SEGA.M
LIGHTING SOLUTIONS

CATALOGUE 2024 | VERSION 2

PIONEERS IN EGYPTIAN
LIGHTING INDUSTRY

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Street

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SEGA.M
LIGHTING SOLUTIONS

About Sega. M

Sega-M is an advanced engineering company, initially specialized in electrical products and low voltage switchboards thanks to over 40 years of its founders' experience.

Sega-M manufacturing plants occupy 30,000 square meters in 10th of ramadan city. equipped with all necessary technical expertise along with finest production lines and ties with best known international manufacturers in electrical field; Sega-M is a highly innovative and certified manufacturer for a wide range of electrical products.

Sega-M has entered lighting products arena since 2014, with an intention to fill the Gap between Egyptian market demands and international development in lighting industry since the introduction of light emitting diodes (LEDs).

LEDs being an energy saver have been targeted by Sega-M in response to the national effort to increase energy efficiency; both in production, I.e. solar energy in which Sega-M Has a long experience, and in consumption through LED efficacy and excellent lighting properties.

Sega-M does not just 'sell' luminaires. Sega-M can design lighting solutions using cutting edge simulation technologies according to internationally recognized codes.does

Our Mission

Our purpose is to unlock the extraordinary potential of light for brighter lives and a better community. We achieve this through living our values, innovation, passion for sustainability and desire to transform people's lives.

Our Vision

largest manufacturer of lighting products in Egypt using world-class technology, customer service, inventions and Pioneering in the green-technology initiative.

We believe in:

-Innovation
-Creating value for customers
-Dedication
-Teamwork
-Integrity
-Quality



GONIOPHOTOMETER



SALT SPRAY



IP – DUST CHAMBER



IP– FLUIDS

SEGA. M Accreditation



Quality , environmental, health and safety management.

-ISO 9001, 14001, 45001 Certificates by Tuv Nord.

Sega-M Labs Accreditation.

-Egyptian Accreditation Council (EGAC).
-Egyptian Organization for Standardization and Quality (EOS).
-National Institude of Standards (NIS).
-Proficiency Test By NIS (PT).

Products Accreditation.

-Meeting the percentage of the Egyptian component,By Federation of Egyptian Industries, Ministry of Industry and Trade.
-Chamber of Engineering Industries.
-Third Party Testing by Energy Research Center (ERC), Faculity of engineering, Cairo university.
-Accreditation by The General Authority for Hygiene and Beautification of Cairo Central Administration for Lighting.
-Product Accreditation by several prominent engineering consultants.

-Indoor Lighting


LED Profile 60cm


LED Profile 120cm


LED Surface Linear V Section


LED Surface Linear R Section


Tabo Down light Circular Surface


LED Tabo Down light Circular


LED Tabo Down light Square


LED Tabo Down light Square


Circular Spot COB Down Light


Circular Spot COB Down Light


Circular Spot COB Down Light


Circular Spot COB Down Light


Circular Spot COB Down Light


Down Light COB 5W


Down Light COB 12W

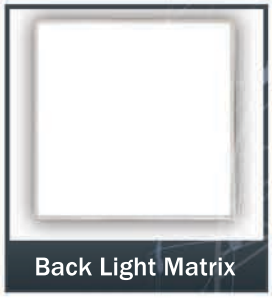

Down Light COB 20W


Down Light COB 30W


Down Light SMD 4W


Down Light SMD 12W


Surface Mount Down Light


Back Light Matrix


Back Light Grill



Emergency Exit Sign

-Industrial Lighting


WEATHERPROOF 60 cm


WEATHERPROOF 120 cm


High Bay 100W


High Bay 160W

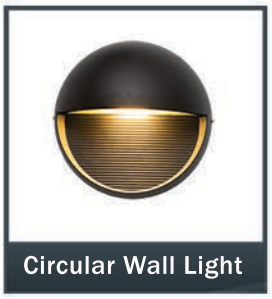

High Bay 200W


LED FLOOD LIGHT 100W


LED FLOOD LIGHT 200W


LED Modular FLOOD LIGHT

-Outdoor Lighting


Circular Wall Light


Aluminium BulkHead Torch


Aluminium BulkHead Eylid


Aluminium BulkHead Wave


Aluminium BulkHead Net


LED Stairs Grill 6W


LED Stairs Grill 12W


Up Down Triangular


Up Down Squared Wall Ligt


Squared Wall Down Light


Circular Up Light SMD 4W


Circular Up Light SMD 12W


Circular Up Light SMD 36W


Circular Up Light Wide Spread

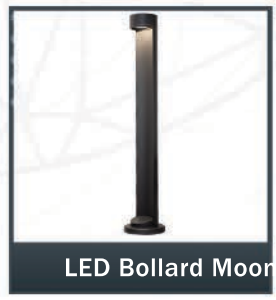

LED Garden Spike

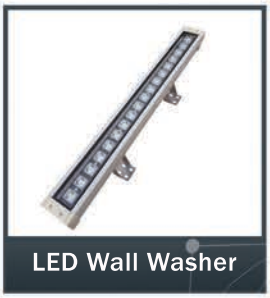

LED Diamond Garden Pole Head


LED Trio Garden Pole Head


LED Bollard Imro Square


LED Bollard Imro


LED Bollard Moor



LED Wall Washer



LED Torch Garden Pole



LED Squared Garden Pole



LED Circular Garden Pole Head



LED GANSO POLE



LED Squared Garden Bollard



Wall Side Globe



Wall Side Globe



Plastic Plafonnier Single Window



Plastic Plafonnier Single Window



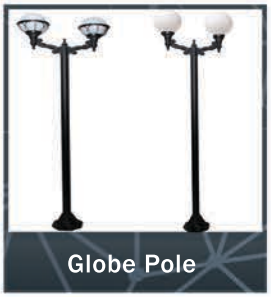
Plastic Plafonnier Double Window



Plastic Plafonnier Lid Half



Lantern Triple Pole



Globe Pole



Lantern Double Pole



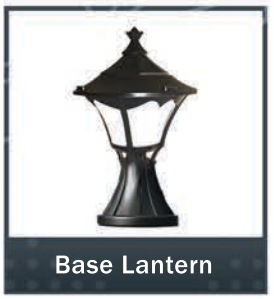
Wall Side Lantern



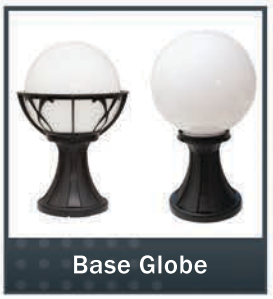
Wall Side Lantern



Lantern Bollard



Base Lantern



Base Globe



E27 Shielded Aluminum Bulkhead

-Street Light



IKTHUS



IKTHUS SHIELD



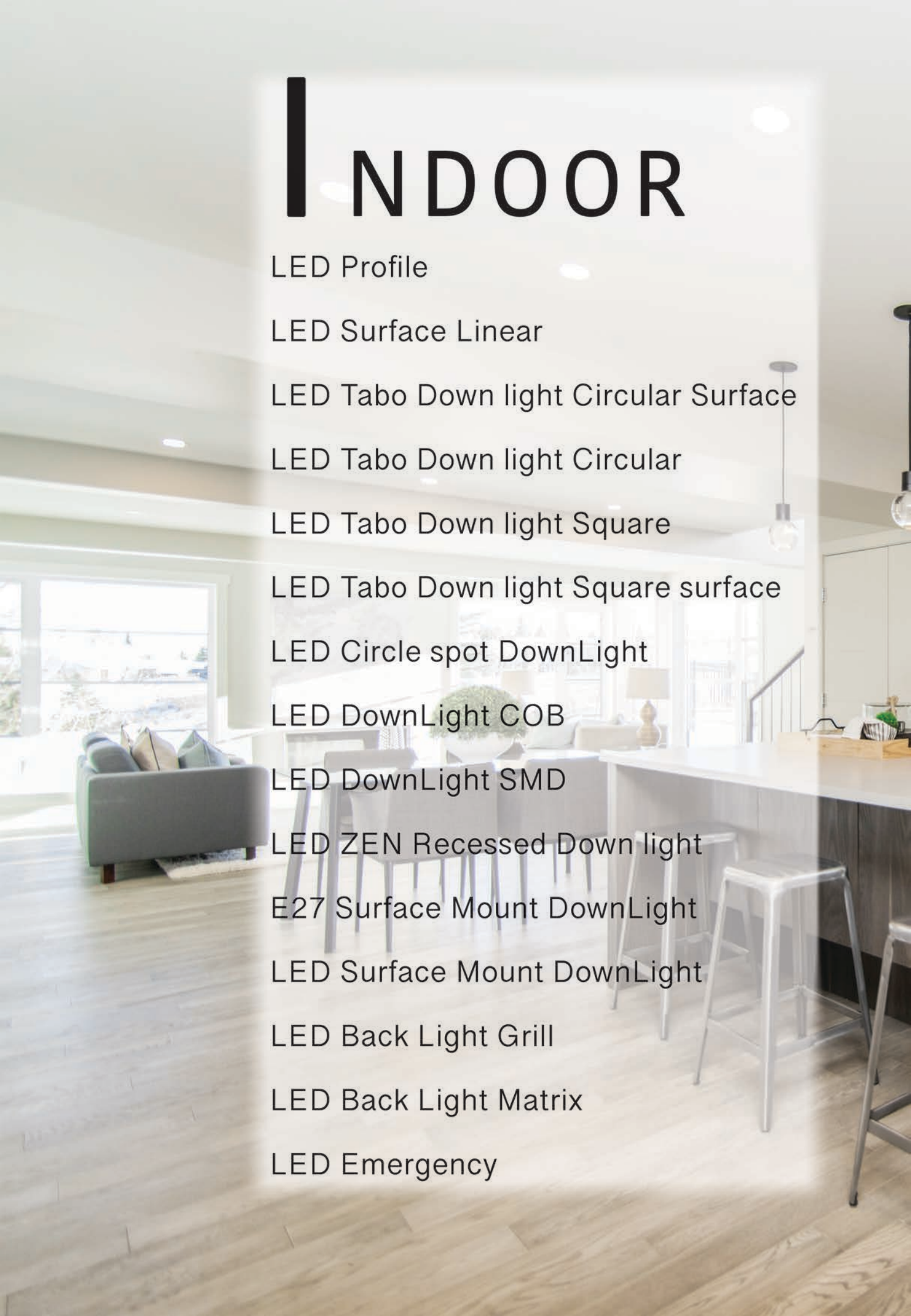
ROCKY with Lens



ROCKY LENS FREE



PACIFIC



INDOOR

LED Profile

LED Surface Linear

LED Tabo Down light Circular Surface

LED Tabo Down light Circular

LED Tabo Down light Square

LED Tabo Down light Square surface

LED Circle spot DownLight

LED DownLight COB

LED DownLight SMD

LED ZEN Recessed Down light

E27 Surface Mount DownLight

LED Surface Mount DownLight

LED Back Light Grill

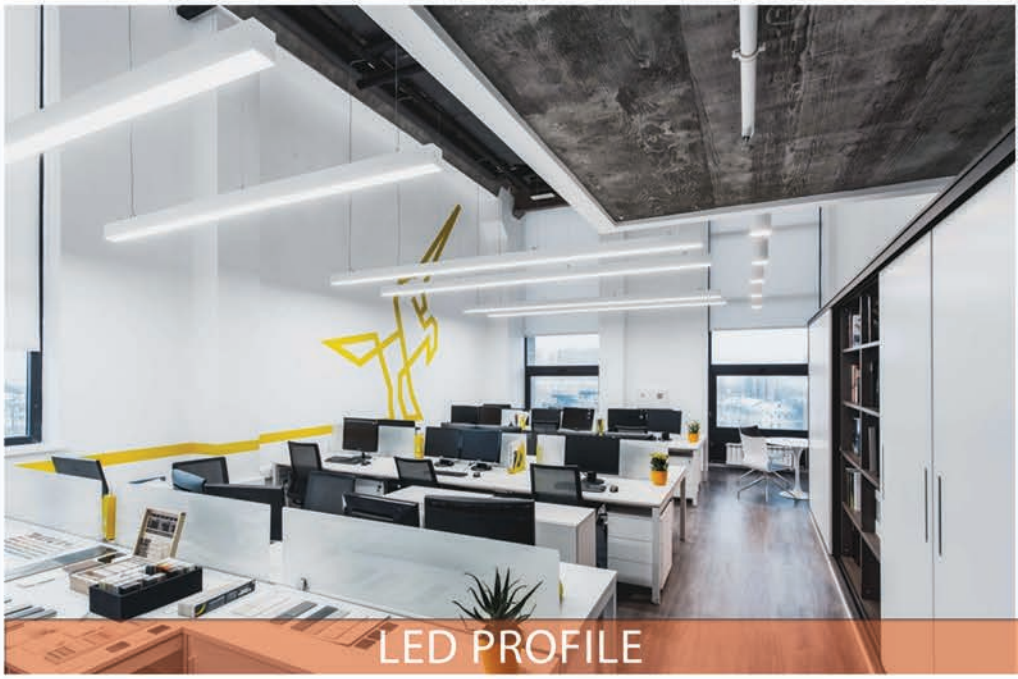
LED Back Light Matrix

LED Emergency

Lighting







LED Profile

Recessed /pendent LED Aluminum section light, IP42.
Designed and created for artistic/decorative and main indoor lighting.

Home
Residence Area
Mall
Hotel
Office

Body

Made of Aluminum section frame electrostatic coated after Phospho-Chromatation.
Polystyrene-Milky diffuser.

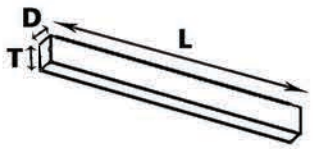
LEDs

Availability of different power ratings and color temperatures.

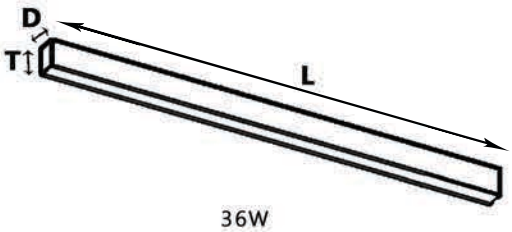
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (DxTxL)
TORS60-SMD012230--	LED PROFILE 60CM TORS60 SMD 12W-3000K IP42	12	0.926	1227	100	113.7	83.1	3000	65*63*600
TORS60-SMD018240--	LED PROFILE 60CM TORS60 SMD 18W-4000K IP42	18	0.926	1833	100	113.7	83.1	4000	65*63*600
TORS60-SMD020260--	LED PROFILE 60CM TORS60 SMD 20W-6000K IP42	20	0.926	2045	100	113.7	83.1	6000	65*63*600
TORS120-SMD024230--	LED PROFILE 120CM TORS120 SMD 24W-3000K IP42	24	0.970	2450	100	113.7	83.1	3000	65*63*1200
TORS120-SMD036240--	LED PROFILE 120CM TORS120 SMD 36W-4000K IP42	36	0.970	3681	100	113.7	83.1	4000	65*63*1200
TORS120-SMD027260--	LED PROFILE 120CM TORS120 SMD 27W-6000K IP42	27	0.970	2760	100	113.7	83.1	6000	65*63*1200

Zhaga IP 42

Dimensional Drawing

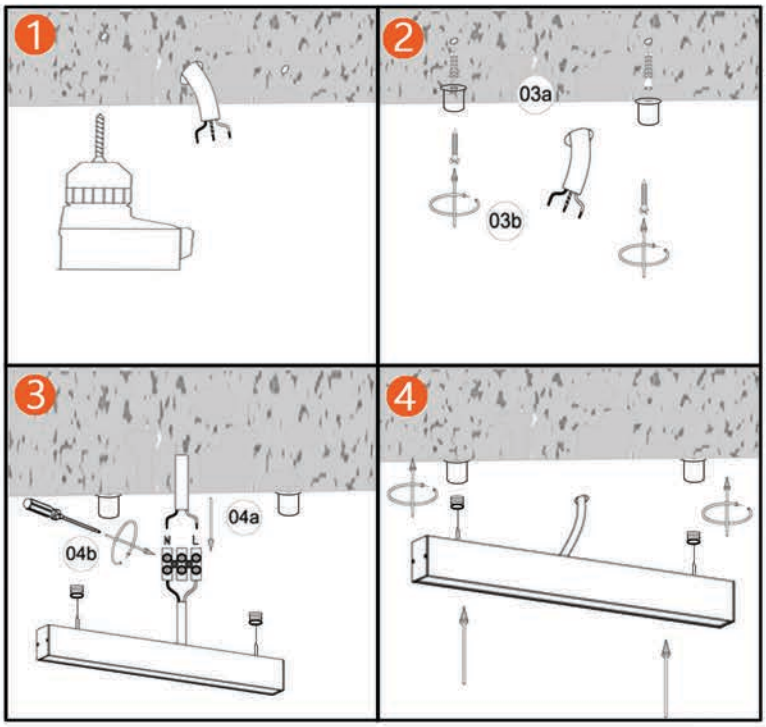


18W

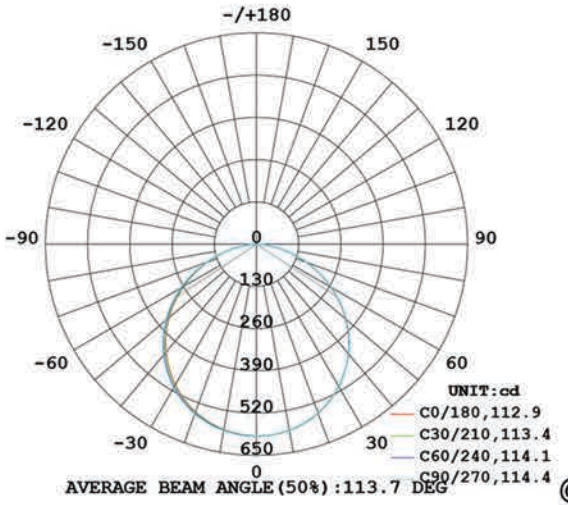


36W

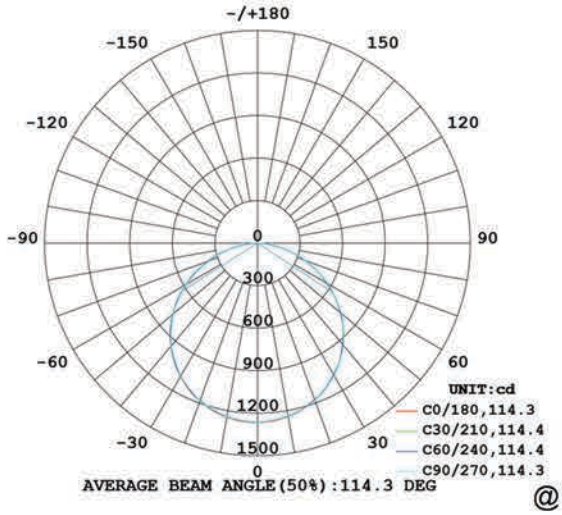
Install Guide



Photometric Data

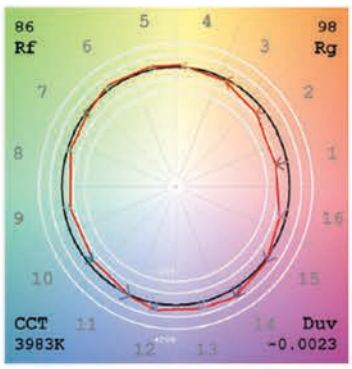


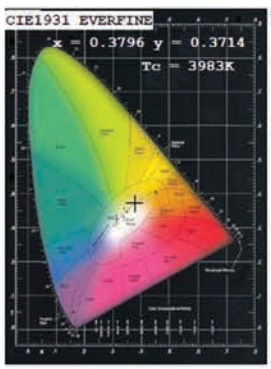
@60cm 18W

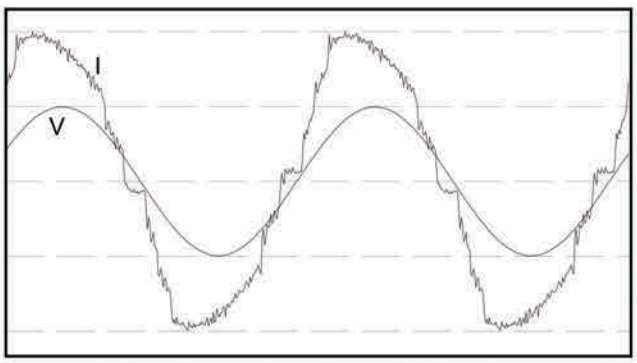


@120cm 36W

Spectrometry











Surface Linear

LED Aluminum section light, 14 Lm/m, IP42.
Designed and created for decorative indirect embedded lighting.

Library
Shopping Mall
Office
Architecture
Hospital

BODY

Made of Aluminum sections electrostatic coated after Phospho-Chromatation.
Use for flat surfaces or corners, polycarbonate (Clear,Milky,Prismatic) diffuser.

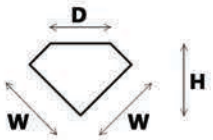
LEDs

Availability of different power ratings and color temperatures.

Item Code	Item Description	Power (w)	Power Supply (V)	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (WxHxDxL)
KLR30-SMD004260--	LED Aluminum R section 30cm 4W-6000K IP42	4	12	205	52	100	80	6000	44*14*15*30
KLR30-SMD004240--	LED Aluminum R section 30cm 4W-4000K IP42	4	12	205	52	100	80	4000	44*14*15*30
KLR30-SMD004230--	LED Aluminum R section 30cm 4W-3000K IP42	4	12	205	52	100	80	3000	44*14*15*30
KLV30-SMD004260--	LED Aluminum V section 30cm 4W-6000K IP42	4	12	86.7	22	66	80	6000	26*26*15*30
KLV30-SMD004240--	LED Aluminum V section 30cm 4W-4000K IP42	4	12	86.7	22	66	80	4000	26*26*15*30
KLV30-SMD004230--	LED Aluminum V section 30cm 4W-3000K IP42	4	12	86.7	22	66	80	3000	26*26*15*30
KLR40-SMD006260--	LED Aluminum R section 40cm 6W-6000K IP42	6	12	277	52	100	80	6000	44*14*15*40
KLR40-SMD006240--	LED Aluminum R section 40cm 6W-4000K IP42	6	12	277	52	100	80	4000	44*14*15*40
KLR40-SMD006230--	LED Aluminum R section 40cm 6W-3000K IP42	6	12	277	52	100	80	3000	44*14*15*40
KLV40-SMD006260--	LED Aluminum V section 40cm 6W-6000K IP42	6	12	115.6	22	66	80	6000	26*26*15*40
KLV40-SMD006240--	LED Aluminum V section 40cm 6W-4000K IP42	6	12	115.6	22	66	80	4000	26*26*15*40
KLV40-SMD006230--	LED Aluminum V section 40cm 6W-3000K IP42	6	12	115.6	22	66	80	3000	26*26*15*40
KLR100-SMD014260--	LED Aluminum R section 100cm 14W-6000K IP42	14	12	694	52	100	80	6000	44*14*15*100
KLR100-SMD014240--	LED Aluminum R section 100cm 14W-4000K IP42	14	12	694	52	100	80	4000	44*14*15*100
KLR100-SMD014230--	LED Aluminum R section 100cm 14W-3000K IP42	14	12	694	52	100	80	3000	44*14*15*100
KLV100-SMD014260--	LED Aluminum V section 100cm 14W-6000K IP42	14	12	289	22	66	80	6000	26*26*15*100
KLV100-SMD014240--	LED Aluminum V section 100cm 14W-4000K IP42	14	12	289	22	66	80	4000	26*26*15*100
KLV100-SMD014230--	LED Aluminum V section 100cm 14W-3000K IP42	14	12	289	22	66	80	3000	26*26*15*100

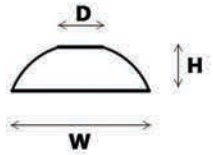
Zhaga IP 42

Dimensional Drawing



L: Length of Luminaire

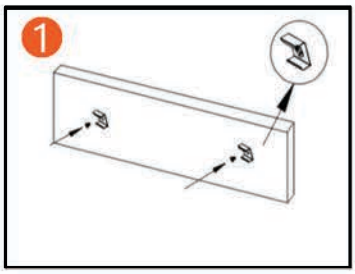
V SECTION

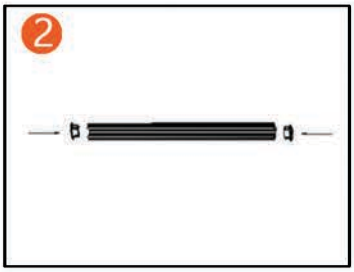


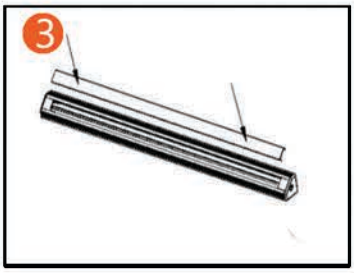
L: Length of Luminaire

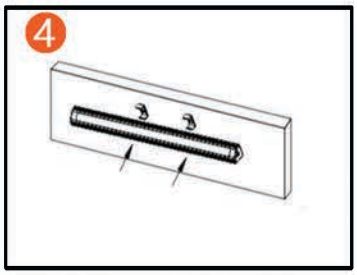
R SECTION

Install Guide

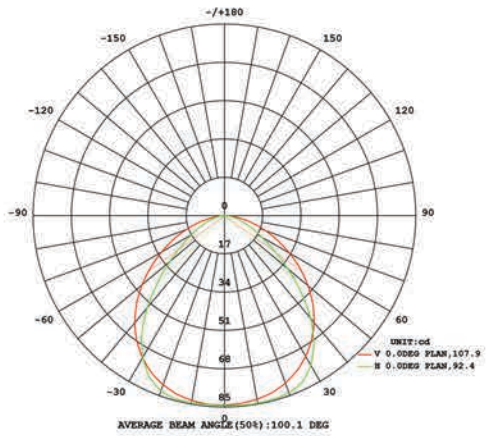




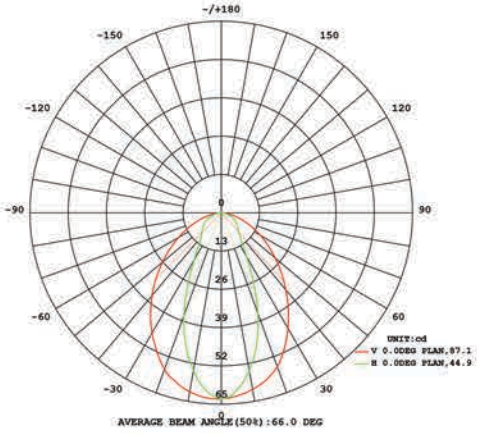




Photometric Data

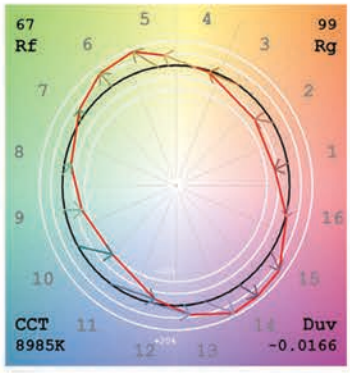


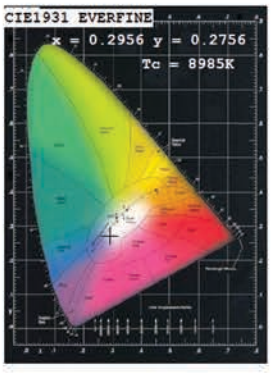
R SECTION

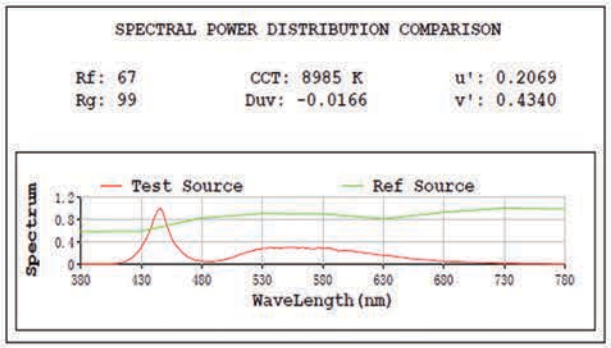


V SECTION

Spectrometry









Down Light SMD

Tabo Down light Circular Surface Powered by SMD LED, IP42 (IP54 Front).
Designed and created for office space and general indoors lighting.

BODY

Electrostatically coated die cast aluminum ring.

LEDs

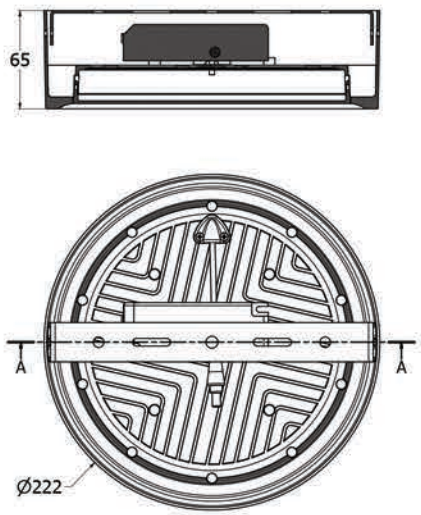
Availability of different power ratings and different color temperatures.

Home · Shopping Mall · Hotel · Conference Room · Hospital · School

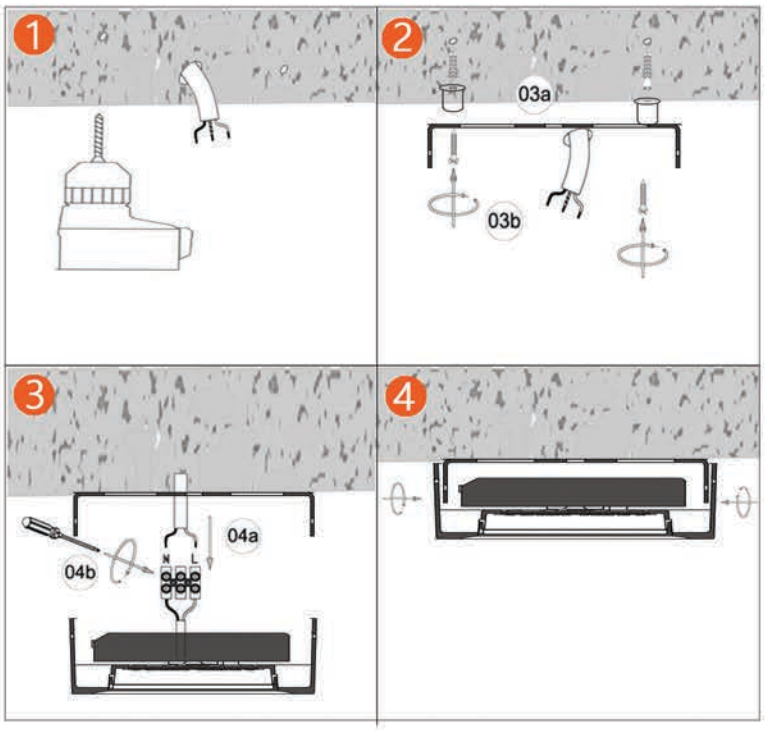
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxH)
RTABOS-SMD012230--	LED TABO DOWN LIGHT SMD 120MM 12W 3000K IP42	12	0.97	1212	100	113.8	82	6000	140*80
RTABOS-SMD012240--	LED TABO DOWN LIGHT SMD 120MM 12W 3000K IP42	12	0.97	1212	100	113.8	82	4000	140*80
RTABOS-SMD012260--	LED TABO DOWN LIGHT SMD 120MM 12W 3000K IP42	12	0.97	1212	100	113.8	82	3000	140*80
RTABOL-SMD024230--	LED TABO DOWN LIGHT SMD 225MM 24W 3000K IP42	24	0.97	2444	100	114.1	82	6000	250*80
RTABOL-SMD024240--	LED TABO DOWN LIGHT SMD 225MM 24W 3000K IP42	24	0.97	2444	100	114.1	82	4000	250*80
RTABOL-SMD024260--	LED TABO DOWN LIGHT SMD 225MM 24W 3000K IP42	24	0.97	2444	100	114.1	82	3000	250*80

Zhaga · IP 42

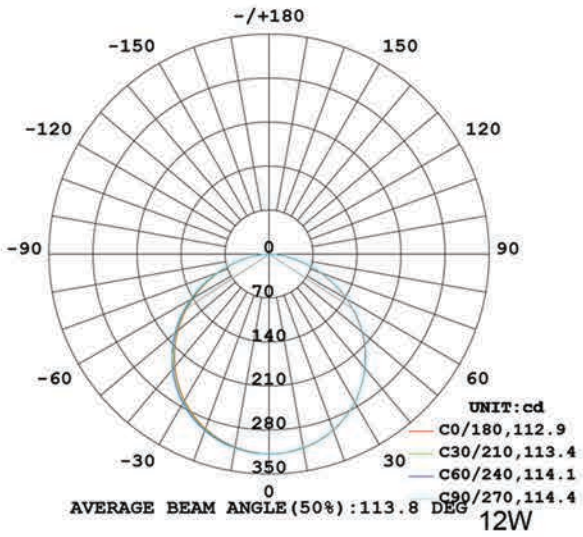
Dimensional Drawing



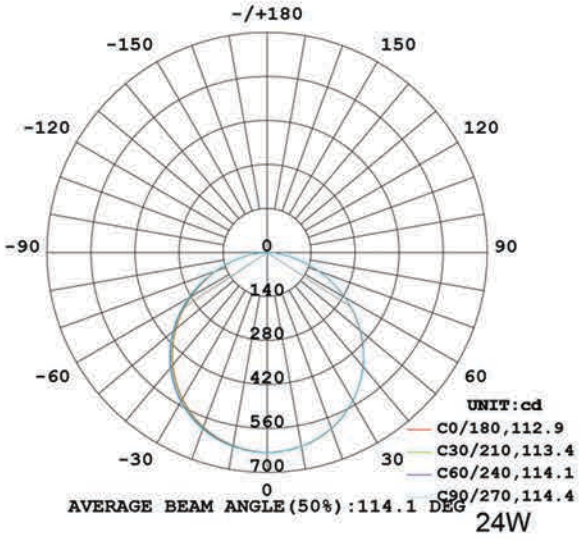
Install Guide



Photometric Data

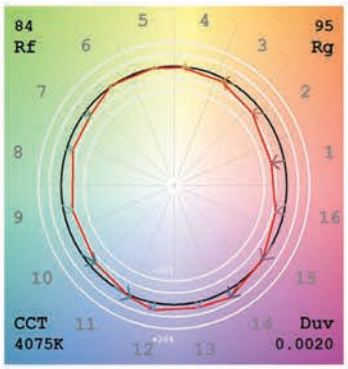


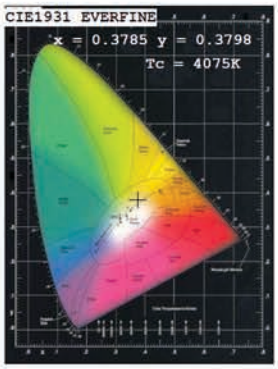
12W

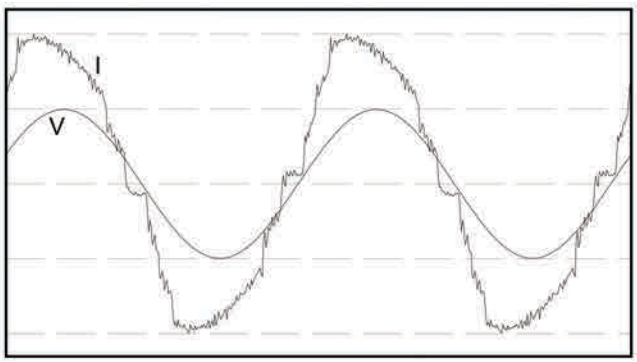


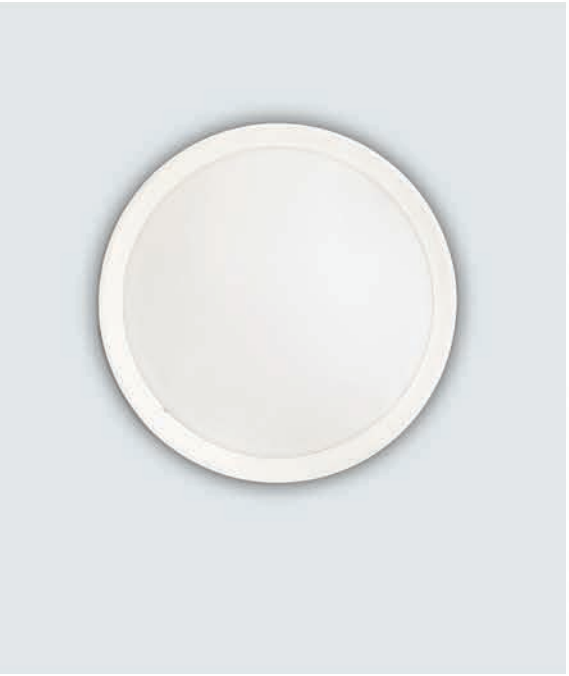
24W

Spectrometry











LED Tabo Down light Circular

Down Light SMD

Tabo Down light Circular Recessed Powered by SMD LED, IP42 (IP54 Front).
Designed and created for office space and general indoors lighting.

BODY

Electrostatically coated die cast aluminum ring.

LEDs

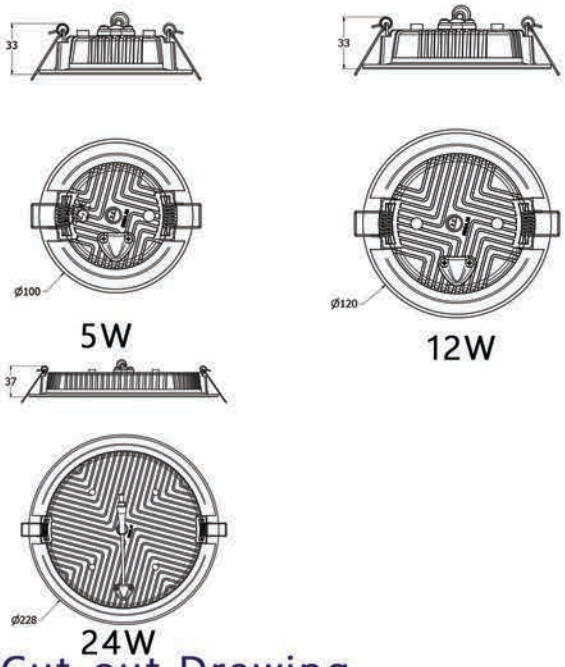
Availability of different power ratings and different color temperatures.



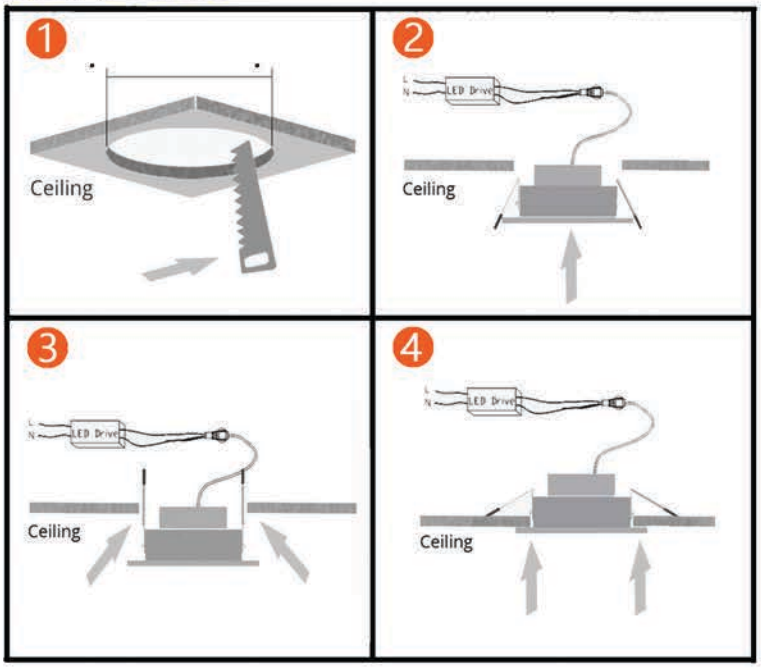
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxØhxH)
TABOD100-SMD005230--	LED TABO DOWN LIGHT SMD 100MM 5W 3000K IP42	5	0.97	535	100	113.7	82	3000	100*80*40
TABOD100-SMD005240--	LED TABO DOWN LIGHT SMD 100MM 5W 3000K IP42	5	0.97	535	100	113.7	82	4000	100*80*40
TABOD100-SMD005260--	LED TABO DOWN LIGHT SMD 100MM 5W 3000K IP42	5	0.97	535	100	113.7	82	6000	100*80*40
TABOD120-SMD012230--	LED TABO DOWN LIGHT SMD 120MM 5W 3000K IP42	12	0.97	1212	100	113.8	82	3000	120*100*40
TABOD120-SMD012240--	LED TABO DOWN LIGHT SMD 120MM 5W 3000K IP42	12	0.97	1212	100	113.8	82	4000	120*100*40
TABOD120-SMD012260--	LED TABO DOWN LIGHT SMD 120MM 5W 3000K IP42	12	0.97	1212	100	113.8	82	6000	120*100*40
TABOD225-SMD024230--	LED TABO DOWN LIGHT SMD 225MM 5W 3000K IP42	24	0.97	2444	100	114.1	82	3000	225*200*121
TABOD225-SMD024240--	LED TABO DOWN LIGHT SMD 225MM 5W 3000K IP42	24	0.97	2444	100	114.1	82	4000	225*200*121
TABOD225-SMD024260--	LED TABO DOWN LIGHT SMD 225MM 5W 3000K IP42	24	0.97	2444	100	114.1	82	6000	225*200*121

Zhaga IP 42

Dimensional Drawing



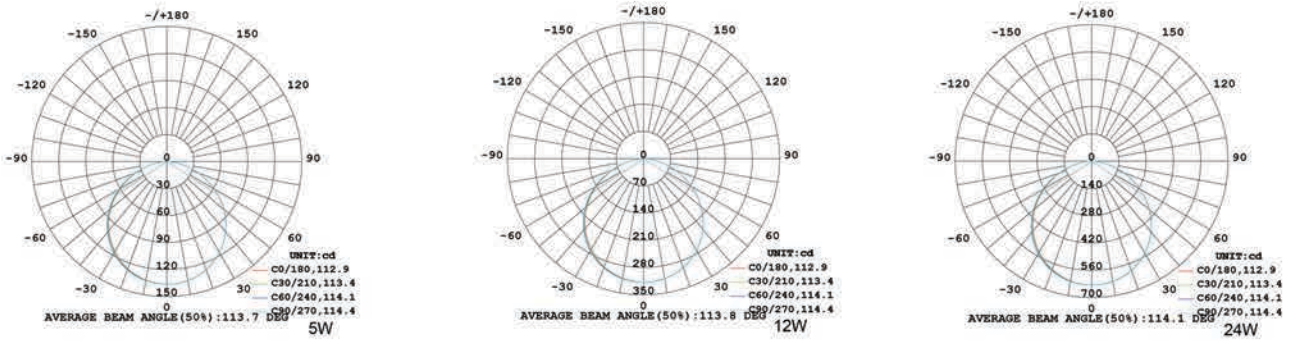
Install Guide



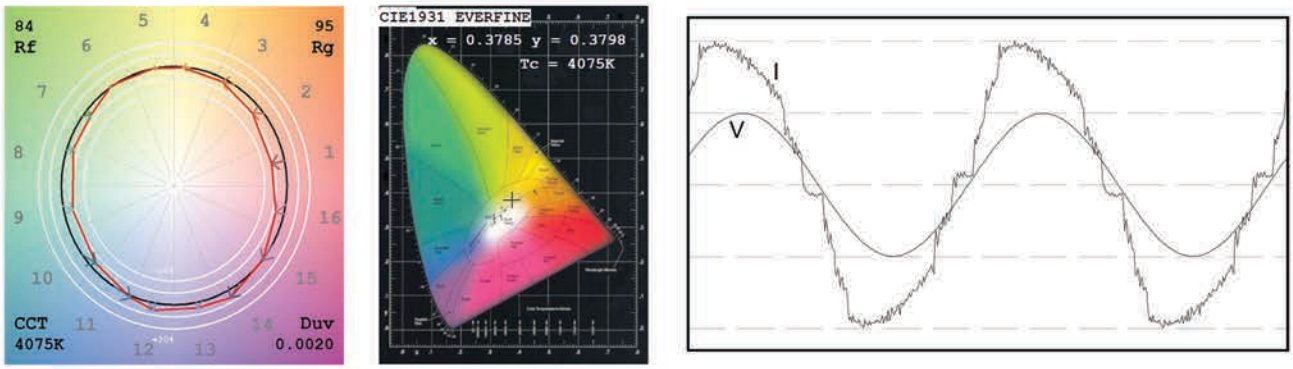
Cut-out Drawing



Photometric Data



Spectrometry







Down Light SMD
Tabo Down light Recessed LED Squared Powered by SMD LED, IP42 (IP54 Front).
Designed and created for office space and general indoors lighting.

Home · Residence Area · Mall · Hotel · Office

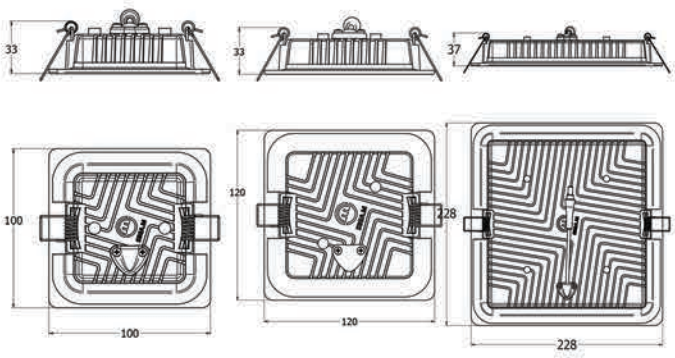
BODY
Electrostatically coated die cast aluminum ring.

LEDs
Availability of different power ratings and different color temperatures.

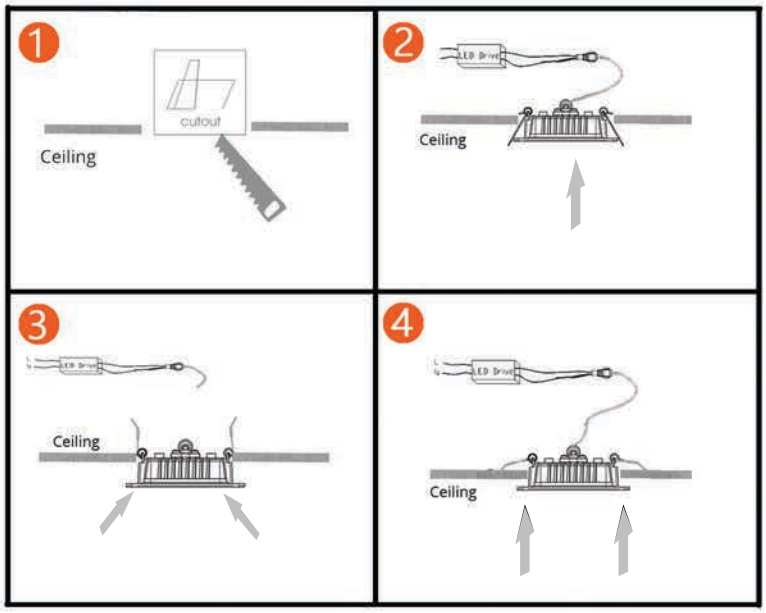
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (DxTxL)
TABOL100-SMD005230--	LED TABO Square Down light SMD 5W 3000K IP42	5	0.926	535	100	113.7	82	3000	100*80*40
TABOL100-SMD005240--	LED TABO Square Down light SMD 5W 4000K IP42	5	0.926	535	100	113.7	82	4000	100*80*40
TABOL100-SMD005260--	LED TABO Square Down light SMD 5W 6000K IP42	5	0.926	535	100	113.7	82	6000	100*80*40
TABOL120-SMD012230--	LED TABO Square Down light SMD 12W 3000K IP42	12	0.970	535	100	113.8	82	3000	120*100*40
TABOL120-SMD012240--	LED TABO Square Down light SMD 12W 4000K IP42	12	0.970	1212	100	113.8	82	4000	120*100*40
TABOL120-SMD012260--	LED TABO Square Down light SMD 12W 6000K IP42	12	0.970	1212	100	113.8	82	6000	120*100*40
TABOL225-SMD024230--	LED TABO Square Down light SMD 24W 3000K IP42	24	0.970	1212	100	114.1	82	3000	225*200*40
TABOL225-SMD024240--	LED TABO Square Down light SMD 24W 4000K IP42	24	0.970	1212	100	114.1	82	4000	225*200*40
TABOL225-SMD024260--	LED TABO Square Down light SMD 24W 6000K IP42	24	0.970	3681	100	114.1	82	6000	225*200*40

Zhaga · IP 42

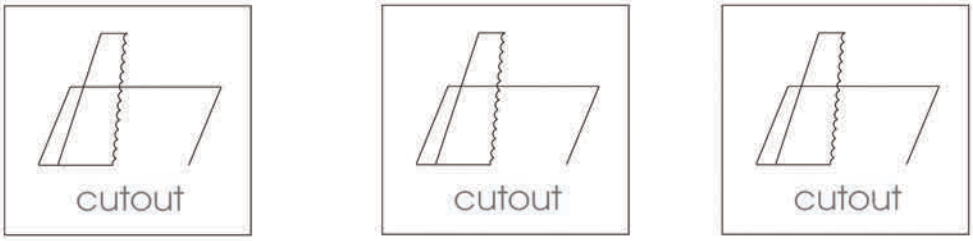
Dimensional Drawing



Install Guide

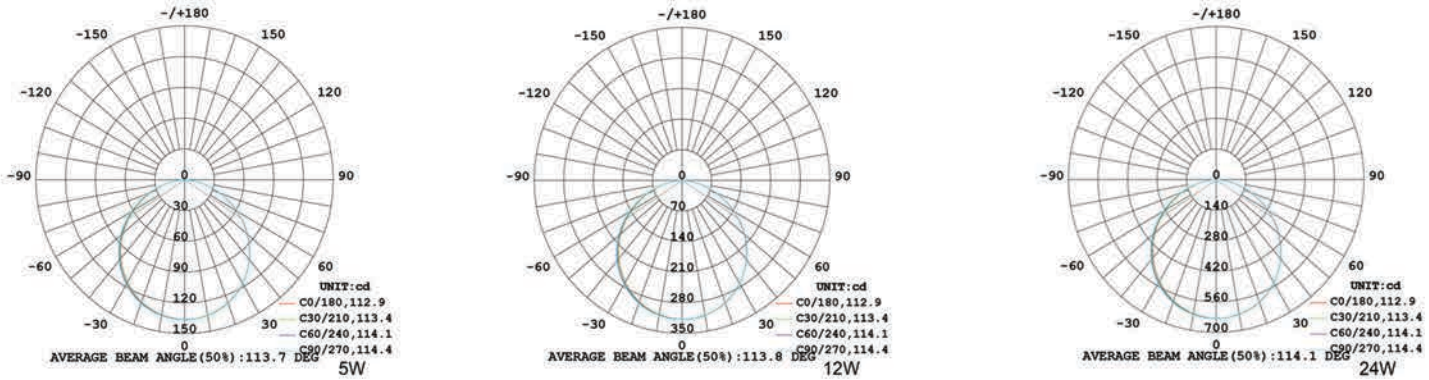


Cut-out Drawing

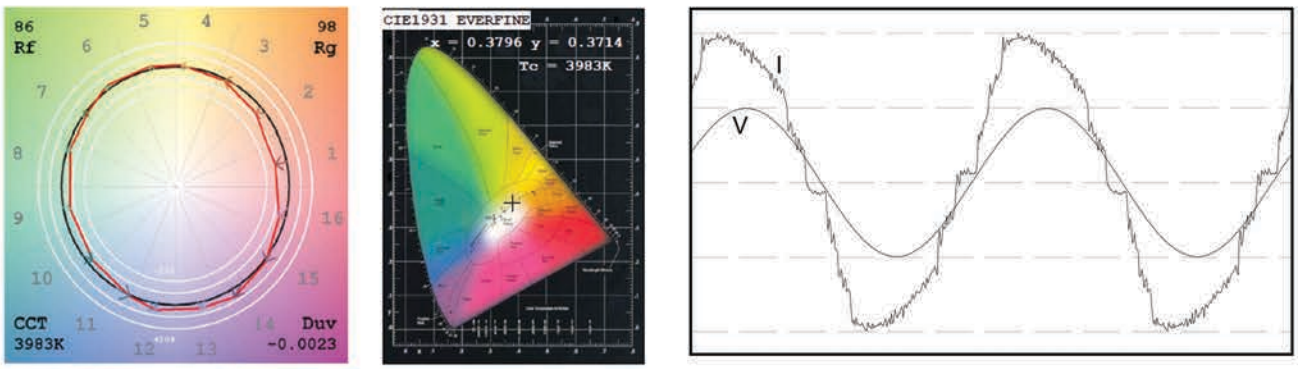


80*80　　100*100　　200*200

Photometric Data



Spectrometry







Down Light SMD
Tabo Down light Surface LED Squared Powered by SMD LED, IP42 (IP54 Front).
Designed and created for office space and general indoors lighting.

BODY
Electrostatically coated die cast aluminum ring.

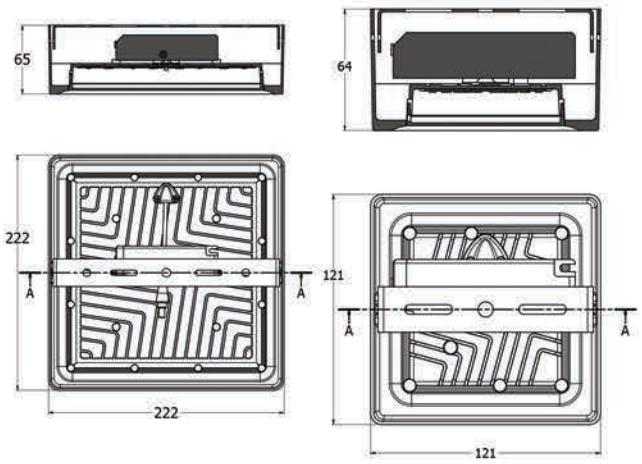
LEDs
Availability of different power ratings and different color temperatures.

Home · Residence Area · Mall · Hotel · Office

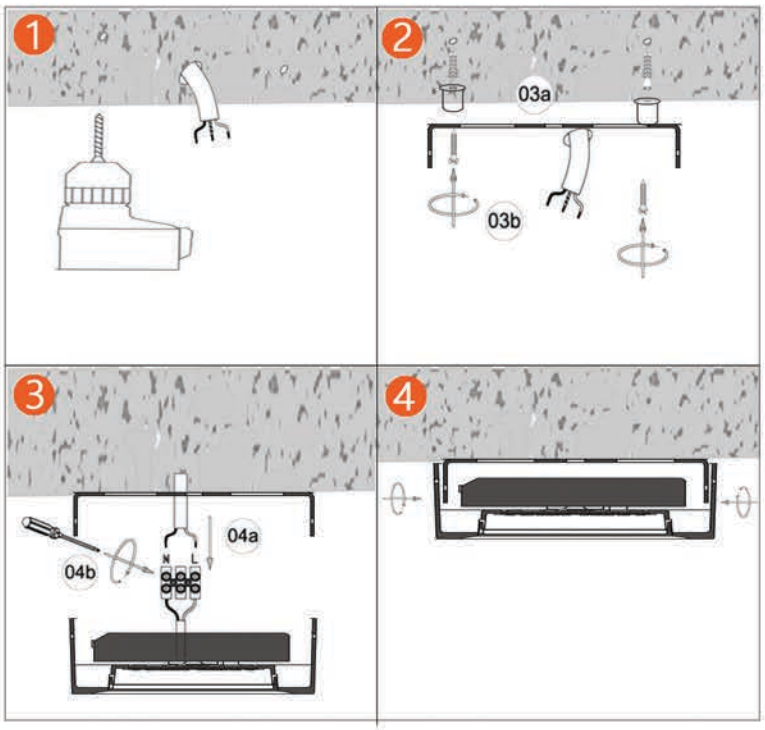
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (HxL)
STABOM-SMD012230--	LED TABO Square Surface Down light SMD 12W 3000K IP44	12	0.970	1833	100	113.8	82	3000	65*121
STABOM-SMD012240--	LED TABO Square Surface Down light SMD 12W 4000K P44	12	0.970	1833	100	113.8	82	4000	65*121
STABOM-SMD012260--	LED TABO Square Surface Down light SMD 12W 6000K P44	12	0.970	1833	100	113.8	82	6000	65*121
STABOL-SMD024230--	LED TABO Square Surface Down light SMD 24W 3000K P44	24	0.970	2403	100	114.1	82	3000	65*222
STABOL-SMD024240--	LED TABO Square Surface Down light SMD 24W 4000K P44	24	0.970	2403	100	114.1	82	4000	65*222
STABOL-SMD024260--	LED TABO Square Surface Down light SMD 24W 6000K P44	24	0.970	2403	100	114.1	82	6000	65*222

Zhaga · IP 42

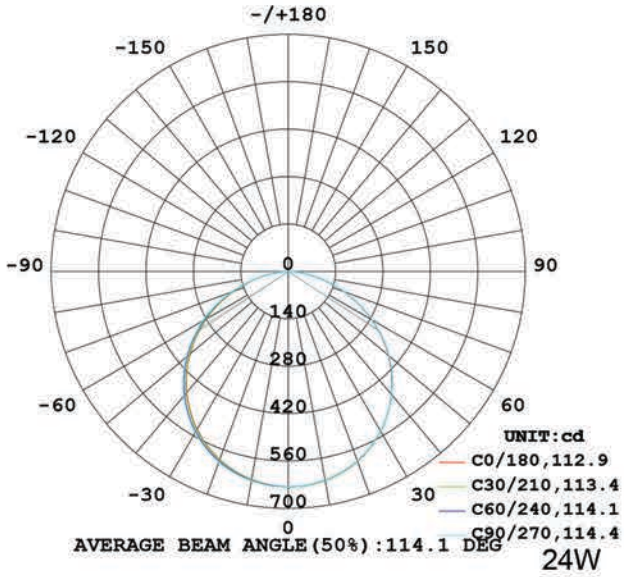
Dimensional Drawing

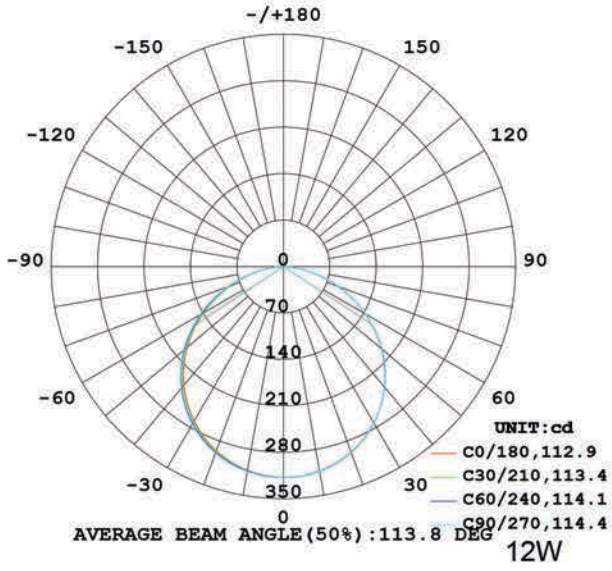


Install Guide

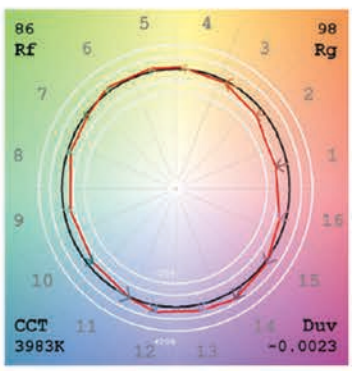


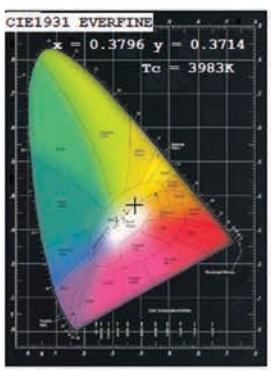
Photometric Data

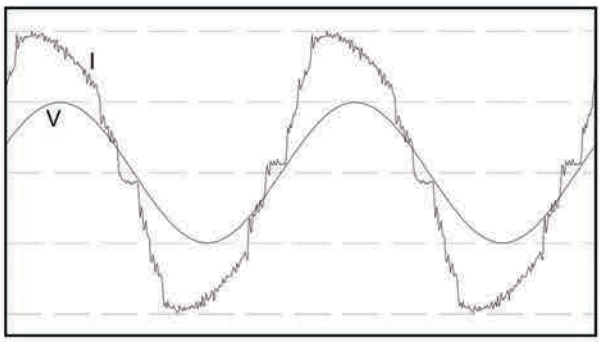




Spectrometry











LED COB RECESSED SPOT DOWN LIGHT

Spot Down Light

Recessed Down Light Spot Powered by COB LED, IP54.
Designed and created for recreational decorative lighting.

BODY

Made of Die Cast Aluminum ring electrostatic coated after Phospho-Chromatation.
Heat sink with Specular reflector, Glass diffuser.

LEDs

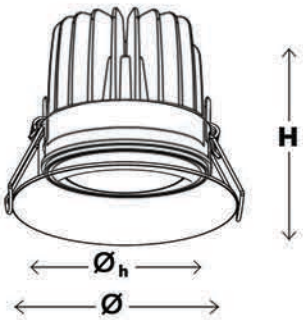
Availability of different color temperatures.

Library · Shopping Mall · Office · Conference Room · Hospital · School

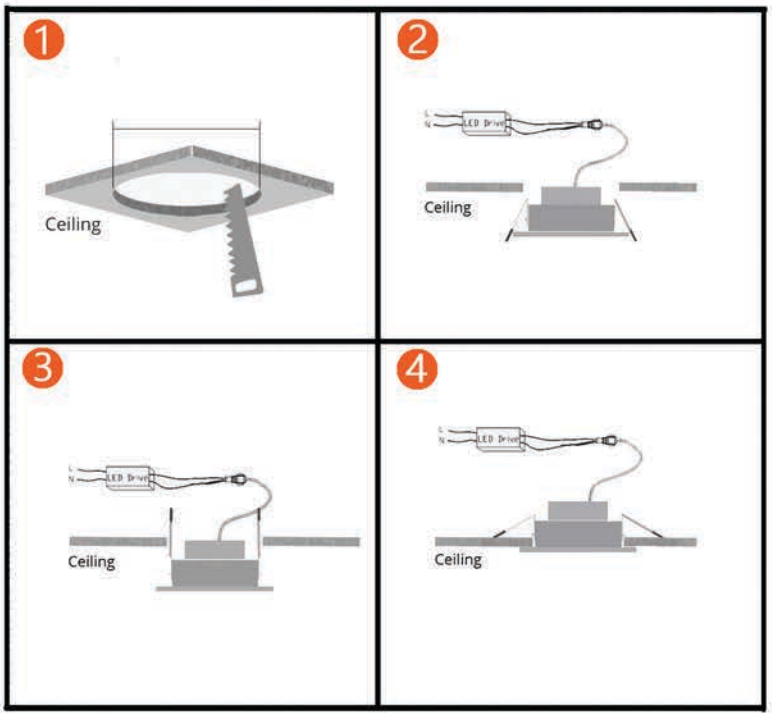
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxØhxH)
SPD05-COB010260--	LED SPOT COB CIRCULAR RECESSED 10W-6000K IP54	10	0.92	1050	100	38.8	83.4	6000	90*80*85
SPD05-COB010240--	LED SPOT COB CIRCULAR RECESSED 10W-4000K IP54	10	0.92	1050	100	38.8	83.4	4000	90*80*85
SPD05-COB010230--	LED SPOT COB CIRCULAR RECESSED 10W-3000K IP54	10	0.92	1050	100	38.8	83.4	3000	90*80*85

Zhaga IP 54

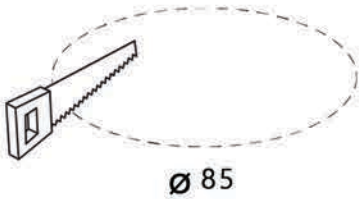
Dimensional Drawing



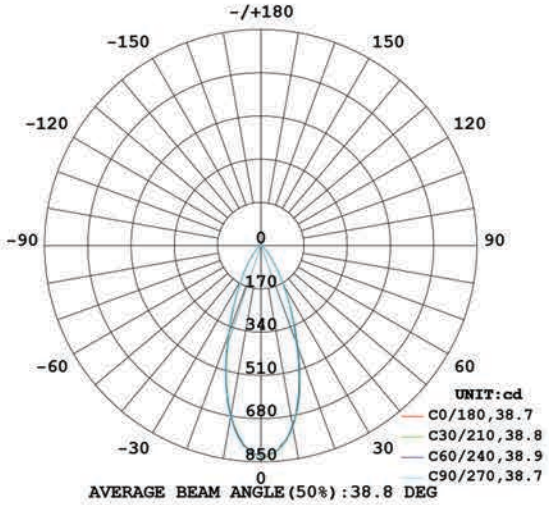
Install Guide



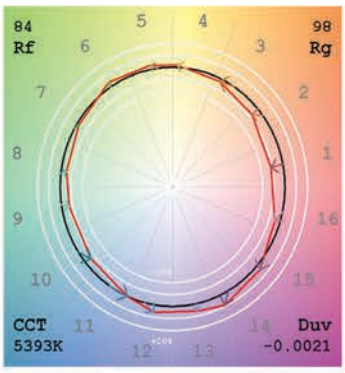
Cut-out Drawing

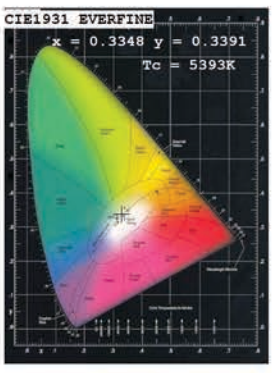


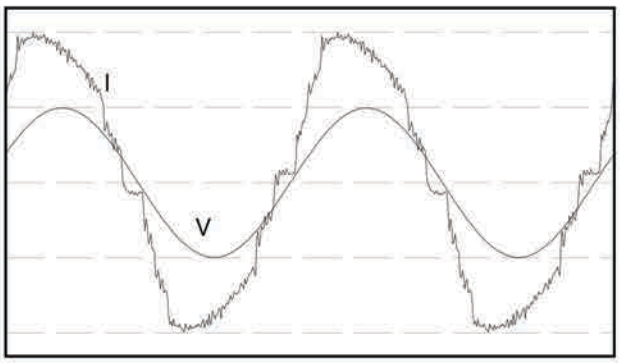
Photometric Data



Spectrometry











LED COB GLASS DOWN LIGHT

Glass Down Light

Recessed Down Light Powered by COB LED, IP20.
Designed and created for office space and general indoors lighting.



BODY

Made of Die Cast Aluminum ring electrostatic coated after Phospho-Chromatation.
Heat sink with Specular reflector, Clear glass diffuser.

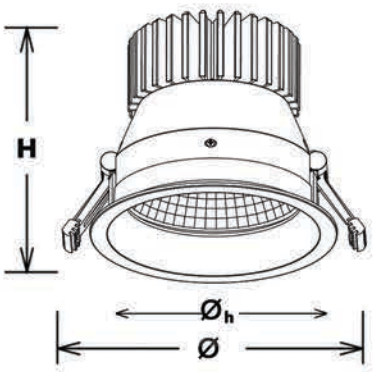
LEDs

Availability of different color temperatures.

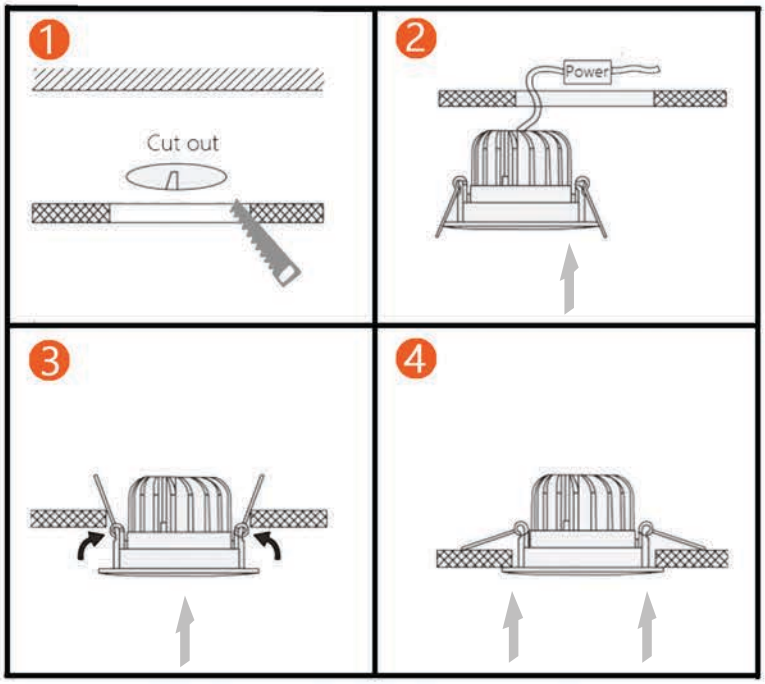
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxØhxH)
SPD02-COB020230--	LED COB DOWN LIGHT SIZE 1 20W-3000K IP20	20	0.950	2005	99	28.9	83.3	3000	145*130*107
SPD02-COB020240--	LED COB DOWN LIGHT SIZE 1 20W-4000K IP20	20	0.950	2005	99	28.9	83.3	4000	145*130*107
SPD02-COB020260--	LED COB DOWN LIGHT SIZE 1 20W-6000K IP20	20	0.950	2005	99	28.9	83.2	6000	145*130*107
SPD02-COB035230--	LED COB DOWN LIGHT SIZE 2 35W-3000K IP20	35	0.950	3495	99	29.3	83.3	3000	150*130*104
SPD02-COB035240--	LED COB DOWN LIGHT SIZE 2 35W-4000K IP20	35	0.950	3495	99	29.3	83.2	4000	150*130*104
SPD02-COB035260--	LED COB DOWN LIGHT SIZE 2 35W-6000K IP20	35	0.950	3495	99	29.3	83.3	6000	150*130*104

Zhaga IP 20

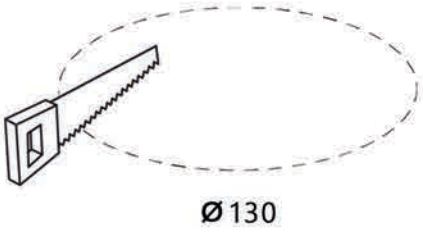
Dimensional Drawing



Install Guide

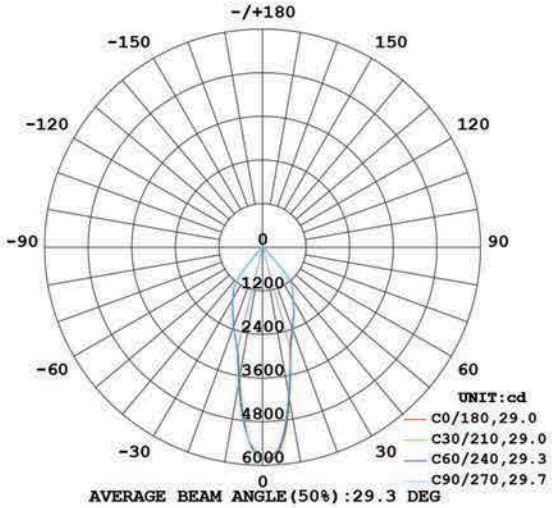


Cut-out Drawing

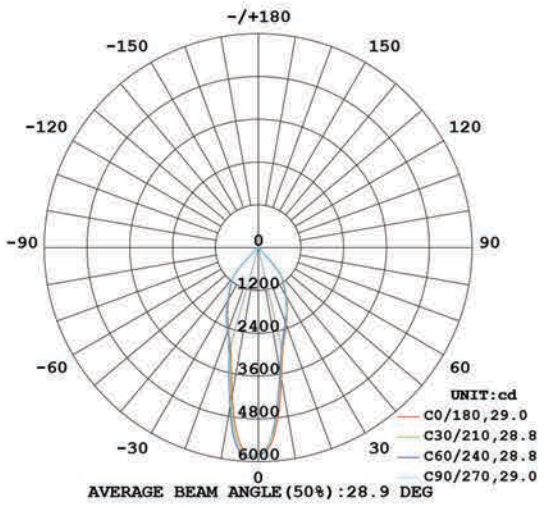


Ø130

Photometric Data

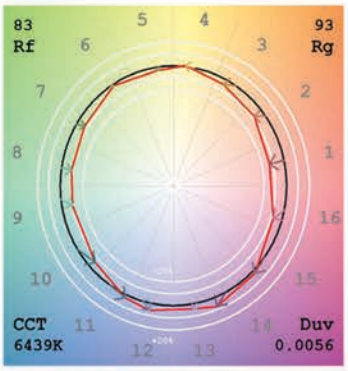


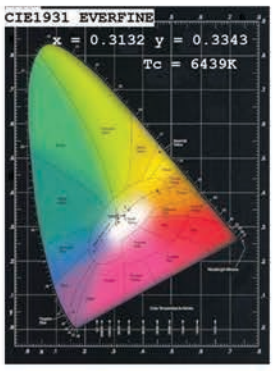
Size 1

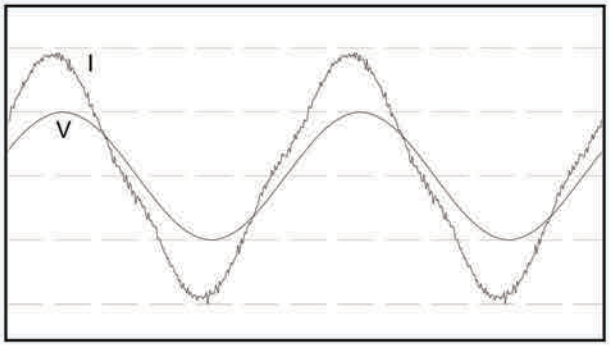


Size 2

Spectrometry











LED COB GLASS DOWN LIGHT

Glass Down Light

Recessed Down Light Powered by COB LED, IP20.
Designed and created for office space and general indoors lighting.

Library Shopping Mall Office

Conference Room Hospital School

BODY

Made of Die Cast Aluminum ring electrostatic coated after Phospho-Chromatation.
Heat sink with Specular reflector, Clear glass diffuser.

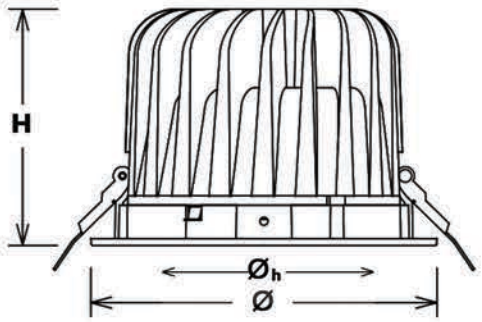
LEDs

Availability of different color temperatures.

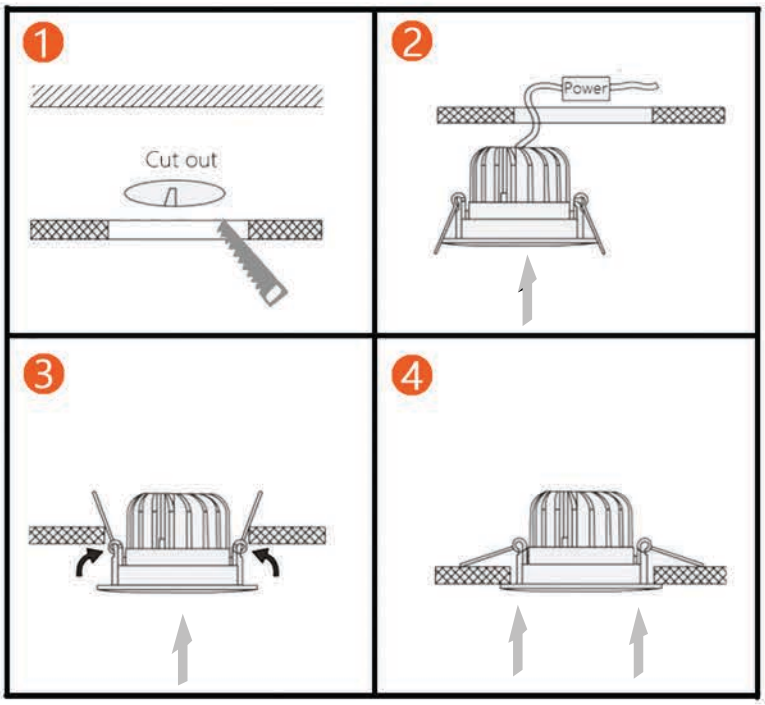
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxØhxH)
--SPD07-COB035260	LED COB DOWN LIGHT SIZE 2 35W-6000K IP20	35	0.960	3435	94	28.9	83.6	6000	150*110*105
--SPD07-COB035240	LED COB DOWN LIGHT SIZE 2 35W-4000K IP20	35	0.960	3435	94	28.9	83.6	4000	150*110*105
--SPD07-COB035230	LED COB DOWN LIGHT SIZE 2 35W-3000K IP20	35	0.960	3435	94	28.9	83.6	3000	150*110*105

Zhaga IP 20

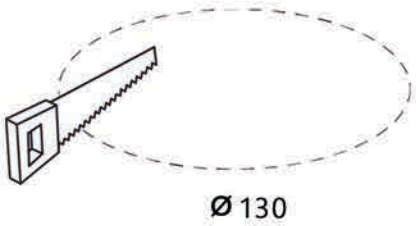
Dimensional Drawing



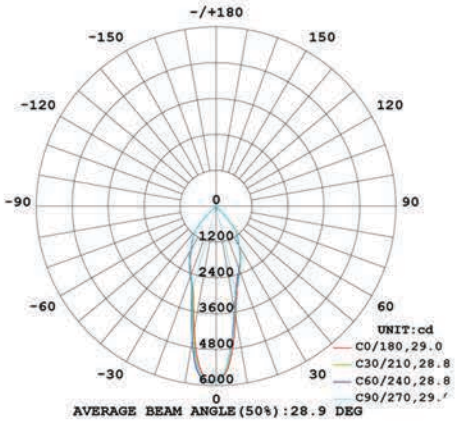
Install Guide



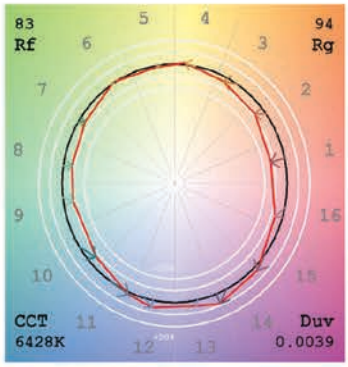
Cut-out Drawing

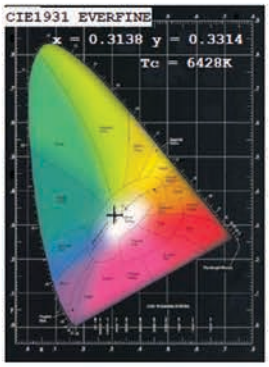


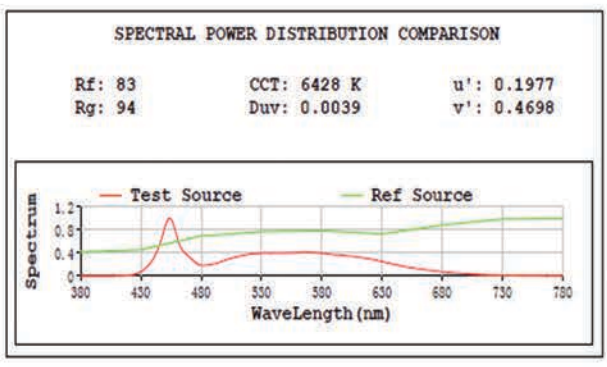
Photometric Data



Spectrometry











Down Light COB

Recessed Down Light Powered by COB LED, IP20.
Designed and created for office space and general indoors lighting.

BODY

Made of Die Cast Aluminum ring electrostatic coated after Phospho-Chromatation.
Heat sink anodized with Specular reflector, Polycarbonate diffuser.

LEDs

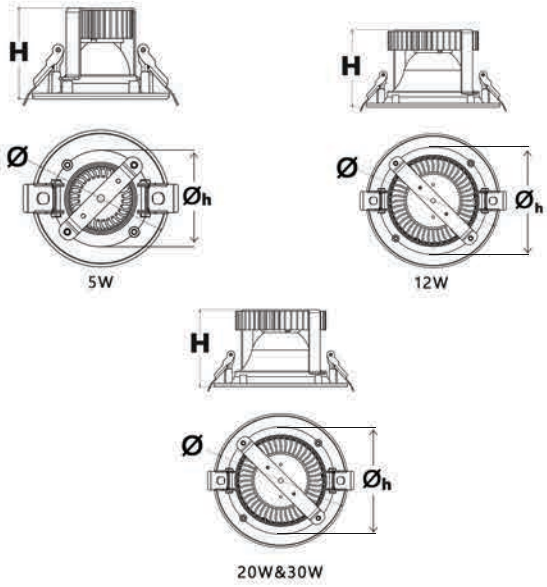
Availability of different power ratings and different color temperatures.



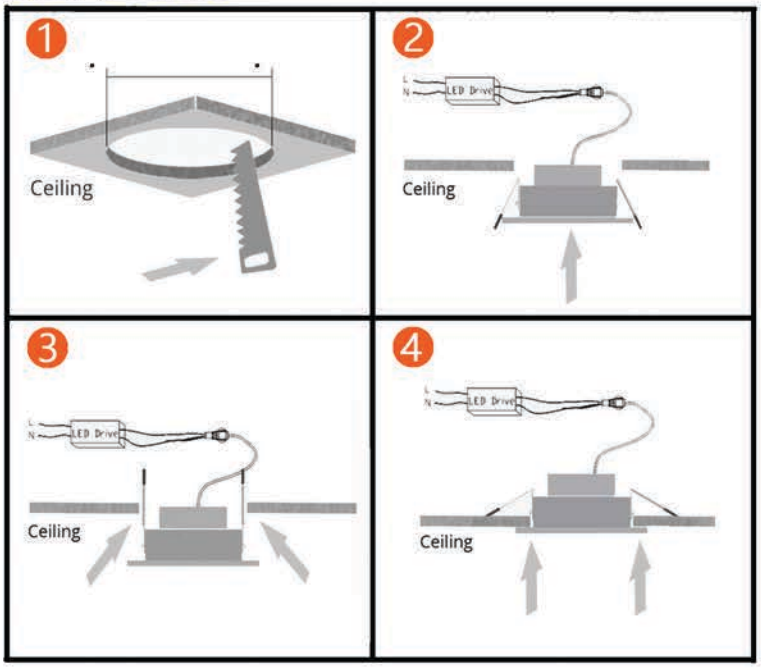
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxØhxH)
SLMD10-COB005260--	DOWN LIGHT COB 5W-6000K D10 A60 IP20	5	0.800	553	97	60	83.3	6000	97*67*65
SLMD10-COB005240--	DOWN LIGHT COB 5W-4000K D10 A60 IP20	5	0.800	553	97	60	83.3	4000	97*67*65
SLMD10-COB005230--	DOWN LIGHT COB 5W-3000K D10 A60 IP20	5	0.800	553	97	60	83.3	3000	97*67*65
SLMD15-COB012260--	DOWN LIGHT COB 12W-6000K D15 A60 IP20	12	0.930	1435	107	60	86.4	6000	144*114*83
SLMD15-COB012240--	DOWN LIGHT COB 12W-4000K D15 A60 IP20	12	0.930	1435	107	60	86.4	4000	144*114*83
SLMD15-COB012230--	DOWN LIGHT COB 12W-3000K D15 A60 IP20	12	0.930	1435	107	60	86.4	3000	144*114*83
SLMD20-COB020260--	DOWN LIGHT COB 20W-6000K D20 A30 IP20	20	0.950	2285	109	60	82.3	6000	210*180*121
SLMD20-COB020240--	DOWN LIGHT COB 20W-4000K D20 A30 IP20	20	0.950	2285	109	60	82.3	4000	210*180*121
SLMD20-COB020230--	DOWN LIGHT COB 20W-3000K D20 A30 IP20	20	0.950	2285	109	60	82.3	3000	210*180*121
SLMD20-COB030260--	DOWN LIGHT COB 30W-6000K D20 A30 IP20	30	0.960	3462	112	30	81.7	6000	210*180*131
SLMD20-COB030240--	DOWN LIGHT COB 30W-4000K D20 A30 IP20	30	0.960	3462	112	30	81.7	4000	210*180*131
SLMD20-COB030230--	DOWN LIGHT COB 30W-3000K D20 A30 IP20	30	0.960	3462	112	30	81.7	3000	210*180*131

Zhaga IP 20

Dimensional Drawing



Install Guide



Cut-out Drawing



Ø80

5W

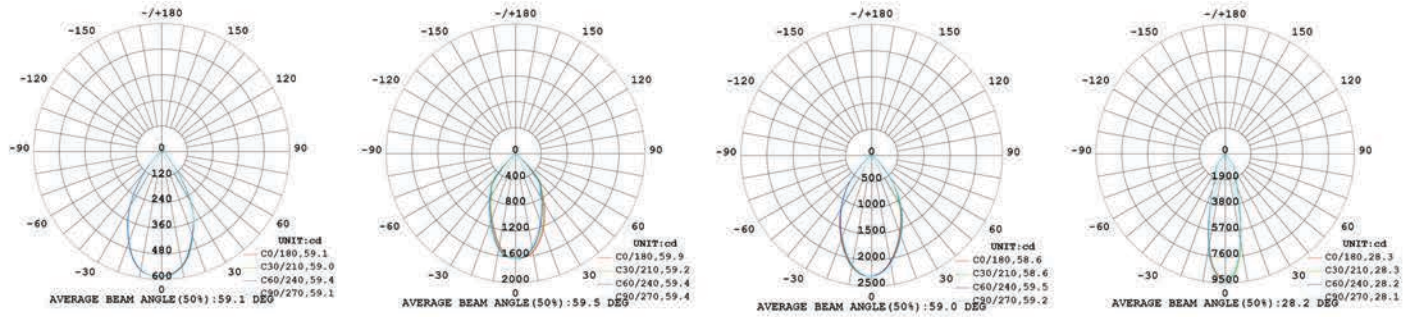
Ø125

12W

Ø195

20&30W

Photometric Data



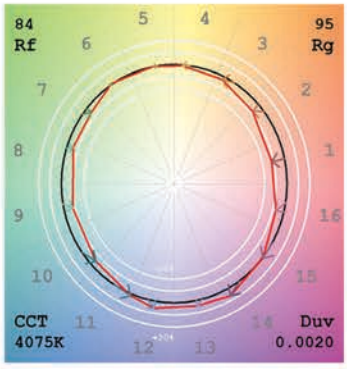
5W

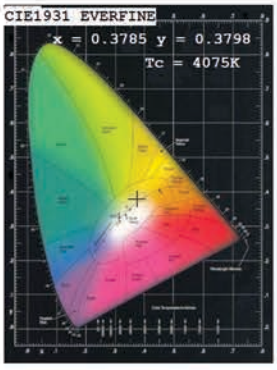
12W

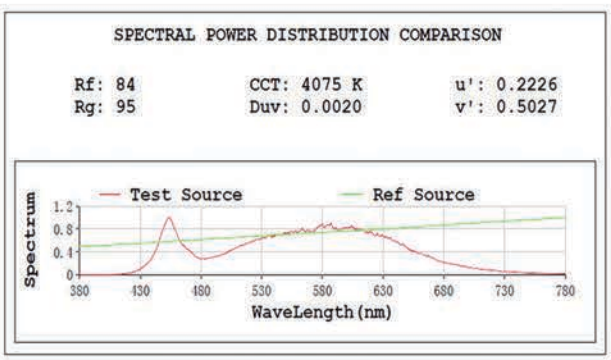
20W

30W

Spectrometry











LED SMD DOWN LIGHT

Down Light SMD

Recessed Down Light Powered by SMD LED, IP20.
Designed and created for office space and general indoors lighting.

BODY

Made of Die Cast Aluminum ring electrostatic coated after Phospho-Chromatation.
Heat sink anodized with PMMA lens.

LEDs

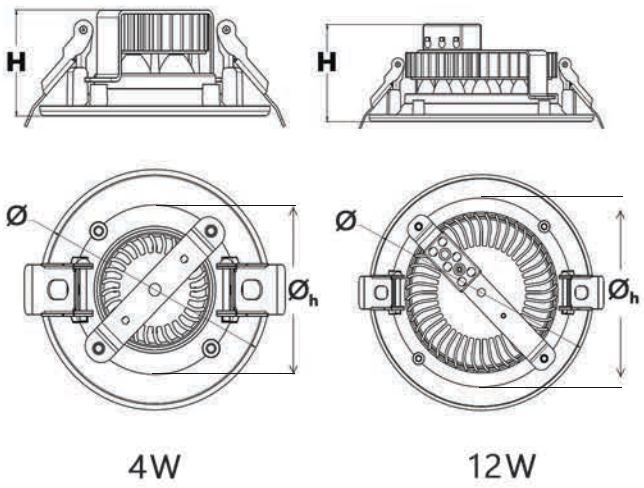
Availability of different power ratings and color temperatures.



Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxØhxH)
SLMD10-SMD004260--	DOWN LIGHT SMD 4W-6000K D10 IP20	4	0.800	425	100	40.5	80	6000	97*67*42
SLMD10-SMD004240--	DOWN LIGHT SMD 4W-4000K D10 IP20	4	0.800	425	100	40.5	80	4000	97*67*42
SLMD10-SMD004230--	DOWN LIGHT SMD 4W-3000K D10 IP20	4	0.800	425	100	40.5	80	3000	97*67*42
SLMD15-SMD012260--	DOWN LIGHT SMD 12W-6000K D15 IP20	12	0.970	1417	113	35.3	80	6000	144*114*65
SLMD15-SMD012240--	DOWN LIGHT SMD 12W-4000K D15 IP20	12	0.970	1417	113	35.3	80	4000	144*114*65
SLMD15-SMD012230--	DOWN LIGHT SMD 12W-3000K D15 IP20	12	0.970	1417	113	35.3	80	3000	144*114*65

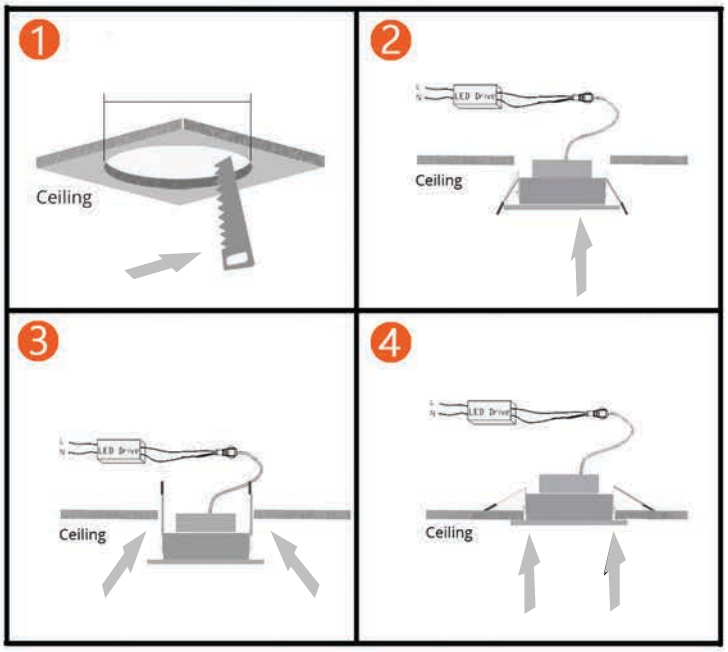
Zhaga IP 20

Dimensional Drawing



4W 12W

Install Guide



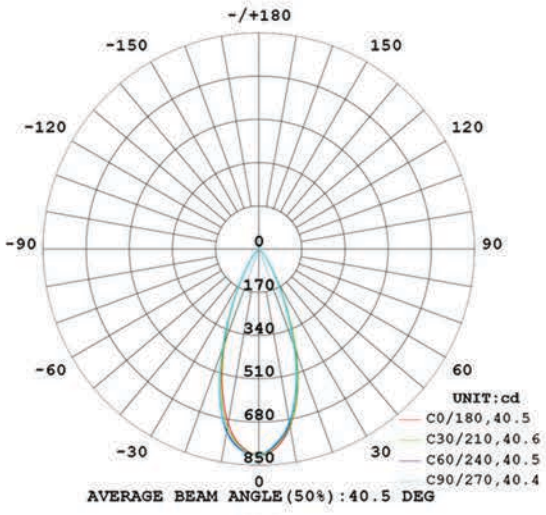
Cut-out Drawing



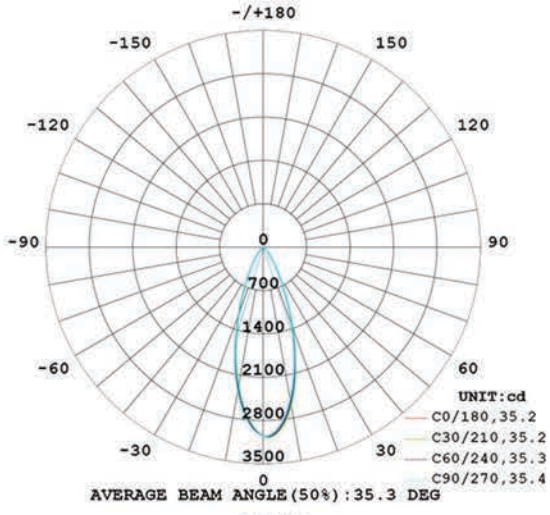
Ø 80 Ø 125

4W 12W

Photometric Data

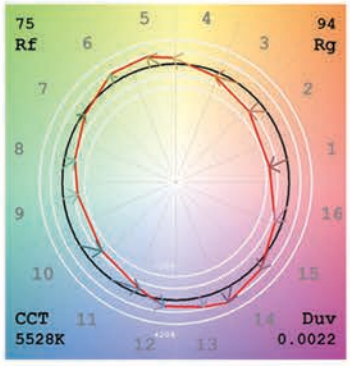


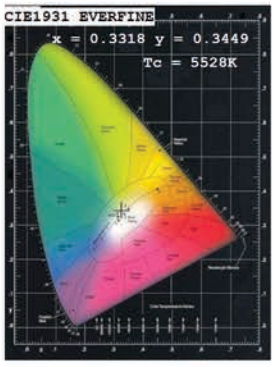
4W

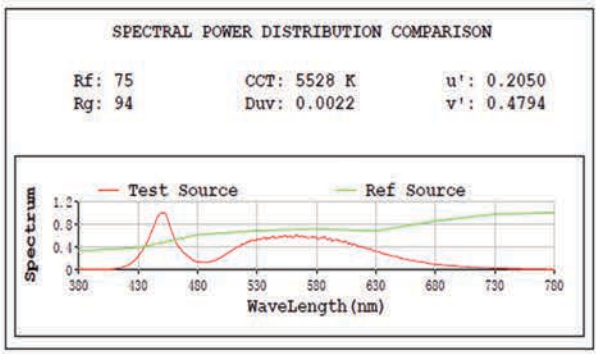


12W

Spectrometry











Spot Down Light

Recessed Down Light Spot COB Powered by LED, IP20.
Designed and created for recreational decorative lighting.

BODY

Made of Die Cast Aluminum chassis electrostatic coated after Phospho-Chromatation.
Heat sink with Specular reflector, Polycarbonate diffuser.

LEDs

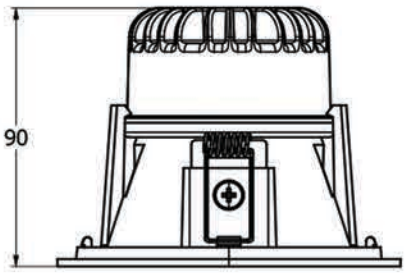
Availability of different color temperatures.

Library · Shopping Mall · Office · Conference Room · Hospital · School

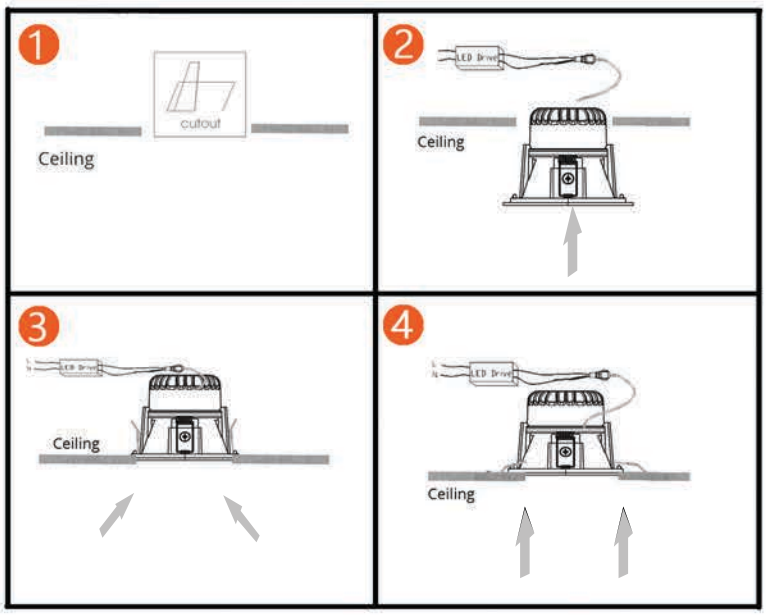
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (φxφhxH)
ZENSD12B-COB012230--	LED COB SPOT CIRCULAR DEEP 12W-3000K IP54	12	0.965	1260	95	12	83	3000	113φ*90φh*90
ZENSD12W-COB012230--	LED COB SPOT CIRCULAR DEEP 12W-3000K IP54	12	0.965	1260	95	12	83	3000	113φ*90φh*90
ZENSD11B-COB012230--	LED COB SPOT SQUARED DEEP 12W-3000K IP54	12	0.965	1254	100	30	83	3000	112L*96LH*90
ZENSD11W-COB012230--	LED COB SPOT SQUARED DEEP 12W-3000K IP54	12	0.965	1254	100	30	83	3000	112L*96LH*90
ZENSD12B-COB012240--	LED COB SPOT CIRCULAR DEEP 12W-4000K IP54	12	0.965	1260	95	12	83	4000	113φ*90φh*90
ZENSD12W-COB012240--	LED COB SPOT CIRCULAR DEEP 12W-4000K IP54	12	0.965	1260	95	12	83	4000	113φ*90φh*90
ZENSD11B-COB012240--	LED COB SPOT SQUARED DEEP 12W-4000K IP54	12	0.965	1254	100	30	83	4000	112L*96LH*90
ZENSD11W-COB012240--	LED COB SPOT SQUARED DEEP 12W-4000K IP54	12	0.965	1254	100	30	83	4000	112L*96LH*90
ZENSD12B-COB012260--	LED COB SPOT CIRCULAR DEEP 12W-6000K IP54	12	0.965	1260	95	12	83	6000	113φ*90φh*90
ZENSD12W-COB012260--	LED COB SPOT CIRCULAR DEEP 12W-6000K IP54	12	0.965	1260	95	12	83	6000	113φ*90φh*90
ZENSD11B-COB012260--	LED COB SPOT SQUARED DEEP 12W-6000K IP54	12	0.965	1254	100	30	83	6000	112L*96LH*90
ZENSD11W-COB012260--	LED COB SPOT SQUARED DEEP 12W-6000K IP54	12	0.965	1254	100	30	83	6000	112L*96LH*90

Zhaga IP 20

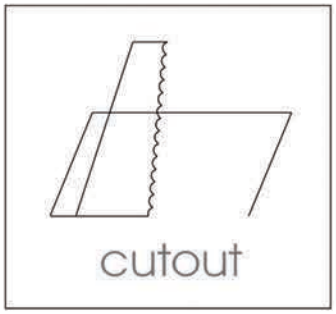
Dimensional Drawing



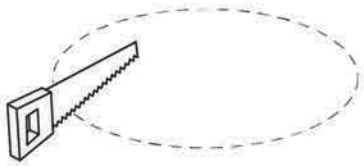
Install Guide



Cut-out Drawing

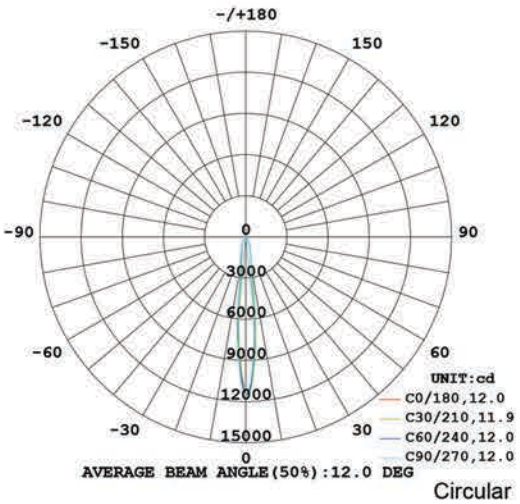


96*96

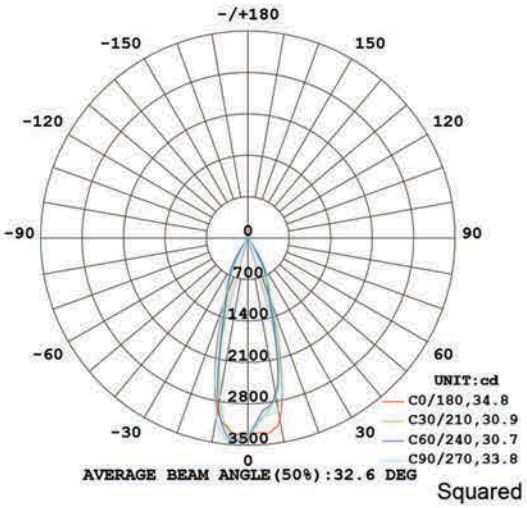


Ø90

Photometric Data

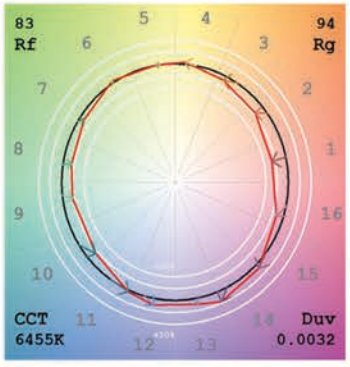


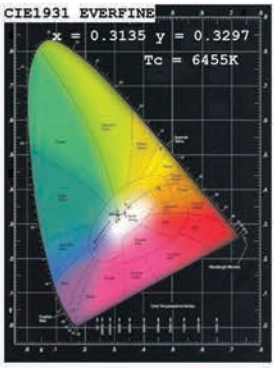
Circular

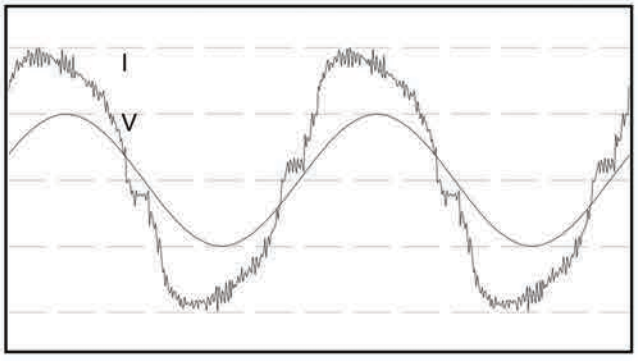


Squared

Spectrometry











E27 SURFACE MOUNTED DOWN LIGHT

Surface Mounted Down Light

surface mounted Down Light For E27 Bulb Base, IP20.
Designed and created for decorative and main lighting.

Library Shopping Mall Office

BODY

Made of Die cast / extruded Aluminum electrostatic coated after Phospho-Chromatation.
Heat sink with PMMA lens, Polished anodized aluminum reflector.

Conference Room Hospital School

Bulb

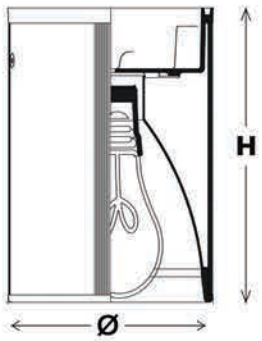
Availability of different power ratings and color temperatures.

Item Code	Item Description	Power (w)	Power Supply (V)	LOR (%)	Diffuser	Spread angle (o)	Dimensions (ØxH)
--CRS-E27000000	CYLINDER SURFACE E27 L196 IP20	UP TO 100	220	48.5	Open	118	136*195

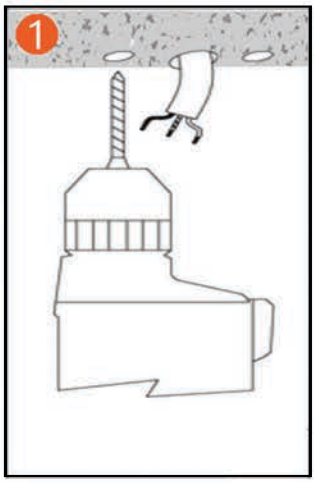
Note Measurements are based on 12W LED Bulb

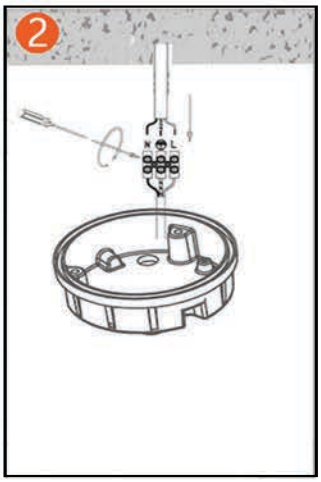
Zhaga IP 20

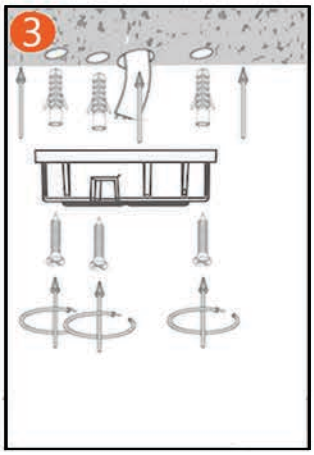
Dimensional Drawing

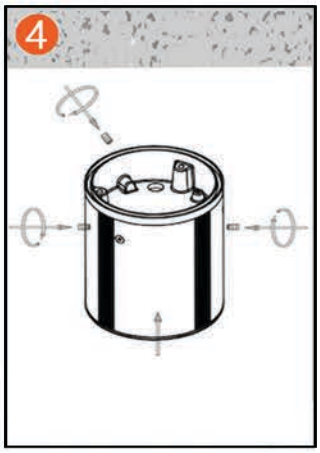


Install Guide

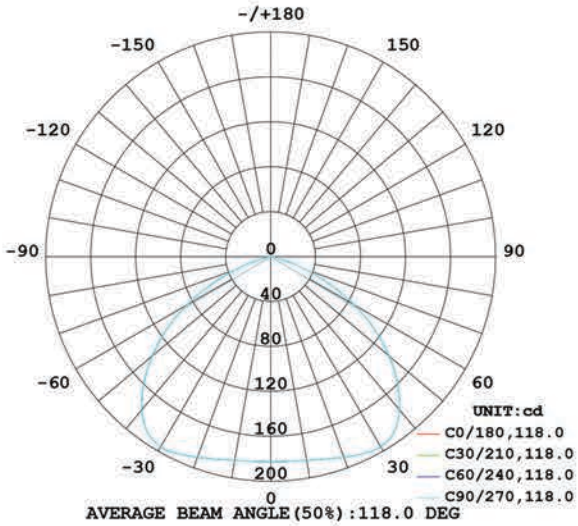




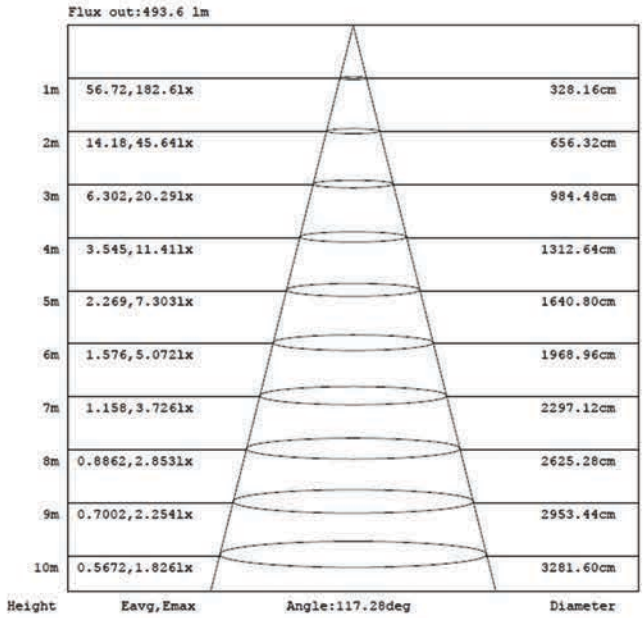




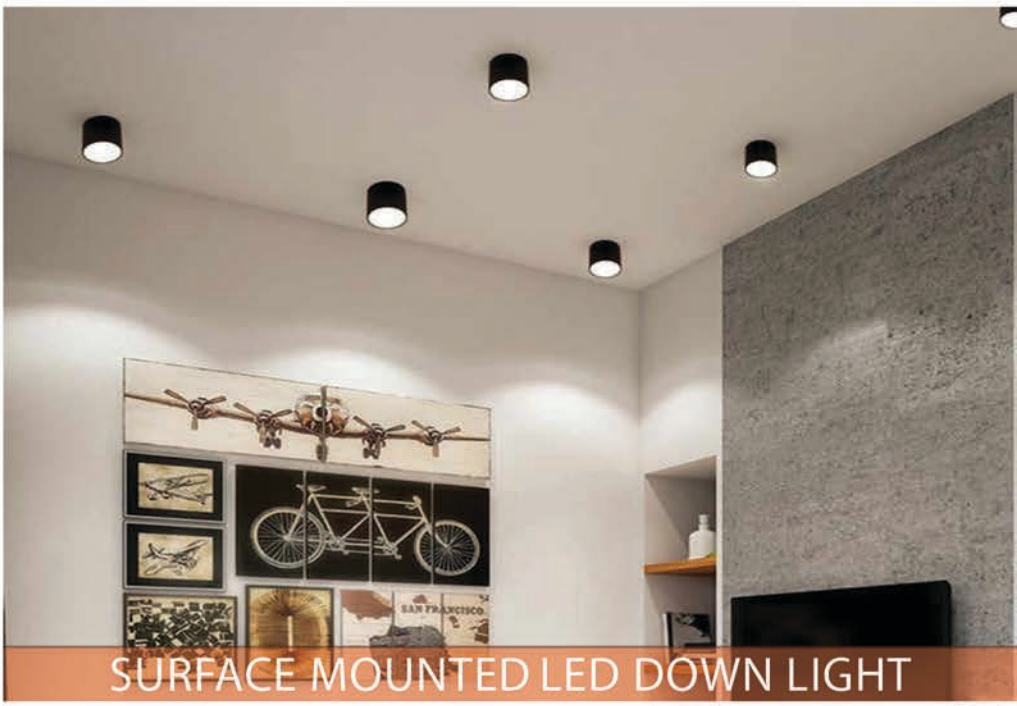
Photometric Data



Horizontal illuminance







Surface Mounted Down Light

Surface mounted Down Light Powered by SMD or COB,LED IP42.
Designed and created for decorative and main lighting.



BODY

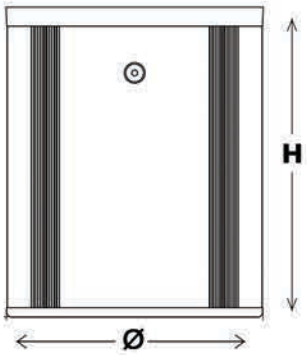
Made of Die cast/extruded Aluminum electrostatic coated after Phospho-Chromatation.
Heat sink with PMMA lens, Polished anodized aluminum reflector.

LEDs

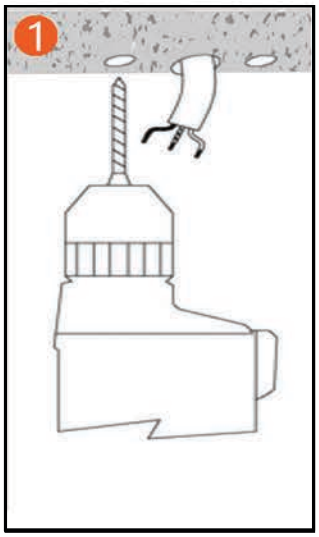
Availability of different power ratings and color temperatures.

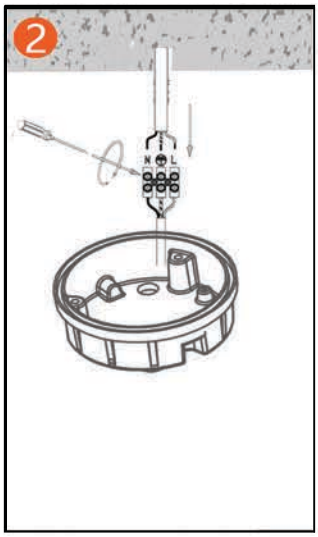
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxH)
CRSR1-COB012230--	CYLINDER SURFACE MOUNTED LED DOWN LIGHT COB 12W-6000K IP54	12	0.97	1417	100	28	83.3	6000	135*150
CRSR1-COB012240--	CYLINDER SURFACE MOUNTED LED DOWN LIGHT COB 12W-6000K IP54	12	0.97	1417	100	28	83.3	4000	135*150
CRSR1-COB012260--	CYLINDER SURFACE MOUNTED LED DOWN LIGHT COB 12W-6000K IP54	12	0.97	1417	100	28	83.3	3000	135*150
CRSR1-COB020230--	CYLINDER SURFACE MOUNTED LED DOWN LIGHT COB 12W-6000K IP54	20	0.97	1435	100	60	83.3	6000	135*150
CRSR1-COB020240--	CYLINDER SURFACE MOUNTED LED DOWN LIGHT COB 12W-6000K IP54	20	0.97	1435	100	60	83.3	4000	135*150
CRSR1-COB020260--	CYLINDER SURFACE MOUNTED LED DOWN LIGHT COB 12W-6000K IP54	20	0.97	1435	100	60	83.3	3000	135*150

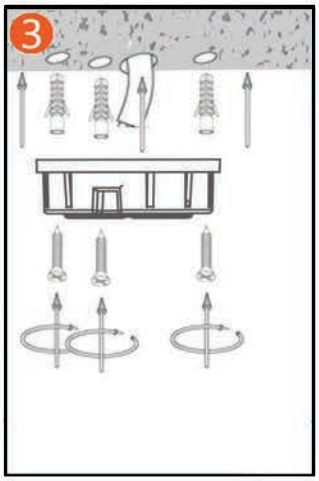
Dimensional Drawing

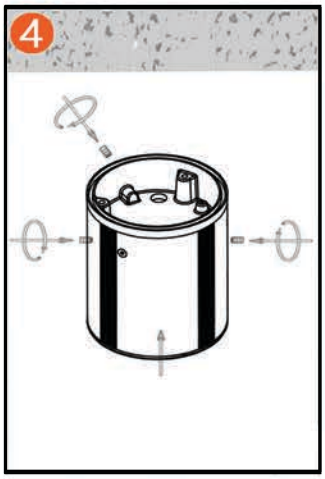


Install Guide

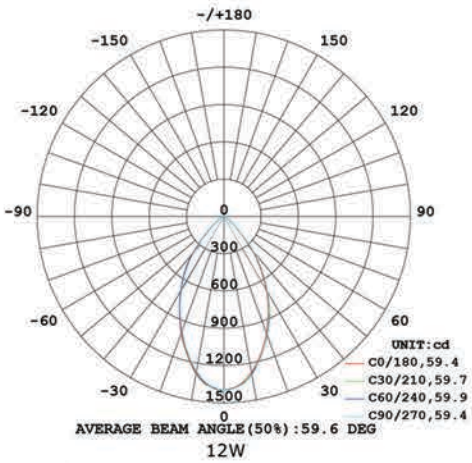




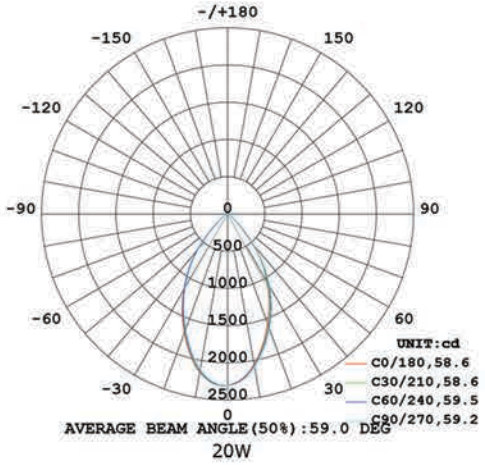




Photometric Data

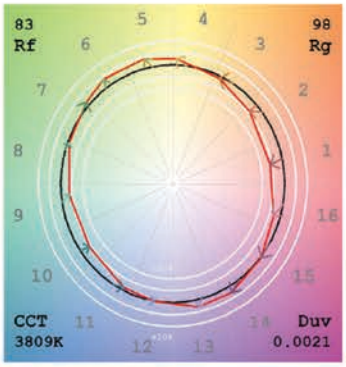


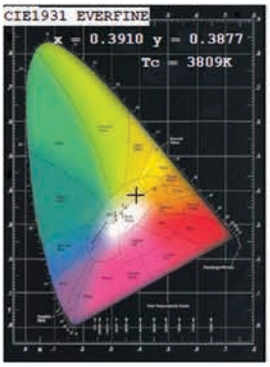
12W

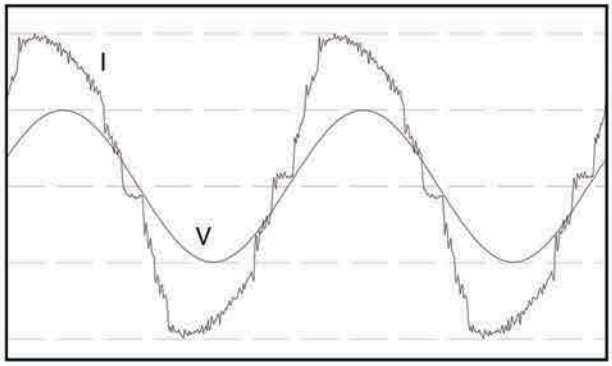


20W

Spectrometry











LED Back Light (Grill)
Recessed /Surface mounted luminaire Powered by SMD LEDs, IP20.
Designed and created for office space and general indoors lighting.



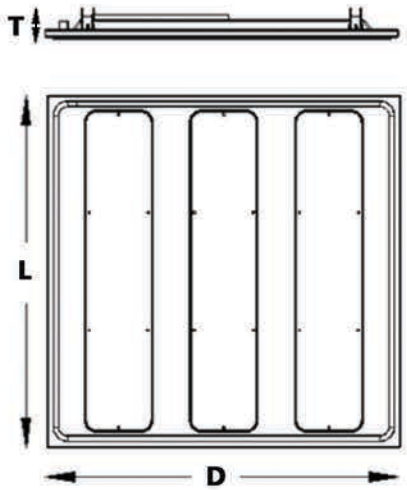
Body
Made of press formed sheet steel electrostatic white coated after Phospho-Chromatation with Aluminum section frame complete with Anti-glare PET-Milky diffuser.

LEDs
Availability of different color temperatures.

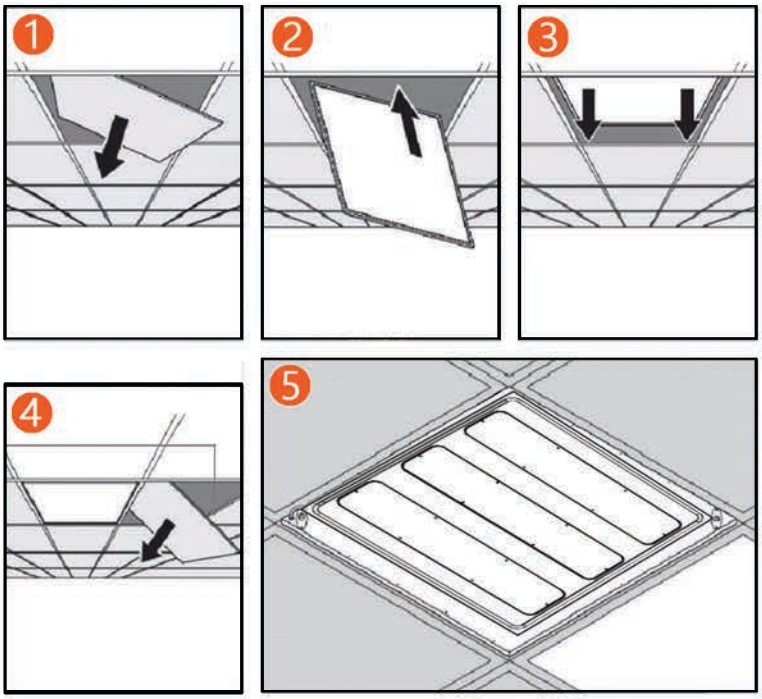
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (DxLxT)
GRILL-SMD040260--	OFFICE SMD 40W AUPAL FACE-6000K IP20	40	0.972	4186	106	109.4	83.5	6000	595*595*41
GRILL-SMD040240--	OFFICE SMD 40W AUPAL FACE-4000K IP20	40	0.972	4186	106	109.4	83.5	4000	595*595*41
GRILL-SMD040230--	OFFICE SMD 40W AUPAL FACE-3000K IP20	40	0.972	4186	106	109.4	83.5	3000	595*595*41

Zhaga IP 20

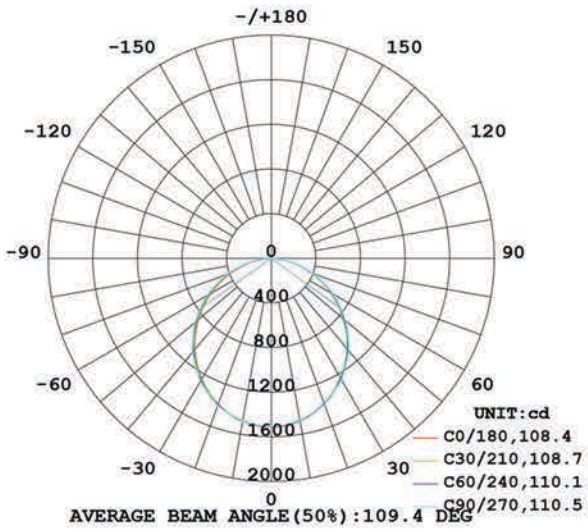
Dimensional Drawing



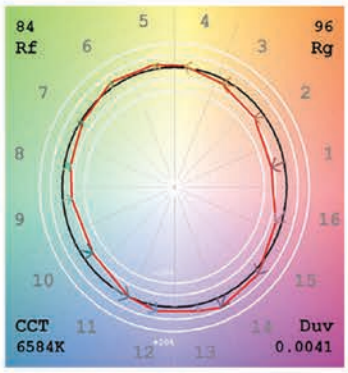
Install Guide

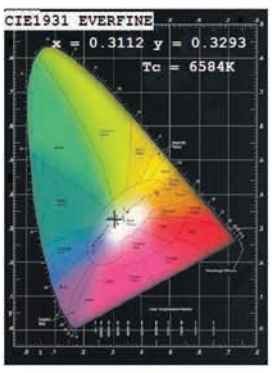


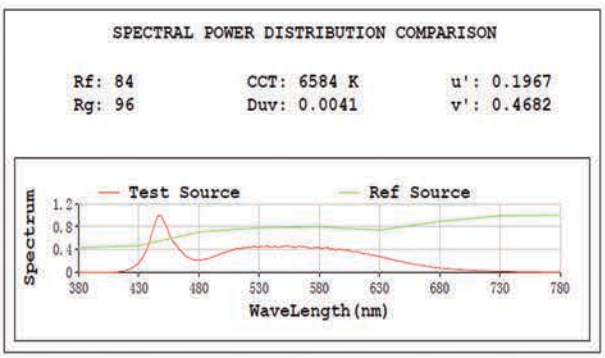
Photometric Data

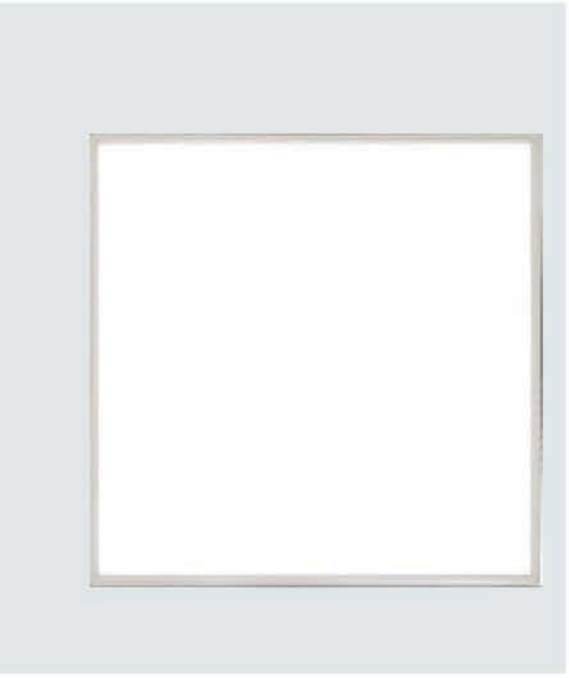


Spectrometry











LED Back Light (Matrix)
Recessed /Surface mounted luminaire Powered by SMD LEDs, IP42.
Designed and created for office space and general indoors lighting.

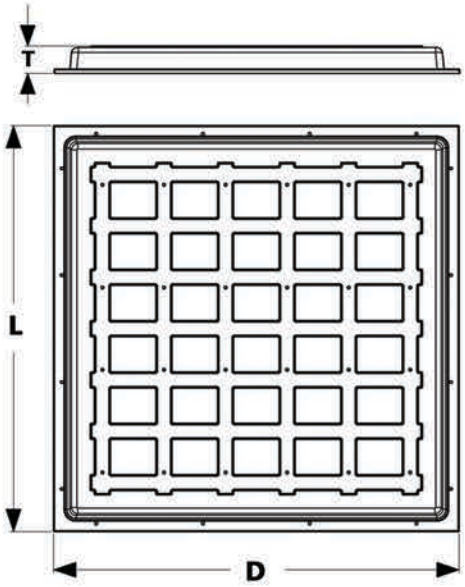


Body
Made of press formed sheet steel electrostatic white coated after Phospho-Chromatation with Die Casted aluminium frame complete with Anti-glare polystyrene-milky diffuser.

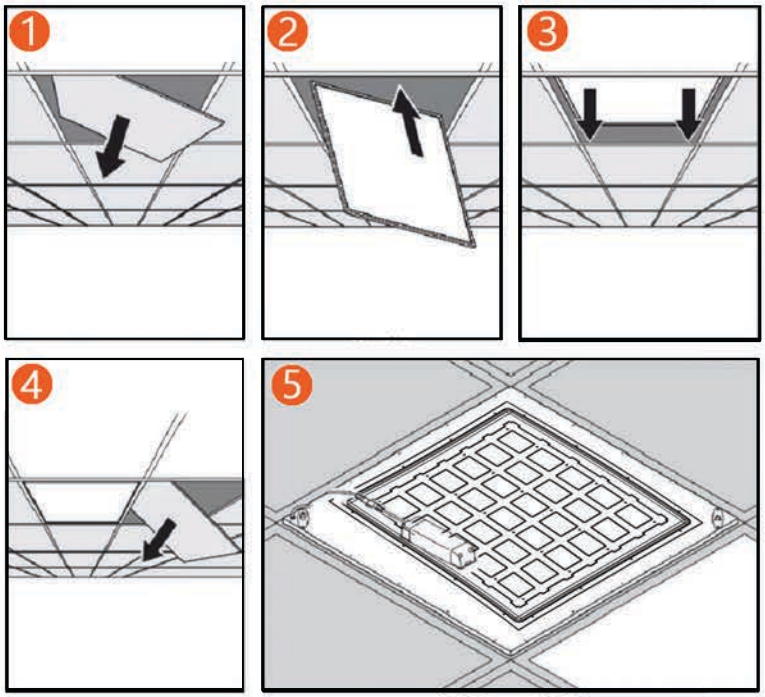
LEDs
Availability of different color temperatures.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (DxLxT)
MATRIX-SMD045260--	OFFICE SMD 45W-6000K IP42	45	0.970	4340	100	114.4	80	6000	595*595*50
MATRIX-SMD045240--	OFFICE SMD 45W-4000K IP42	45	0.970	4340	100	114.4	80	4000	595*595*50
MATRIX-SMD045230--	OFFICE SMD 45W-3000K IP42	45	0.970	4340	100	114.4	80	3000	595*595*50

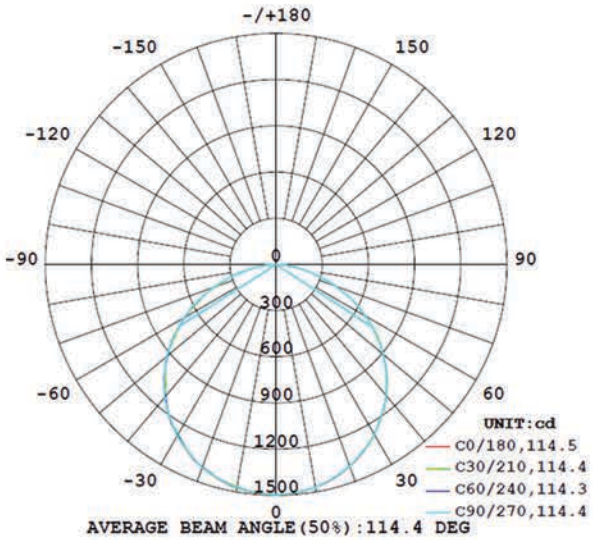
Dimensional Drawing



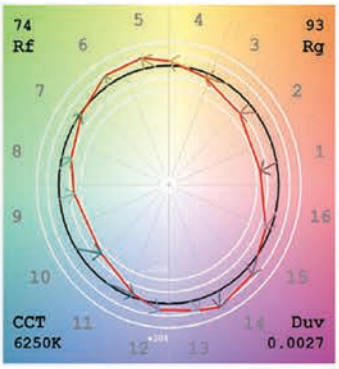
Install Guide

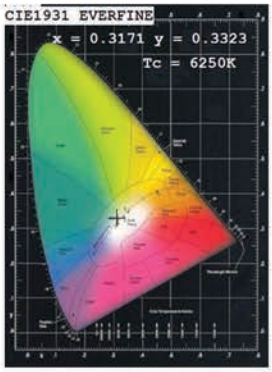


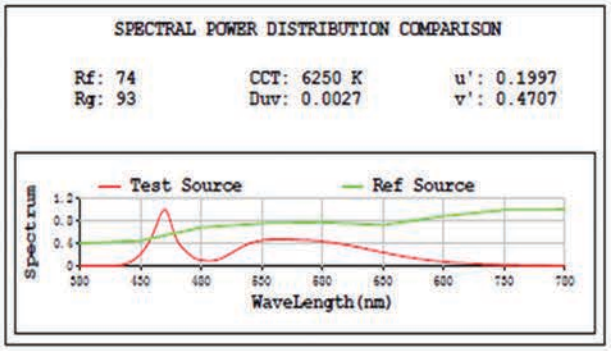
Photometric Data

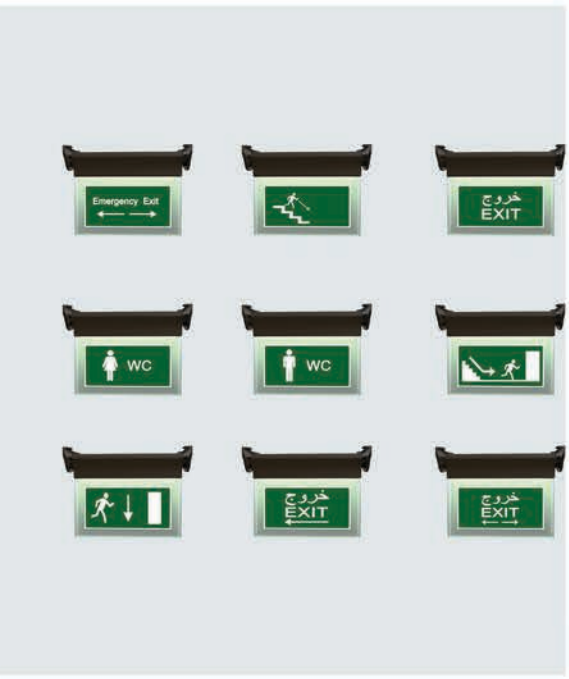


Spectrometry











Exit Sign Emergency

LED Exit sign emergency ceiling/wall fixation, IP41.
Designed and created for emergency backup needs of exits and general labeling.

Hospital · Residence Area · Hotel
Factory · Office · Shopping Mall

BODY

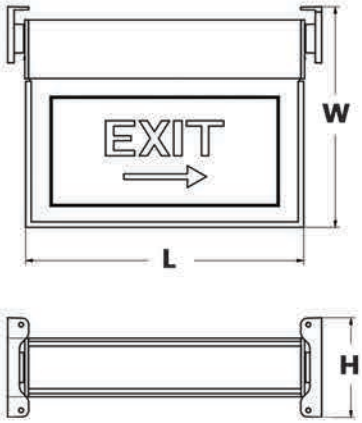
Aluminum section electrostatic coated after Phospho-Chromatation.
ABS Holders, injection molded Acrylic, Single or double sided, Reflector edge.

LEDs

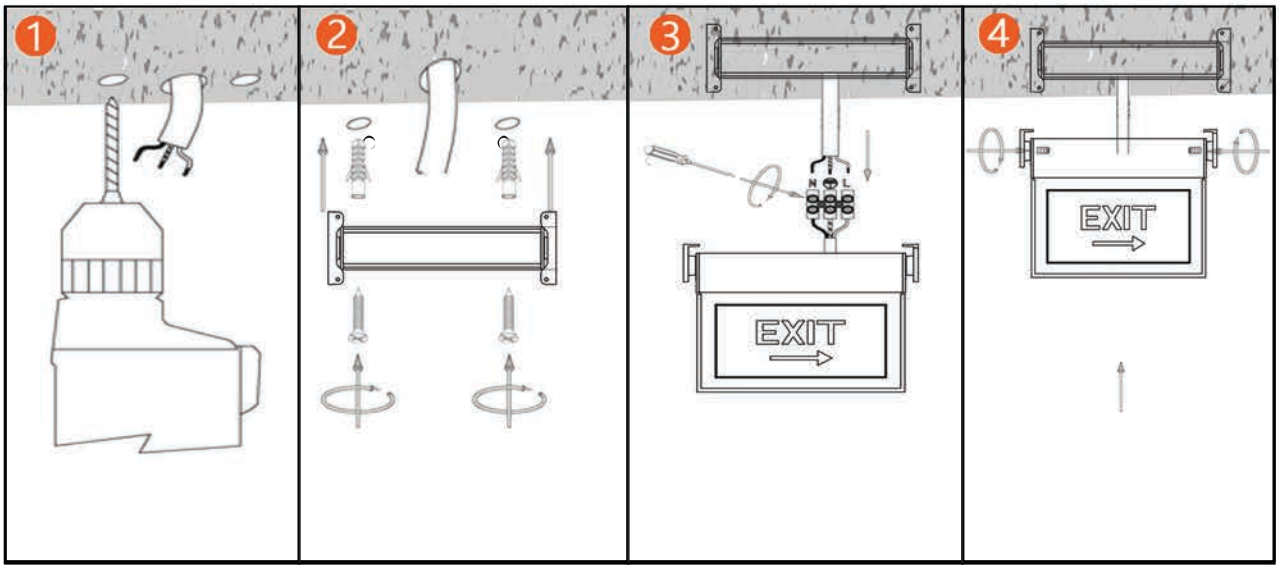
Green color LED SMD Power 4W (maintained).
Battery Backup time 6 hours.

Item Code	Item Description	Power (w)	Battery	CCT	Dimensions
EMEX1-SMD004000--	EMERGENCY LIGHTING1 SMD 4W- L30 IP41	4	Li-ion Battery, 3.7V 18650	Green	346*245*111
EMEX2-SMD004000--	EMERGENCY LIGHTING2 SMD 4W- L30 IP41	4	Li-ion Battery, 3.7V 18650	Green	346*245*111
EMEX3-SMD004000--	EMERGENCY LIGHTING3 SMD 4W- L30 IP41	4	Li-ion Battery, 3.7V 18650	Green	346*245*111
EMEX4-SMD004000--	EMERGENCY LIGHTING4 SMD 4W- L30 IP41	4	Li-ion Battery, 3.7V 18650	Green	346*245*111
EMEX5-SMD004000--	EMERGENCY LIGHTING5 SMD 4W- L30 IP41	4	Li-ion Battery, 3.7V 18650	Green	346*245*111
EMEX6-SMD004000--	EMERGENCY LIGHTING6 SMD 4W- L30 IP41	4	Li-ion Battery, 3.7V 18650	Green	346*245*111
EMEX7-SMD004000--	EMERGENCY LIGHTING7 SMD 4W- L30 IP41	4	Li-ion Battery, 3.7V 18650	Green	346*245*111
EMEX8-SMD004000--	EMERGENCY LIGHTING8 SMD 4W- L30 IP41	4	Li-ion Battery, 3.7V 18650	Green	346*245*111
EMEX9-SMD004000--	EMERGENCY LIGHTING9 SMD 4W- L30 IP41	4	Li-ion Battery, 3.7V 18650	Green	346*245*111
EMEX10-SMD004000--	EMERGENCY LIGHTING10 SMD 4W- L30 IP41	4	Li-ion Battery, 3.7V 18650	Green	346*245*111
EMEX11-SMD004000--	EMERGENCY LIGHTING11 SMD 4W- L30 IP41	4	Li-ion Battery, 3.7V 18650	Green	346*245*111
EMEX12-SMD004000--	EMERGENCY LIGHTING12 SMD 4W- L30 IP41	4	Li-ion Battery, 3.7V 18650	Green	346*245*111
EMEX13-SMD004000--	EMERGENCY LIGHTING13 SMD 4W- L30 IP41	4	Li-ion Battery, 3.7V 18650	Green	346*245*111

Dimensional Drawing



Install Guide



Industrial

-LED Weatherproof

-G13 Weatherproof Tube Luminaire

-LED High bay 100W

-LED High bay 160W

-LED High bay 200W



LIGHTING







LED WEATHER PROOF LUMINAIRE

LED Dust/Water proof
Surface mounted/Suspended luminaire,Powered by LED Modules, IP65, IK08.
Designed and created for manufacturing plants and factories lighting.



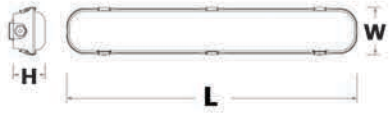
Body
Made of ABS,Milky poly carbonate diffuser stable against acids and alkalis.

LEDs
Availability of different power ratings and color temperatures.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (LxWxH)
NTT1S-SMD018240--	DUST PROOF LED STRIP 60CM MILKY OBAL ONE LINE SMD 18W-4000K IP65	18	0.855	2195	102.84	131.3	85.9	4000	600*75*85
NTT1M-SMD036240--	DUST PROOF LED STRIP 120CM MILKY OBAL ONE LINE SMD 36W-4000K IP65	36	0.983	4220	104.77	131	83.1	4000	1200*75*85

Zhaga IP 65

Dimensional Drawing

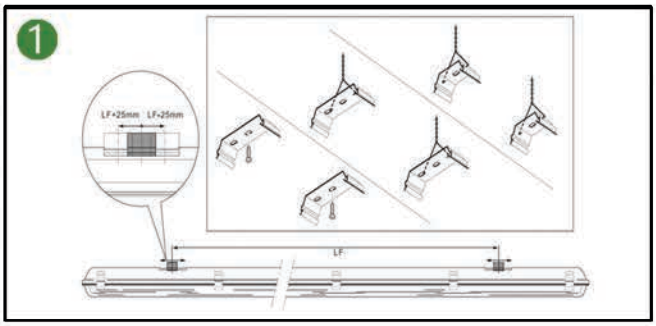


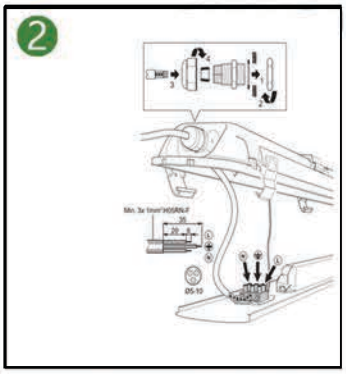
18W

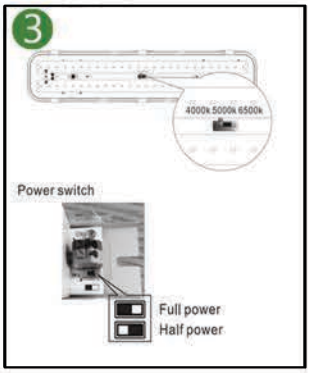


36W

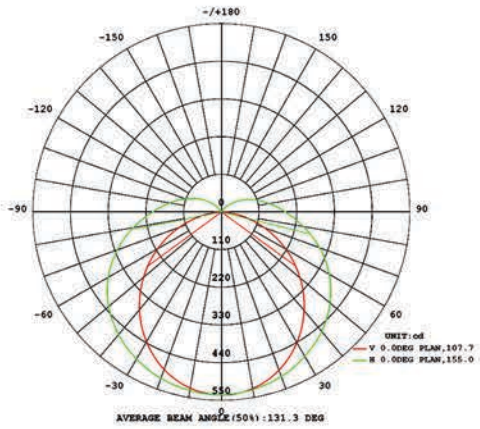
Install Guide



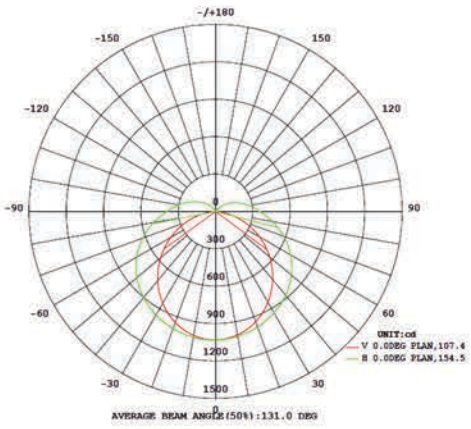




Photometric Data

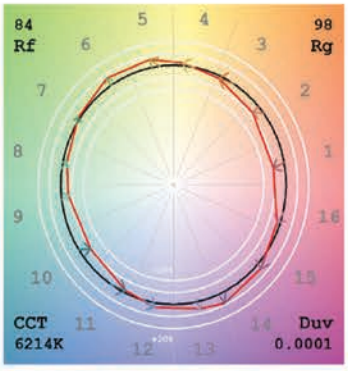


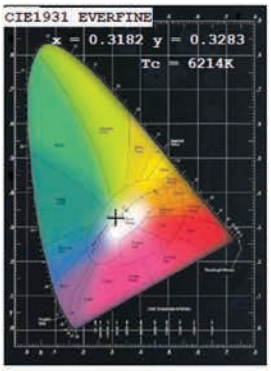
60cm,18W

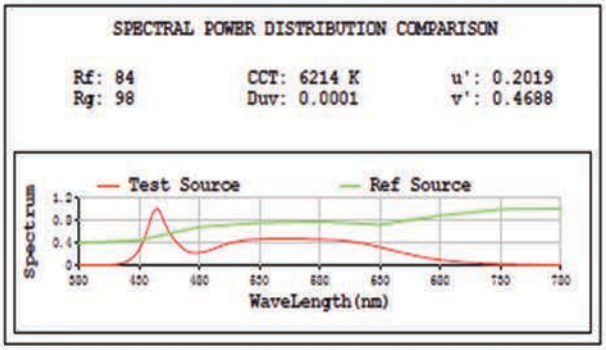


120cm,36W

Spectrometry











Weatherproof Tube Luminaire

Weatherproof Tube Luminaire
Surface mounted/Suspended luminaire,G13 Tube base (single/dual)
60/120cm IP65 IK08.
Designed and created for manufacturing plants and factories lighting.

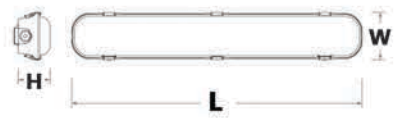


BODY
Body made of Acrylonitrile butadiene styrene (ABS).

BULB
Availability of different power ratings and color temperatures.

Item Code	Item Description	Power (w)	Power Supply (V)	LOR (%)	Diffuser	Spread angle (o)	Dimensions (LxWxH)
WTT1S-G13000000--	Weatherproof G13 Tube Luminaire 1*60cm	UP TO 25	220	81	Semi-prismatic Poly carbonate	113	655*110*70
WTT2S-G13000000--	Weatherproof G13 Tube Luminaire 2*60cm	UP TO 25	220	81	Semi-prismatic Poly carbonate	113	655*110*70
WTT1M-G13000000--	Weatherproof G13 Tube Luminaire 1*120cm	UP TO 50	220	81	Semi-prismatic Poly carbonate	113	1270*110*70
WTT2M-G13000000--	Weatherproof G13 Tube Luminaire 2*120cm	UP TO 50	220	81	Semi-prismatic Poly carbonate	113	1270*110*70

Dimensional Drawing

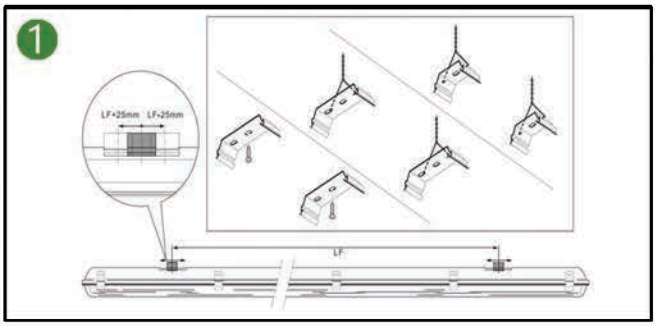


18W

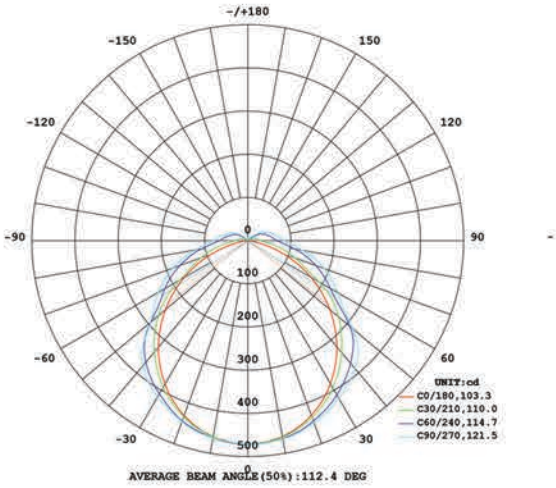


36W

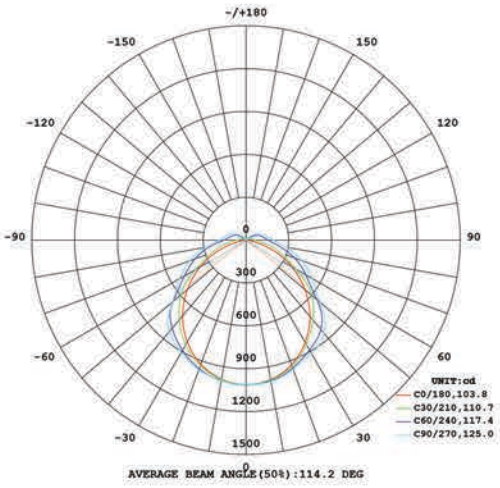
Install Guide



Photometric Data

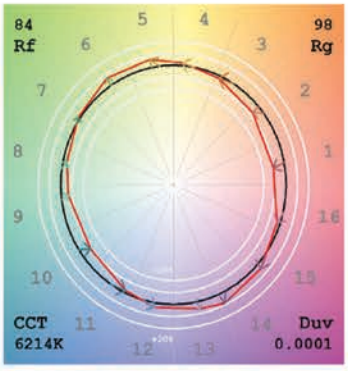


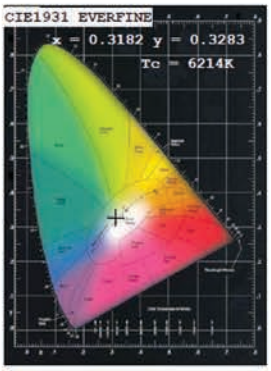
2 * typical T8 60cm 9W
100 Lm/W LED tubes w/
half circle spread

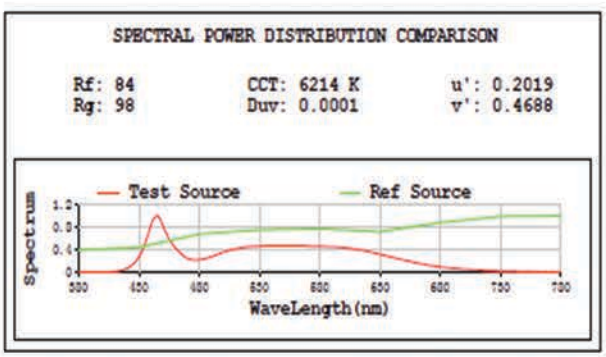


2 * typical T8 120cm 18W
100 Lm/W LED tubes w/
half circle spread

Spectrometry













Convex Lens



Circular Lens



Industrial High Bay Luminaire

Wall/Ceiling mounted luminaire, Powered by LED SMD light, IP65 and IK08.
Designed and created for workshops, garages and factories lighting.

Industrial Warehouse Station

Gymnasium

Body

Made of Die-cast aluminum coated after phospho-chromatation.
Use with Clear convex glass or Circular PMMA Lenses.
High photometric performance.

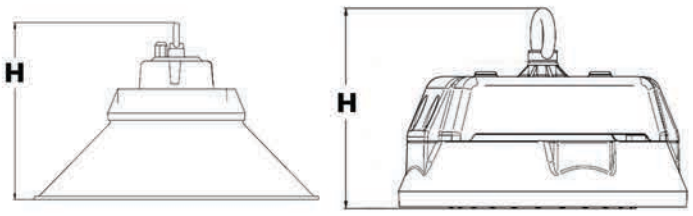
LEDs

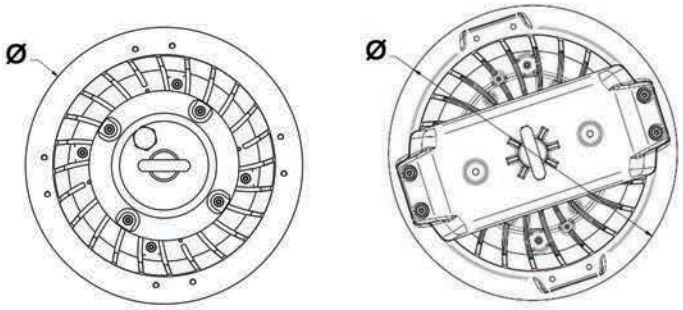
Availability of different color temperatures.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxH)
HILIFER-SMD105260--	HIGHLIFE WITH REFLECTOR AND CONVEX LENS SMD 105W-6000K IP65	105	0.988	10684	106.96	99.3	83.9	6000	498*300
HILIFER-SMD105240--	HIGHLIFE WITH REFLECTOR AND CONVEX LENS SMD 105W-4000K IP65	105	0.988	10684	106.96	99.3	83.9	4000	498*300
HILIFER-SMD105230--	HIGHLIFE WITH REFLECTOR AND CONVEX LENS SMD 105W-3000K IP65	105	0.988	10684	106.96	99.3	83.9	3000	498*300
HILIFEL-SMD105260--	HIGHLIFE WITHOUT REFLECTOR WITH CIRCULAR LENS SMD 105W-6000K IP65	105	0.988	10746	105.20	80.7	83.9	6000	245*163
HILIFEL-SMD105240--	HIGHLIFE WITHOUT REFLECTOR WITH CIRCULAR LENS SMD 105W-4000K IP65	105	0.988	10746	105.20	80.7	83.9	4000	245*163
HILIFEL-SMD105230--	HIGHLIFE WITHOUT REFLECTOR WITH CIRCULAR LENS SMD 105W-3000K IP65	105	0.988	10746	105.20	80.7	83.9	3000	245*163
HILIFEB-SMD105260--	HIGHLIFE WITHLENS AND RECTANGULAR DRIVER BOX SMD 105W-6000K IP65	105	0.988	10746	105.20	80.7	83.9	6000	245*163
HILIFEB-SMD105240--	HIGHLIFE WITHLENS AND RECTANGULAR DRIVER BOX SMD 105W-4000K IP65	105	0.988	10746	105.20	80.7	83.9	4000	245*163
HILIFEB-SMD105230--	HIGHLIFE WITHLENS AND RECTANGULAR DRIVER BOX SMD 105W-3000K IP65	105	0.988	10746	105.20	80.7	83.9	3000	245*163
HILIFEH-SMD105260--	HIGHLIFE WITH LENS AND RECTANGULAR DRIVER BOX ANDHOLDER WALL LIGHTING SMD 105W-6000K IP65	105	0.988	10746	105.20	80.7	83.9	6000	245*163
HILIFEH-SMD105240--	HIGHLIFE WITH LENS AND RECTANGULAR DRIVER BOX ANDHOLDER WALL LIGHTING SMD 105W-4000K IP65	105	0.988	10746	105.20	80.7	83.9	4000	245*163
HILIFEH-SMD105230--	HIGHLIFE WITH LENS AND RECTANGULAR DRIVER BOX ANDHOLDER WALL LIGHTING SMD 105W-3000K IP65	105	0.988	10746	105.20	80.7	83.9	3000	245*163

Zhaga IP 65

Dimensional Drawing

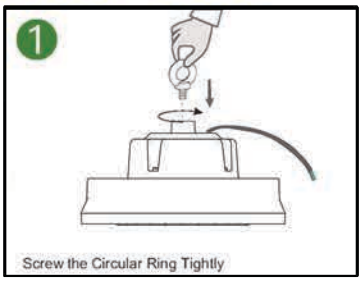


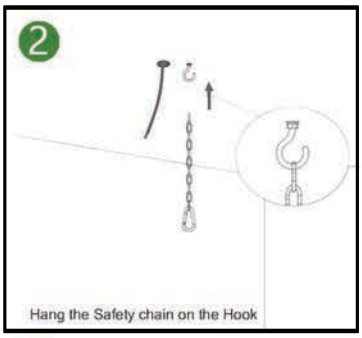


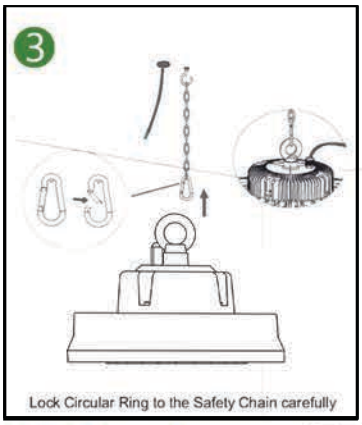
With Reflector

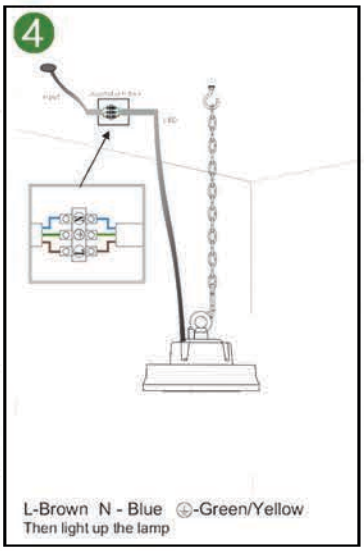
Without Reflector

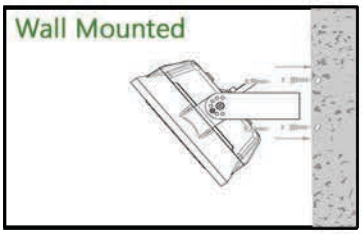
Install Guide



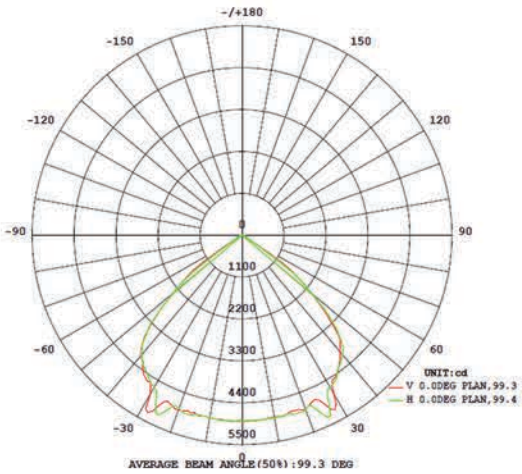




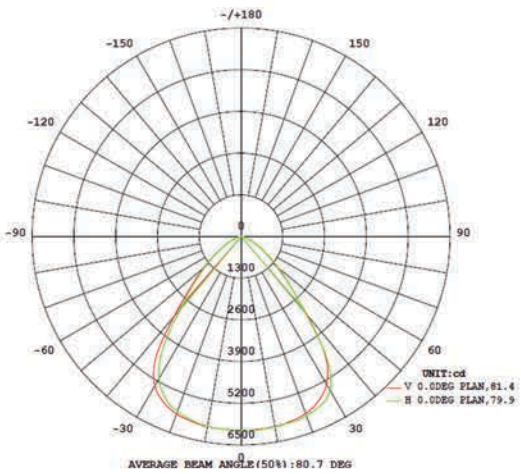




Photometric Data

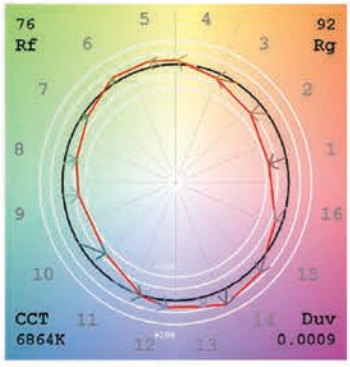


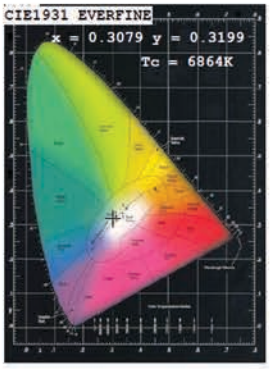
Convex Glass Lens

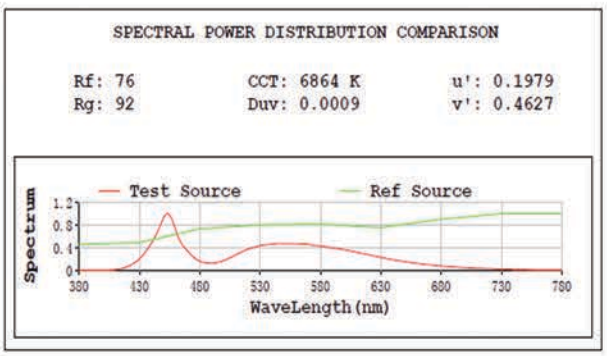


Circular PMMA Lens

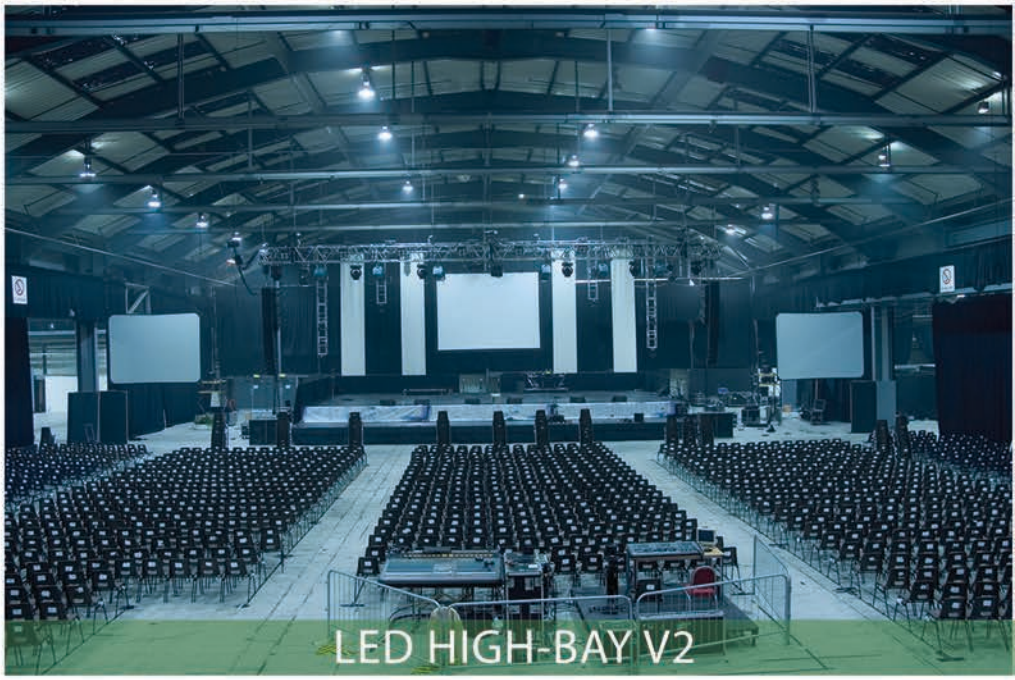
Spectrometry











Industrial High Bay
Suspended Luminaire,Powered by SMD LED Light sources, IP65, IK08.
Designed and created for manufacturing plants and factories lighting.

Industrial Warehouse Station

Gymnasium

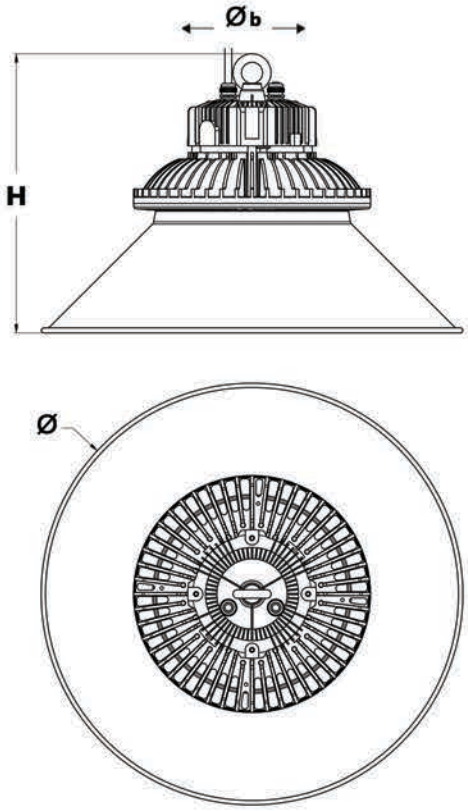
Body
Made of Die cast aluminum electrostatic coated after Phospho-Chromatation.
Electrostatically coated Press formed aluminum sheet reflector with Clear glass Lenses.
High photometric performance.

LEDs
Availability of different color temperatures.

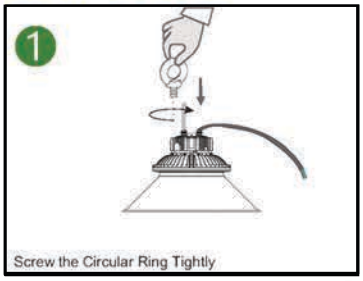
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØtxHxØb)
--HFL-SMD160260	HIGHBAY WITH REFLECTOR SMD 160W-6000K IP65	160	0.977	16075	99.02	106.8	84.5	6000	495*295*280
--HFL-SMD160240	HIGHBAY WITH REFLECTOR SMD 160W-4000K IP65	160	0.977	16075	99.02	106.8	84.5	4000	495*295*280
--HFL-SMD160230	HIGHBAY WITH REFLECTOR SMD 160W-3000K IP65	160	0.977	16075	99.02	106.8	84.5	3000	495*295*280

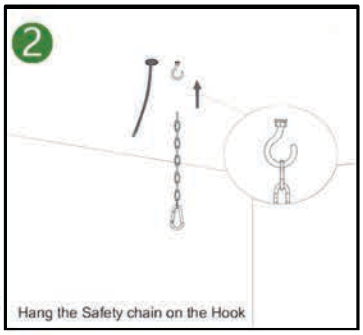
Zhaga IP 65

Dimensional Drawing

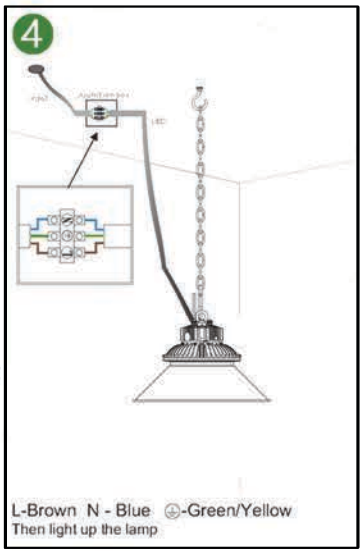


Install Guide

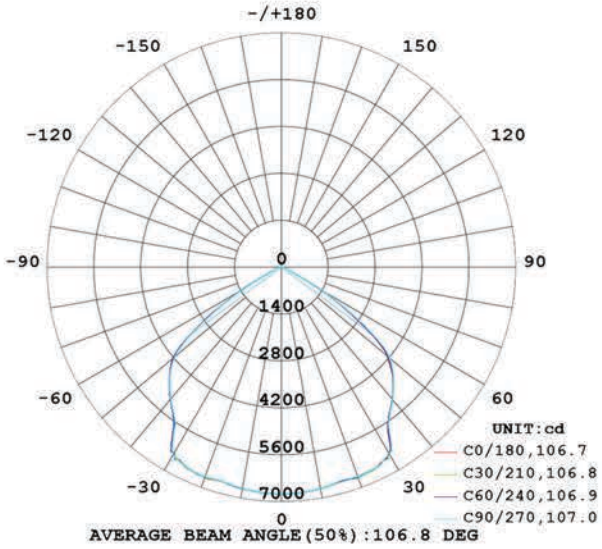




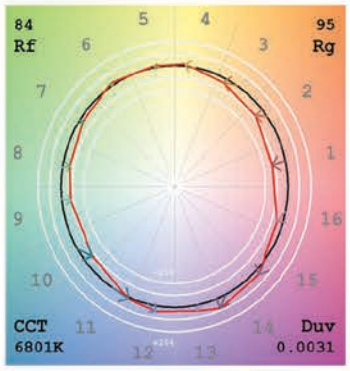


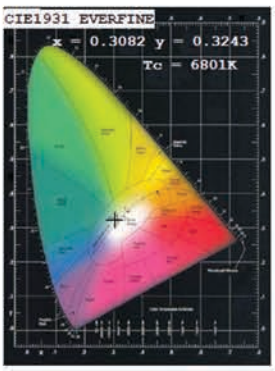


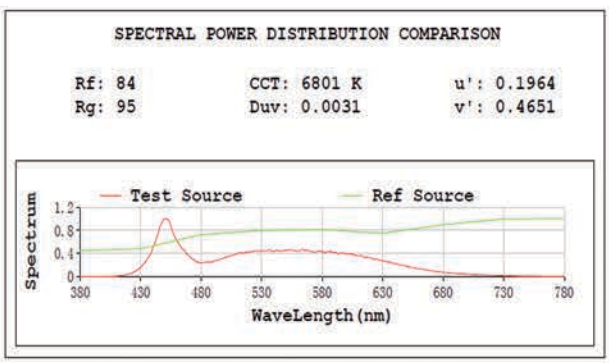
Photometric Data



Spectrometry











LED HIGH-BAY V3

Industrial High Bay
Suspended Luminaire, Powered by SMD LED Light sources, IP65, IK08.
Designed and created for manufacturing plants and factories lighting.



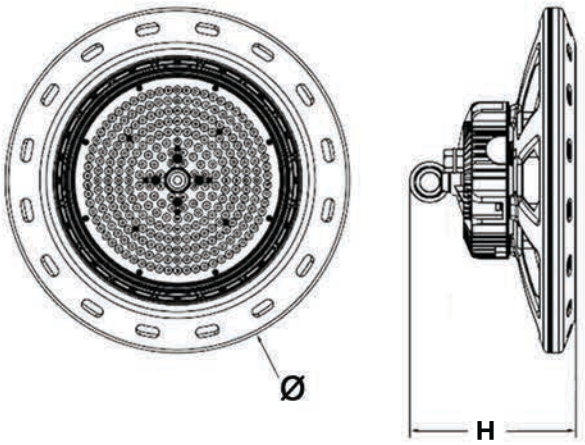
Body
Made of Die cast aluminum electrostatic coated after Phospho-Chromatation.
PMMA glass Lenses,without reflector.
High photometric performance.

LEDs
Availability of color temperatures.

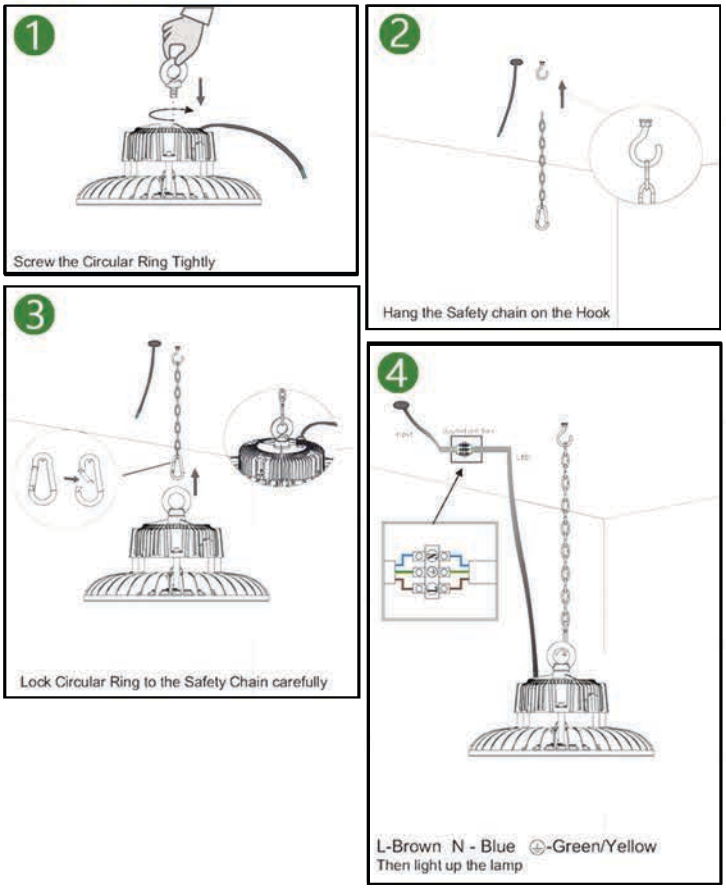
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (°)	CRI	CCT (K)	Dimensions (ØxH)
--SPHFL-SMD200260	LED HIGH BAY SMD 200W 6000K IP65	200	0.994	22451	113.5	93.7	84.6	6000	390*100

Zhaga IP 65

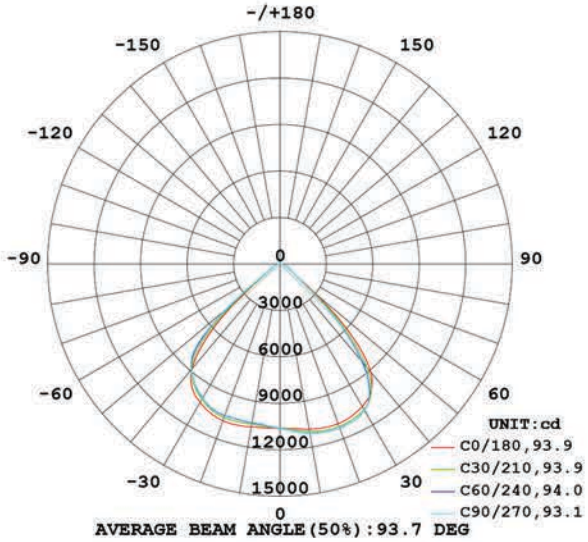
Dimensional Drawing



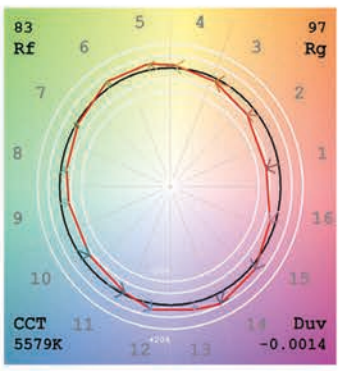
Install Guide

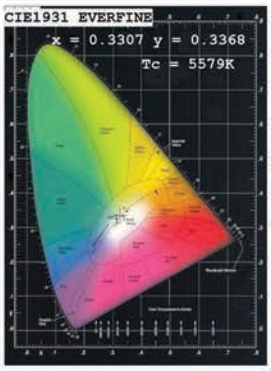


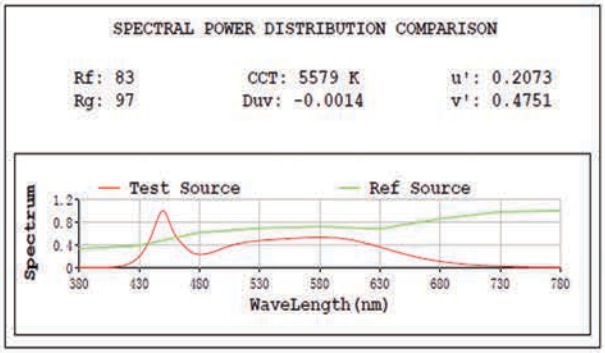
Photometric Data



Spectrometry



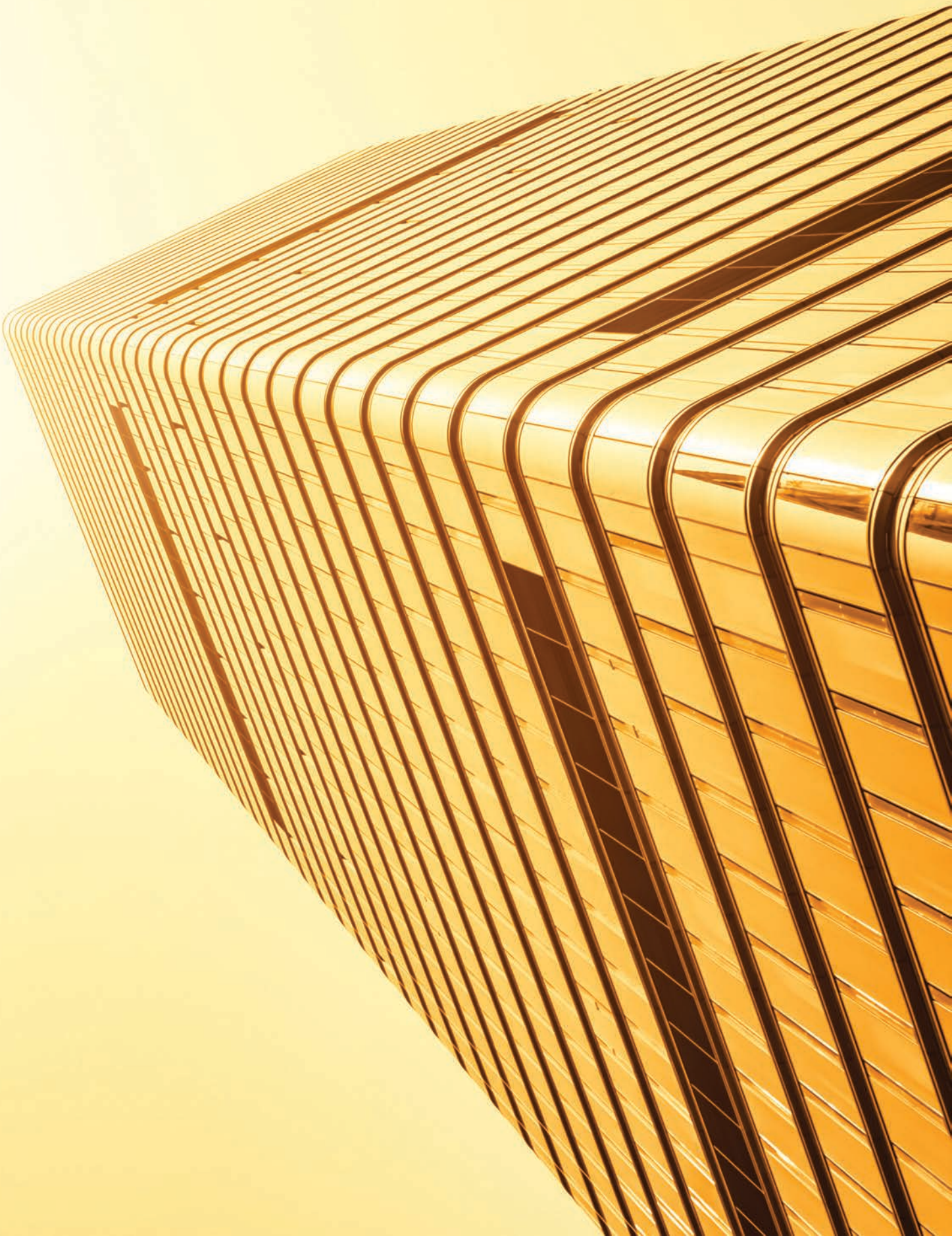




OUTDOOR

-LED Circular Wall Light
-LED Aluminum bulkhead
-E27 Aluminum bulkhead
-E27 Shielded Aluminum Bulkhead
-LED Plastic Plafonnier
-E27 Plastic Plafonnier
-LED stairs grill
-LED Up Down Triangular
-LED Up Down CylindricaL
-E27 Wall Side Lantern
-E27 Wall Side Globe
-LED Wall Washer
-LED Garden Spike
-LED Circular Uplight SMD
-LED Circular Uplight COB
-LED GANSO POLE
-LED Circular Garden Pole Head
-LED Diamond Garden Pole Head
-LED Trio Garden Pole Head
-ED Torch Garden Pole
-LED Squared Garden Pole
-E27 Lantern Pole
-E27 Globe Pole
-LED Bollard Imro Square
-LED Bollard Imro
-LED Bollard Moon
-E27 Lantern Bollard
-LED Squared Garden Bollard
-E27 Base Lantern
-E27 Base Globe

LIGHTING







Circular Wall Light
Wall mounted luminaire, Powered By SMD LEDs Light , IP54.
Designed and created for decorative and main lighting for walls.

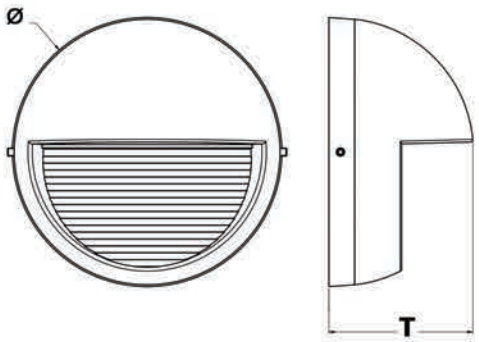


BODY
Made of Die Cast Aluminum electrostatic coated after Phospho-Chromatation.
Clear glass diffuser.

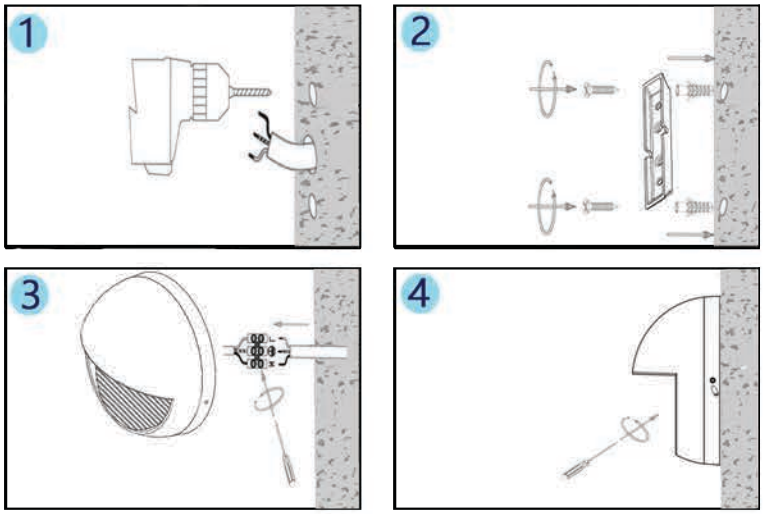
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxT)
--SPCI06-HPL7.5230	LED DECORATIVE CIRCULAR WALL LUMINAIRE 7.5W 3000K IP54	7.5	0.500	122	15.6	75.4	62.6	3000	160*90

Zhaga IP 54

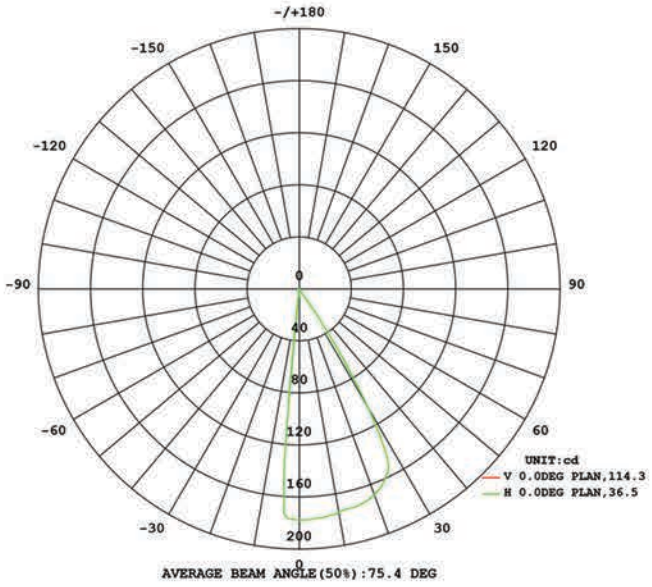
Dimensional Drawing



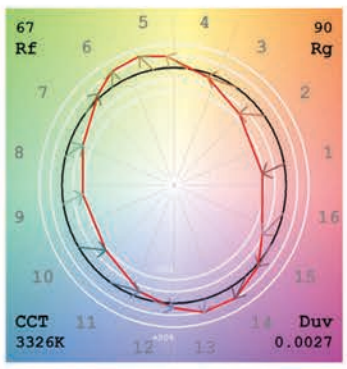
Install Guide

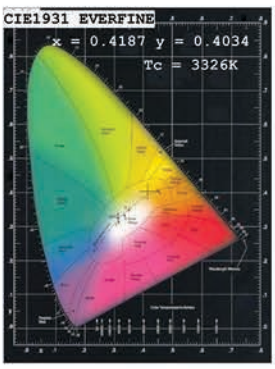


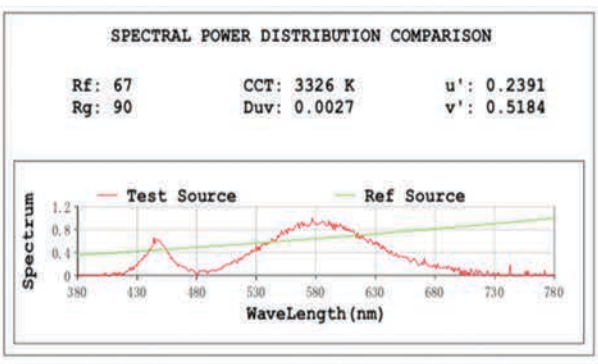
Photometric Data



Spectrometry









TORCH



EYELID



NET



WAVE



LED ALUMINUM BULK HEAD

LED Aluminum Bulk Head
Wall/Ceiling mounted luminaire, Powered By SMD LEDs Light , IP65.
Designed and created for both decorative and general purpose lighting.

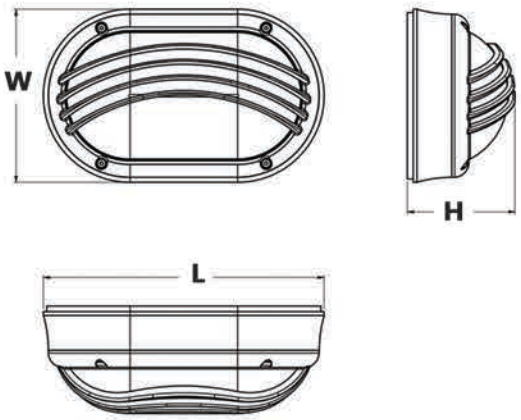


Body
Made of Die-cast aluminum electrostatic coated after Phospho-Chromatation.
Polycarbonate - Milky diffuser.

LEDs
Availability of different color temperatures.

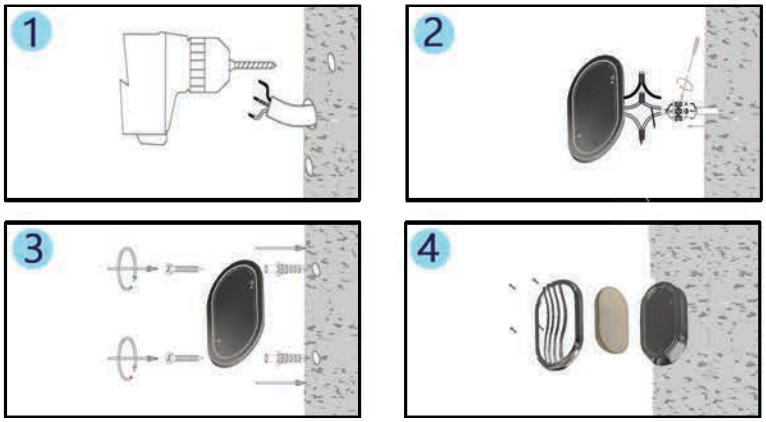
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (LxWxH)
KTLA02H-SMD012260--	LED ALMINUM BULK HEAD EYELID SMD 12W-6000K IP65	12	0.970	653.6	50.60	115.5	84.4	6000	222*137*80
KTLA02H-SMD012240--	LED ALMINUM BULK HEAD EYELID SMD 12W-4000K IP65	12	0.970	653.6	50.60	115.5	84.4	4000	222*137*80
KTLA02H-SMD012230--	LED ALMINUM BULK HEAD EYELID SMD 12W-3000K IP65	12	0.970	653.6	50.60	115.5	84.4	3000	222*137*80
KTLA04H-SMD012260--	LED ALMINUM BULK HEAD NET SMD 12W-6000K IP65	12	0.970	1080	83.42	124.9	83.9	6000	222*137*83
KTLA04H-SMD012240--	LED ALMINUM BULK HEAD NET SMD 12W-4000K IP65	12	0.970	1080	83.42	124.9	83.9	4000	222*137*83
KTLA04H-SMD012230--	LED ALMINUM BULK HEAD NET SMD 12W-3000K IP65	12	0.970	1080	83.42	124.9	83.9	3000	222*137*83
KTLA05H-SMD012260--	LED ALMINUM BULK HEAD WAVE SMD 12W-6000K IP65	12	0.970	812.3	62.54	117.9	84	6000	222*137*85
KTLA05H-SMD012240--	LED ALMINUM BULK HEAD WAVE SMD 12W-4000K IP65	12	0.970	812.3	62.54	117.9	84	4000	222*137*85
KTLA05H-SMD012230--	LED ALMINUM BULK HEAD WAVE SMD 12W-3000K IP65	12	0.970	812.3	62.54	117.9	84	3000	222*137*85
KTLA06V-SMD012260--	LED ALMINUM BULK HEAD TORCH SMD 12W-6000K IP65	12	0.970	660	50.96	123.4	84.4	6000	222*137*83
KTLA06V-SMD012240--	LED ALMINUM BULK HEAD TORCH SMD 12W-4000K IP65	12	0.970	660	50.96	123.4	84.4	4000	222*137*83
KTLA06V-SMD012230--	LED ALMINUM BULK HEAD TORCH SMD 12W-3000K IP65	12	0.970	660	50.96	123.4	84.4	3000	222*137*83

Dimensional Drawing

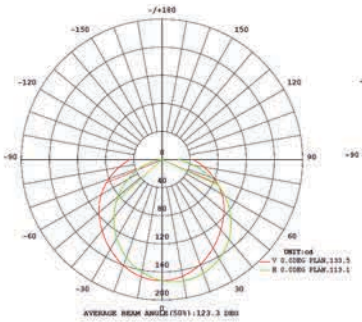


WAVE

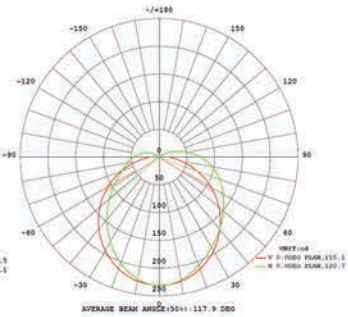
Install Guide



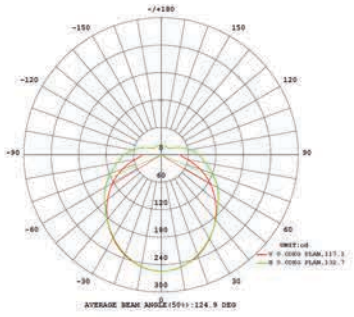
Photometric Data



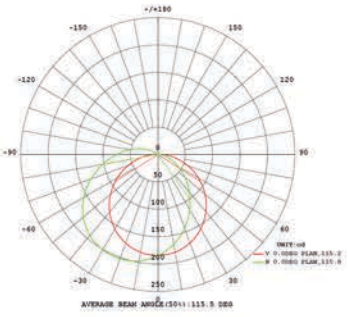
TORCH



WAVE

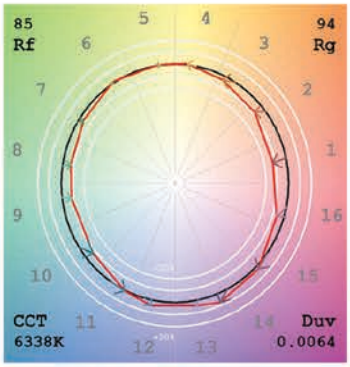


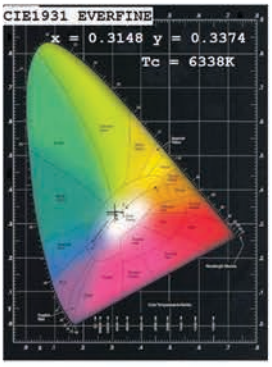
NET

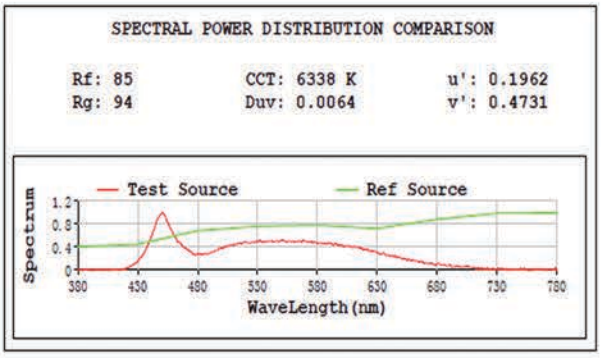


EYELID

Spectrometry









TORCH



EYELID



NET



WAVE



E27 ALUMINUM BULK HEAD

E27 Aluminum Bulk Head
Wall/Ceiling mounted luminaire, For E27 BulB, IP65.
Designed and created for both decorative and general purpose lighting.

Body
Made of Die-cast aluminum electrostatic coated after Phospho-Chromatation.
Polycarbonate - Milky diffuser.

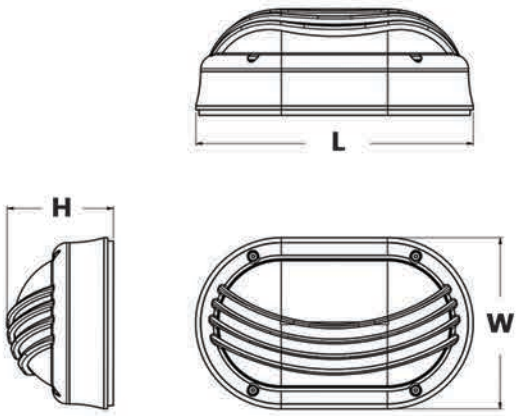
BULB
Availability of different power ratings and color temperatures.



Item Code	Item Description	Power (w)	Power Supply (V)	LOR (%)	Diffuser	Spread angle (o)	Dimensions (LxWxH)
KTLA02H-E27000000--	ALMINUM BULK HEAD E27 EYELID L222 IP65	UP TO 100	220	16.1	POLY CARBONATE-MILKY	115.8	222*137*80
KTLA04H-E27000000--	ALUMINUM BULKHEAD E27 NET L222 IP65	UP TO 100	220	18.9	POLY CARBONATE-MILKY	115	222*137*83
KTLA05H-E27000000--	ALUMINUM BULKHEAD E27 WAVE L222 IP65	UP TO 100	220	19.2	POLY CARBONATE-MILKY	116.4	222*137*85
KTLA06V-E27000000--	ALUMINUM BULKHEAD E27 TORCH L222 IP65	UP TO 100	220	6.6	POLY CARBONATE-MILKY	125.2	222*137*83

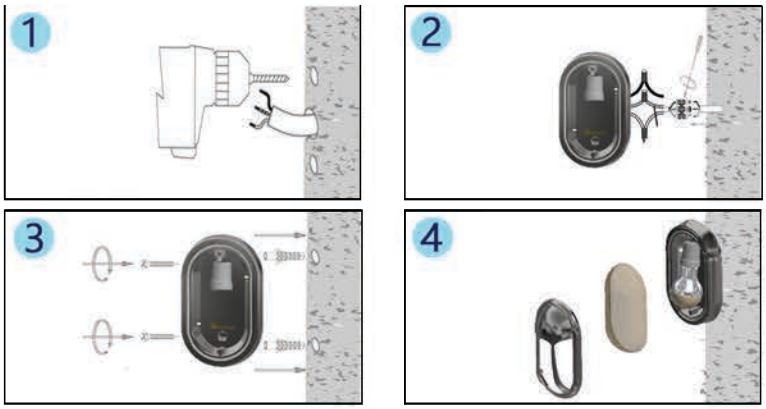
Note Measurements are based on 12W LED bulb

Dimensional Drawing

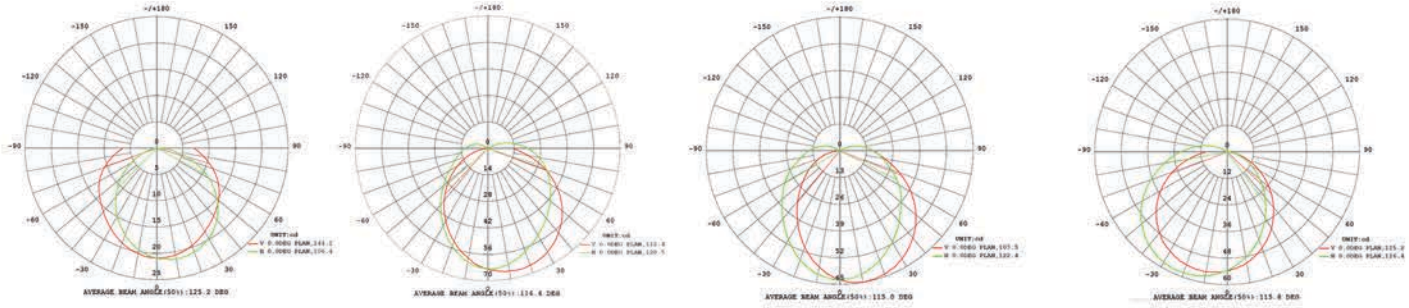


WAVE

Install Guide

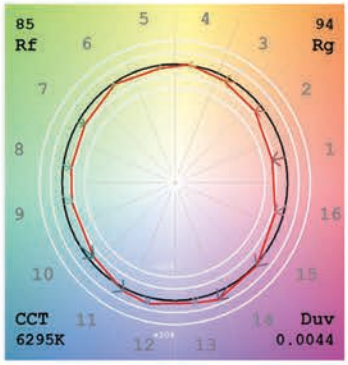


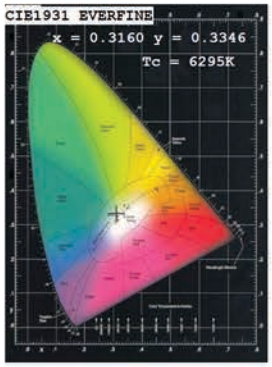
Photometric Data

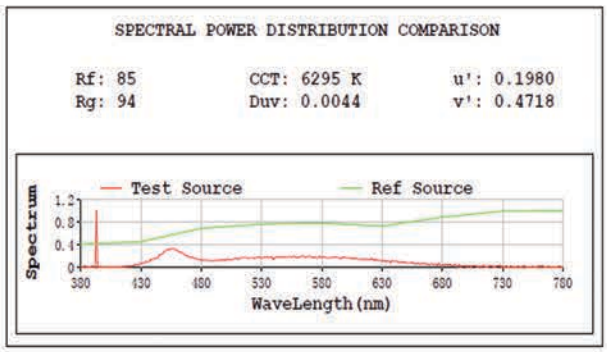


TORCH WAVE NET EYELID

Spectrometry











E27 SHIELDED ALUMINUM BULKHEAD LUMINAIRE

Shielded Aluminum Bulkhead luminaire
Aluminum Bulkhead luminaire, For E27 BulB, IP65.
Heavy duty luminaire for both decorative and general purpose lighting.

Body
Made of Die-cast aluminum electrostatic coated after Phospho-Chromatation.
Polycarbonate - Milky diffuser.
Design and selection of materials is suitable for anti-vandal requirements.

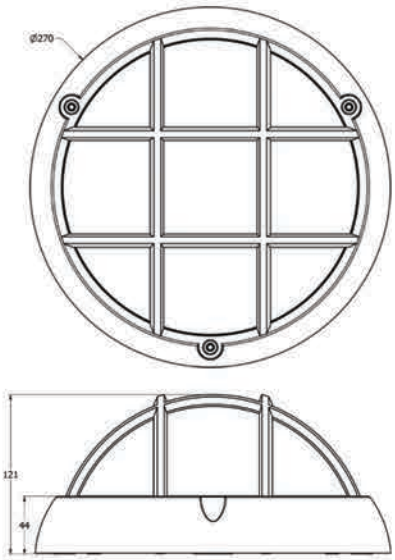


BULB
Availability of different power ratings and color temperatures.

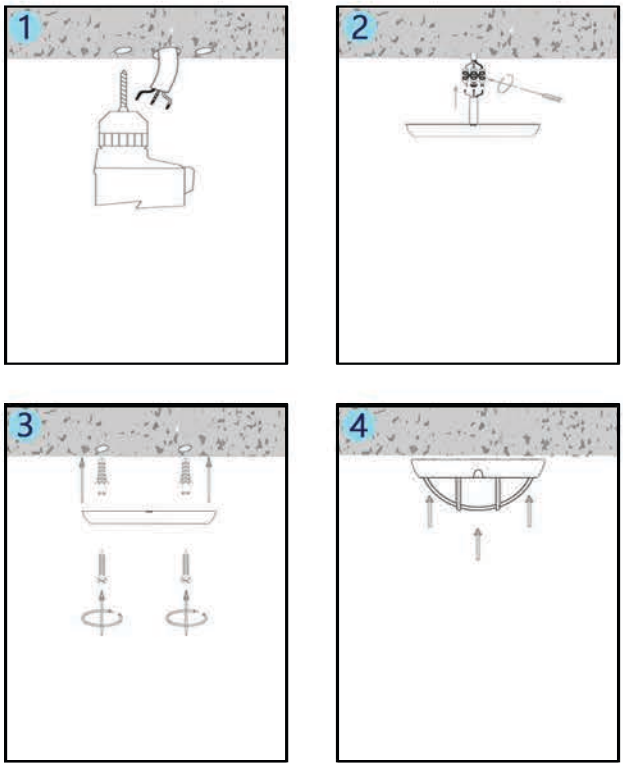
Item Code	Item Description	Power (w)	Power Supply (V)	LOR (%)	Diffuser	Spread angle (o)	Dimensions (ØxH)
RBN2L-E270000000--	ALUMINUM BULKHEAD (Hemispherical)	UP TO 100	220	17.3	POLY CARBONATE-MILKY	120	270*70

Note Measurements are based on 12W LED bulb

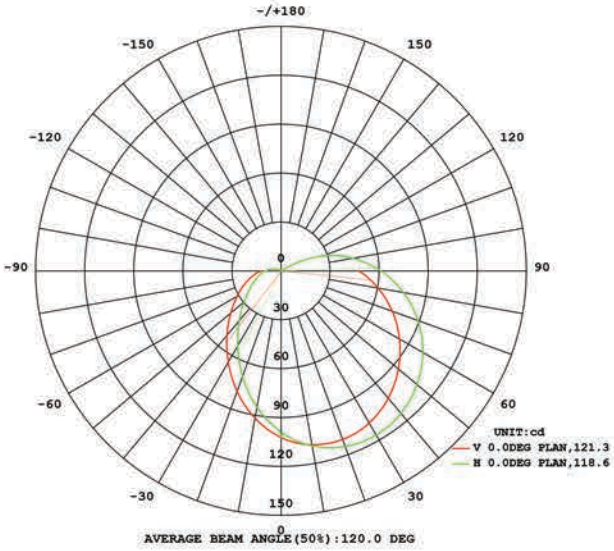
Dimensional Drawing



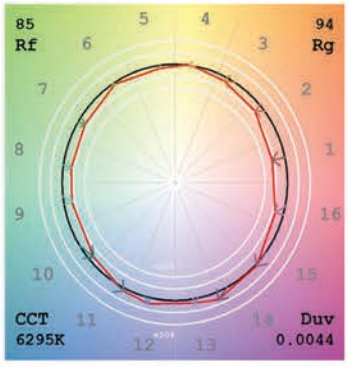
Install Guide

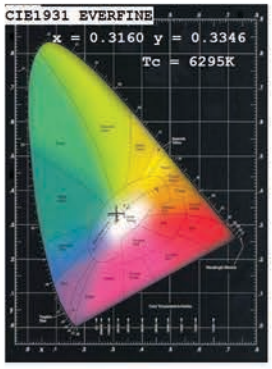


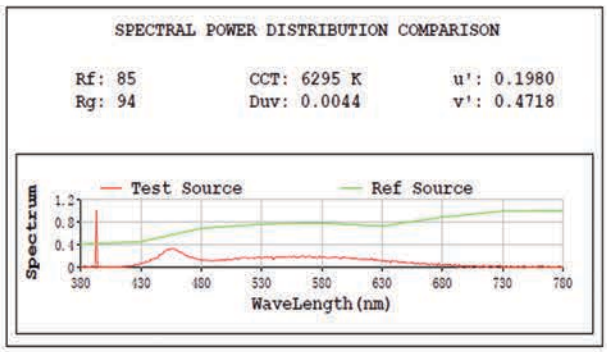
Photometric Data



Spectrometry











LED Plastic Plafonnier

Decorative Wall/Ceiling mounted plafonnier, Powered By SMD LEDs Light ,IP54.
Designed and created for Decorative and main lighting
for walls and ceilings and outdoors in general.



BODY

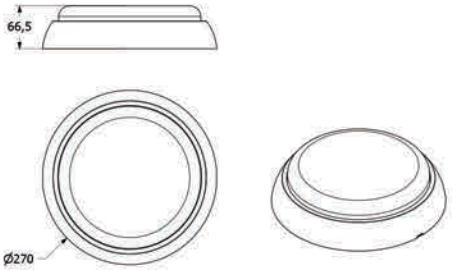
Made of ABS body, Polycarbonate circular shaped diffuser.

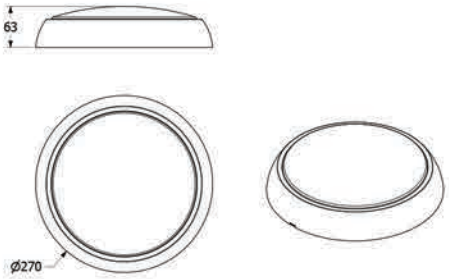
LEDs

Availability of different color temperatures.

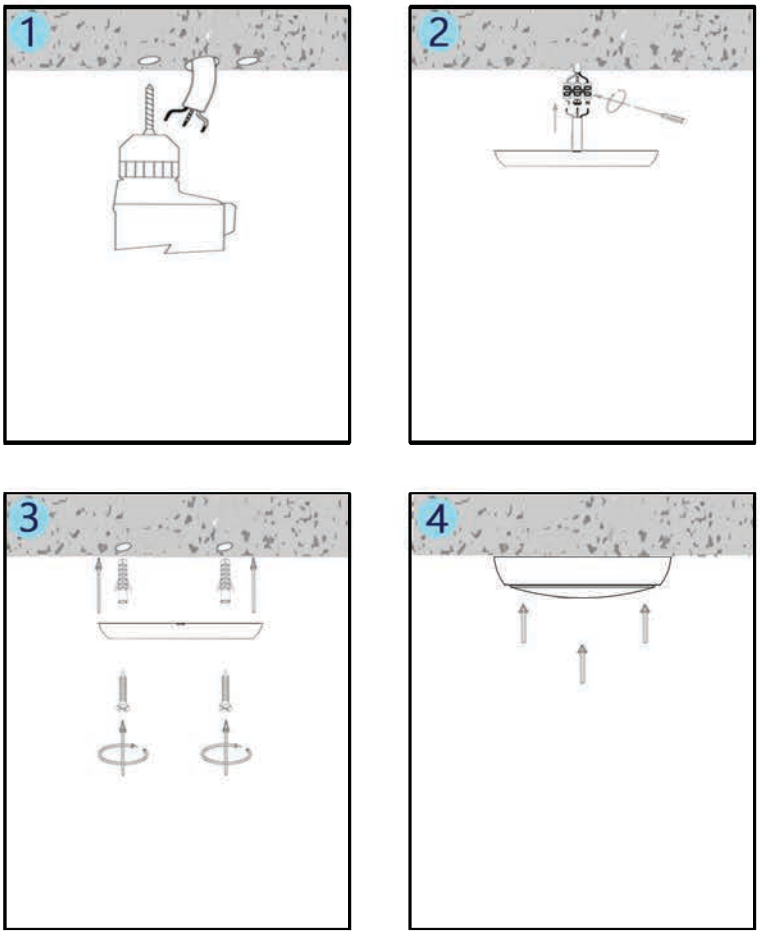
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØbxØi*H)
RBCB-SMD012230--	LED PLASTIC BULK HEAD SMD 12W 3000K IP54 BLACK FRAME CURVED	12	0.952	893.45	80.67	113.2	86	3000	270*220*60
RBCW-SMD012230--	LED PLASTIC BULK HEAD SMD 12W 3000K IP54 WHITE FRAME CURVED	12	0.952	893.45	80.67	113.2	86	3000	270*220*60
RBFB-SMD012230--	LED PLASTIC BULK HEAD SMD 12W 3000K IP54 BLACK FRAME FLAT	12	0.952	864.68	77.57	116.4	86	3000	270*220*70
RBFW-SMD012230--	LED PLASTIC BULK HEAD SMD 12W 3000K IP54 WHITE BODY FLAT	12	0.952	864.68	77.57	116.4	86	3000	270*220*70
RBCB-SMD012240--	LED PLASTIC BULK HEAD SMD 12W 4000K IP54 BLACK FRAME CURVED	12	0.952	893.45	80.67	113.2	86	4000	270*220*60
RBCW-SMD012240--	LED PLASTIC BULK HEAD SMD 12W 4000K IP54 WHITE FRAME CURVED	12	0.952	893.45	80.67	113.2	86	4000	270*220*60
RBFB-SMD012240--	LED PLASTIC BULK HEAD SMD 12W 4000K IP54 BLACK FRAME FLAT	12	0.952	864.68	77.57	113.2	86	4000	270*220*70
RBFW-SMD012240--	LED PLASTIC BULK HEAD SMD 12W 4000K IP54 WHITE BODY FLAT	12	0.952	864.68	77.57	113.2	86	4000	270*220*70
RBCB-SMD012260--	LED PLASTIC BULK HEAD SMD 12W 6000K IP54 BLACK FRAME CURVED	12	0.952	893.45	80.67	116.4	86	6000	270*220*60
RBCW-SMD012260--	LED PLASTIC BULK HEAD SMD 12W 6000K IP54 WHITE BODY CURVED	12	0.952	893.45	80.67	116.4	86	6000	270*220*60
RBFB-SMD012260--	LED PLASTIC BULK HEAD SMD 12W 6000K IP54 BLACK FRAME FLAT	12	0.952	864.68	77.57	113.2	86	6000	270*220*70
RBFW-SMD012260--	LED PLASTIC BULK HEAD SMD 12W 6000K IP54 WHITE BODY FLAT	12	0.952	864.68	77.57	113.2	86	6000	270*220*70

Dimensional Drawing

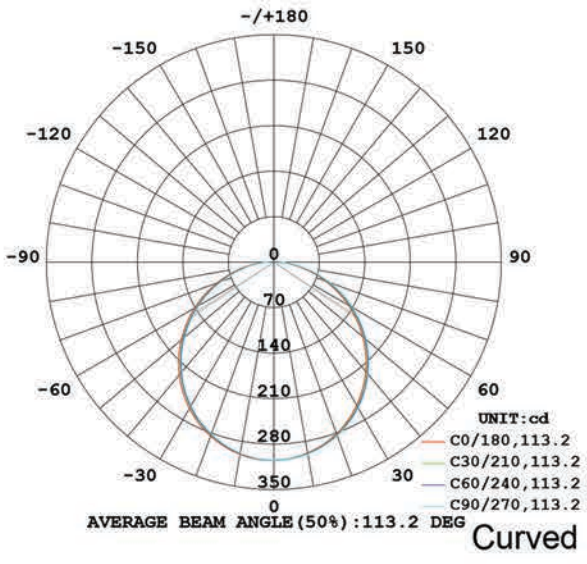




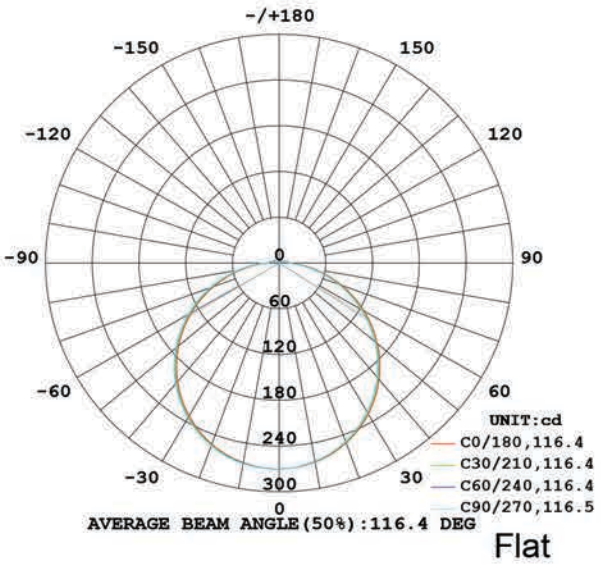
Install Guide



Photometric Data

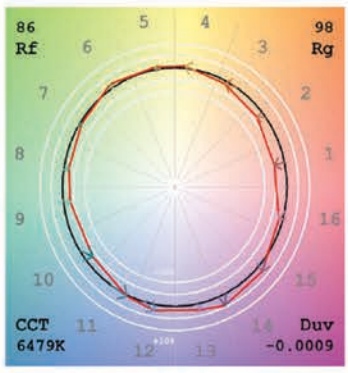


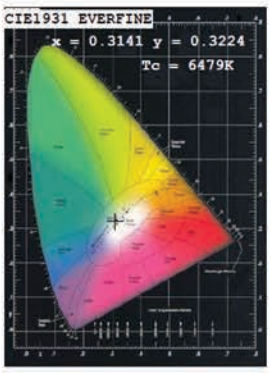
Curved

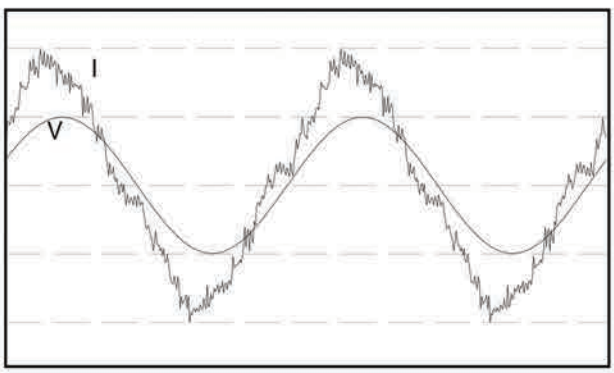


Flat

Spectrometry











E27 Plastic Plafonnier
Wall/Ceiling mounted plafonnier, For E27 Bulb, IP54.
Designed and created for Decorative and main lighting
for walls and ceilings and outdoors in general.



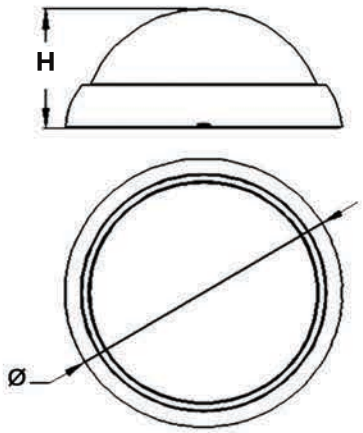
BODY
Made of ABS body, polycarbonate diffuser Circular shaped.

BULB
Availability of different power ratings and color temperatures.

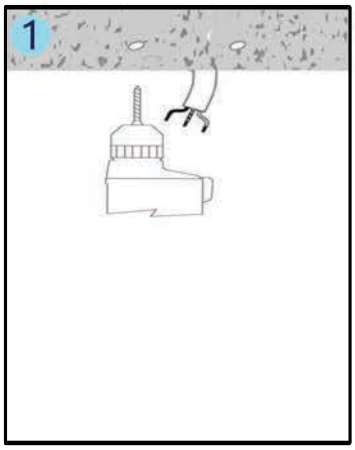
Item Code	Item Description	Power (w)	Power Supply (V)	LOR (%)	Diffuser	Spread angle (o)	Dimensions (ØxH)
RB1L-E2700000001	BULK HEAD E27 SINGLE WINDOW MILKY FRAME WHITE-D27 IP54	UP TO 100	220	51.6	Milky Poly Carbonate	130.4	270*120
RB1L-E2700000002	BULK HEAD E27 SINGLE WINDOW MILKY FRAME BLACK-D27 IP54	UP TO 100	220	51.6	Milky Poly Carbonate	130.4	270*120
RB2L-E2700000001	BULK HEAD 2E27 SINGLE WINDOW MILKY FRAME WHITE-D27 IP54	UP TO 200	220	42.2	Milky Poly Carbonate	135.7	270*120
RB2L-E2700000002	BULK HEAD 2E27 SINGLE WINDOW MILKY FRAME BLACK-D27 IP54	UP TO 200	220	42.2	Milky Poly Carbonate	135.7	270*120
RBD2L-E2700000001	BULK HEAD 2E27 DOUBLE WINDOW MILKY FRAME WHITE-D27 IP54	UP TO 200	220	29.8	Milky Poly Carbonate	137.2	270*126
RBD2L-E2700000002	BULK HEAD 2E27 DOUBLE WINDOW MILKY FRAME BLACK-D27 IP54	UP TO 200	220	29.8	Milky Poly Carbonate	137.2	270*126
RBE1L-E2700000001	BULK HEAD E27 LID HALF WINDOW MILKY FRAME WHITE-D27 IP54	UP TO 100	220	31	Milky Poly Carbonate	120	270*126
RBE1L-E2700000002	BULK HEAD E27 LID HALF WINDOW MILKY FRAME BLACK-D27 IP54	UP TO 100	220	31	Milky Poly Carbonate	120	270*126

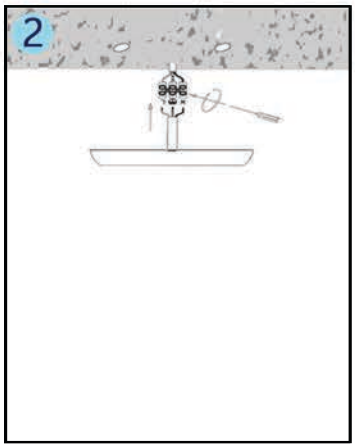
Note Measurements are based on 12W LED Bulb

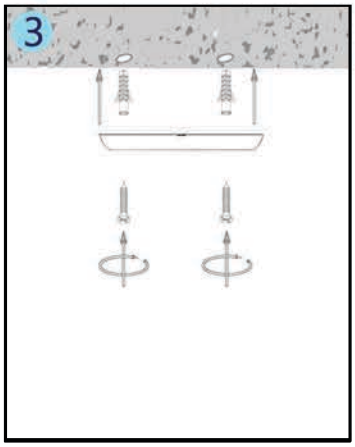
Dimensional Drawing

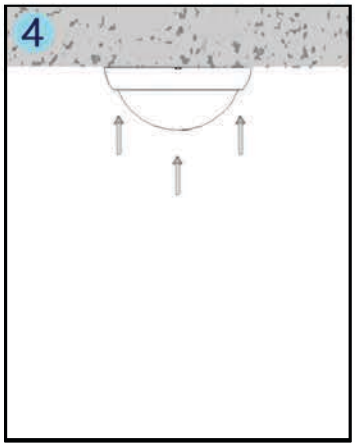


Install Guide

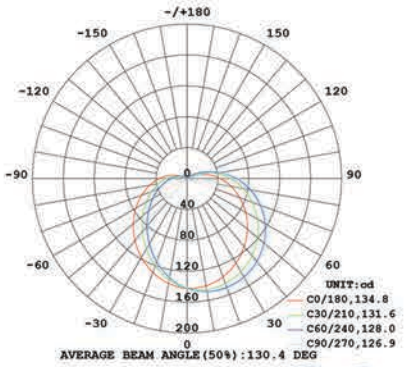




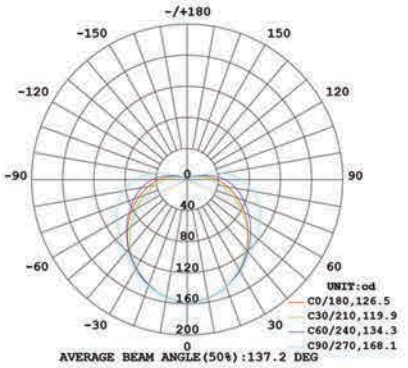




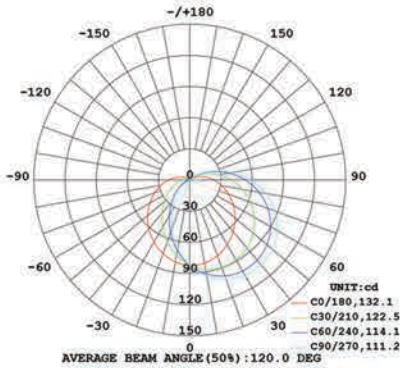
Photometric Data



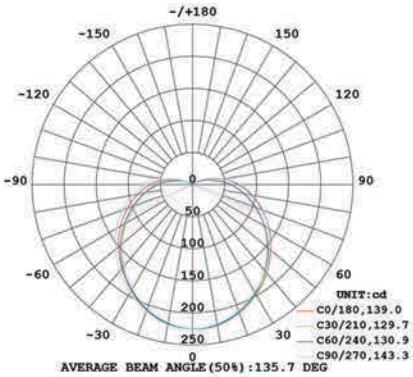
SINGLE WINDOW
1*E27



DOUBLE WINDOW
2*E27

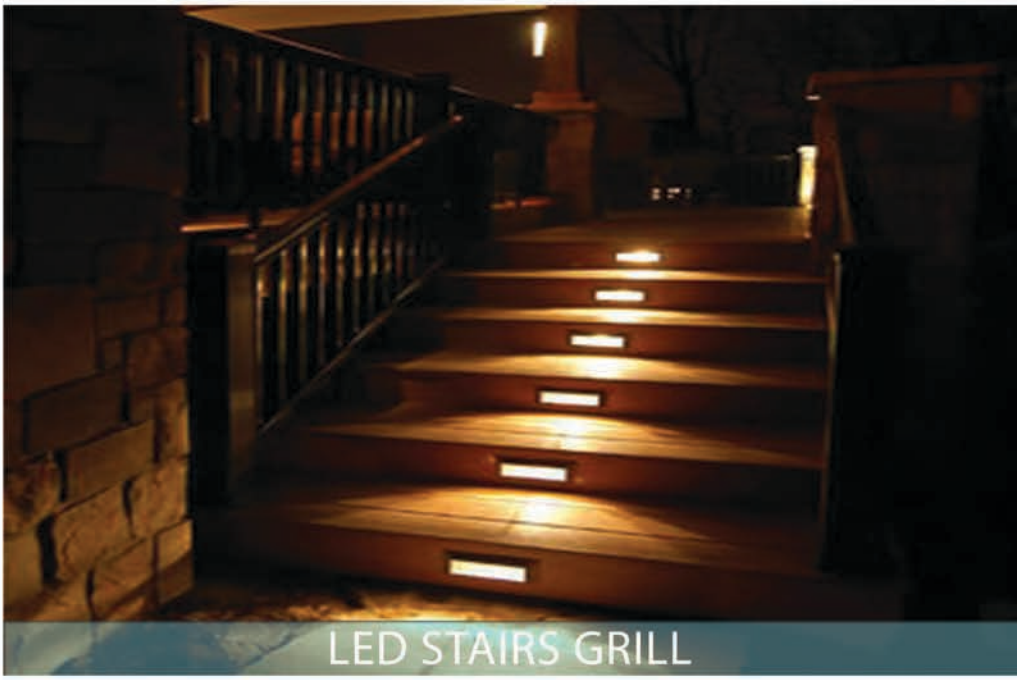


LID HALF WINDOW
2*E27



SINGLE WINDOW
2*E27





LED Horizontal Grill Step Light

Wall recessed box luminaire,Powered by SMD LEDs Light , IP65, IK08.
Designed and created for front and side mounting,
general wall bottom mounting and corridors.



BODY

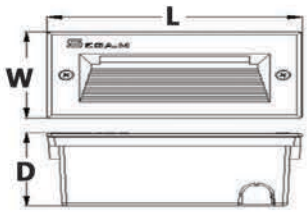
Made of Die Cast Aluminum electrostatic coated after Phospho-Chromatation.
with ABS wall embedded box.
Clear glass diffuser.

LEDs

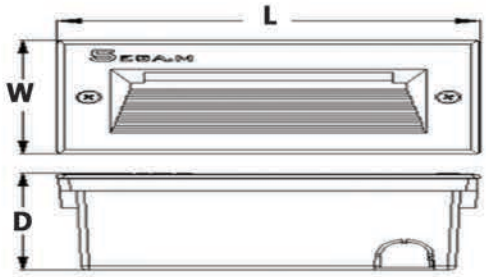
Availability of different power ratings and color temperatures.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (WxDxL)
--MINC17-SMD006260	LED STAIRS GRILL SMD 6W-6000K L170 IP65	6	0.800	216	30	78.3	82.7	6000	89*74*170
--MINC17-SMD006240	LED STAIRS GRILL SMD 6W-4000K L170 IP65	6	0.800	216	30	78.3	82.7	4000	89*74*170
--MINC17-SMD006230	LED STAIRS GRILL SMD 6W-3000K L170 IP65	6	0.800	216	30	78.3	82.7	3000	89*74*170
--MINC27-SMD012260	LED STAIRS GRILL SMD 12W-6000K L270 IP65	12	0.965	616.6	44	80.7	83.1	6000	89*74*270
--MINC27-SMD012240	LED STAIRS GRILL SMD 12W-4000K L270 IP65	12	0.965	616.6	44	80.7	83.1	4000	89*74*270
--MINC27-SMD012230	LED STAIRS GRILL SMD 12W-3000K L270 IP65	12	0.965	616.6	44	80.7	83.1	3000	89*74*270

Dimensional Drawing

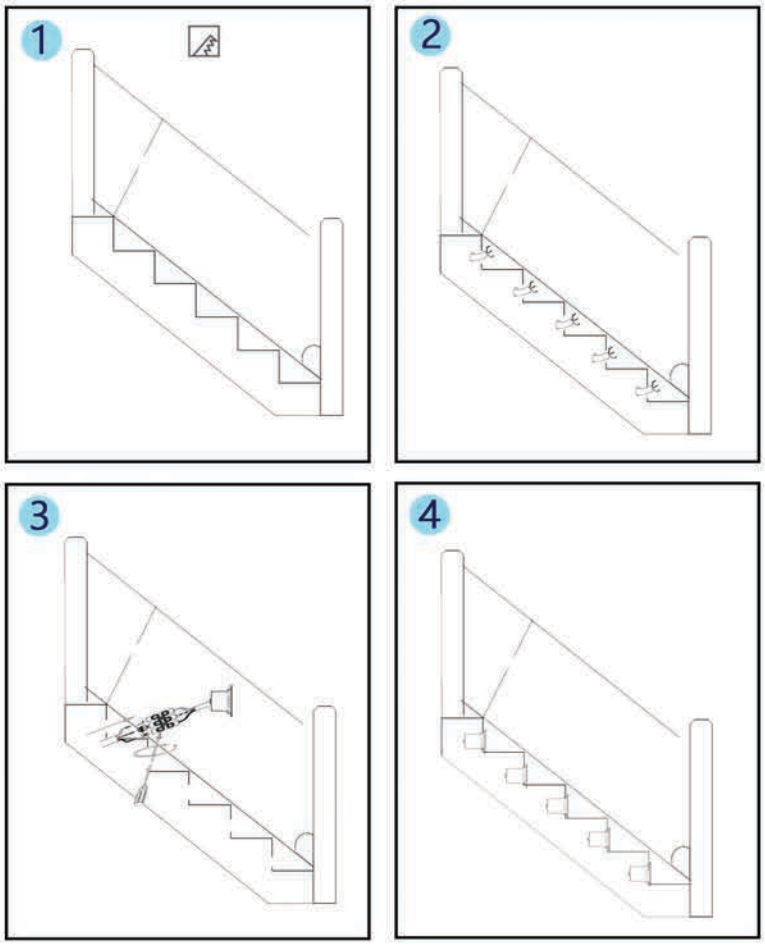


6W

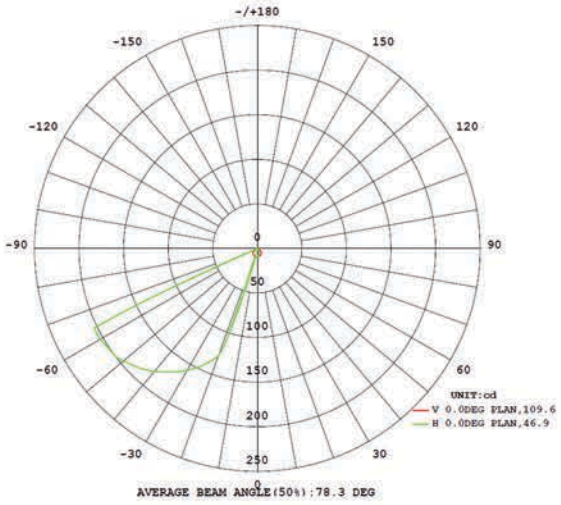


12W

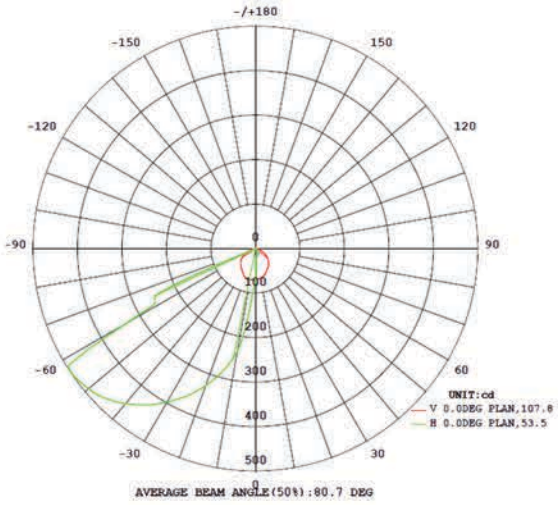
Install Guide



Photometric Data

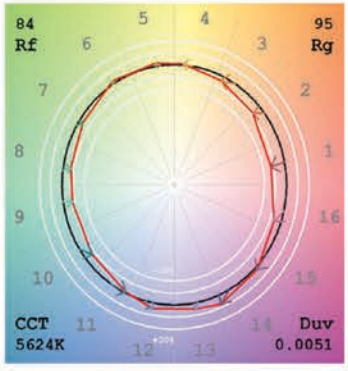


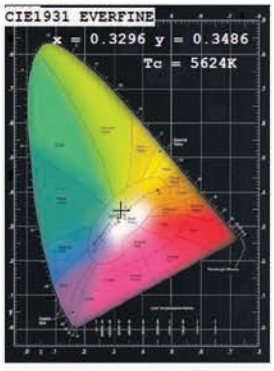
6W

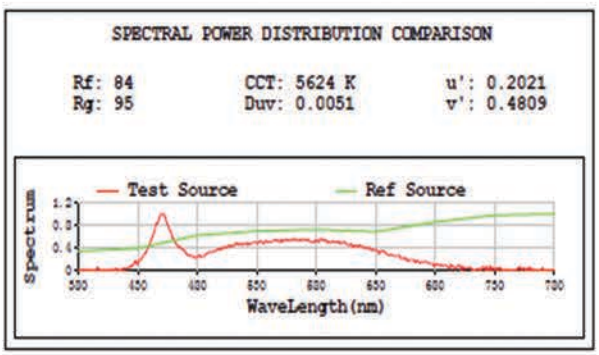


12W

Spectrometry



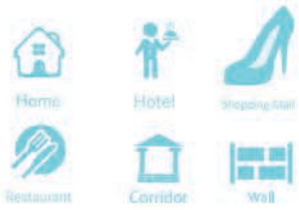








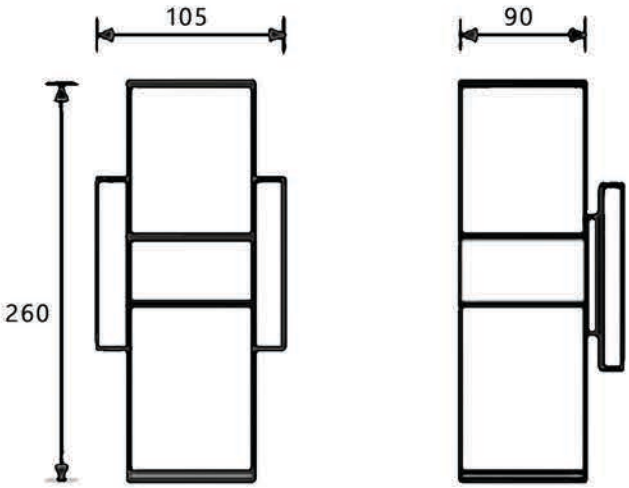
Triangular Up and Down Light
Wall mounted up and down light, power by COB LEDs, IP54.
Designed and created for decorative and main lighting for walls.



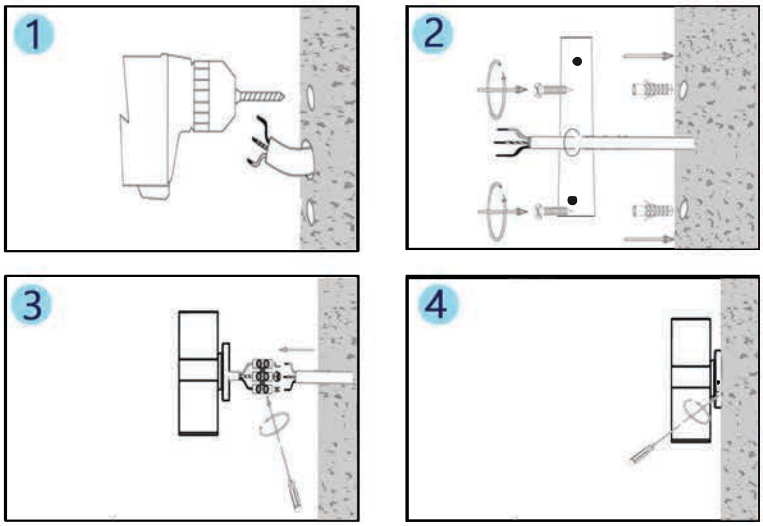
BODY
Made of Die-Cast Aluminum electrostatic coated after Phospho-Chromatation.
Sanded glass diffuser.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxHxD)
SPCI08-COB010230--	LED DECORATIVE TRIANGULAR WALL UP/DOWN LIGHT 6W 3000K IP54	11	0.46	891	78	225	81.7	3000	90*260*105

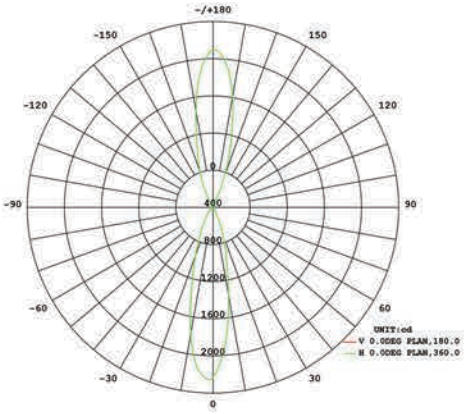
Dimensional Drawing



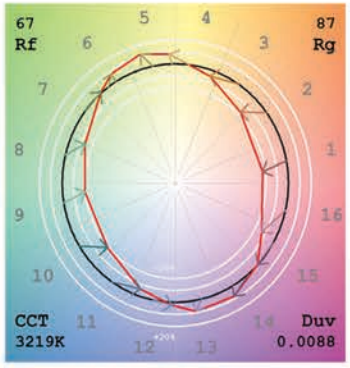
Install Guide

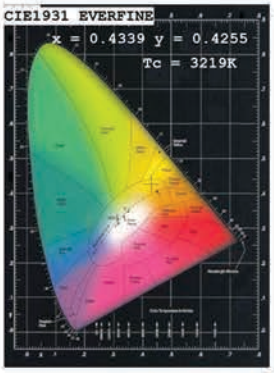


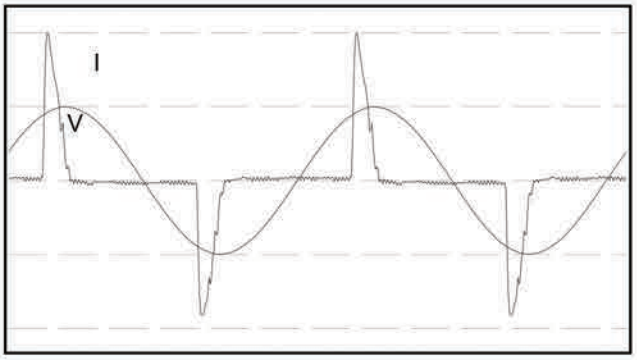
Photometric Data



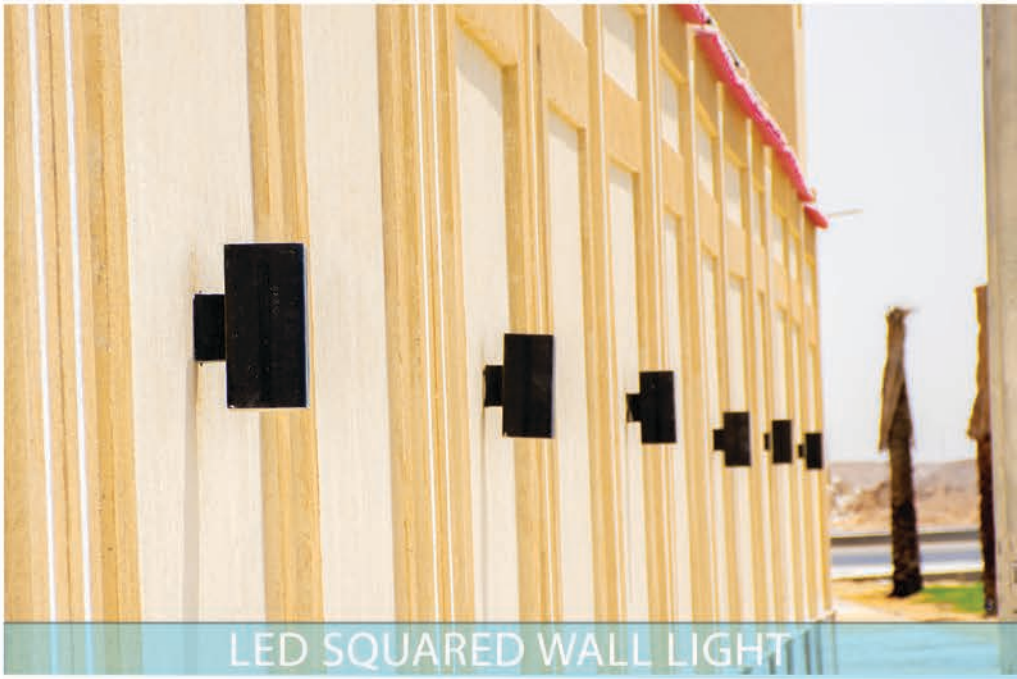
Spectrometry











Square Wall Light
wall mounted Up and down light or Down Light ,Powered By SMD LEDs Light ,IP65, IK08.
Designed and created for decorative and main lighting for walls.

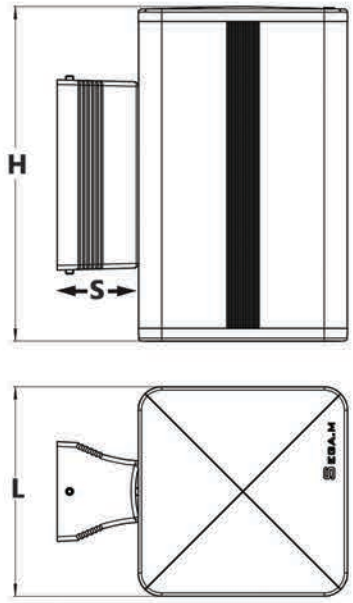


BODY
Made of Die Cast/Extruded Aluminum electrostatic coated after Phospho-Chromatation.
Segmented specular reflector, Textured glass diffuser.

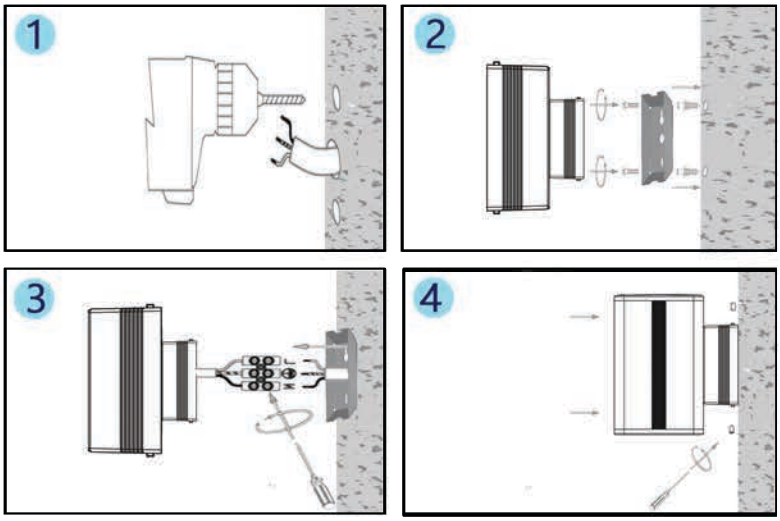
LEDs
Availability of different power ratings and color temperatures.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (LxSxH)
--CSQUR1-COB012230	LED WALL DOWN LIGHT SQUARED 100° SPREAD 12W 3000k IP65	12	0.965	1122	98	100	83.7	3000	135*53*238
--CSQUR2-COB012230	LED WALL DOWN LIGHT SQUARED 35° SPREAD 12W 3000k IP65	12	0.965	1101	98	35	84.3	3000	135*53*238
--CSQUDR1-COB024230	LED WALL UP DOWN LIGHT SQUARED 100° SPREAD 24W 3000K IP65	24	0.965	2241	98	100	83.6	3000	135*53*300
--CSQUDR2-COB024230	LED WALL UP DOWN LIGHT SQUARED 35° SPREAD 24W 3000K IP65	24	0.965	2166	98	35	84.3	3000	135*53*300

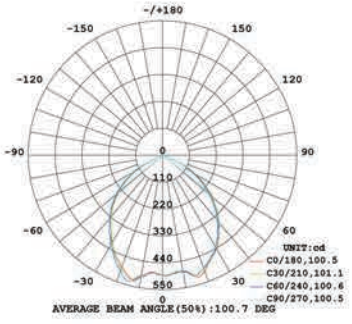
Dimensional Drawing



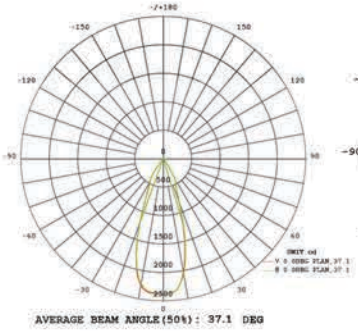
Install Guide



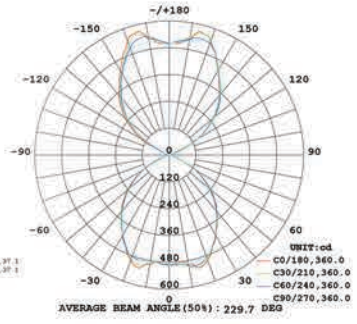
Photometric Data



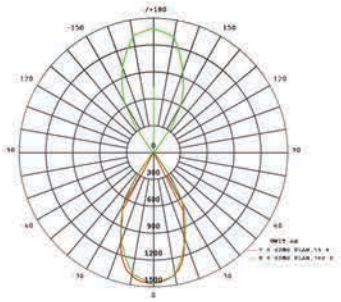
12W REFLECTOR R1



12W REFLECTOR R2

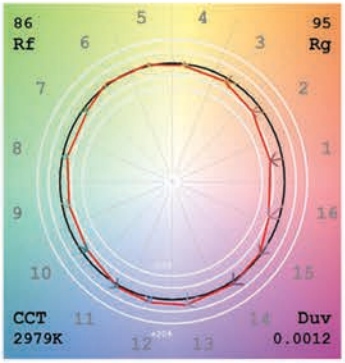


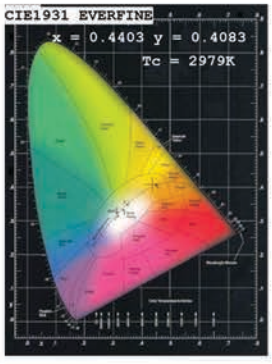
24W REFLECTOR R1

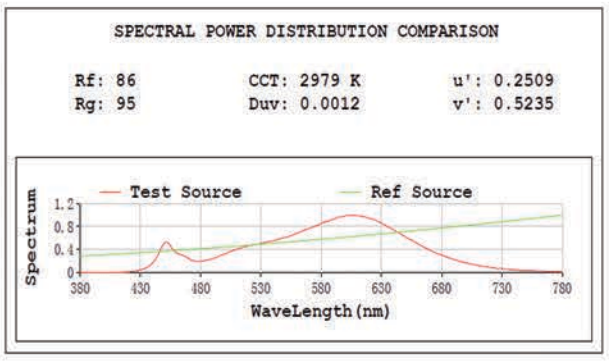


24W REFLECTOR R2

Spectrometry











Wall Side Lantern
Classic wall Mounted Lantern,For E27 Bulb, IP54.
Designed and created for wall and landscape Lighting.

BODY
Made of ABS (UV resistant).
Prismatic Poly carbonate (UV resistant) diffuser.

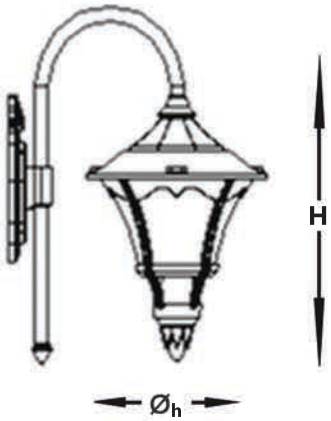


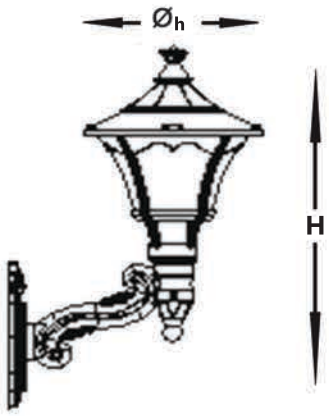
Item Code	Item Description	Power (w)	Power Supply (V)	LOR (%)	Diffuser	Spread angle (o)	Dimensions (ØhxH)
--WIP-E27000000	WALL SIDE LUMINARIES E27 WITH IRON PIPE-IP54	Up to 100	220	51.2	Milky Poly carbonate	194.9	295*550
--WCF-E27000000	WALL SIDE LUMINARIES E27 WITH CABOULY-IP54	Up to 100	220	43	Milky Poly carbonate	173.5	295*645

Note Measurements are based on 12W LED Bulb

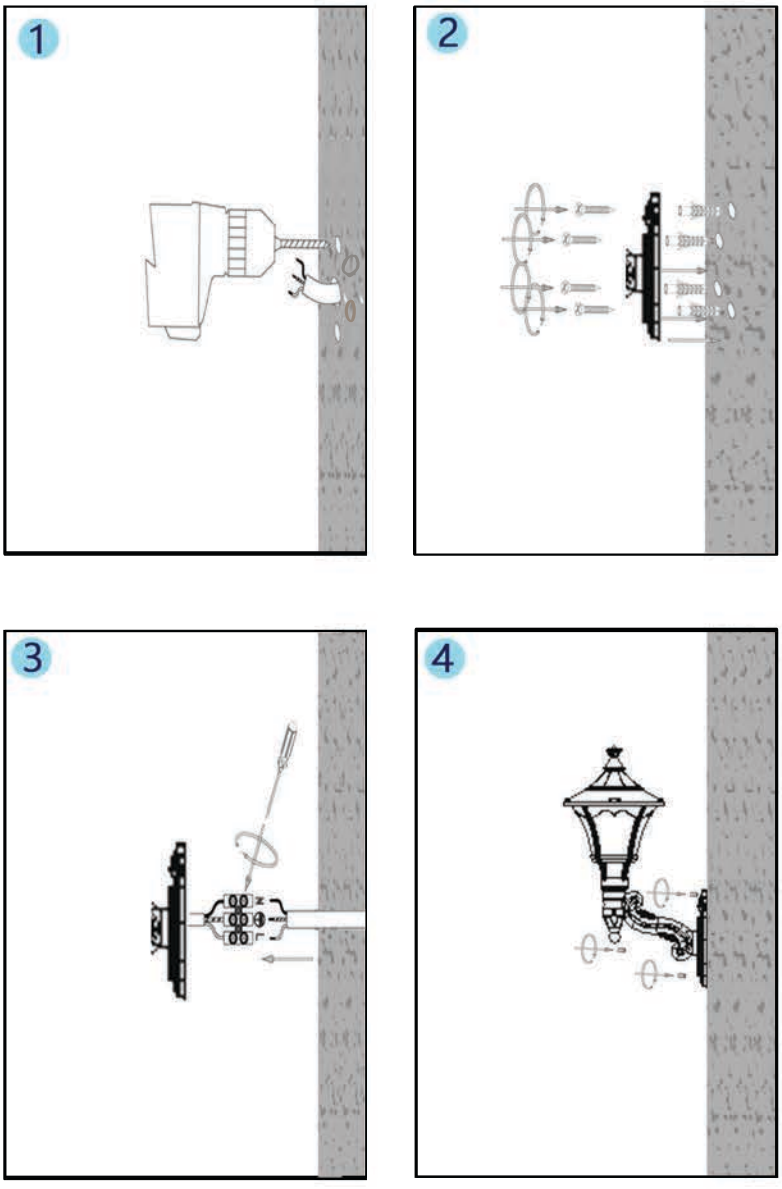
Zhaga IP 54

Dimensional Drawing

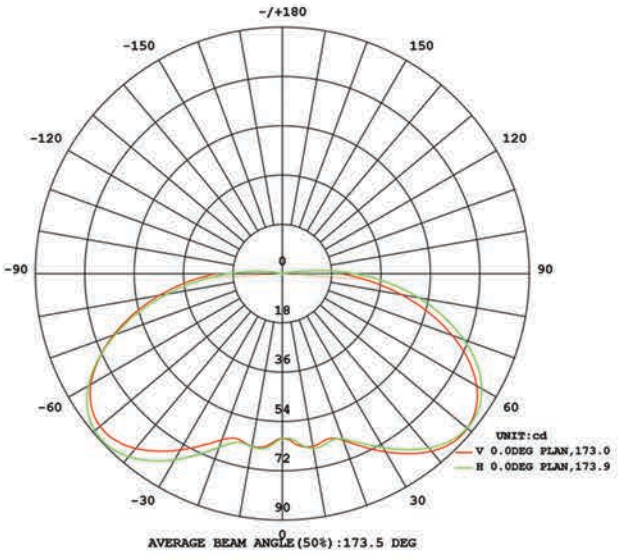




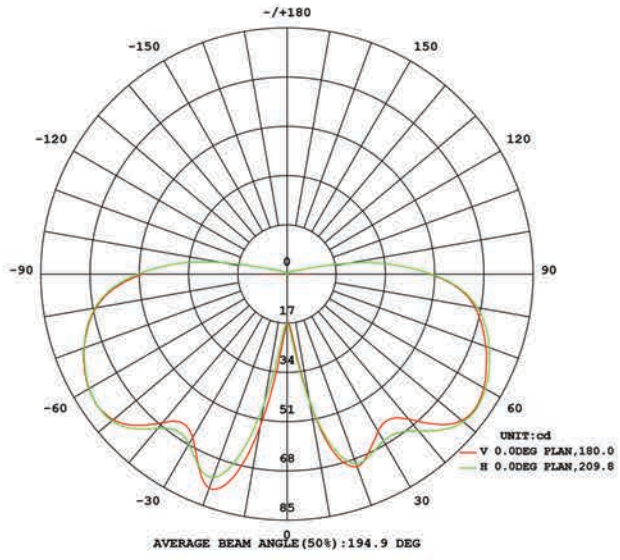
Install Guide



Photometric Data



ABS ARM BASED (CAPOULY)



STEEL TUBE PENDENT





Wall Side Globe
Wall mounted Globe, For E27 Bulb, IP54.
Designed and created for wall and landscape lighting.

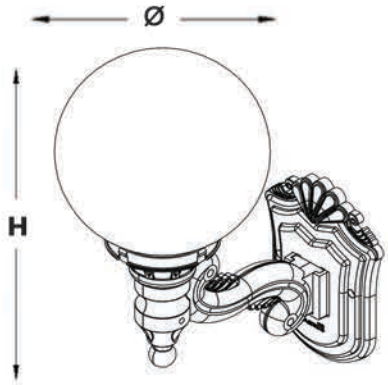


BODY
Made of ABS (UV resistant).
Poly carbonate-Milky (UV resistant) diffuser.

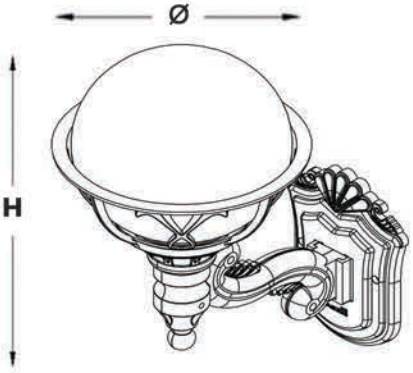
Item Code	Item Description	Power (w)	Power Supply (V)	LOR (%)	Diffuser	Spread angle (o)	Dimensions (ØxH)
GWC25-E27000000--	GLOB WITH CABOULY E27-D25 IP54 WALL SIDE	UP TO 100	220	84	Milky Poly carbonate	230	250*435
GWC825-E27000000--	GLOB WITH CABOULY AND BASKET E27-D25 IP54 WALL SIDE	UP TO 100	220	67	Milky Poly carbonate	201	250*435

Note Measurements are based on 12W LED Bulb

Dimensional Drawing

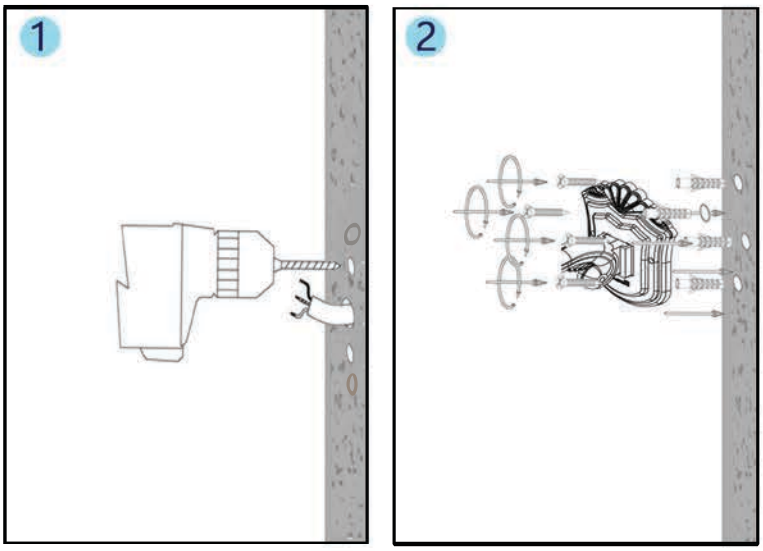


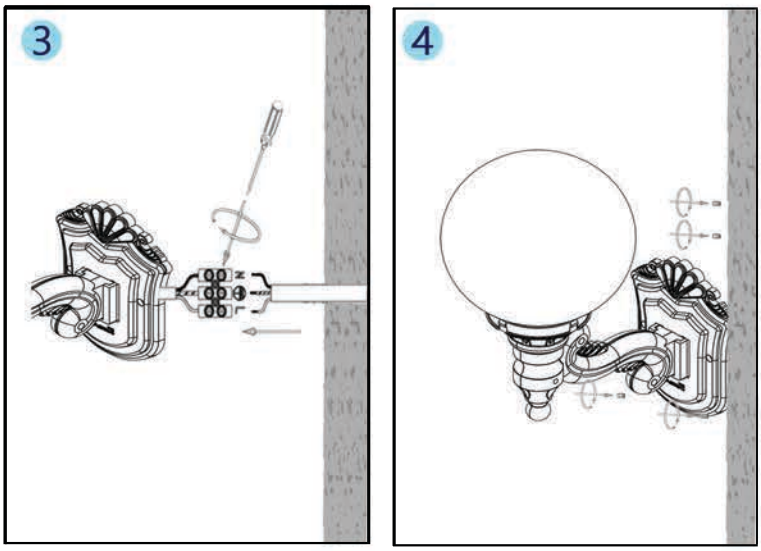
STANDARD MODEL



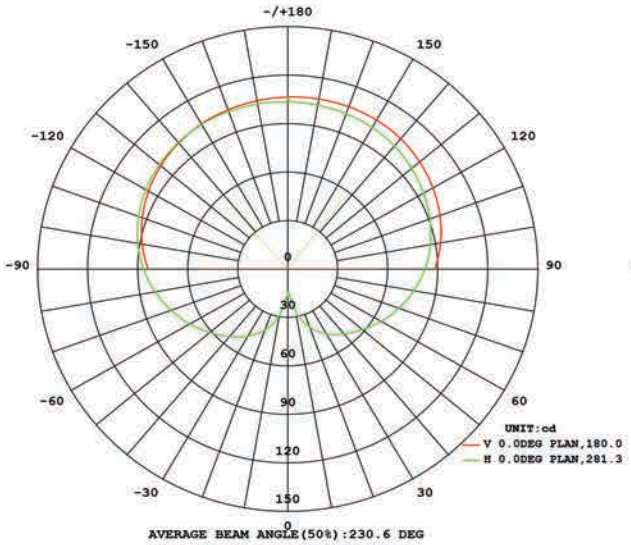
BASKET MODEL

Install Guide

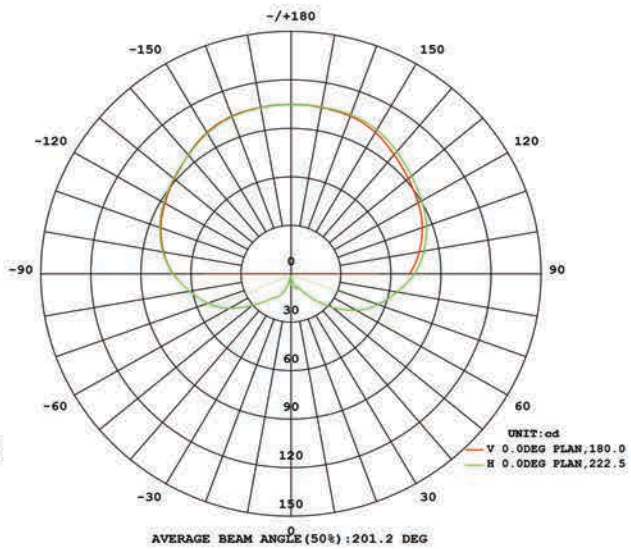




Photometric Data

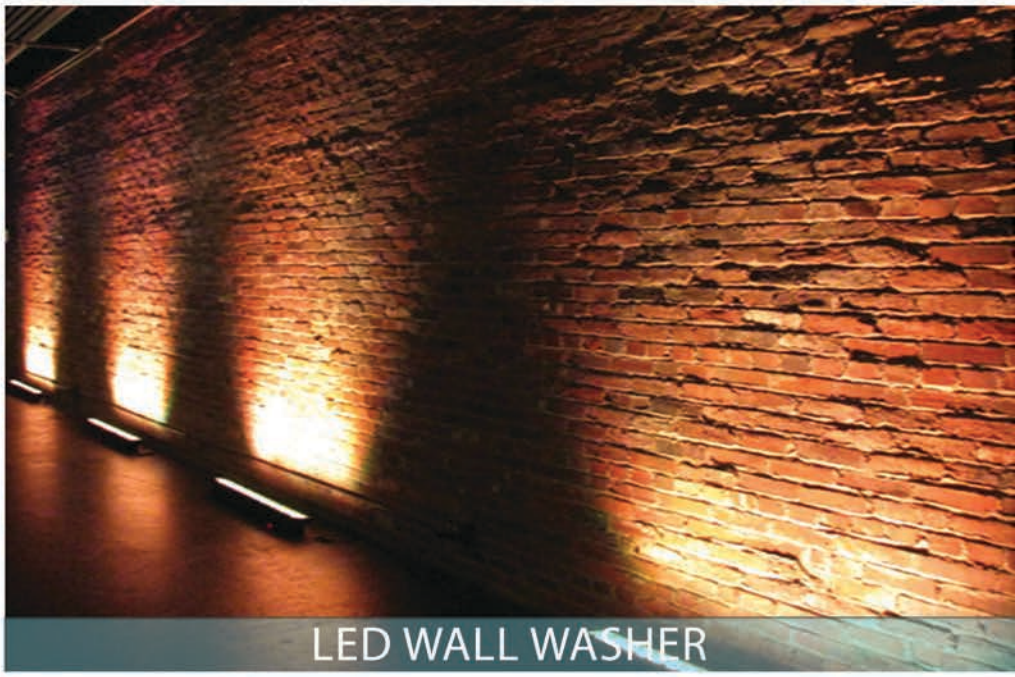


STANDARD MODEL



BASKET MODEL





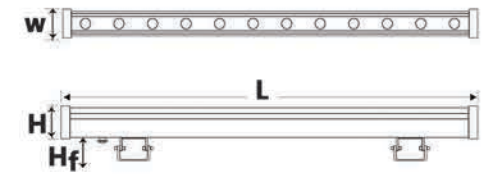
LED Wall Washer
Linear wall-side luminaire, IP67.
Designed and created for decorative outdoors building lighting.

Body
Made of aluminum sections electrostatic coated after phospho-chromatation and stainless steel supports.
PMMA Lens, Clear glass diffuser.

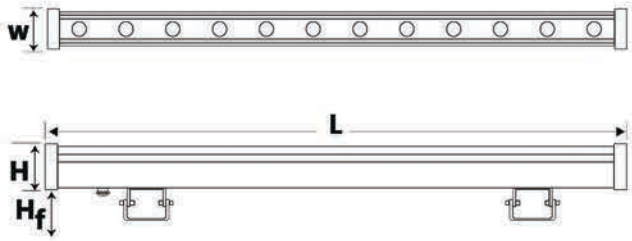
LEDs
Availability of different power ratings and color temperatures.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (LxWxHxHf)
DW9-SMD018260--	LED WALL WASHER SMD 18W-6000K L30 IP67	18	0.972	1225	91.58	10.5	70	6000	395*85*78*90
DW9-SMD018240--	LED WALL WASHER SMD 18W-4000K L30 IP67	18	0.972	1225	91.58	10.5	70	4000	395*85*78*90
DW9-SMD018230--	LED WALL WASHER SMD 18W-3000K L30 IP67	18	0.972	1225	91.58	10.5	70	3000	395*85*78*90
DW18-SMD036260--	LED WALL WASHER SMD 36W-6000K L60 IP67	36	0.972	3590	91.58	10.5	70	6000	695*85*78*90
DW18-SMD036240--	LED WALL WASHER SMD 36W-4000K L60 IP67	36	0.972	3590	91.58	10.5	70	4000	695*85*78*90
DW18-SMD036230--	LED WALL WASHER SMD 36W-3000K L60 IP67	36	0.972	3590	91.58	10.5	70	3000	695*85*78*90
DW18-SMD036RGB--	LED WALL WASHER SMD 36W-RGB L60 IP67	36	0.972	RGB	RGB	RGB	RGB	RGB	695*85*78*90

Dimensional Drawing

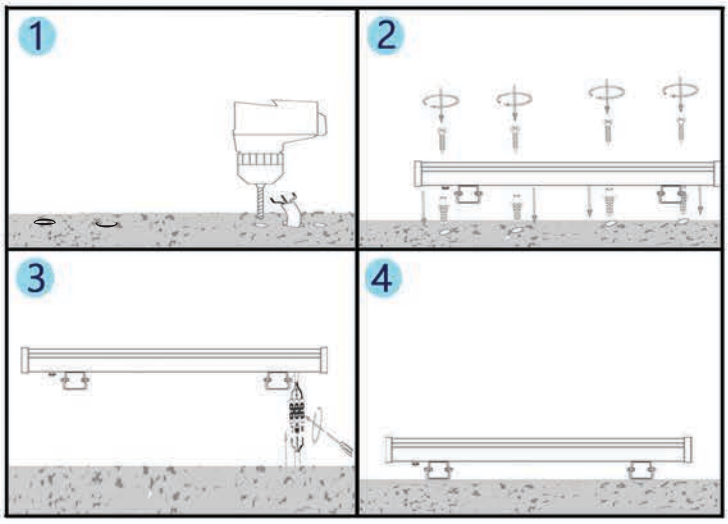


18W

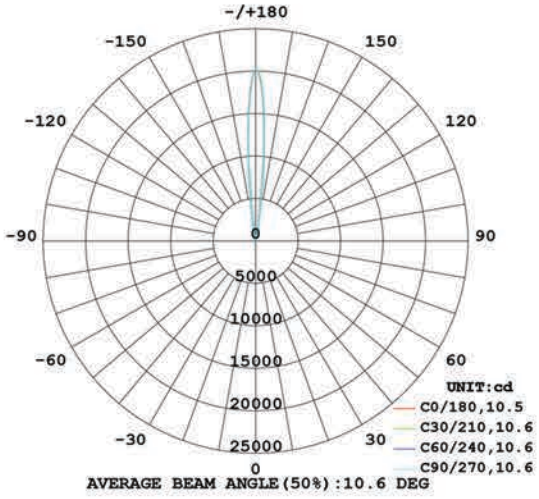


36W

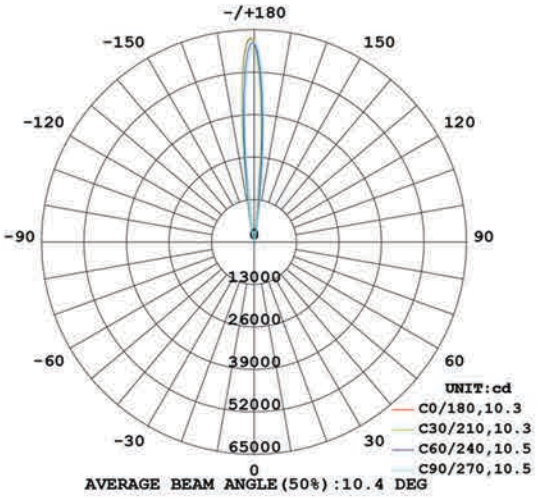
Install Guide



Photometric Data

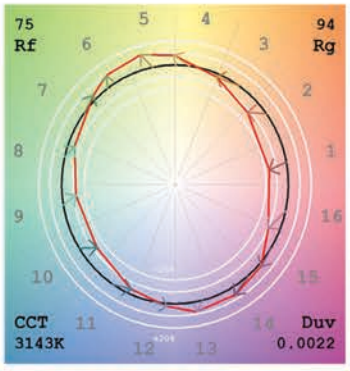


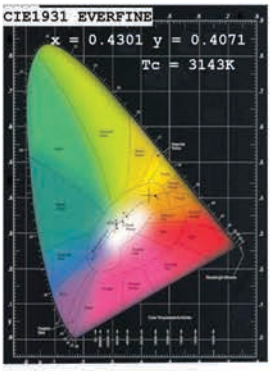
18W

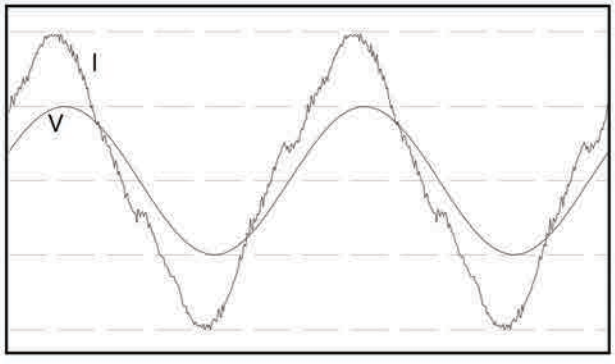


36W

Spectrometry











LED GARDEN SPIKE

LED Garden Spike
Dirt/soil direct plunger mounted luminaire, Powered By COB LEDs , IP65.
Designed and created for decorative outdoors garden/plant vectored lighting.

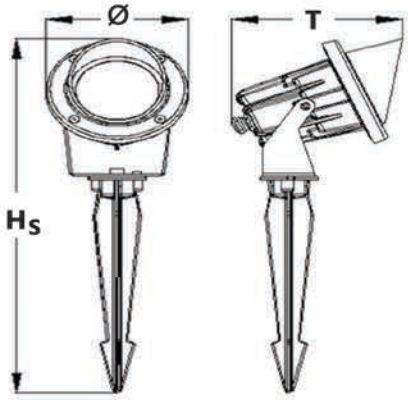


BODY
Made of Die Cast Aluminum electrostatic coated after phospho-chromatation.
Stainless steel holder, Segmented specular reflector, Tempered clear glass diffuser.

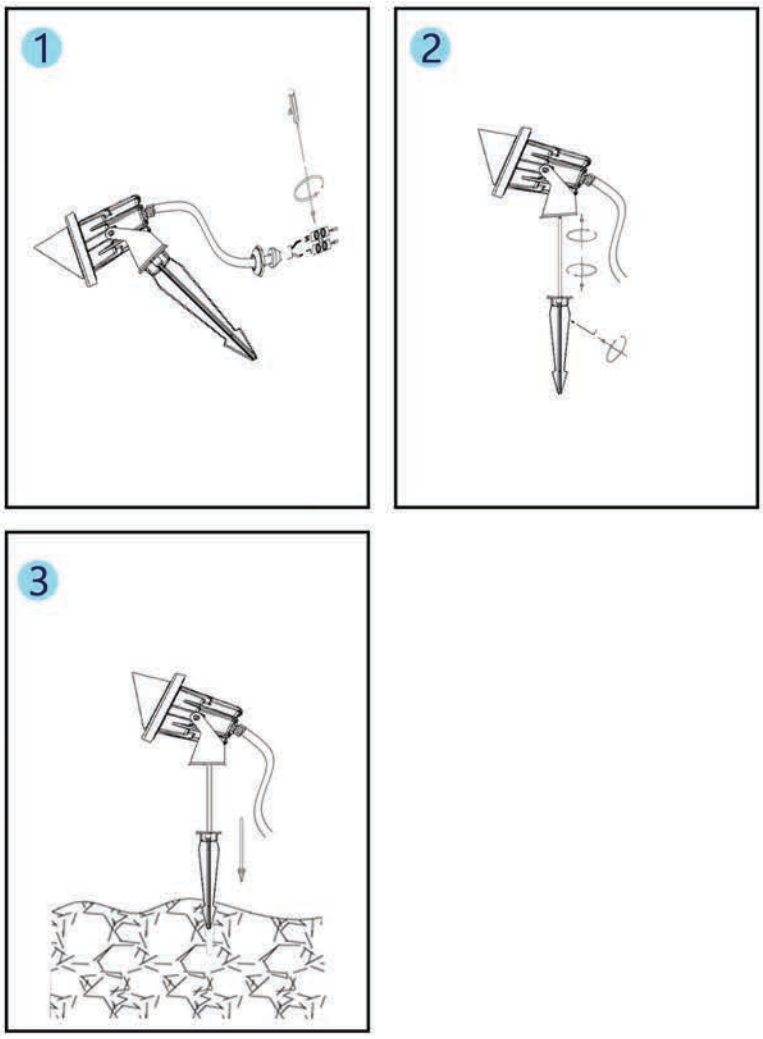
LEDs
Availability of different color temperatures.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (øxTxHs)
--HAN-COB010260	LED GARDEN SPIKE 10W 6000K IP65	10	0.926	604	60	43.7	81.7	6000	109*131*225
--HAN-COB010240	LED GARDEN SPIKE 10W 4000K IP65	10	0.926	604	60	43.7	81.7	4000	109*131*225
--HAN-COB010230	LED GARDEN SPIKE 10W 3000K IP65	10	0.926	604	60	43.7	81.7	3000	109*131*225

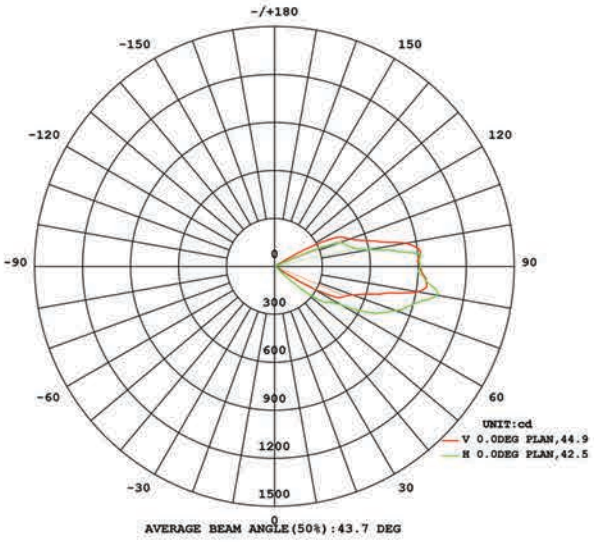
Dimensional Drawing



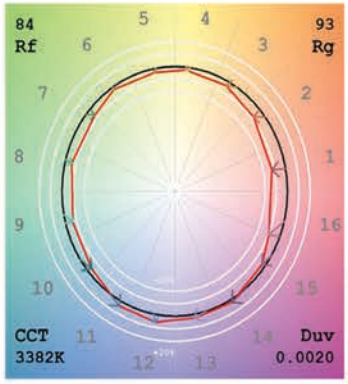
Install Guide

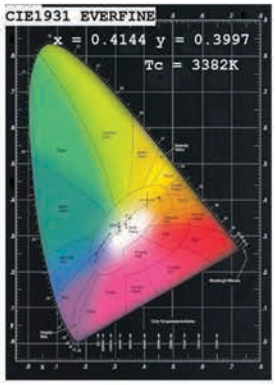


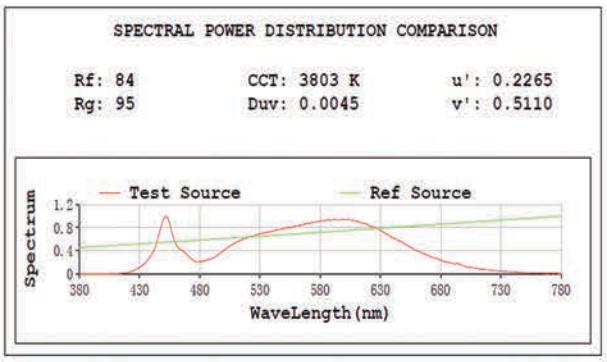
Photometric Data



Spectrometry











LED UP Light
Ground recessed ABS cylinder mounted, Powered By SMD LEDs Light , IP67,IK08.
Designed and created for decorative outdoors building and landscape lighting.

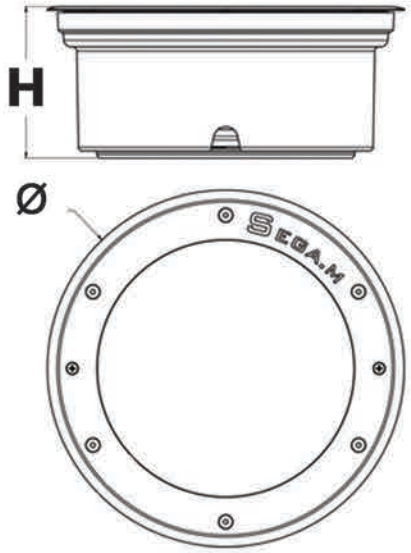


BODY
Made of Stainless steel ring, Die cast aluminum heat sink coated after Phospho-Chromatation, ABS outer shell.
Clear tempered glass diffuser.

LEDs
Availability of different power ratings and color temperatures.

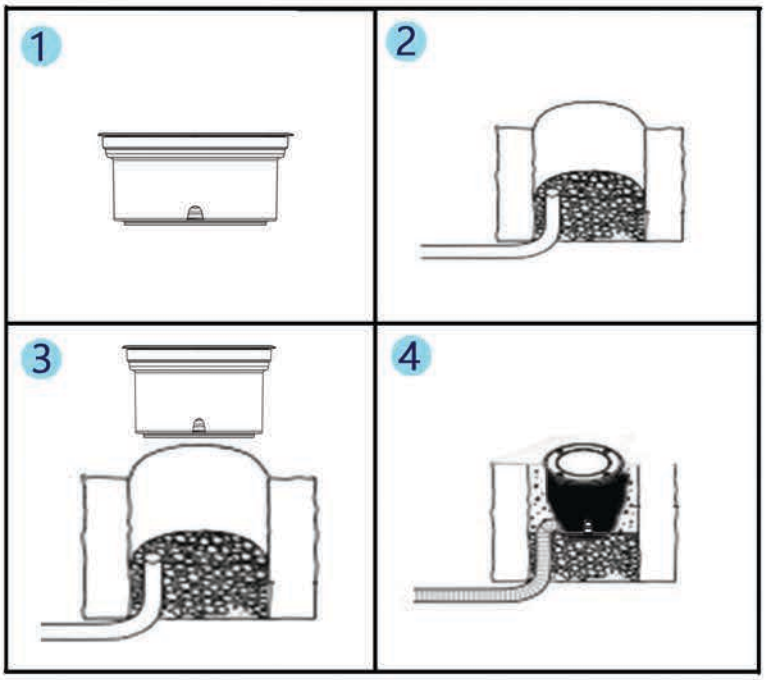
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (°)	CRI	CCT (K)	Dimensions (ØxH)
ZD-SMD036260--	LED CIRCULAR UPLIGHT ZD SMD 36W-6000K D250 IP67	36	0.960	3395	89.25	17.4	82.2	6000	250*107
ZD-SMD036240--	LED CIRCULAR UPLIGHT ZD SMD 36W-4000K D250 IP67	36	0.960	3395	89.25	17.4	82.2	4000	250*107
ZD-SMD036230--	LED CIRCULAR UPLIGHT ZD SMD 36W-3000K D250 IP67	36	0.960	3395	89.25	17.4	82.2	3000	250*107

Dimensional Drawing

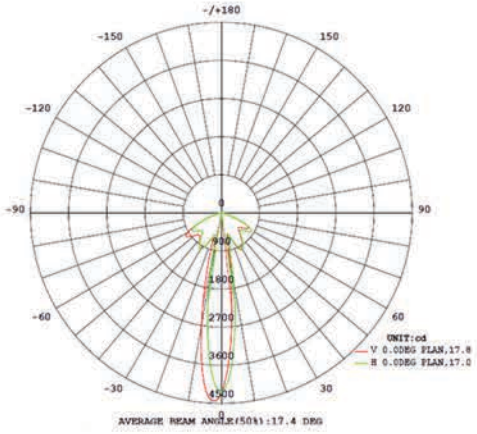


36 W

Install Guide

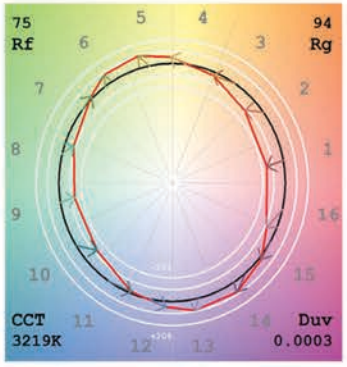


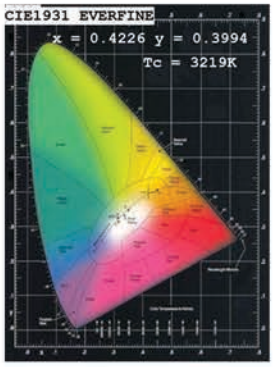
Photometric Data

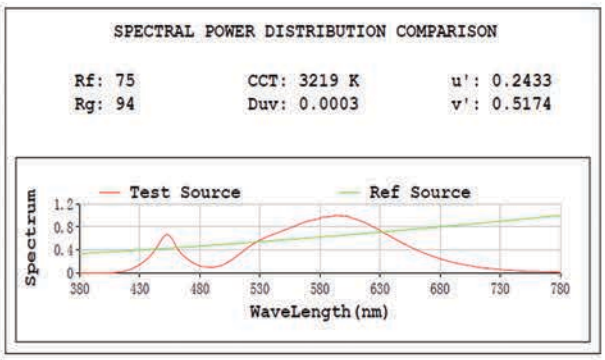


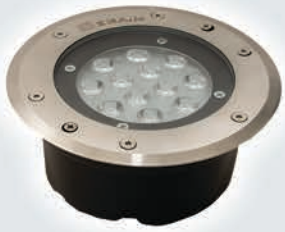
36 W

Spectrometry











LED UP Light
Ground recessed ABS cylinder mounted, Powered By SMD LEDs Light , IP67,IK08.
Designed and created for decorative outdoors building and landscape lighting.

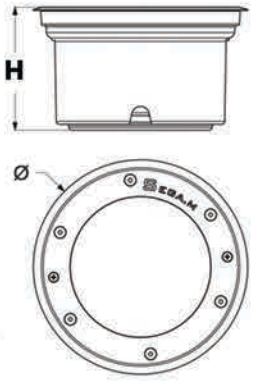


BODY
Made of Stainless steel ring, Die cast aluminum heat sink coated after Phospho-Chromatation, ABS outer shell.
Clear tempered glass diffuser.

LEDs
Availability of different power ratings and color temperatures.

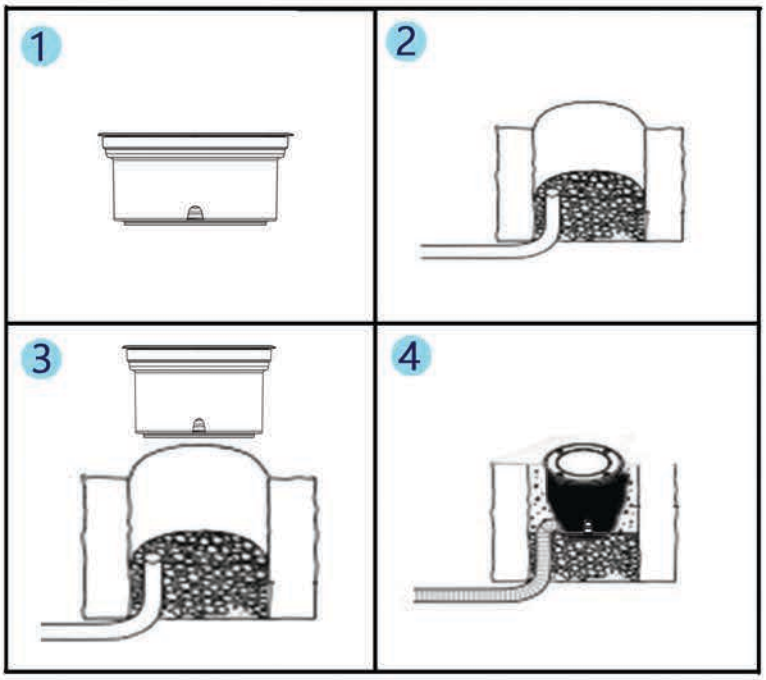
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxH)
ZD-SMD012260--	LED CIRCULAR UPLIGHT ZD SMD 12W-6000K D180 IP67	12	0.968	1326	106.5	23	75.3	6000	180*110
ZD-SMD012240--	LED CIRCULAR UPLIGHT ZD SMD 12W-4000K D180 IP67	12	0.968	1326	106.5	23	75.3	4000	180*110
ZD-SMD012230--	LED CIRCULAR UPLIGHT ZD SMD 12W-3000K D180 IP67	12	0.968	1326	106.5	23	75.3	3000	180*110

Dimensional Drawing

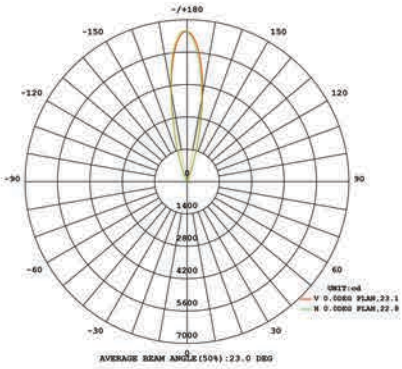


12 W

Install Guide

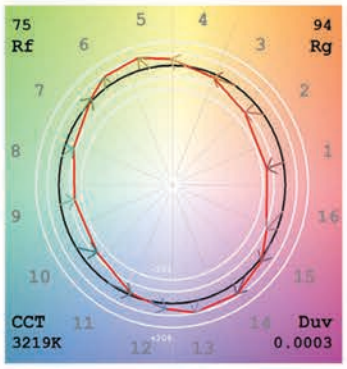


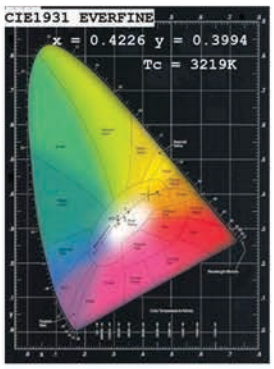
Photometric Data

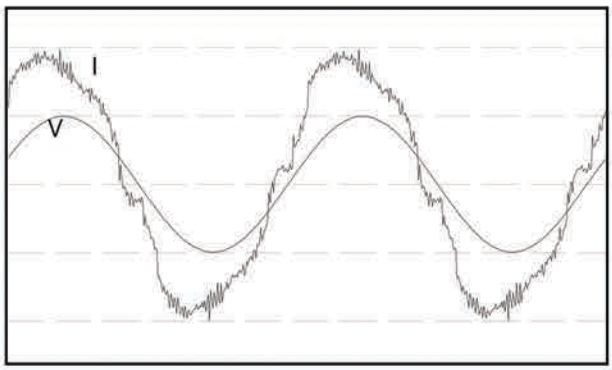


12 W

Spectrometry











LED UP Light
Ground recessed ABS cylinder mounted,Powered By COB LEDs Light IP67, IK08.
Designed and created for decorative outdoors building and landscape lighting.

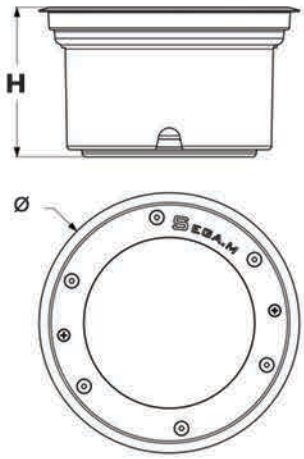


BODY
Made of Stainless steel ring, Die cast aluminum heat sink electrostatic coated after Phospho-Chromatation, ABS outer shell.
Clear or tempered glass diffuser.

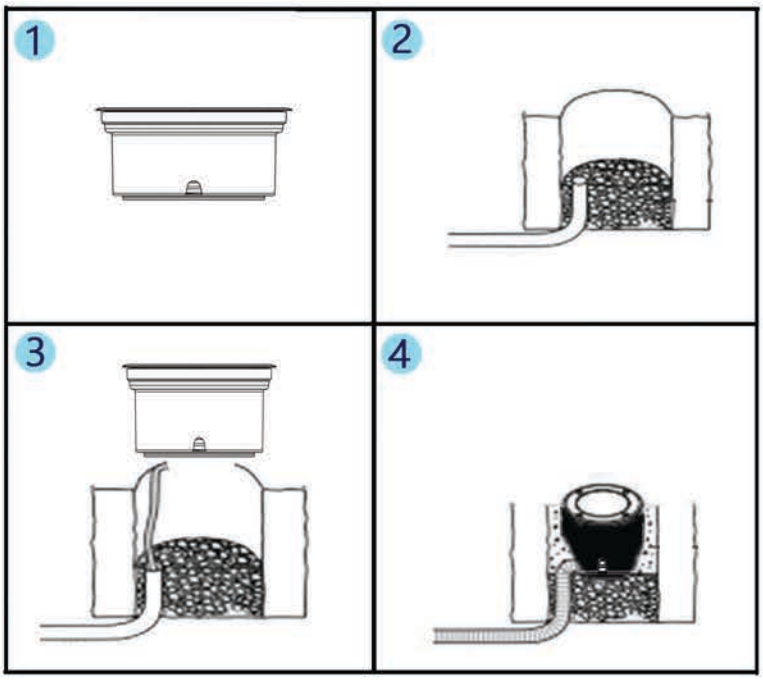
LEDs
Availability of different color temperatures.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxH)
ZD-COB015260--	LED UPLIGHT WIDE BEAM COB 15W-6000K D180 IP67	15	0.942	1469	92.16	89	83	6000	180*104
ZD-COB015240--	LED UPLIGHT WIDE BEAM COB 15W-4000K D180 IP67	15	0.942	1469	92.16	89	83	4000	180*104
ZD-COB015230--	LED UPLIGHT WIDE BEAM COB 15W-3000K D180 IP67	15	0.942	1469	92.16	89	83	3000	180*104

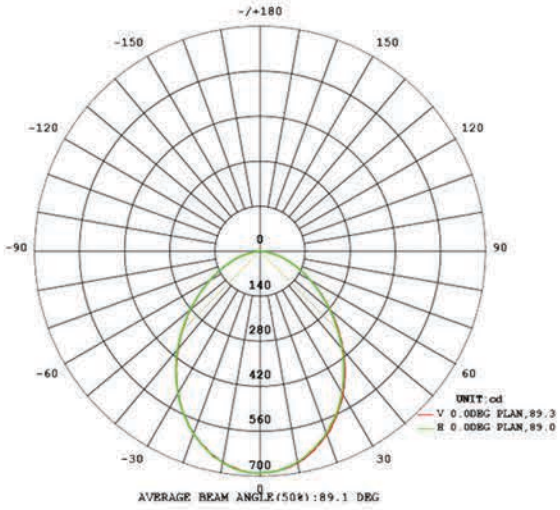
Dimensional Drawing



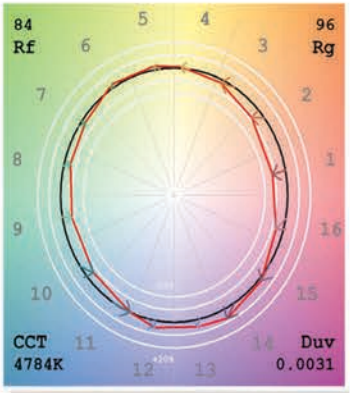
Install Guide

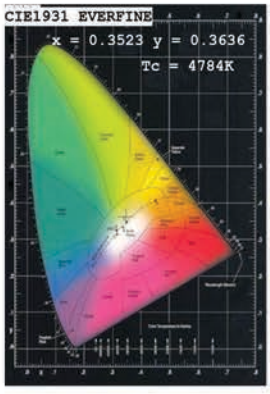


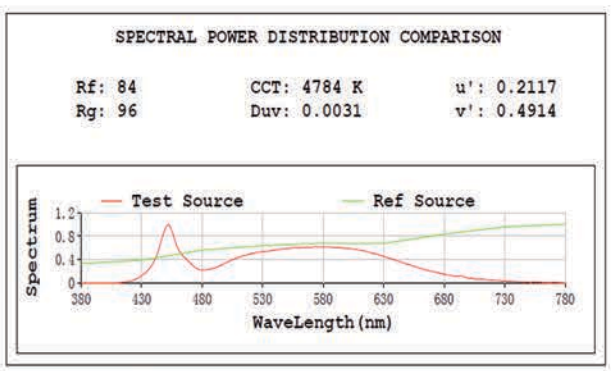
Photometric Data



Spectrometry











LED UP Light
Ground recessed ABS cylinder mounted, Powered by SMD LEDs Light , IP67,IK08.
Designed and created for decorative outdoors building and landscape lighting.

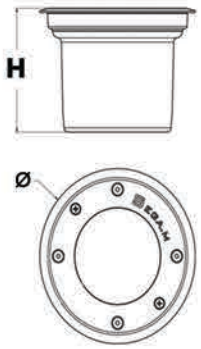


BODY
Made of Stainless steel ring, Die cast aluminum heat sink coated after Phospho-Chromatation, ABS outer shell.
Clear tempered glass diffuser.

LEDs
Availability of different power ratings and color temperatures.

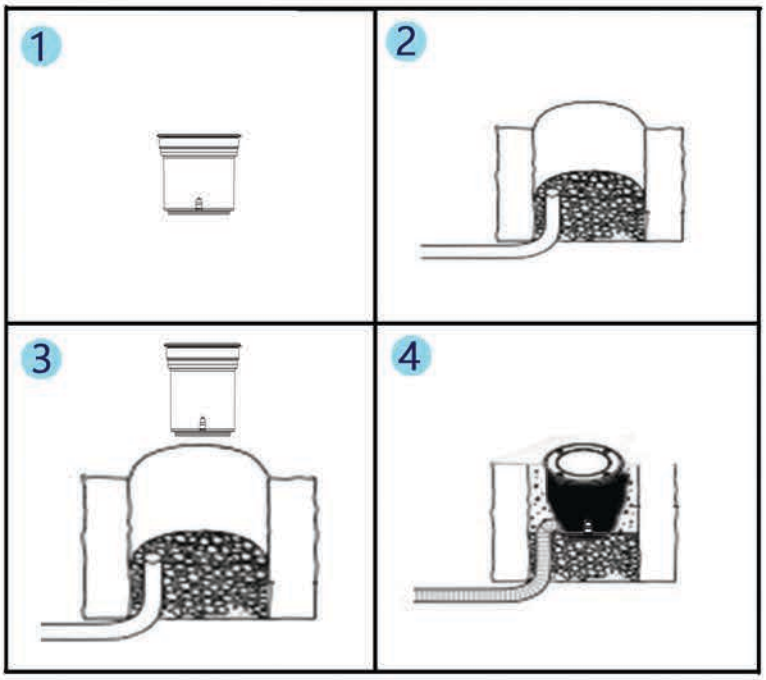
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxH)
ZD-SMD004260--	LED CIRCULAR UPLIGHT ZD SMD 4W-6000K D120 IP67	4	0.448	336.4	79.8	27.6	81.3	6000	118*85
ZD-SMD004240--	LED CIRCULAR UPLIGHT ZD SMD 4W-4000K D120 IP67	4	0.448	336.4	79.8	27.6	81.3	4000	118*85
ZD-SMD004230--	LED CIRCULAR UPLIGHT ZD SMD 4W-3000K D120 IP67	4	0.448	336.4	79.8	27.6	81.3	3000	118*85

Dimensional Drawing

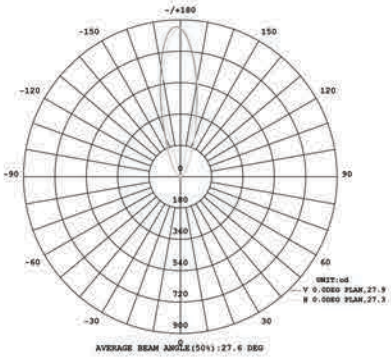


4 W

Install Guide

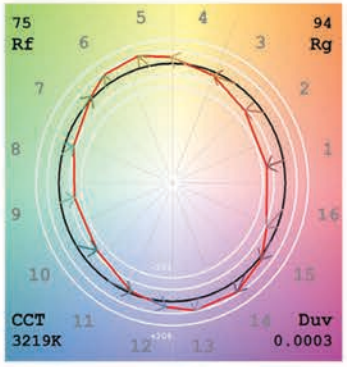


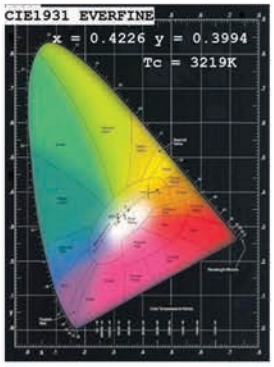
Photometric Data

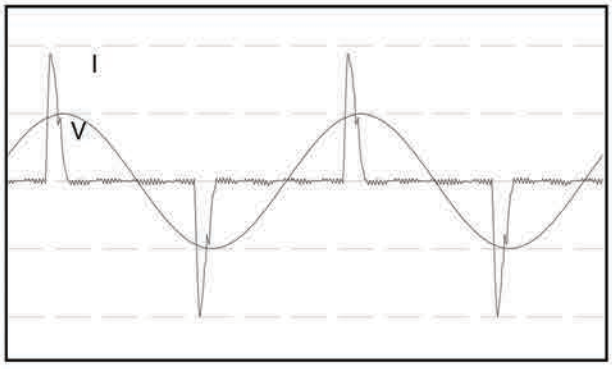


4 W

Spectrometry











LED Decorative Pole (Rect)
Lighting solution for street, business entrances and general outdoor lighting., IP65.

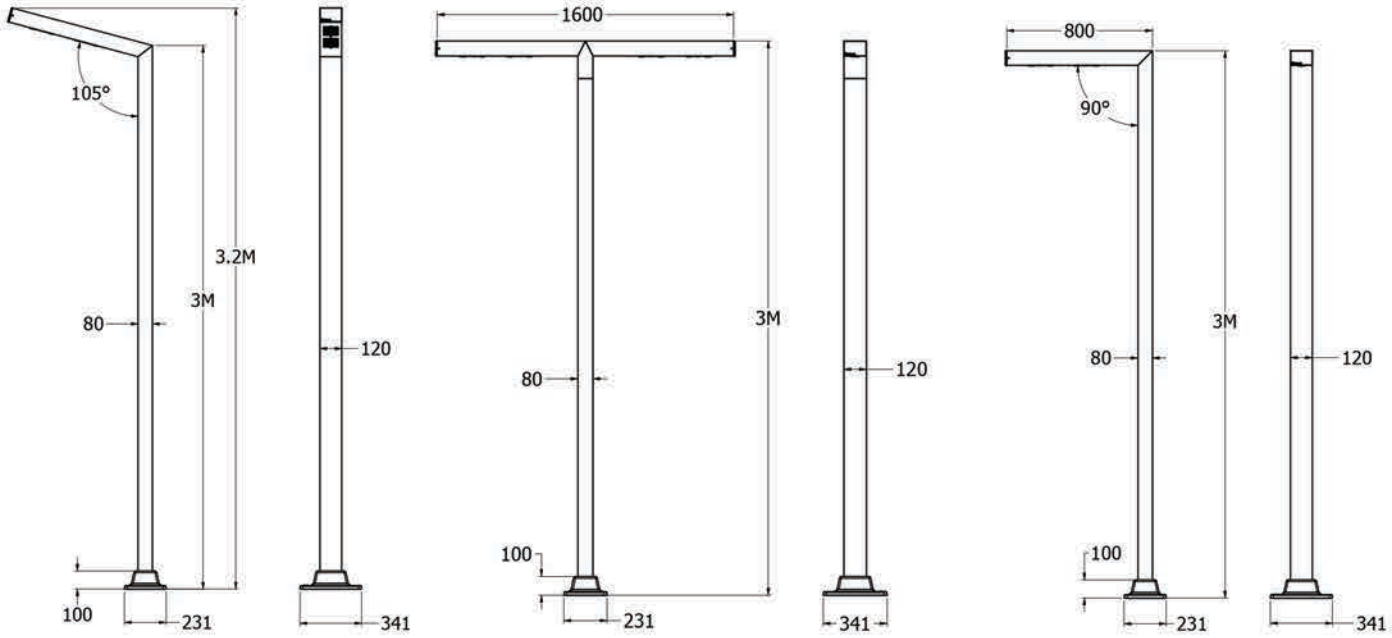


BODY
Made of Die Cast/Extruded Aluminum electrostatic coated
after Phospho-Chromatation.
Electrostatically coated sheet steel reflector, Milky poly carbonate diffuser.

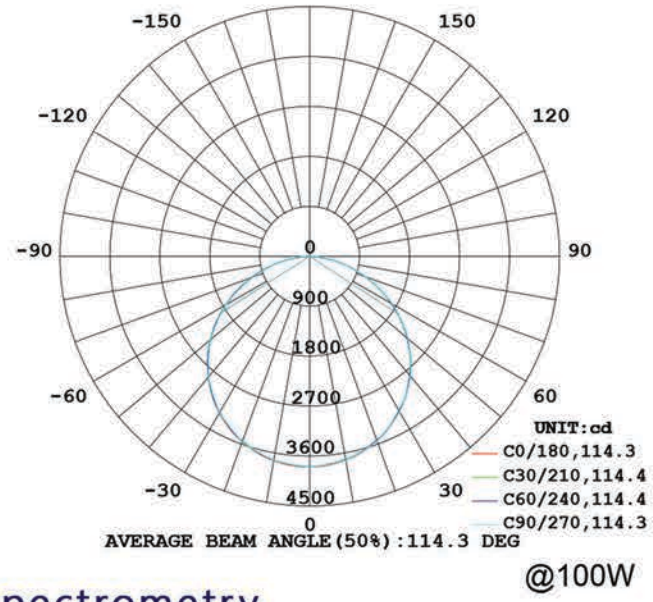
LEDs
Availability of different color temperatures.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (LxBxA,mm)
RECTS300-SMD100230--	LED Decorative pole (Rect) Single, 3m/90°	105	0.973	10912	103	114.3°	85	3000	as Shown at drawings
RECTS300-SMD100240--	LED Decorative pole (Rect) Single, 3m/90°	105	0.973	10912	103	114.3°	85	4000	as Shown at drawings
RECTS300-SMD100260--	LED Decorative pole (Rect) Single, 3m/90	105	0.973	10912	103	114.3°	85	6000	as Shown at drawings
RECT300-SMD100230--	LED Decorative pole (Rect) Single, 3m/105°	105	0.973	10912	103	114.3°	85	3000	as Shown at drawings
RECT300-SMD100240--	LED Decorative pole (Rect) Single, 3m/105°	105	0.973	10912	103	114.3°	85	4000	as Shown at drawings
RECT300-SMD100260--	LED Decorative pole (Rect) Single, 3m/105°	105	0.973	10912	103	114.3°	85	6000	as Shown at drawings
RECTDS300-SMD200230--	LED Decorative pole (Rect) Double, 3m/90°	105	0.973	10912	103	114.3°	85	3000	as Shown at drawings
RECTDS300-SMD200240--	LED Decorative pole (Rect) Double, 3m/90°	105	0.973	10912	103	114.3°	85	4000	as Shown at drawings
RECTDS300-SMD200260--	LED Decorative pole (Rect) Double, 3m/90°	105	0.973	10912	103	114.3°	85	6000	as Shown at drawings
RECTD300-SMD200230--	LED Decorative pole (Rect) Double, 3m/105°	105	0.973	10912	103	114.3°	85	4000	as Shown at drawings
RECTD300-SMD200240--	LED Decorative pole (Rect) Double, 3m/105°	105	0.973	10912	103	114.3°	85	3000	as Shown at drawings
RECTD300-SMD200260--	LED Decorative pole (Rect) Double, 3m/105°	105	0.973	10912	103	114.3°	85	6000	as Shown at drawings

Dimensional Drawing

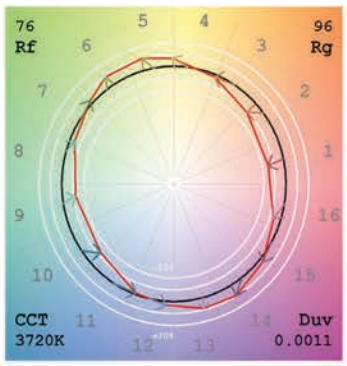


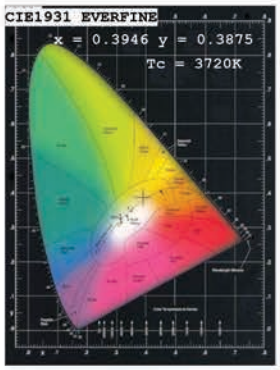
Photometric Data

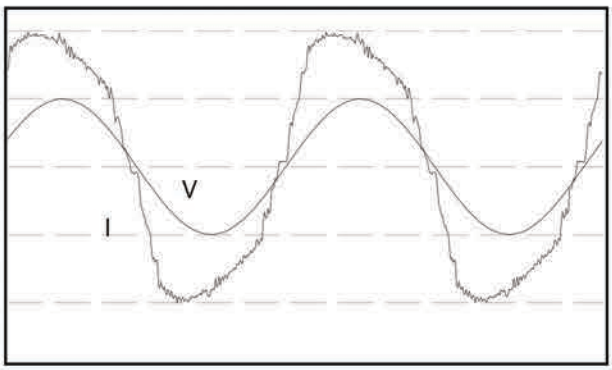


@100W

Spectrometry











LED GANSO Pole

Ground mounting Pole luminaire, Powered By SMD LEDs Light Source, IP65.
Designed and created as lighting solution for gardens and general landscape lighting.



BODY

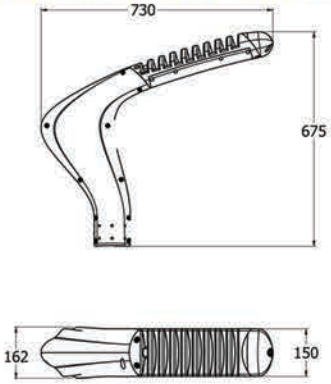
Made of Die Cast/Extruded Aluminum electrostatic coated
after Phospho-Chromatation.
Electrostatically coated sheet steel reflector, Milky poly carbonate diffuser.

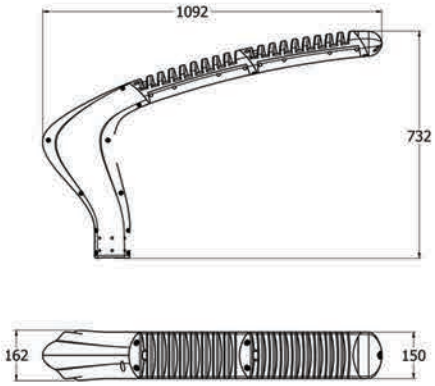
LEDs

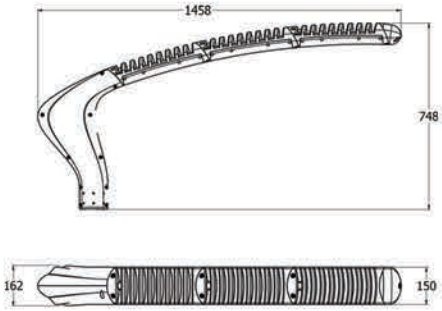
Availability of different color temperatures.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (LxBxA,mm)
GANSO1-SMD030260--	LED Decorative pole head Ganso single	30	0.973	3045	101	118.2°	85	6000	as Shown at drawings
GANSO1-SMD030240--	LED Decorative pole head Ganso single	30	0.973	3045	101	118.2°	85	4000	as Shown at drawings
GANSO1-SMD030240--	LED Decorative pole head Ganso single	30	0.973	3045	101	118.2°	85	3000	as Shown at drawings
GANSO2-SMD060260--	LED Decorative pole head Ganso single	60	0.973	6080	101	118.2°	85	6000	as Shown at drawings
GANSO2-SMD060240--	LED Decorative pole head Ganso single	60	0.973	6080	101	118.2°	85	4000	as Shown at drawings
--GANSO2-SMD060230	LED Decorative pole head Ganso single	60	0.973	6080	101	118.2°	85	3000	as Shown at drawings
GANSO3-SMD090260--	LED Decorative pole head Ganso single	90	0.973	9135	101	118.2°	85	6000	as Shown at drawings
GANSO3-SMD090240--	LED Decorative pole head Ganso single	90	0.973	9135	101	118.2°	85	4000	as Shown at drawings
GANSO3-SMD090230--	LED Decorative pole head Ganso single	90	0.973	9135	101	118.2°	85	3000	as Shown at drawings

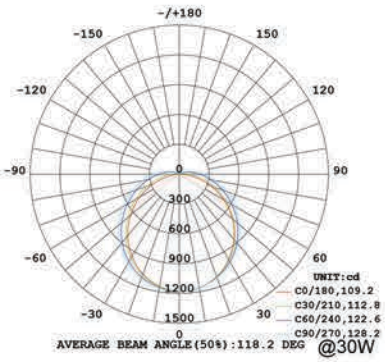
Dimensional Drawing

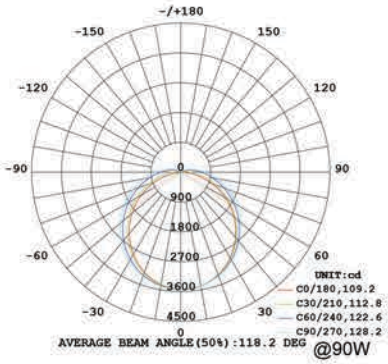


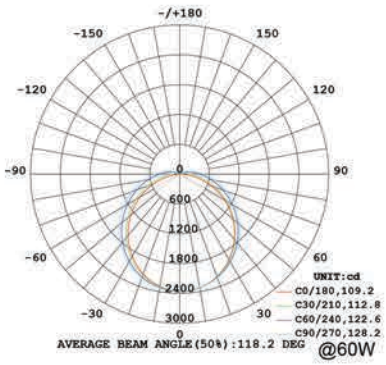




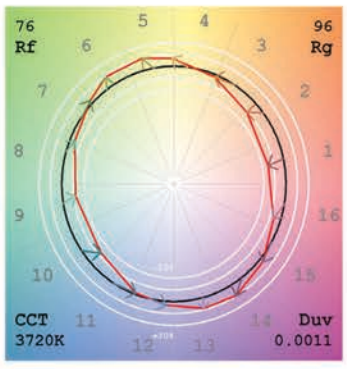
Photometric Data

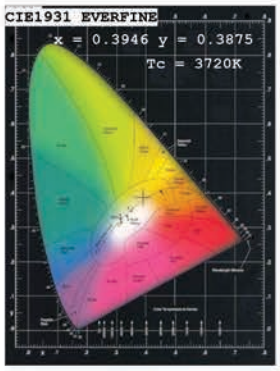


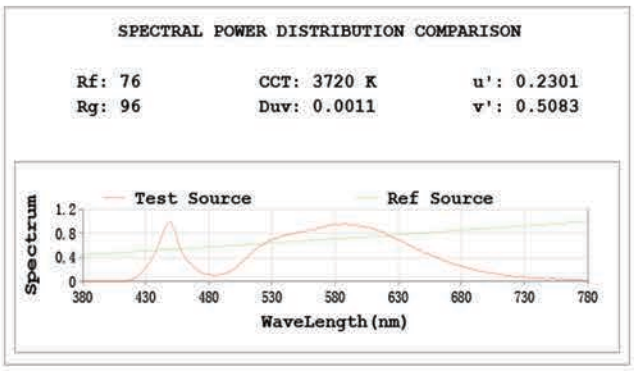




Spectrometry











LED CIRCULAR GARDEN POLE HEAD

LED Circular Garden Pole Head

Pole mounting luminaire, Powered By SMD LEDs Light Source, IP65.
Designed and created for landscape lighting.



BODY

Made of Die Cast and Press Formed Aluminum electrostatic coated after Phospho-Chromatation.
PMMA Lenses with Poly carbonate outer shield diffuser.

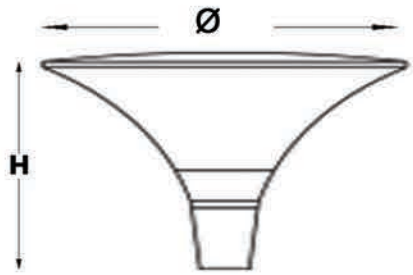
LEDs

Availability of different color temperatures.

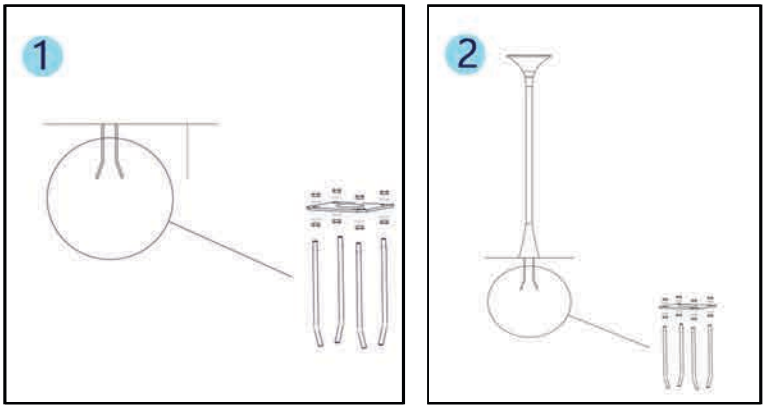
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxH)
SPH-SMD070260--	LED GARDEN POLE HEAD 70W 6000K IP65	70	0.986	8506	122.72	163	72.2	6000	585*390
SPH-SMD070240--	LED GARDEN POLE HEAD 70W 4000K IP65	70	0.986	8506	122.72	163	72.2	4000	585*390
SPH-SMD070230--	LED GARDEN POLE HEAD 70W 3000K IP65	70	0.986	8506	122.72	163	72.2	3000	585*390

Zhaga IP 65

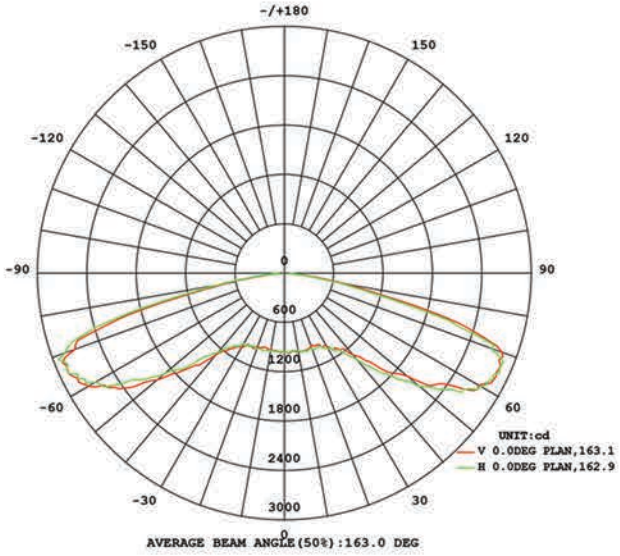
Dimensional Drawing



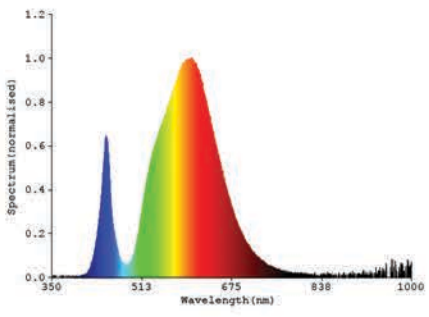
Install Guide

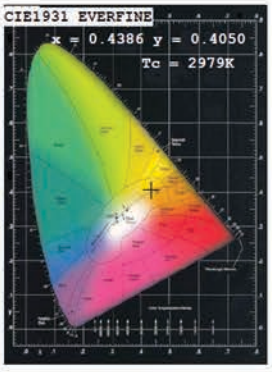


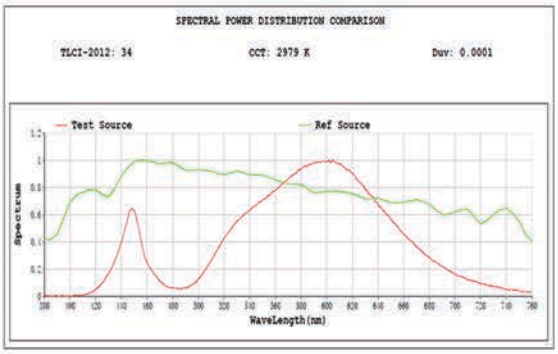
Photometric Data



Spectrometry











LED Trio Garden Pole Head
Pole mounting luminaire, Powered By SMD LEDs Light Source, IP65.
Designed and created for landscape lighting.

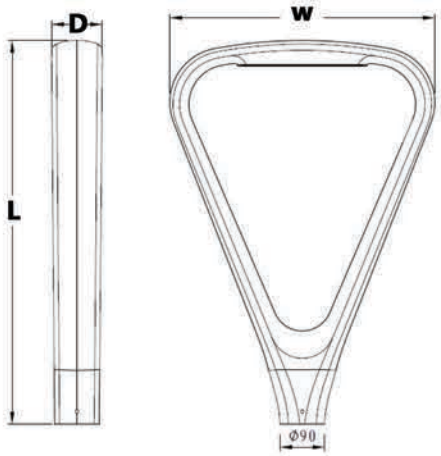


BODY
Made of Die Cast and Press Formed Aluminum electrostatic coated after Phospho-Chromatation
PMMA Lenses with Glass Outer Shield outer shield diffuser.

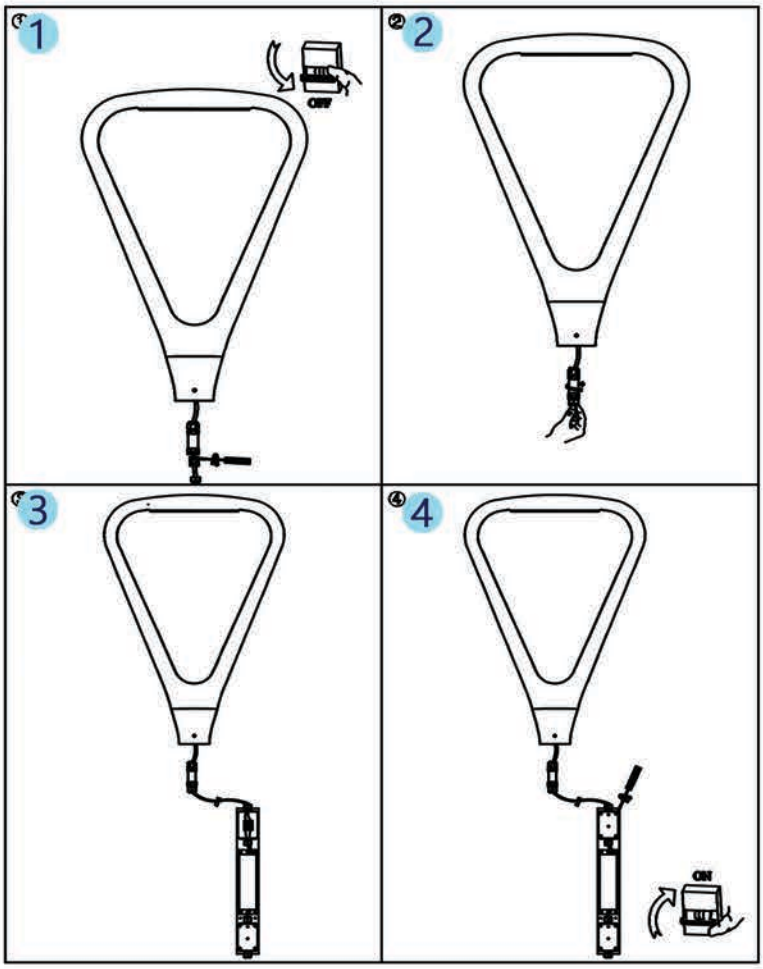
LEDs
Availability of different color temperatures.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (LxWxH)
T151-SMD060260--	Decorative Pole Head 60W-6000K IP65	60	0.985	5336	91.4	270	72.3	6000	775*535*105
T151-SMD060240--	Decorative Pole Head 60W-4000K IP65	60	0.985	5336	91.4	270	72.3	4000	775*535*105
T151-SMD060230--	Decorative Pole Head 60W-3000K IP65	60	0.985	5336	91.4	270	72.3	3000	775*535*105

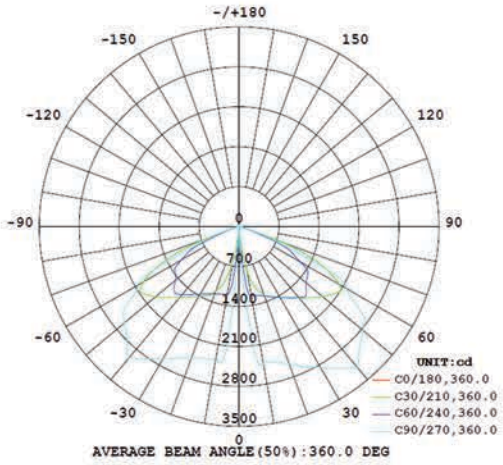
Dimensional Drawing



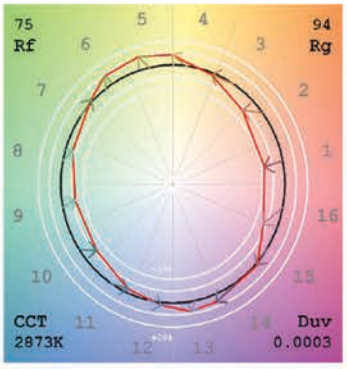
Install Guide

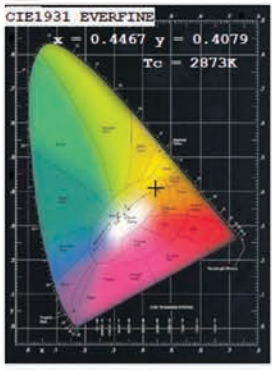


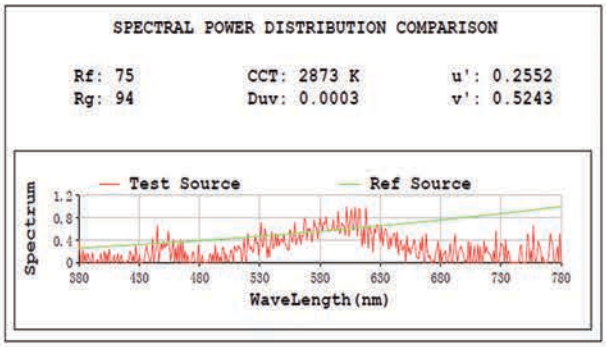
Photometric Data



Spectrometry











LED Diamond Garden Pole Head
Pole mounting luminaire,Powered By SMD LEDs Light Source, IP65.
Designed and created for landscape lighting.



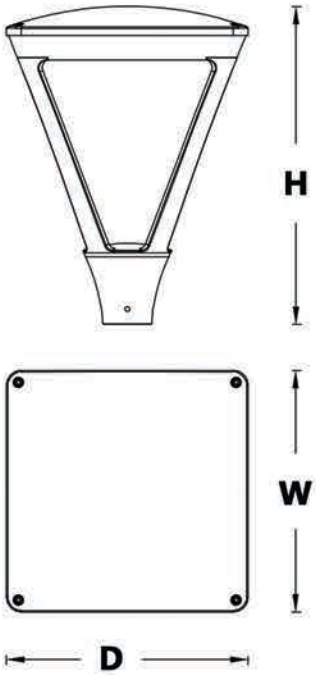
BODY
Made of Die Cast and Press Formed Aluminum electrostatic coated after Phospho-Chromatation.
PMMA Lenses with Glass Outer Shield.

LEDs
Availability of different color temperatures.

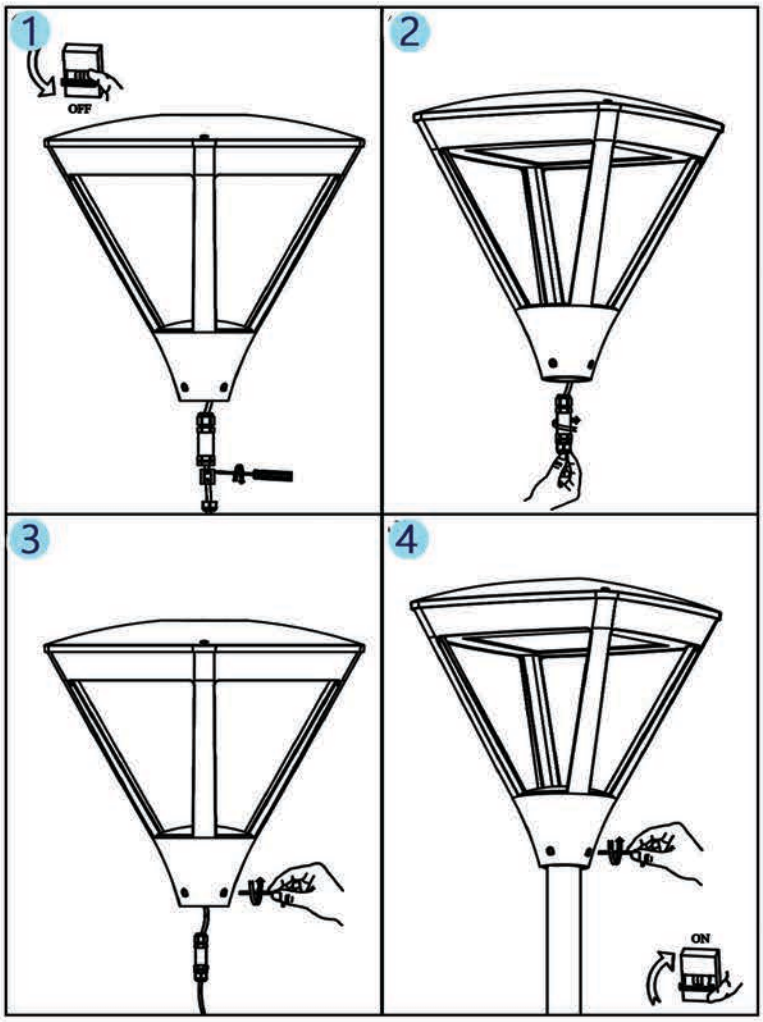
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (DxWxH)
T70N-SMD060260--	Decorative Pole Head 60W-6000K IP65	60	0.986	5892	95.78	158.2	73	6000	380*380*500
T70N-SMD060240--	Decorative Pole Head 60W-4000K IP65	60	0.986	5892	95.78	158.2	73	4000	380*380*500
T70N-SMD060230--	Decorative Pole Head 60W-3000K IP65	60	0.986	5892	95.78	158.2	73	3000	380*380*500

Zhaga IP 65

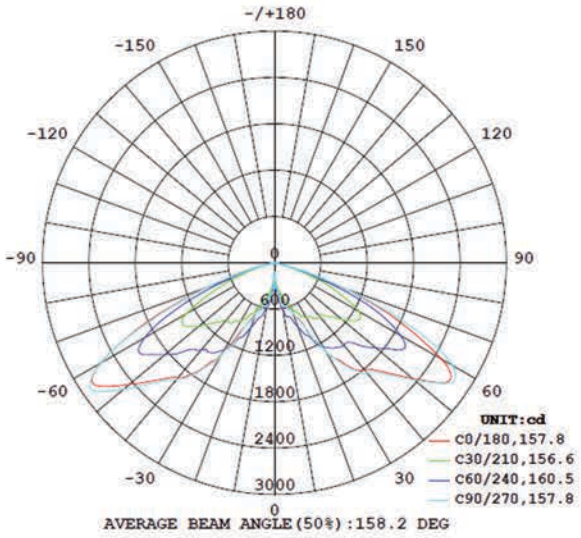
Dimensional Drawing



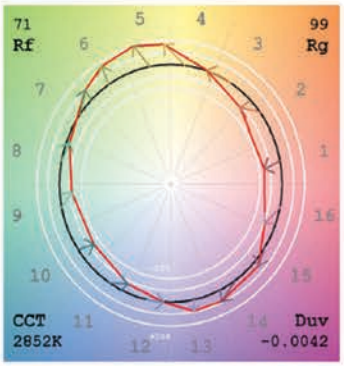
Install Guide

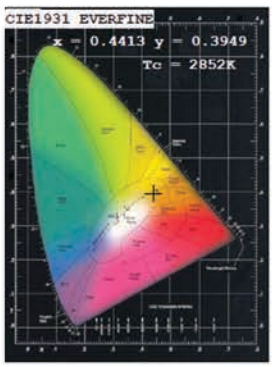


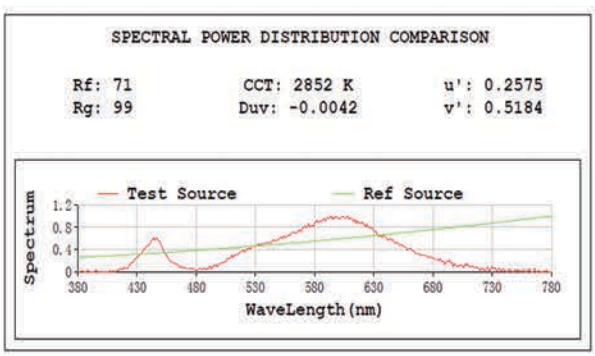
Photometric Data



Spectrometry











LED Torch Garden Pole

Ground mounting Pole luminaire, Powered By SMD LEDs Light Source, IP65.
Designed and created as lighting solution for gardens and general landscape lighting.



BODY

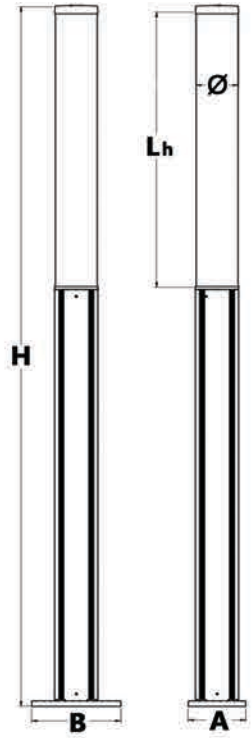
Made of Die Cast/Extruded Aluminum electrostatic coated
after Phospho-Chromatation.
Electrostatically coated sheet steel reflector, Milky poly carbonate diffuser.

LEDs

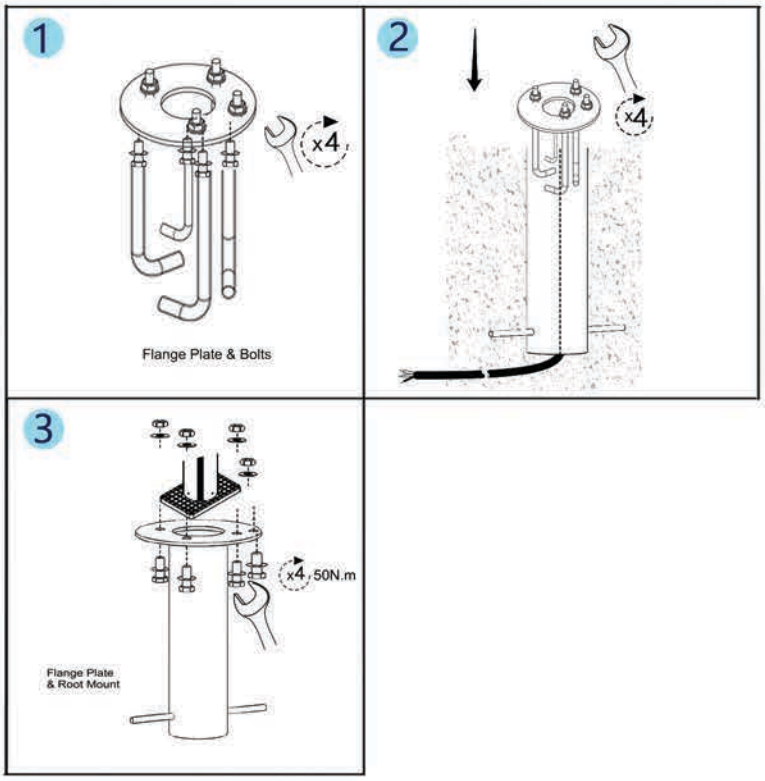
Availability of different color temperatures.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxLhxAxBxH)
TORCH250-SMD038260--	LED LIGHTING POLE TORCH L250 SMD 38W-6000K IP65	38	0.975	3548	90.95	270	91.1	6000	136*1000*182*282*2545
TORCH250-SMD038240--	LED LIGHTING POLE TORCH L250 SMD 38W-4000K IP65	38	0.975	3548	90.95	270	91.1	4000	136*1000*182*282*2545
TORCH250-SMD038230--	LED LIGHTING POLE TORCH L250 SMD 38W-3000K IP65	38	0.975	3548	90.95	270	91.1	3000	136*1000*182*282*2545

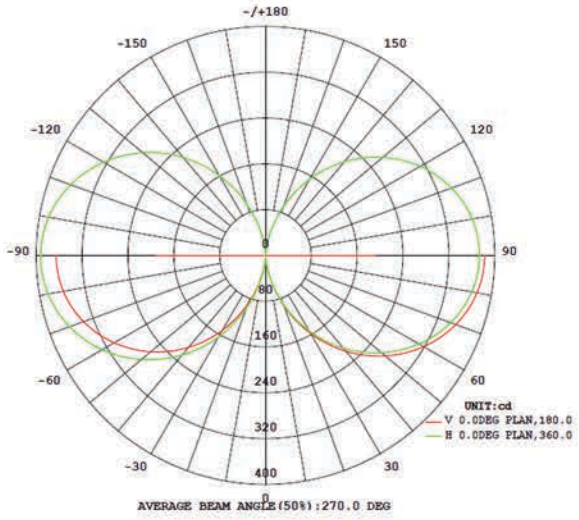
Dimensional Drawing



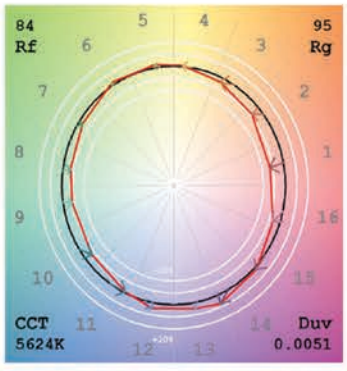
Install Guide

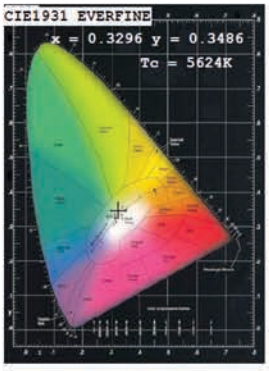


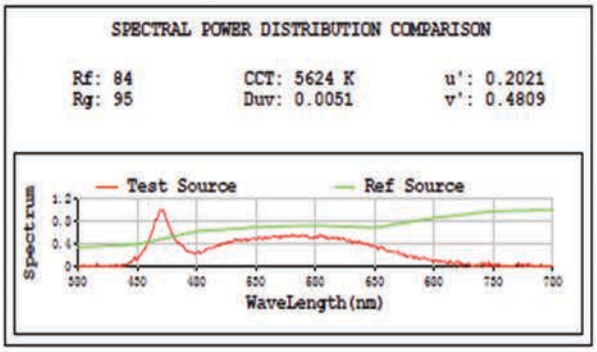
Photometric Data



Spectrometry











LED SQUARED GARDEN POLE

LED Squared Garden Pole
Ground mounting Squared Down Light, Powered By COB LEDs Light IP65.
Designed and created for landscape lighting.

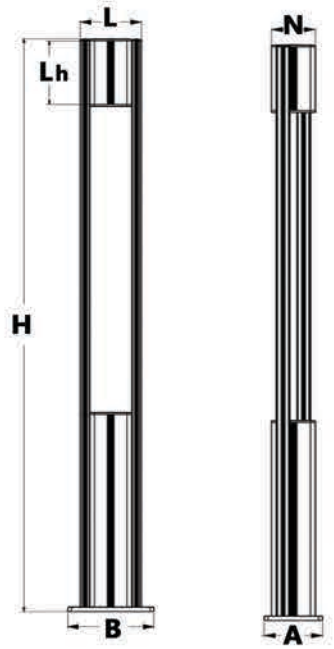


BODY
Made of Die Cast/extruded Aluminum electrostatic coated after phospho-Chromatation.
Segmented Specular reflector, Textured glass diffuser.

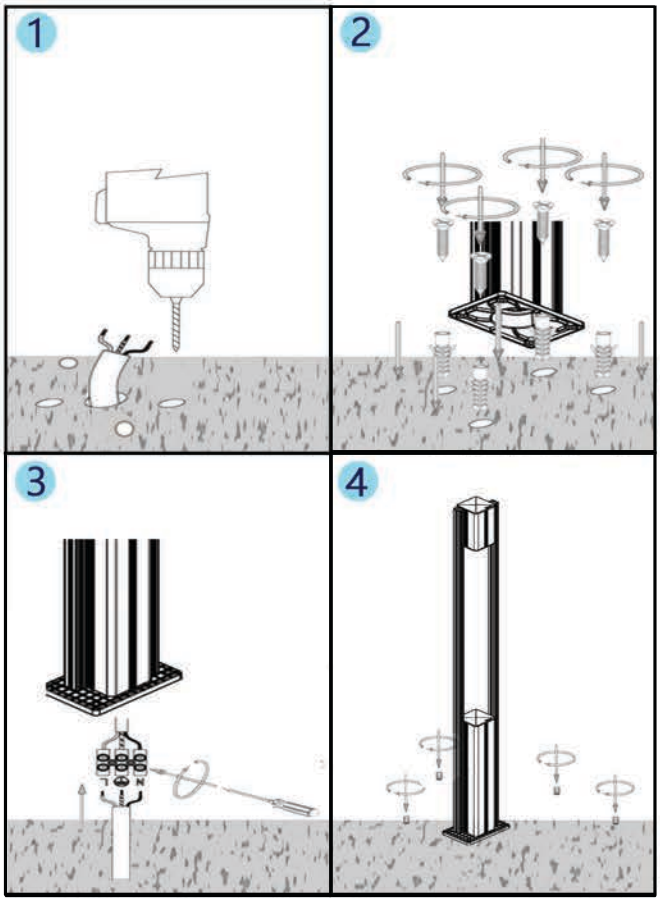
LEDs
Availability of different color temperatures and spread angles.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (LxNxAxBxLhxH)
PSQR1-COB020260--	LED GARDEN POLE 2.5m SQUARED 27° SPREAD	20	0.950	2089	95	27.5	83.4	6000	198*136*182*282*298*2530
PSQR1-COB020240--	LED GARDEN POLE 2.5m SQUARED 27° SPREAD	20	0.950	2089	95	27.5	83.4	4000	198*136*182*282*298*2530
PSQR1-COB020230--	LED GARDEN POLE 2.5m SQUARED 27° SPREAD	20	0.950	2089	95	27.5	83.4	3000	198*136*182*282*298*2530
PSQR2-COB020260--	LED GARDEN POLE 2.5m SQUARED 56° SPREAD	20	0.950	1991	91	56.5	83.9	6000	198*136*182*282*298*2530
PSQR2-COB020240--	LED GARDEN POLE 2.5m SQUARED 56° SPREAD	20	0.950	1991	91	56.5	83.9	4000	198*136*182*282*298*2530
PSQR2-COB020230--	LED GARDEN POLE 2.5m SQUARED 56° SPREAD	20	0.950	1991	91	56.5	83.9	3000	198*136*182*282*298*2530

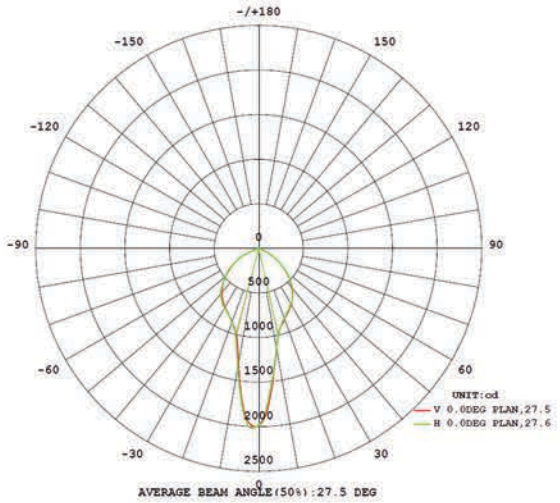
Dimensional Drawing



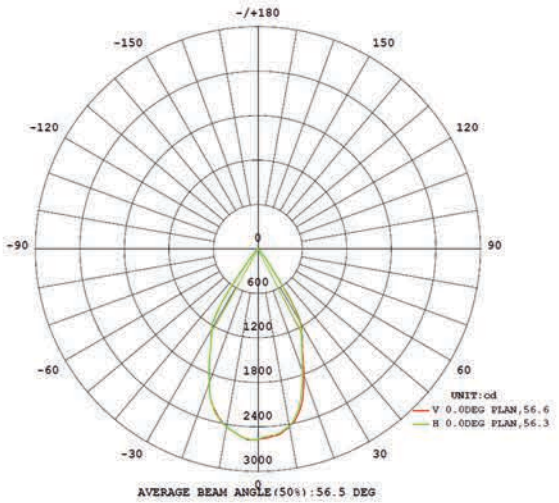
Install Guide



Photometric Data

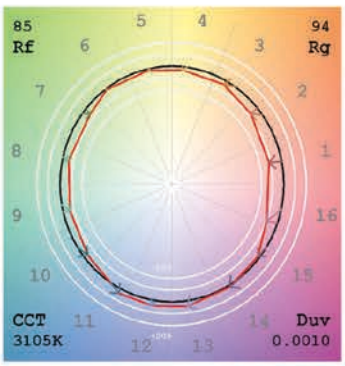


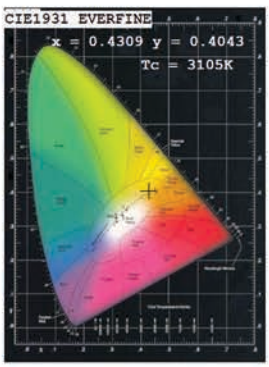
Reflector R1

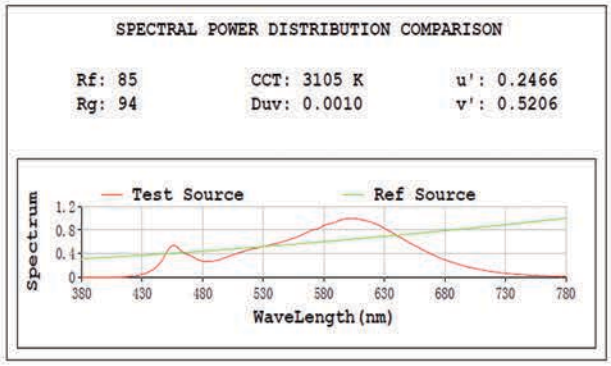


Reflector R2

Spectrometry











LED Squared Garden Bollard
Ground mounting Squared Down Light, Powered by COB LED Light IP65.
Designed and created for landscape lighting.

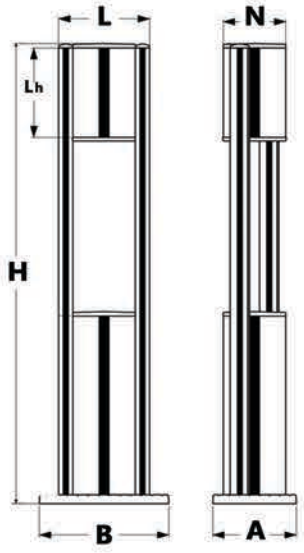


BODY
Made of Die Cast/Extruded Aluminum sections electrostatic coated after phospho-Chromatation.
Segmented specular reflector, Textured glass diffuser.

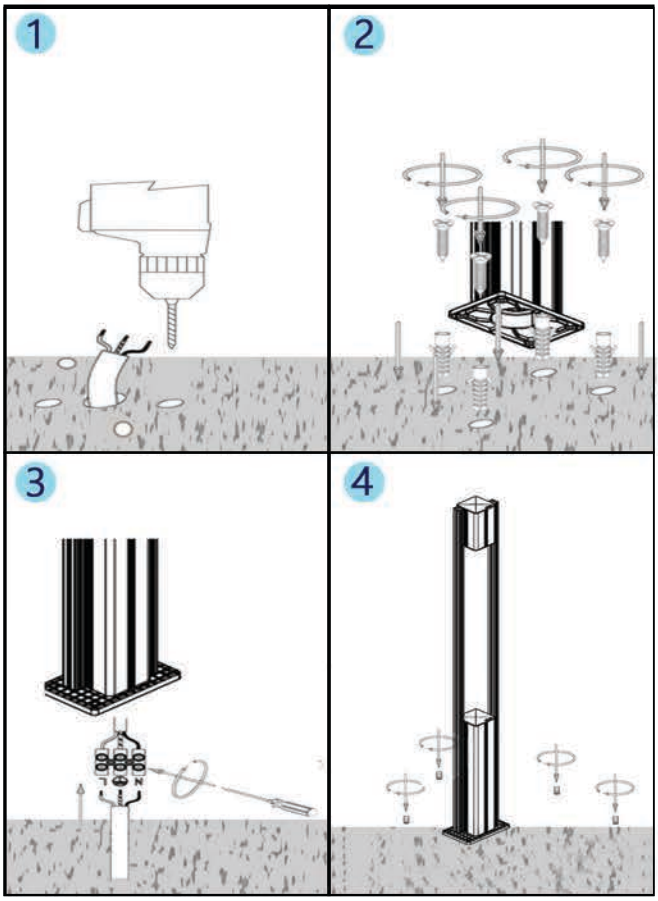
LEDs
Availability of different color temperatures and spread angles.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (LxNxAxBxLhxH)
BLR1-COB012260--	LED GARDEN BOLLARD 1m SQUARED 100° SPREAD	12	0.965	1122	96.5	100	83.7	6000	198*136*182*282*218*1030
BLR1-COB012240--	LED GARDEN BOLLARD 1m SQUARED 100° SPREAD	12	0.965	1122	96.5	100	83.7	4000	198*136*182*282*218*1030
BLR1-COB012230--	LED GARDEN BOLLARD 1m SQUARED 100° SPREAD	12	0.965	1122	96.5	100	83.7	3000	198*136*182*282*218*1030
BLR2-COB012260--	LED GARDEN BOLLARD 1m SQUARED 35° SPREAD	12	0.960	1101	98.2	35	84.3	6000	198*136*182*282*218*1030
BLR2-COB012240--	LED GARDEN BOLLARD 1m SQUARED 35° SPREAD	12	0.960	1101	98.2	35	84.3	4000	198*136*182*282*218*1030
BLR2-COB012230--	LED GARDEN BOLLARD 1m SQUARED 35° SPREAD	12	0.960	1101	98.2	35	84.3	3000	198*136*182*282*218*1030

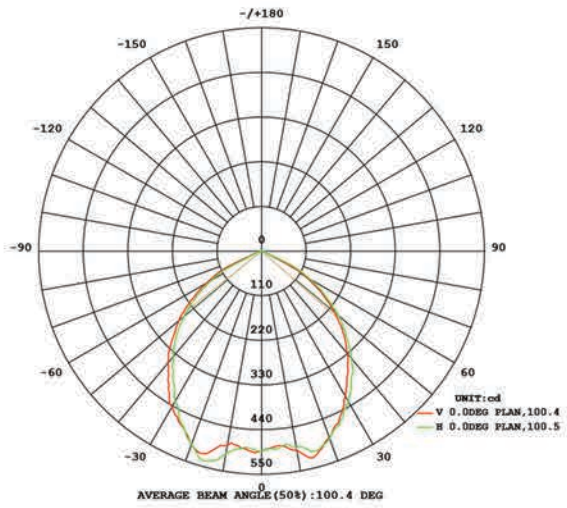
Dimensional Drawing



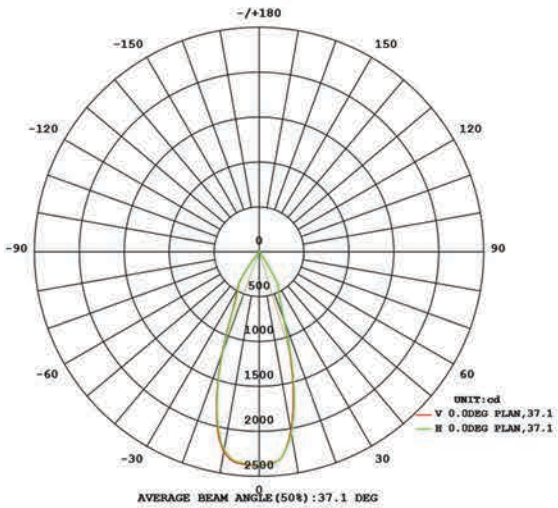
Install Guide



Photometric Data

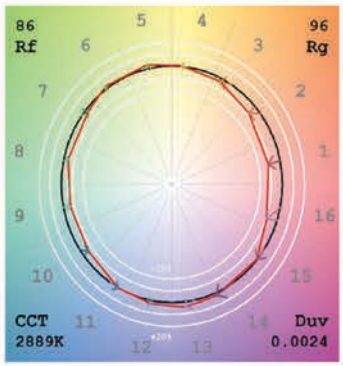


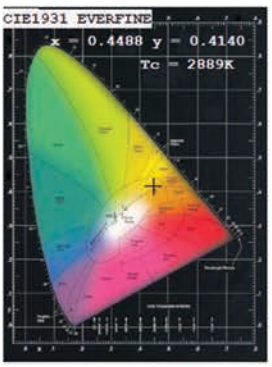
Reflector R1

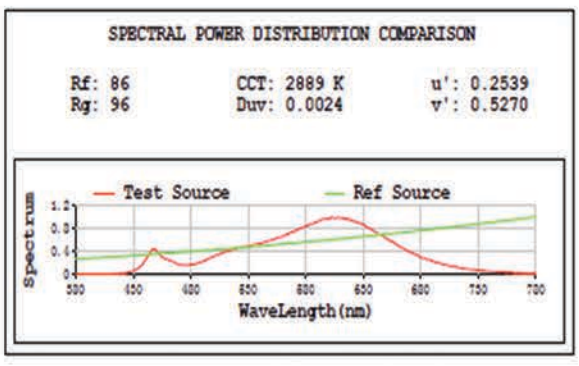


Reflector R2

Spectrometry











LED BOLLARD IMRO SQUARE

Imro Bollard Square
Ground mounted luminaire, Powered By SMD LEDs Light IP65.
Designed and created as lighting solution for gardens and general landscape lighting.

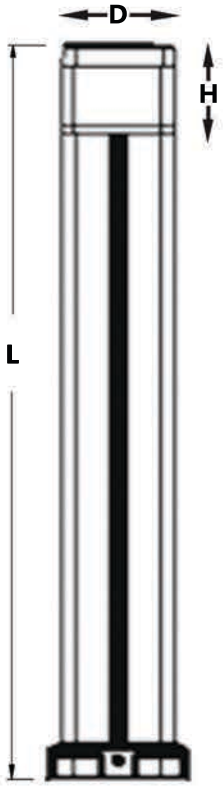


BODY
Made of Die cast/Extruded aluminum electrostatic coated after phospho-chromatation.
Specular aluminum reflector, clear poly carbonate diffuser.

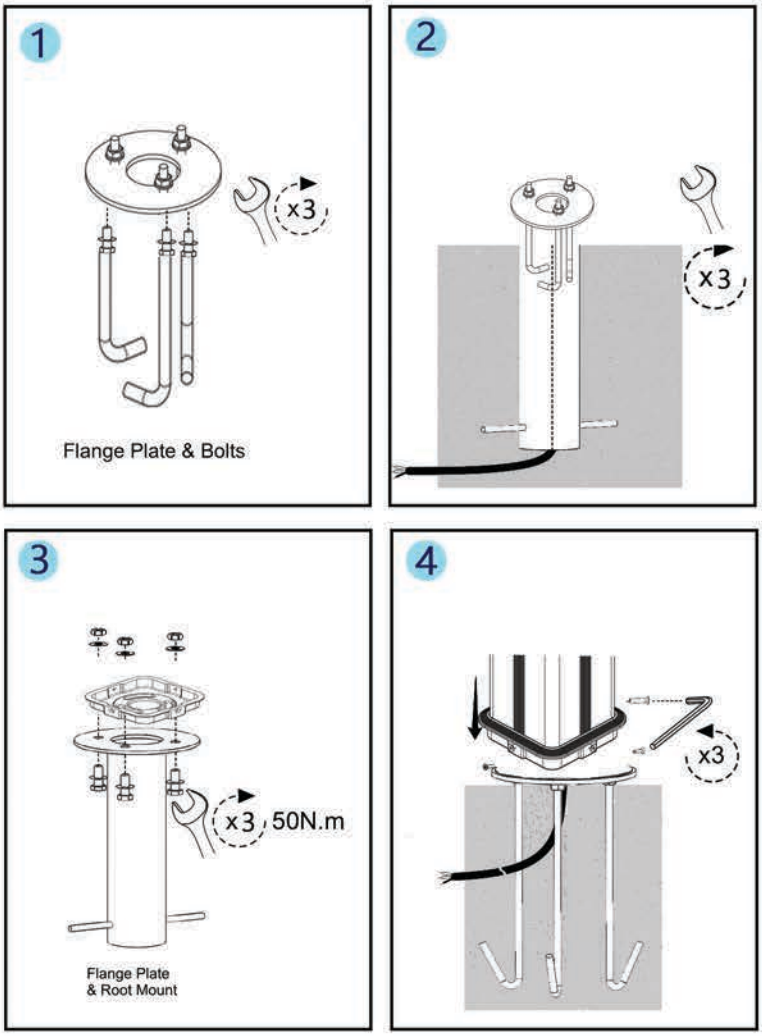
LEDs
Availability of different color temperatures, and different lengths.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (DxHxL)
IMROS SQ-SMD018260--	BOLLARD SQ SMD 18W-6000K L60 IP65	18	0.960	1180	70.23	266.8	88.4	6000	135*120*600
IMROS SQ-SMD018240--	BOLLARD SQ SMD 18W-4000K L60 IP65	18	0.960	1180	70.23	266.8	88.4	4000	135*120*600
IMROS SQ-SMD018230--	BOLLARD SQ SMD 18W-3000K L60 IP65	18	0.960	1180	70.23	266.8	88.4	3000	135*120*600
IMROM SQ-SMD018260--	BOLLARD SQ SMD 18W-6000K L75 IP65	18	0.960	1180	70.23	266.8	88.4	6000	135*120*750
IMROM SQ-SMD018240--	BOLLARD SQ SMD 18W-4000K L75 IP65	18	0.960	1180	70.23	266.8	88.4	4000	135*120*750
IMROM SQ-SMD018230--	BOLLARD SQ SMD 18W-3000K L75 IP65	18	0.960	1180	70.23	266.8	88.4	3000	135*120*750
IMROL SQ-SMD018260--	BOLLARD SQ SMD 18W-6000K L100 IP65	18	0.960	1180	70.23	266.8	88.4	6000	135*120*1000
IMROL SQ-SMD018240--	BOLLARD SQ SMD 18W-4000K L100 IP65	18	0.960	1180	70.23	266.8	88.4	4000	135*120*1000
IMROL SQ-SMD018230--	BOLLARD SQ SMD 18W-3000K L100 IP65	18	0.960	1180	70.23	266.8	88.4	3000	135*120*1000

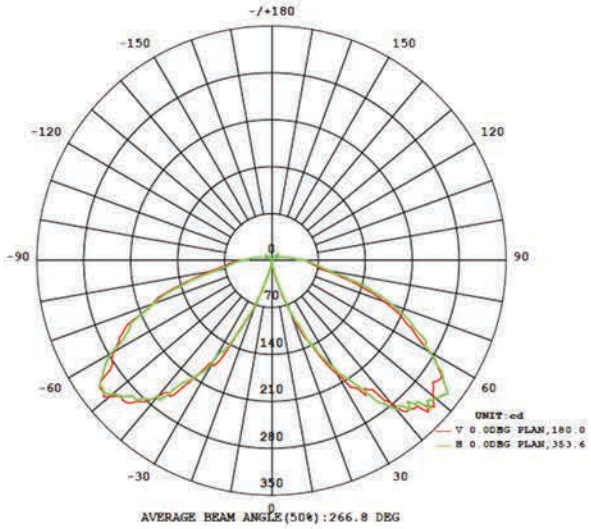
Dimensional Drawing



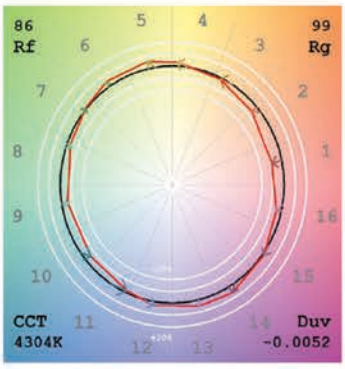
Install Guide

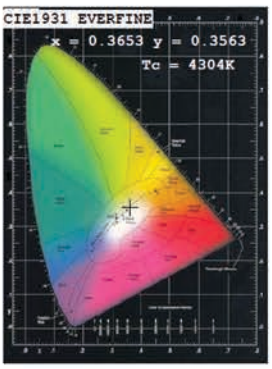


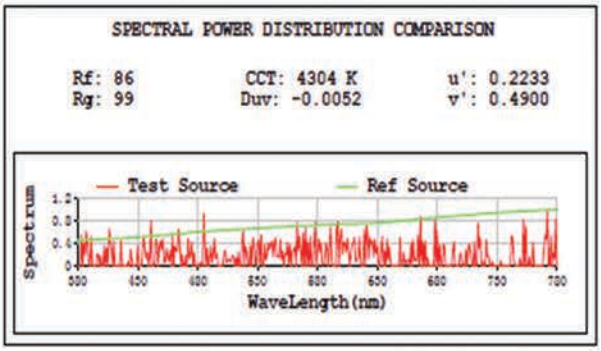
Photometric Data



Spectrometry











Bollard Imro
Ground mounted luminaire, Powered by SMD LEDs Light IP65, IK08.
Designed and created as Lighting solution for gardens and general landscape lighting.

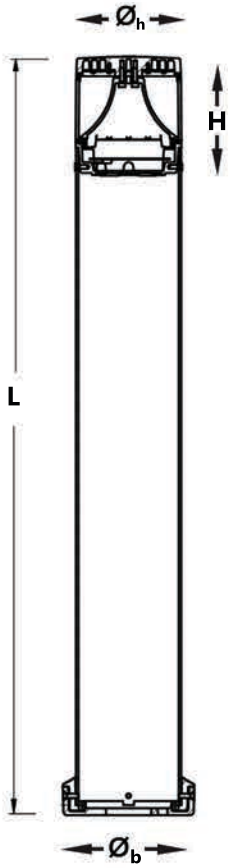


BODY
Made of Die-cast/Extruded aluminum electrostatic coated after Phospho-Chromatation.
Specular aluminum reflector, Clear poly carbonate diffuser.

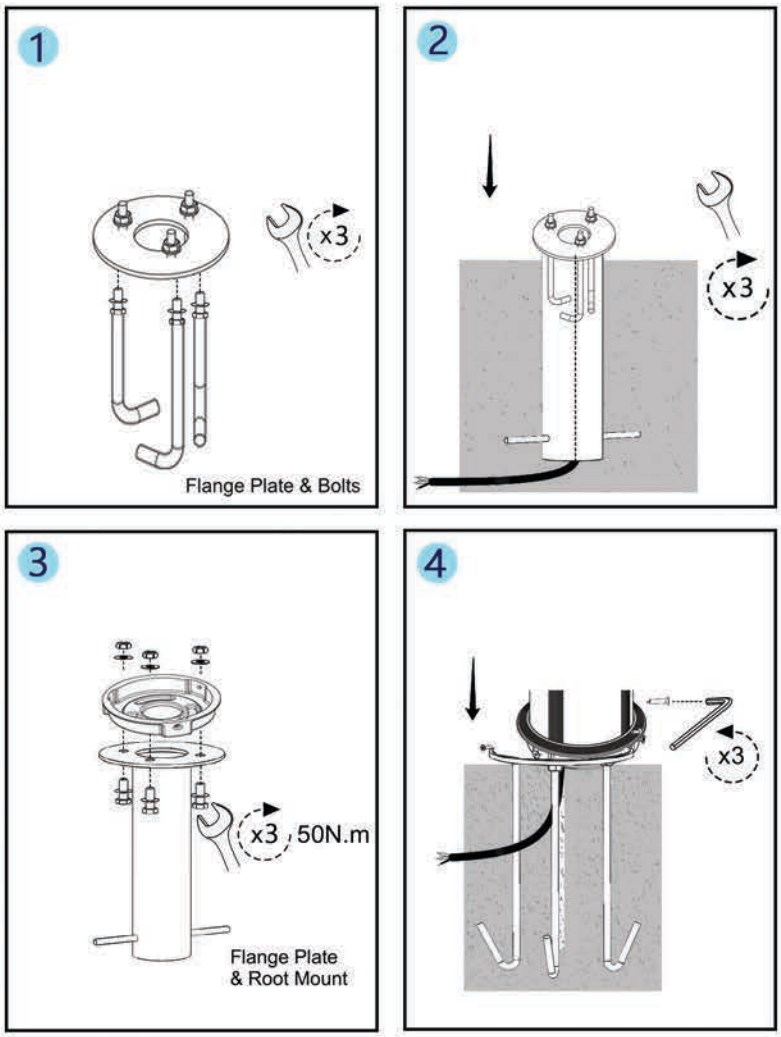
LEDs
Availability of different color temperatures and different lengths.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØbxØhxHxL)
IMROS-SMD018260--	BOLLARD SMD 18W-6000K L60 IP65	18	0.950	1170	67.5	270	90.6	6000	170*136*110*600
IMROS-SMD018240--	BOLLARD SMD 18W-4000K L60 IP65	18	0.950	1170	67.5	270	90.6	4000	170*136*110*600
IMROS-SMD018230--	BOLLARD SMD 18W-3000K L60 IP65	18	0.950	1170	67.5	270	90.6	3000	170*136*110*600
IMROM-SMD018260--	BOLLARD SMD 18W-6000K L75 IP65	18	0.950	1170	67.5	270	90.6	6000	170*136*110*750
IMROM-SMD018240--	BOLLARD SMD 18W-4000K L75 IP65	18	0.950	1170	67.5	270	90.6	4000	170*136*110*750
IMROM-SMD018230--	BOLLARD SMD 18W-3000K L75 IP65	18	0.950	1170	67.5	270	90.6	3000	170*136*110*750
IMROL-SMD018260--	BOLLARD SMD 18W-6000K L100 IP65	18	0.950	1170	67.5	270	90.6	6000	170*136*110*1000
IMROL-SMD018240--	BOLLARD SMD 18W-4000K L100 IP65	18	0.950	1170	67.5	270	90.6	4000	170*136*110*1000
IMROL-SMD018230--	BOLLARD SMD 18W-3000K L100 IP65	18	0.950	1170	67.5	270	90.6	3000	170*136*110*1000

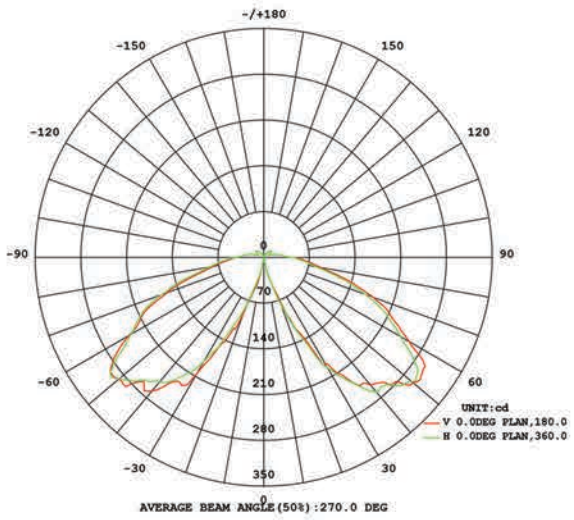
Dimensional Drawing



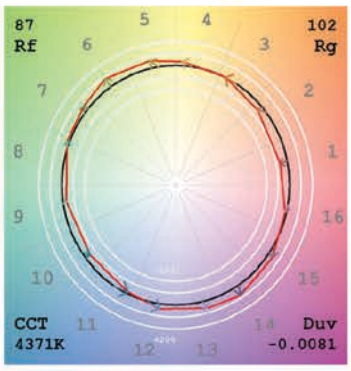
Install Guide

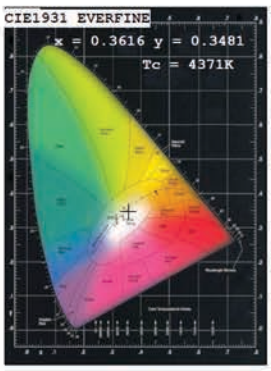


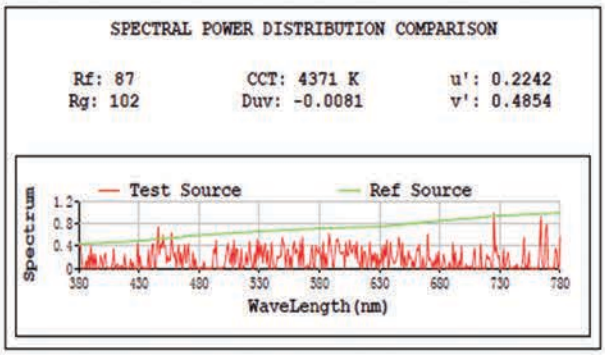
Photometric Data



Spectrometry











LED Bollard Moon

Ground mounted luminaire, Powered by COB LEDs light IP65.
Designed and created as landscape lighting solution for garden passageways.



BODY

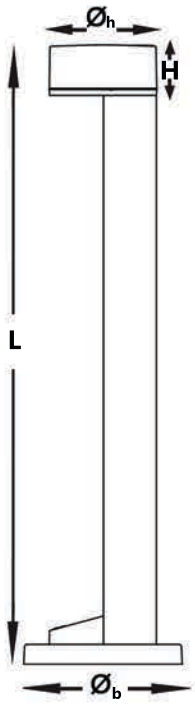
Made of Die-cast/Extruded aluminum sections electrostatic coated after phospho-chromatation.
Specular Aluminum reflector, Clear poly carbonate diffuser.

LEDs

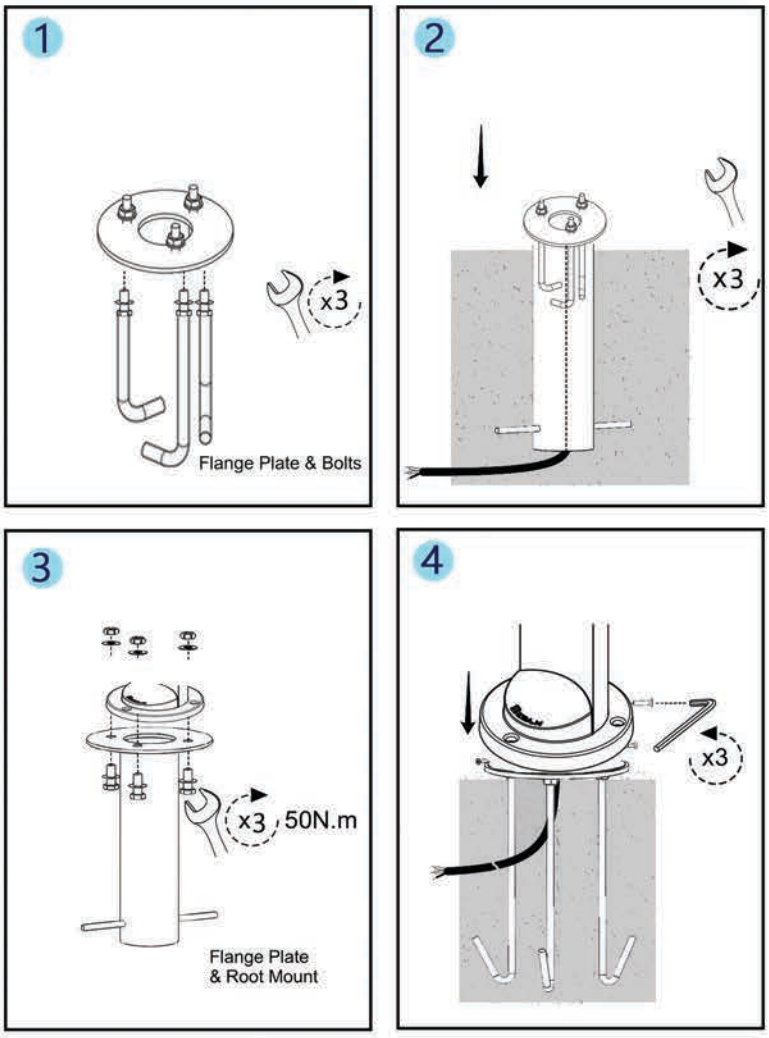
Availability of different color temperatures and different lengths.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØbxØhxHxL)
MOONS-COB013260--	BOLLARD COB 13W-6000K L60 IP65	13	0.967	1314	97.3	91.5	85.5	6000	195*130*67*600
MOONS-COB013240--	BOLLARD COB 13W-4000K L60 IP65	13	0.967	1314	97.3	91.5	85.5	4000	195*130*67*600
MOONS-COB013230--	BOLLARD COB 13W-3000K L60 IP65	13	0.967	1314	97.3	91.5	85.5	3000	195*130*67*600
MOONM-COB013260--	BOLLARD COB 13W-6000K L75 IP65	13	0.967	1314	97.3	91.5	85.5	6000	195*130*67*750
MOONM-COB013240--	BOLLARD COB 13W-4000K L75 IP65	13	0.967	1314	97.3	91.5	85.5	4000	195*130*67*750
MOONM-COB013230--	BOLLARD COB 13W-3000K L75 IP65	13	0.967	1314	97.3	91.5	85.5	3000	195*130*67*750
MOONL-COB013260--	BOLLARD COB 13W-6000K L100 IP65	13	0.967	1314	97.3	91.5	85.5	6000	195*130*67*1000
MOONL-COB013240--	BOLLARD COB 13W-4000K L100 IP65	13	0.967	1314	97.3	91.5	85.5	4000	195*130*67*1000
MOONL-COB013230--	BOLLARD COB 13W-3000K L100 IP65	13	0.967	1314	97.3	91.5	85.5	3000	195*130*67*1000

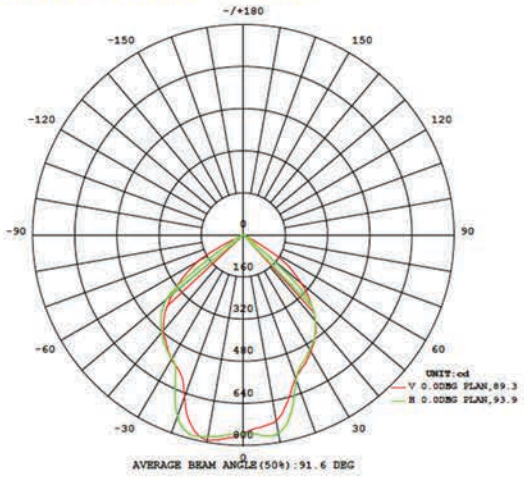
Dimensional Drawing



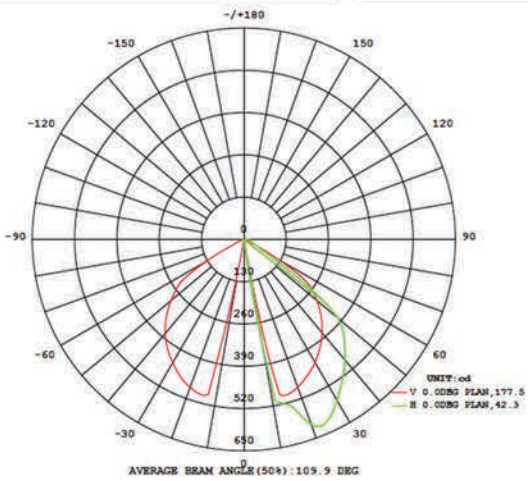
Install Guide



Photometric Data

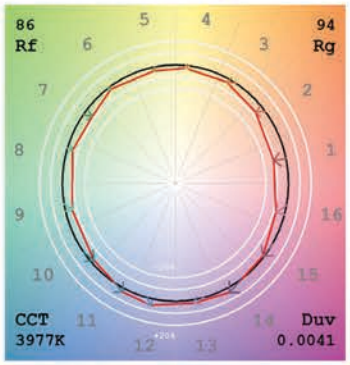


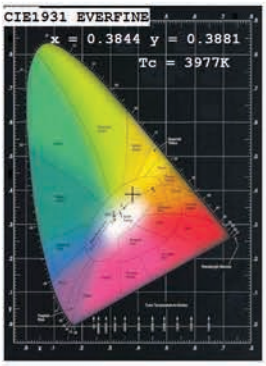
Head Only

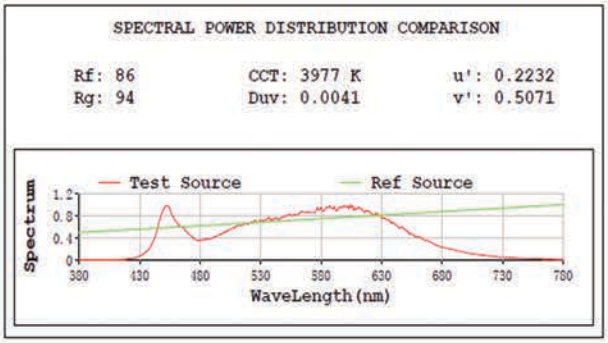


Head with Body

Spectrometry











Classic Base Lantern
Classic wall-top luminaire, For E27 Bulb, IP54.
Designed and created for wall and landscape Lighting.

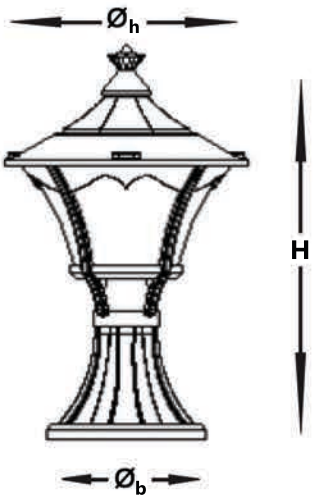
BODY
Made of ABS (UV resistant).
Prismatic Poly carbonate (UV resistant) diffuser.



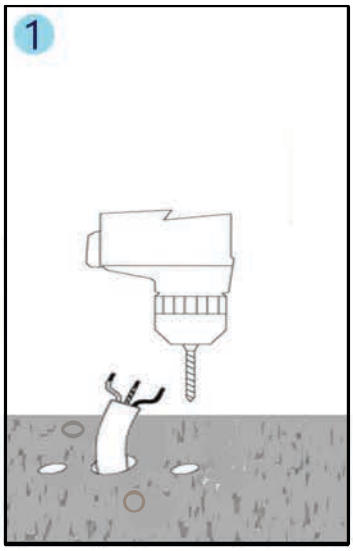
Item Code	Item Description	Power (w)	Power Supply (v)	LOR (%)	Diffuser	Spread Angle (o)	Dimensions (ØhxØbxH)
LOTUS-E27000000--	LANTERNS E27-IP54	UP TO 100	220	43	Milky Poly carbonate	173.5	295*190*525

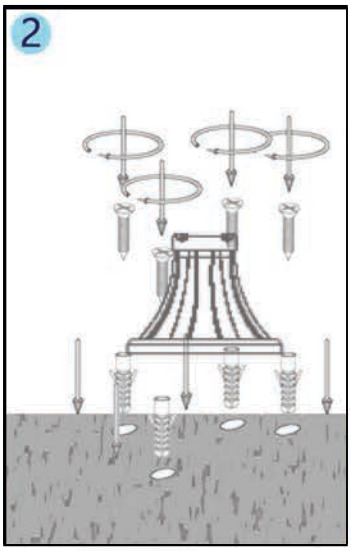
Note Measurements are based on 12W LED Bulb

Dimensional Drawing

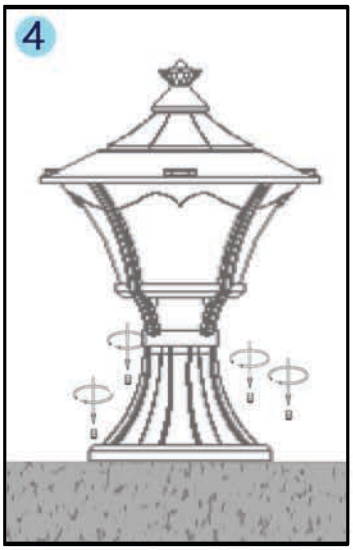


Install Guide

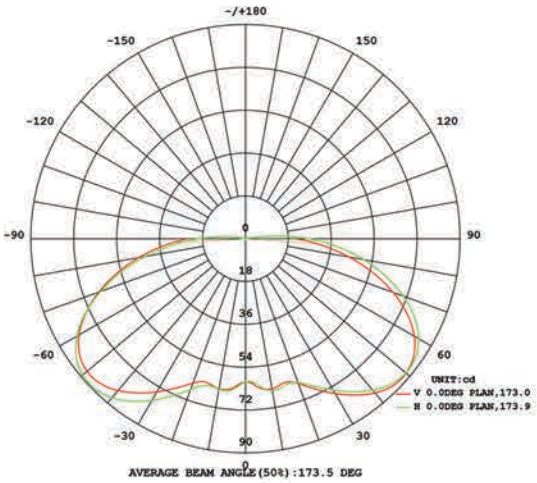








Photometric Data







Plastic Base GLOBE
Wall-top globe luminaire, For E27 BulB, IP54.
Designed and created for wall and landscape lighting.

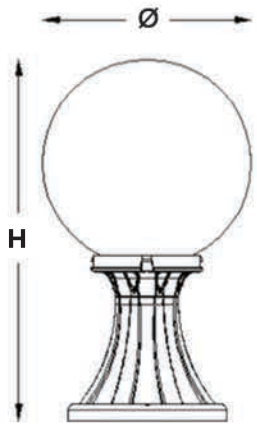
BODY
Made of ABS (UV resistant).
Poly carbonate - Milky (UV resistant) diffuser.



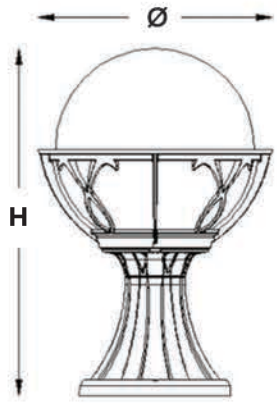
Item Code	Item Description	Power (w)	Power Supply (V)	LOR (%)	Diffuser	Spread angle (o)	Dimensions (ØxH)
GWB25-E27000000--	GLOB WITH BASE E27-D25 IP54	Up to 100	220	85	Milky Poly carbonate	230	250*435
GWBB25-E27000000--	GLOB WITH BASE AND BASKET E27-D25 IP54	Up to 100	220	67	Milky Poly carbonate	201	250X435

Note Measurements are based on 12W LED Bulb

Dimensional Drawing

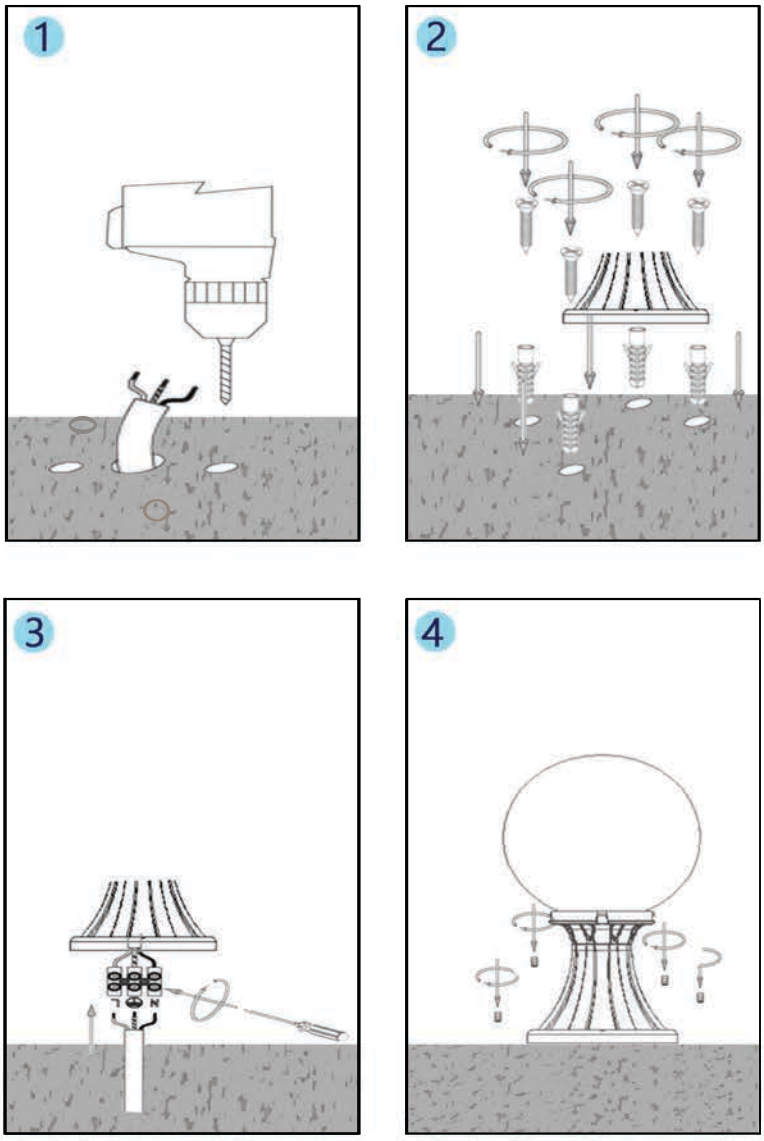


STANDARD MODEL

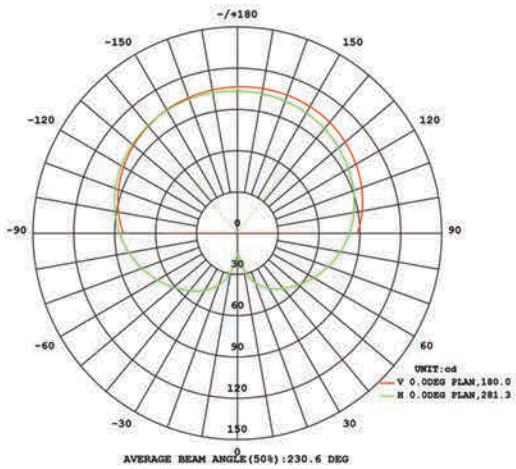


BASKET MODEL

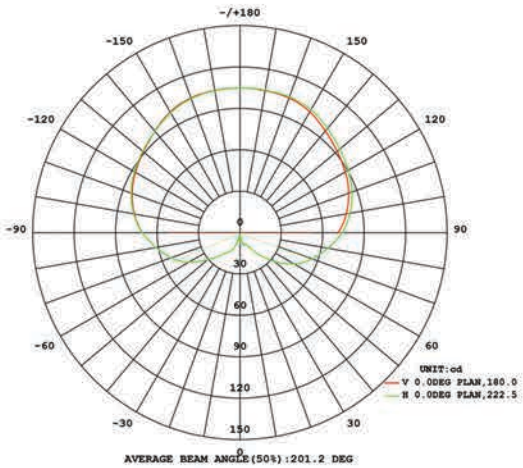
Install Guide



Photometric Data



STANDARD MODEL



BASKET MODEL





Classic Lantern Bollard
Classic lantern bollard, For E27 Bulb, IP54.
Designed and created for wall and landscape Lighting.

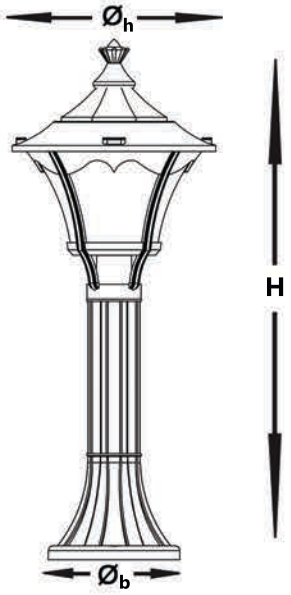
BODY
Made of ABS (UV resistant) and Aluminum Section tube Ø75mm.
Prismatic Poly carbonate (UV resistant) diffuser.



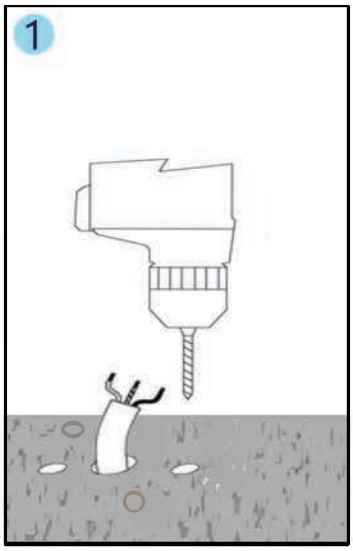
Item Code	Item Description	Power (w)	Power Supply (v)	LOR (%)	Diffuser	Spread Angle (o)	Dimensions (ØhxØbxH)
FEB75-E27000000--	LANTERN BOLLARD 75cm	UP TO 100	220	43	Milky Poly carbonate	173.5	295*190*750
FEB100-E27000000--	LANTERN BOLLARD 1m	UP TO 100	220	43	Milky Poly carbonate	173.5	295*190*1000

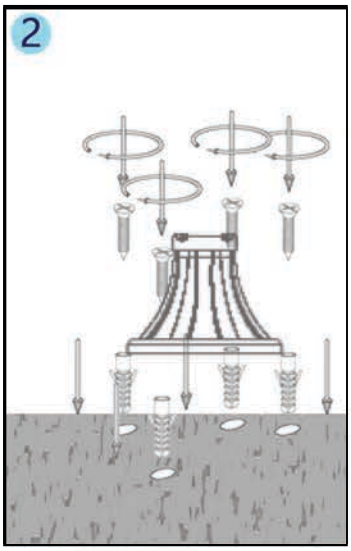
Note Measurements are based on 12W LED Bulb

Dimensional Drawing

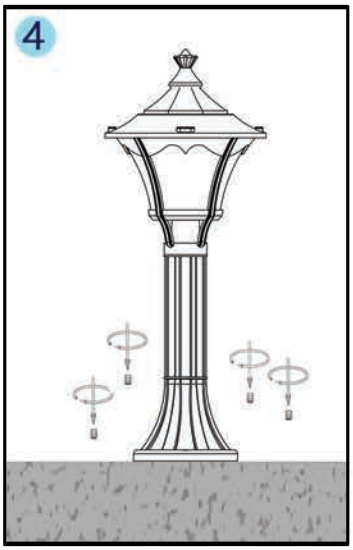


Install Guide

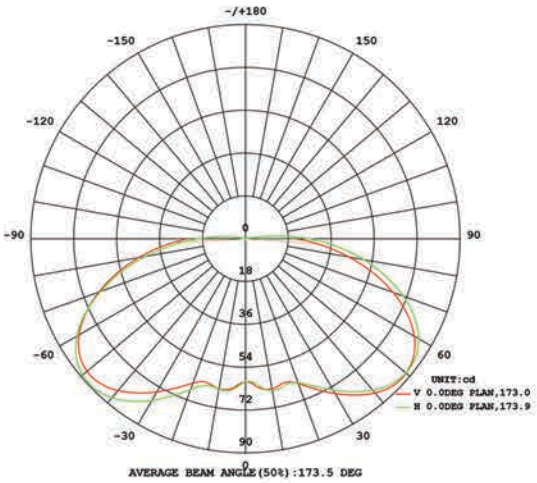








Photometric Data







Lantern Single/Double/Triple Pole

Classic ground Mounted lantern luminaire, For E27 Bulb, IP54.
Designed and created for wall and landscape lighting.



BODY

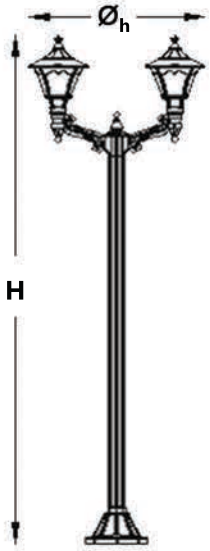
Made of ABS (UV resistant) and aluminum section tube Ø75mm,
and aluminum base (optional).
Prismatic poly carbonate (UV resistant) diffuser.

Item Code	Item Description	Power (w)	Power Supply (V)	LOR (%)	Diffuser	Spread angle (o)	Dimensions (ØhxDxH)
SFP250-E27000000--	LANTERN SINGLE POLE E27-IP54 L2.5m	UP TO 100	220	43	Milky Poly carbonate	173.5	295*375*2500
SFP300-E27000000--	LANTERN SINGLE POLE E27-IP54 L3m	UP TO 100	220	43	Milky Poly carbonate	173.5	295*375*3000
DIP250-E27000000--	LANTERN DOUBLE POLE STEEL TUBE PENDENT E27-IP54 L2.5m	UP TO 200	220	51.2	Milky Poly carbonate	194.9	885*408*2500
DIP300-E27000000--	LANTERN DOUBLE POLE STEEL TUBE PENDENT E27-IP54 L3m	UP TO 200	220	51.2	Milky Poly carbonate	194.9	885*408*3000
DCP250-E27000000--	LANTERN DOUBLE POLE ABS ARM BASED E27-IP54 L2.5m	UP TO 200	220	43	Milky Poly carbonate	173.5	870*375*2500
DCP300-E27000000--	LANTERN DOUBLE POLE ABS ARM BASED E27-IP54 L3m	UP TO 200	220	43	Milky Poly carbonate	173.5	870*375*3000
TIP250-E27000000--	LANTERN TRIPLE POLE STEEL TUBE PENDENT E27-IP54 L2.5m	UP TO 300	220	51.2	Milky Poly carbonate	194.9	805*408*2500
TIP300-E27000000--	LANTERN TRIPLE POLE STEEL TUBE PENDENT E27-IP54 L3m	UP TO 300	220	51.2	Milky Poly carbonate	194.9	805*408*3000
TCP250-E27000000--	LANTERN TRIPLE POLE ABS ARM BASED E27-IP54 L2.5m	UP TO 300	220	43	Milky Poly carbonate	173.5	792*375*2500
TCP300-E27000000--	LANTERN TRIPLE POLE ABS ARM BASED E27-IP54 L3m	UP TO 300	220	43	Milky Poly carbonate	173.5	792*375*3000

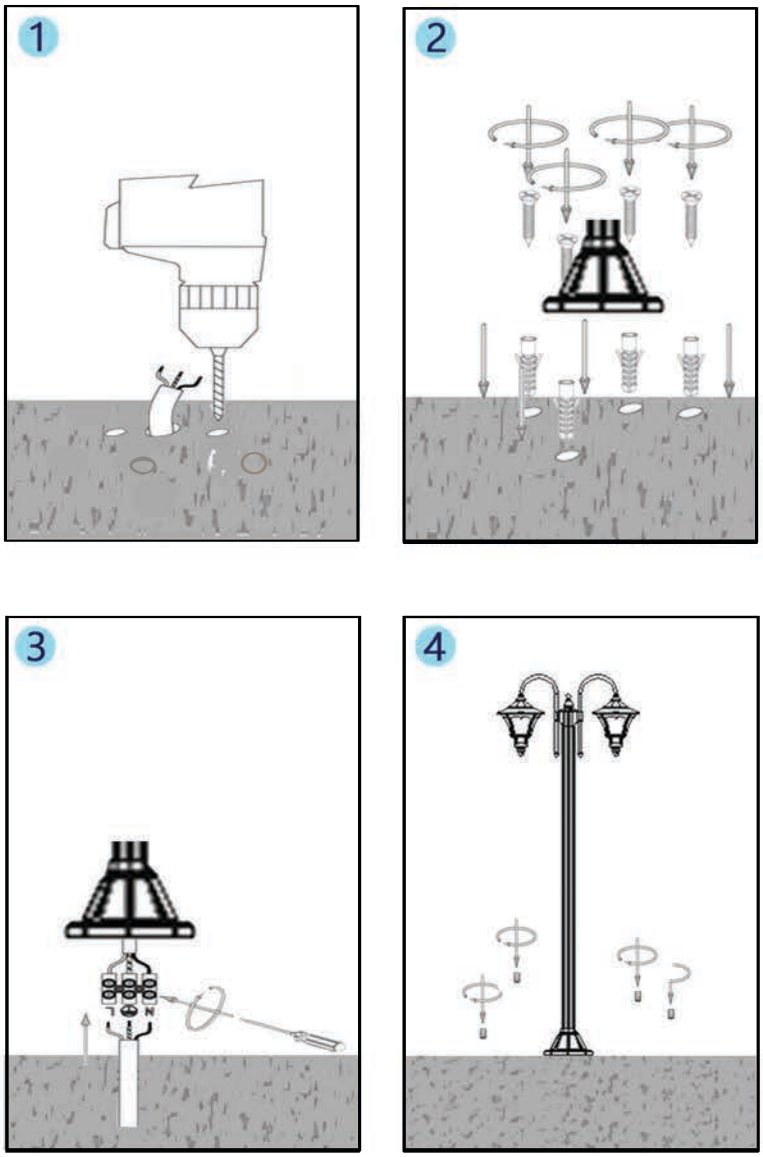
Note Measurements are based on 12W LED Bulb

Dimensional Drawing

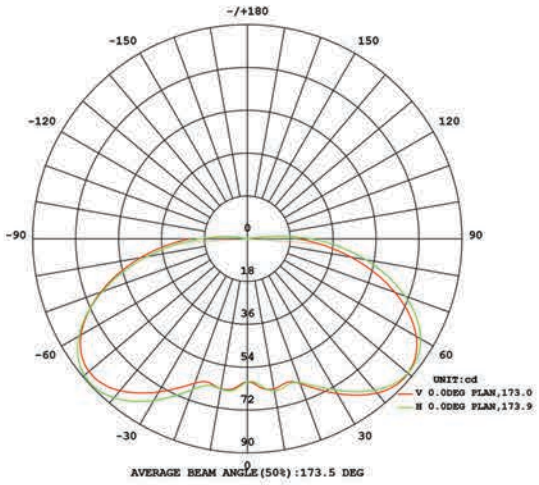




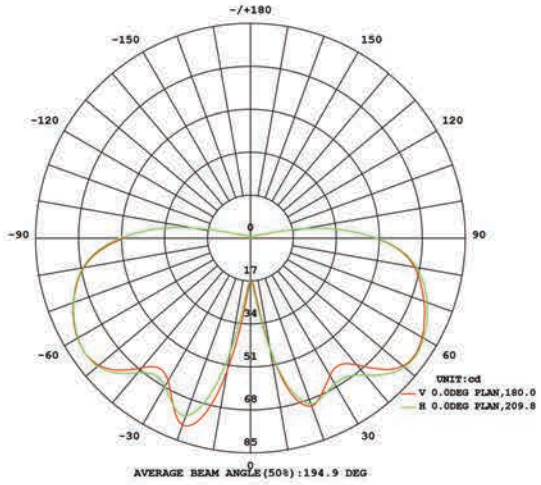
Install Guide



Photometric Data



ABS ARM BASED (CAPOULY)



STEEL TUBE PENDENT





Dual Globe Pole
Wall mounted Globe, For E27 Bulb, IP54.
Designed and created for wall and landscape lighting.

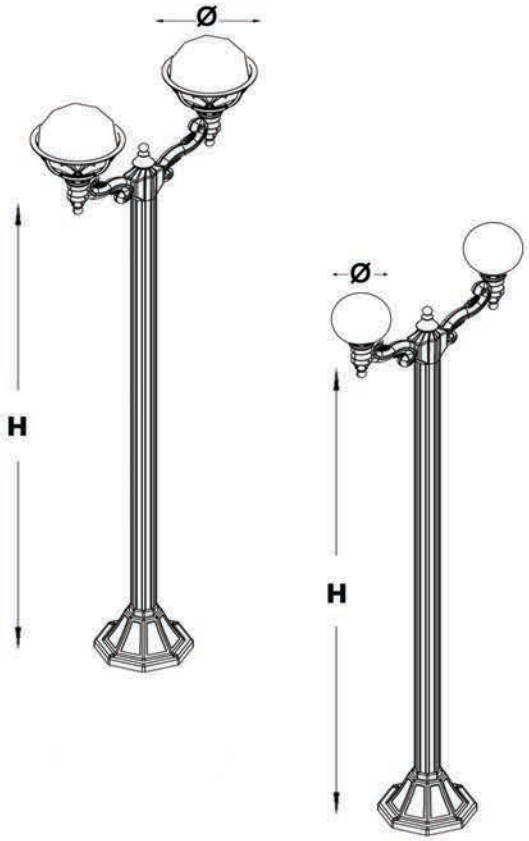


BODY
Made of ABS (UV resistant), aluminum decorative tube Ø75mm electrostatic coated after Phospho-Chromatation.
aluminum base (optional), Height 2.5m.
Poly carbonate-Milky (UV resistant) diffuser.

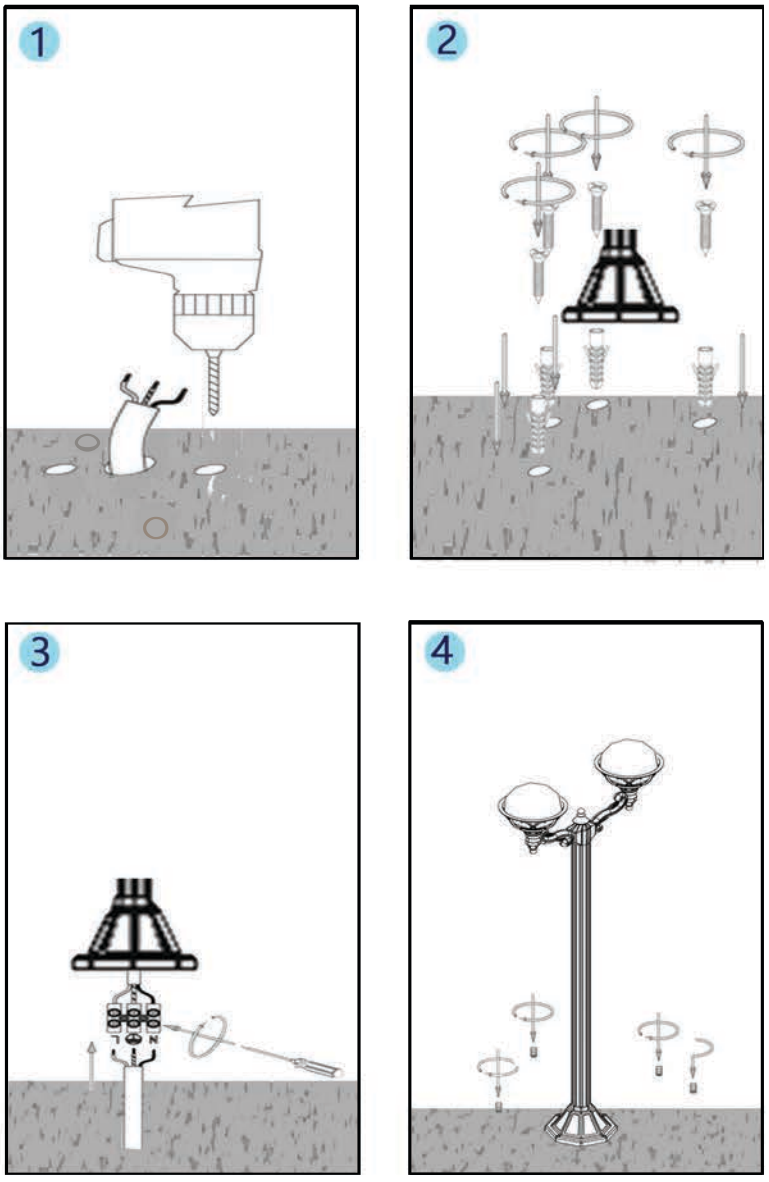
Item Code	Item Description	Power (w)	Power Supply (V)	LOR (%)	Diffuser	Spread angle (o)	Dimensions (ØxH)
DGWCB250-E27000000--	POLES DOUBLE GLOB WITH CABOULY AND BASKET E27-L250 IP54	Up to 200	220	67	Milky Poly carbonate	201	250*2500
DGWC250-E27000000--	POLES DOUBLE GLOB WITH CABOULY E27-L250 IP54	Up to 200	220	85	Milky Poly carbonate	230	250*2500

Note Measurements are based on 12W LED Bulb

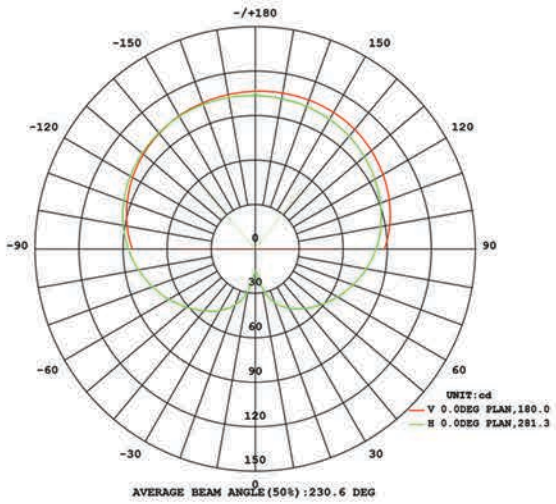
Dimensional Drawing



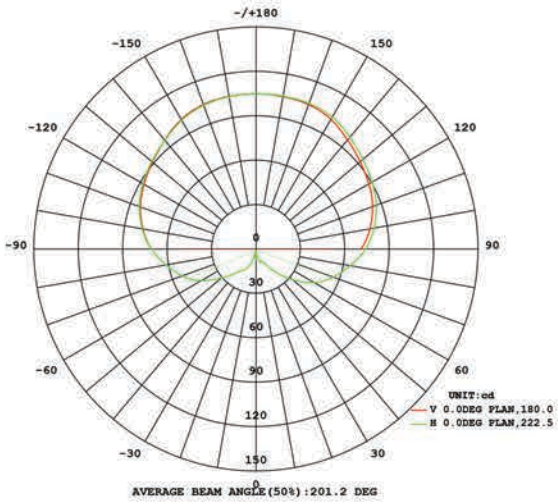
Install Guide



Photometric Data



STANDARD MODEL



BASKET MODEL





LED FLOOD LIGHT

Flood light
Floodlight Luminaire, Powered by SMD LED Light sources, IP65, IK08.
For industrial yards, bill boards, medium sport courts and general outdoors lighting

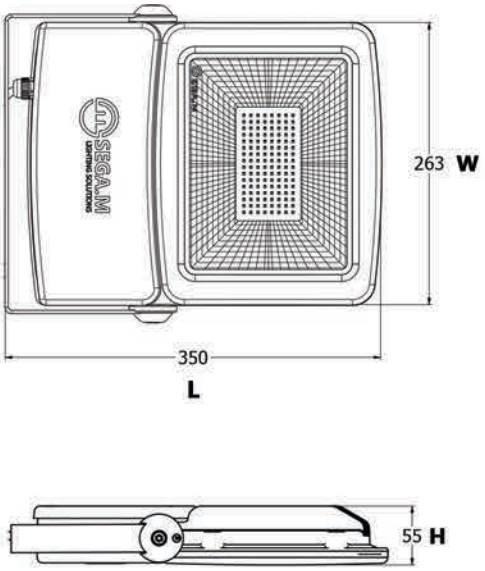
Body
Made of Die cast aluminum electrostatic coated after Phospho-Chromatation.
Clear Glass with Poly Carbonate reflector.
High photometric performance.

LEDs
Availability of color temperatures.

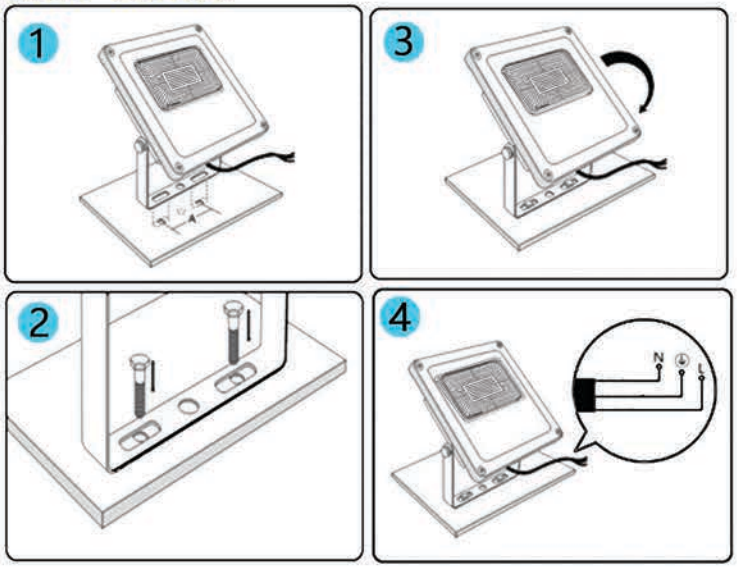
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (LxWxH)
VIA128-SMD050260--	LED FLOOD LIGHT SMD SLIM 50W 6000K IP65	50	0.994	5035	100.5	115.6	73.9	6565	240*300*80
VIA128-SMD105260--	LED FLOOD LIGHT SMD SLIM 100W 6000K IP65	105	0.994	10603	100.5	102.8	73.9	6565	240*300*80

Zhaga IP 65

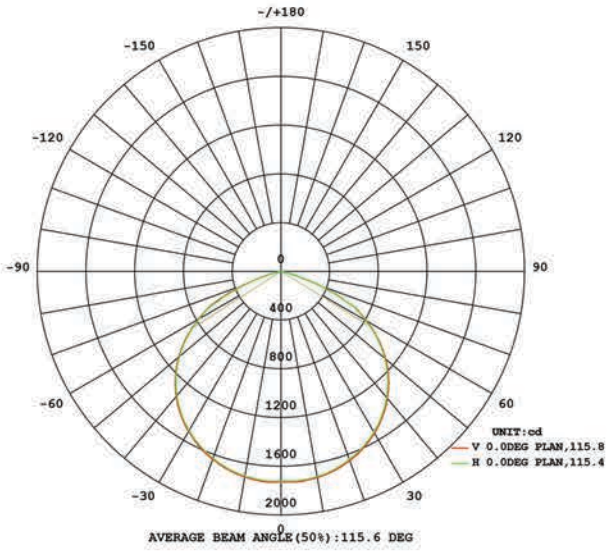
Dimensional Drawing

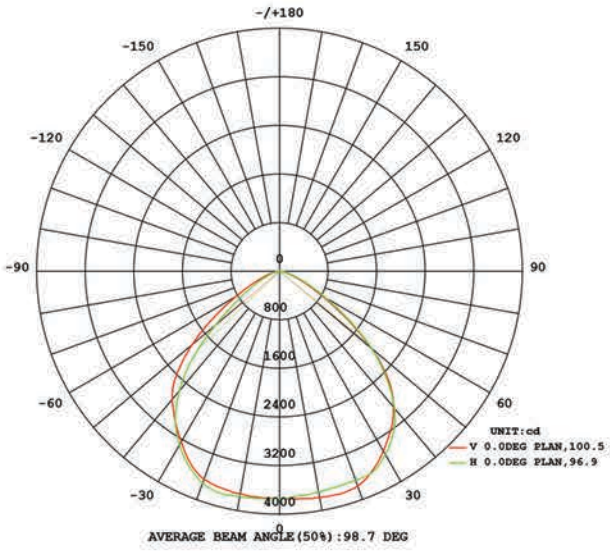


Install Guide

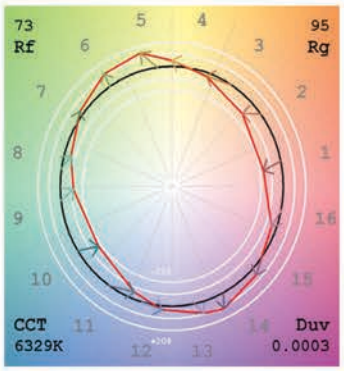


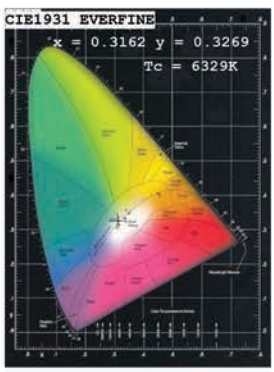
Photometric Data

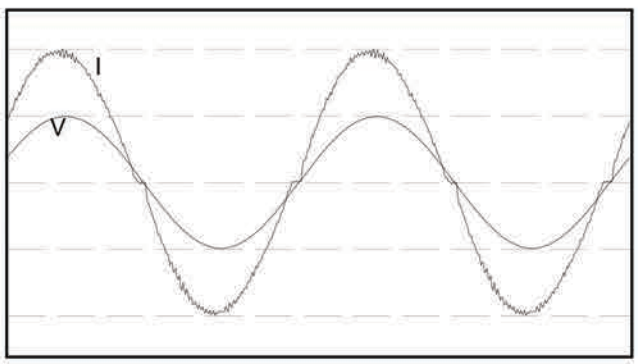




Spectrometry











LED FLOOD LIGHT

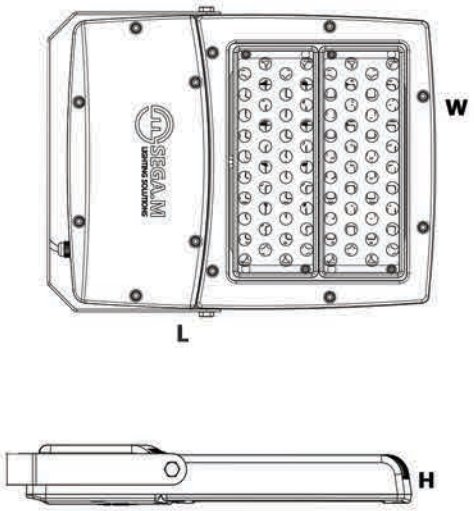
Flood light
Floodlight Luminaire, Powered by SMD LED Light sources, IP65, IK08.
For industrial yards, bill boards, medium sport courts and general outdoors lighting

Body
Made of Die cast aluminum electrostatic coated after Phospho-Chromatation.
Clear Glass with Poly Carbonate reflector.
High photometric performance.

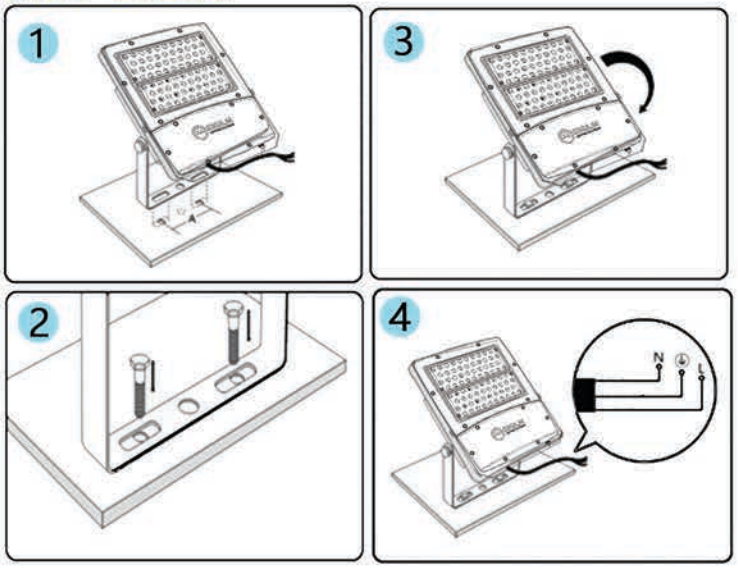
LEDs
Availability of color temperatures.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (ØxH)
VIA2R-SMD200240--	LED FLOOD LIGHT SMD 200W 4000K IP65	200	0.987	21278	105	93.7	83.7	4000	390*100
VIA2R-SMD200260--	LED FLOOD LIGHT SMD 200W 6000K IP65	200	0.987	21278	105	93.7	83.7	6000	390*100

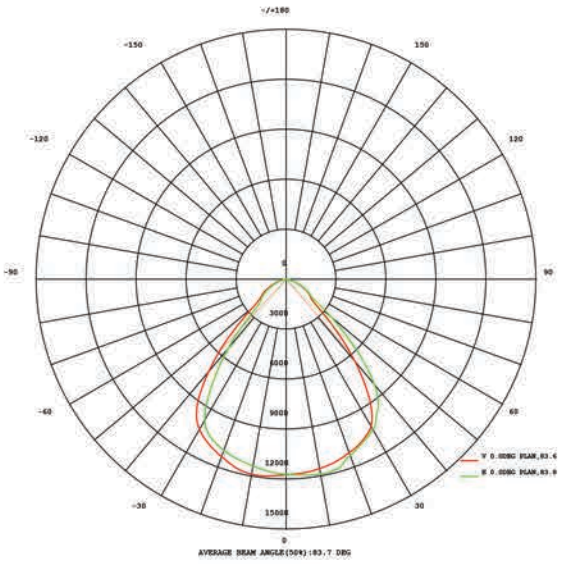
Dimensional Drawing



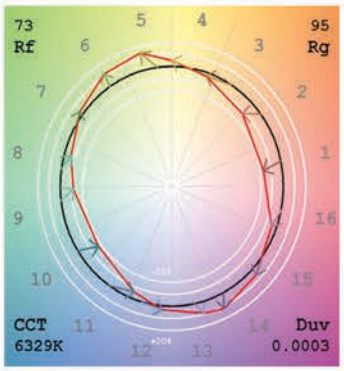
Install Guide

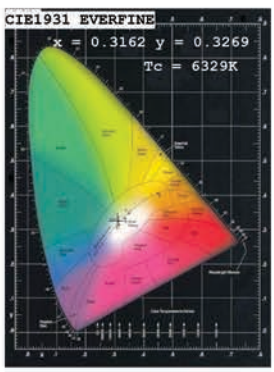


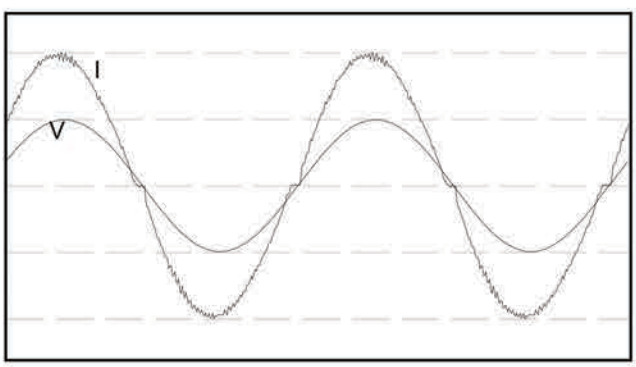
Photometric Data



Spectrometry











LED Modular Floodlight

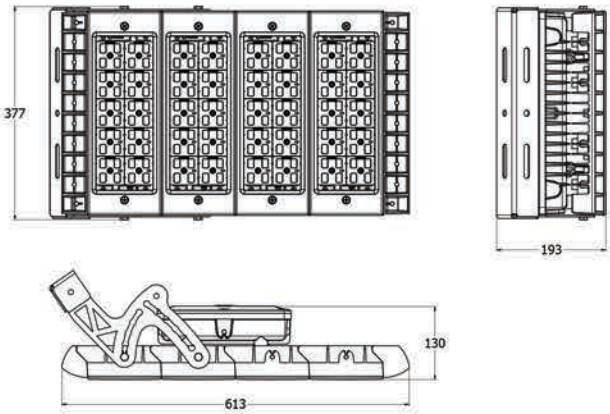
flood light
Floodlight Luminaire, Powered by SMD LED Light sources, IP65, IK08.
For industrial yards, bill boards, medium sport courts and general outdoors lighting

Body
Made of Die cast aluminum electrostatic coated after Phospho-Chromatation.
Clear Glass with Poly Carbonate reflector.
High photometric performance.

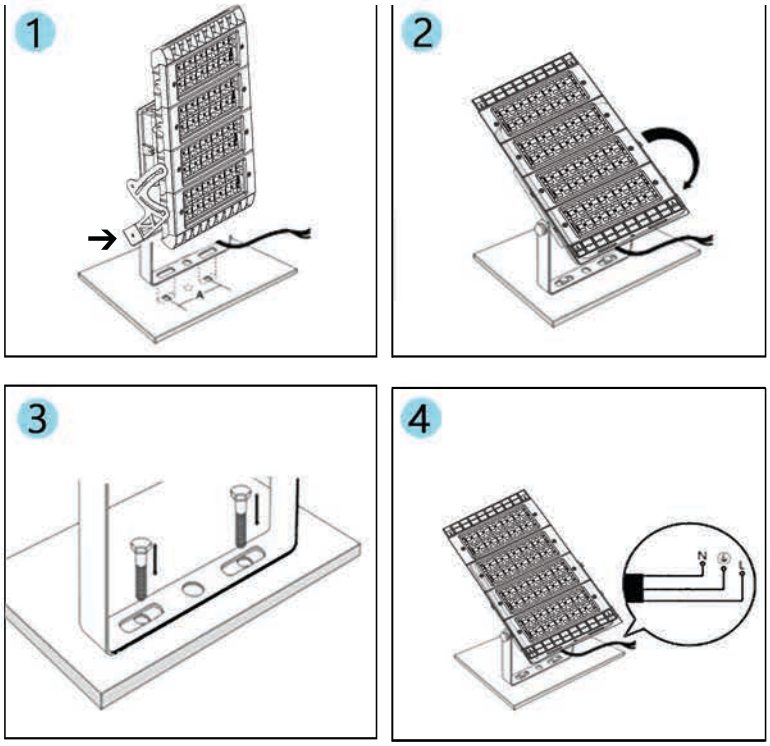
LEDs
Availability of color temperatures.

Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (HxW*T)
TALENT4HR-SMD400260--	LED MODULAR FLOOD LIGHT SMD 400W 6000K IP65	400	0.985	36343	91.36	76	83.5	6000	630*360*160

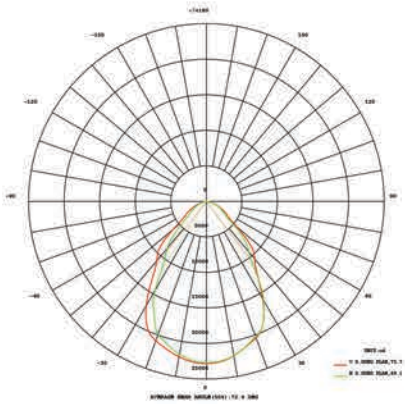
Dimensional Drawing



Install Guide

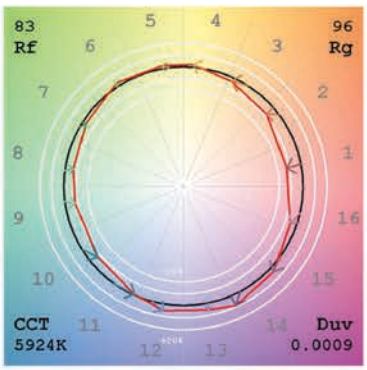


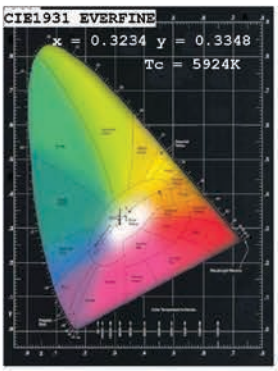
Photometric Data

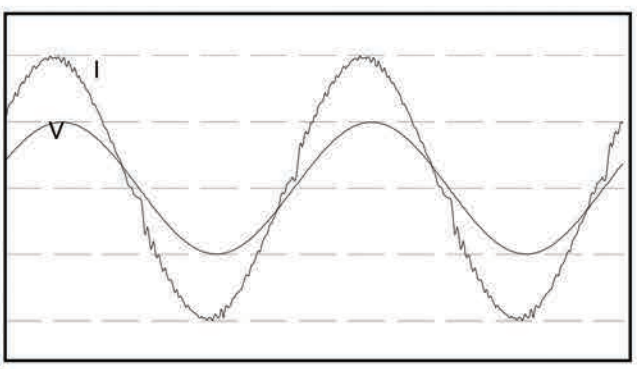


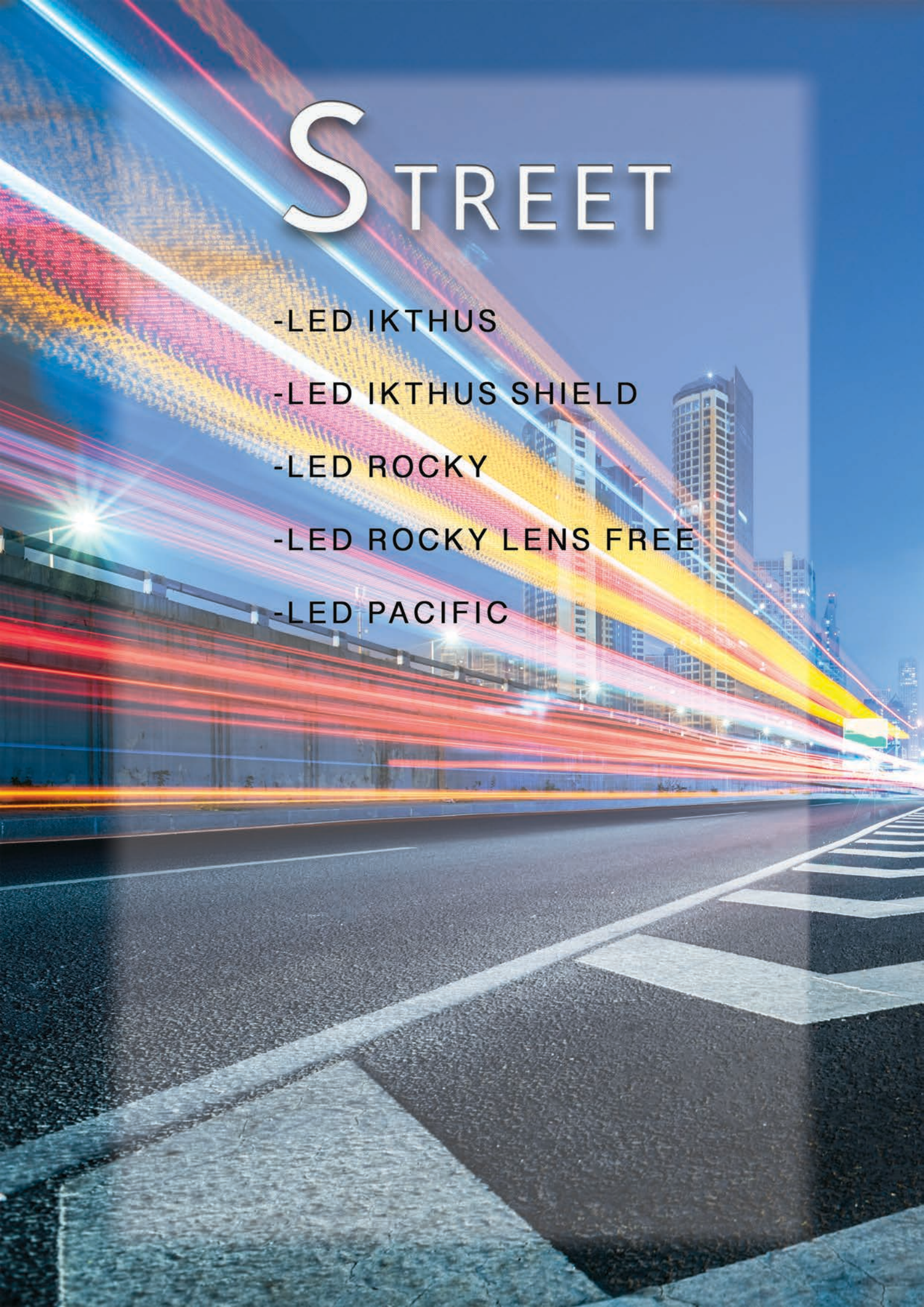
With Reflector

Spectrometry

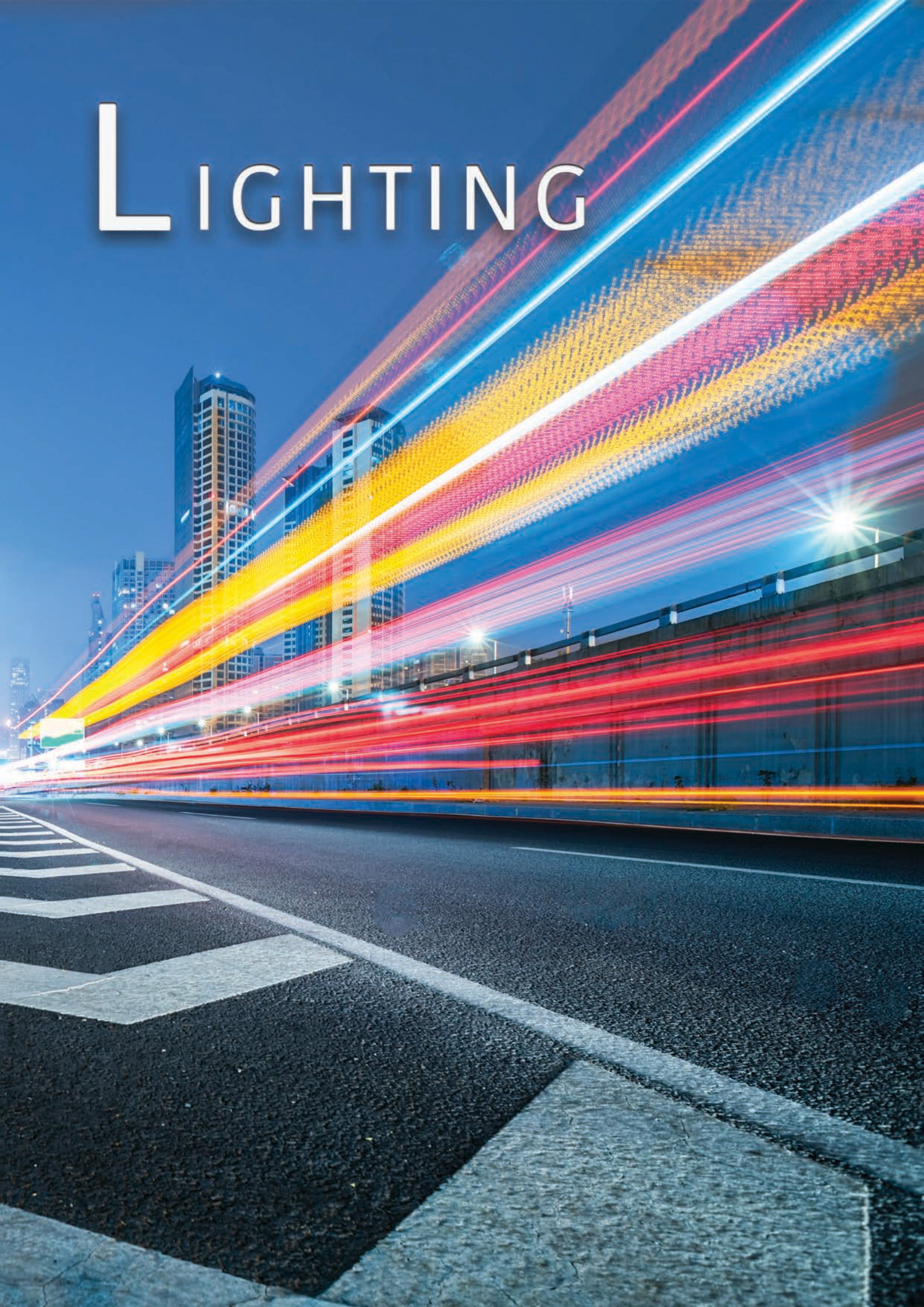







STREET
-LED IKTHUS
-LED IKTHUS SHIELD
-LED ROCKY
-LED ROCKY LENS FREE
-LED PACIFIC

Lighting





IKTHUS SHIELD



LED STREET LIGHT IKTHUS

IKTHUS Street Light
High-performance public lighting Luminaries use with SMD LED Light sources,IP65, IK08. Designed and created for main roads and urban communities.



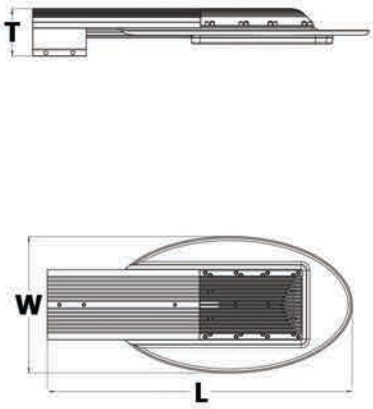
Body
Made of Die-cast/Sections/Press formed aluminum electrostatic coated after Phospho-Chromatation with PMMA Lenses, and Clear glass (for IKTHUS SHIELD only). High photometric performance.

LEDs
Availability of different power ratings and color temperatures.

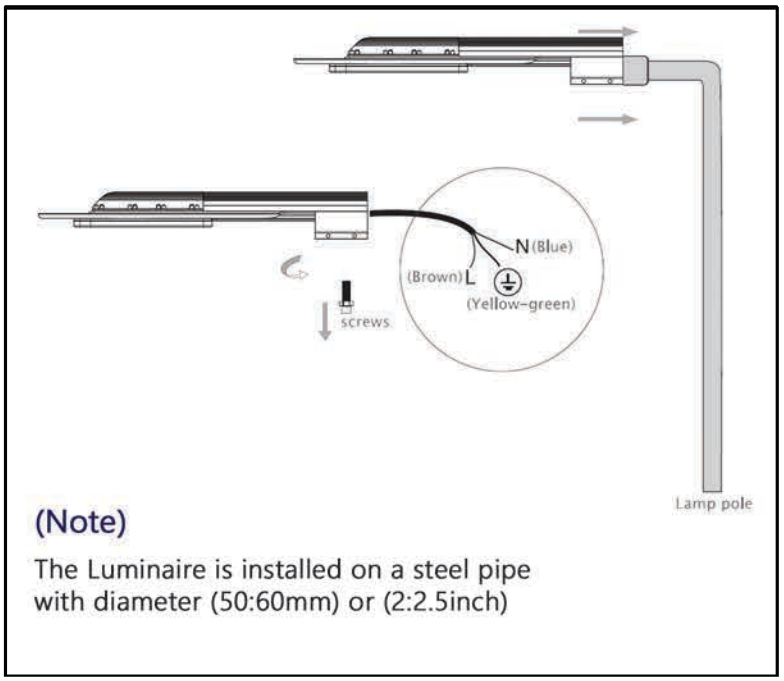
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (LxWxT)
IKTHUSG-SMD105260--	IKTHUS SHIELD LED STREET LUMINAIRE 105W-6000K IP65	105	0.983	12427	114	104	80	6000	625*280*88
IKTHUSG-SMD105240--	IKTHUS SHIELD LED STREET LUMINAIRE 105W-4000K IP65	105	0.983	12427	114	104	80	4000	625*280*88
IKTHUSG-SMD105230--	IKTHUS SHIELD LED STREET LUMINAIRE 105W-3000K IP65	105	0.983	12427	114	104	80	3000	625*280*88
IKTHUS-SMD105260--	IKTHUS LED STREET LUMINAIRE 105W-6000K IP65	105	0.985	13490	128	100.5	80	6000	625*280*88
IKTHUS-SMD105240--	IKTHUS LED STREET LUMINAIRE 105W-4000K IP65	105	0.985	13490	128	100.5	80	4000	625*280*88
IKTHUS-SMD105230--	IKTHUS LED STREET LUMINAIRE 105W-3000K IP65	105	0.985	13490	128	100.5	80	3000	625*280*88

Zhaga IP 65

Dimensional Drawing



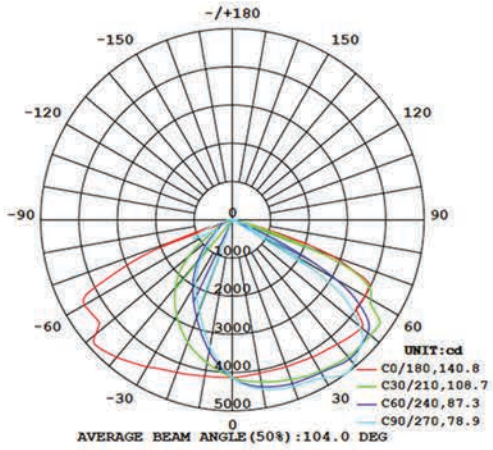
Install Guide



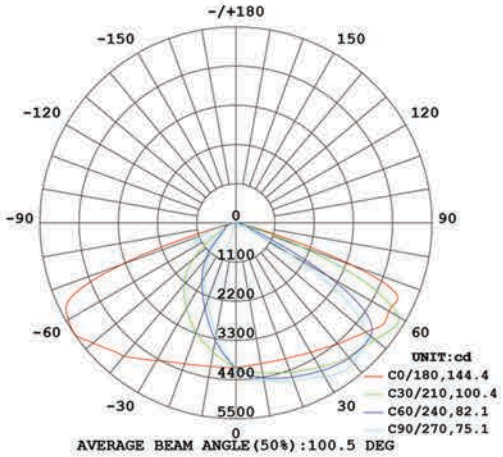
(Note)

The Luminaire is installed on a steel pipe with diameter (50:60mm) or (2:2.5inch)

Photometric Data

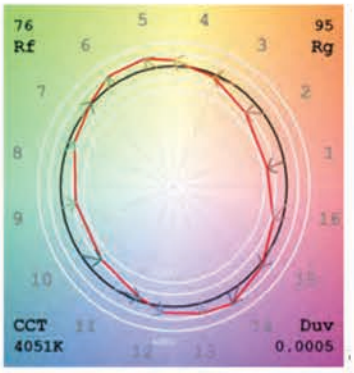


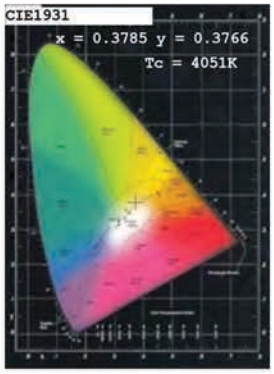
SHIELD

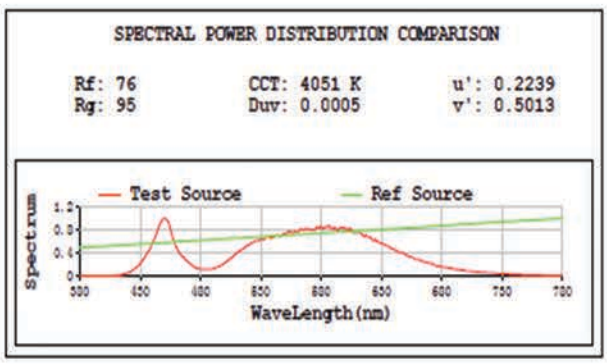


NON-SHIELD

Spectrometry





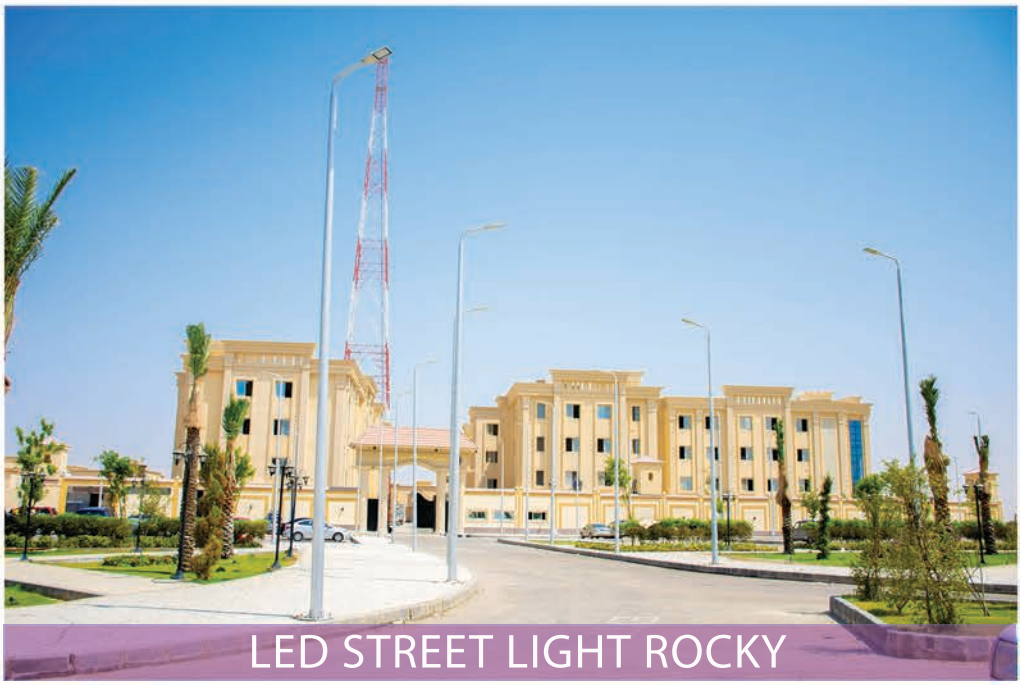




With Lens



Lens Free



LED STREET LIGHT ROCKY

Rocky Street Light

High-performance public Lighting Luminaries use with LED Light sources IP65, IK08.
Designed and created for main roads and urban communities.



Body

Made of Die-cast aluminum electrostatic coated after phospho-chromatation.
Tempered clear glass diffuser, and PMMA Lenses.
High photometric performance.

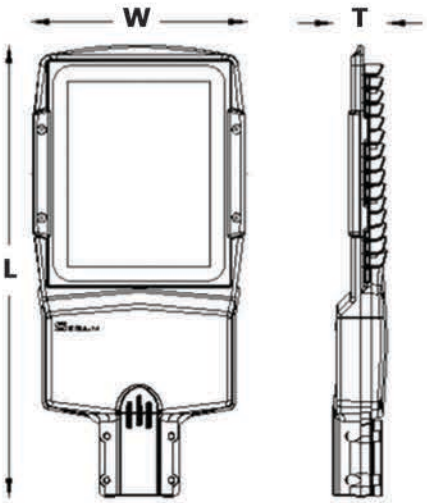
LEDs

Availability of different power ratings and color temperatures.

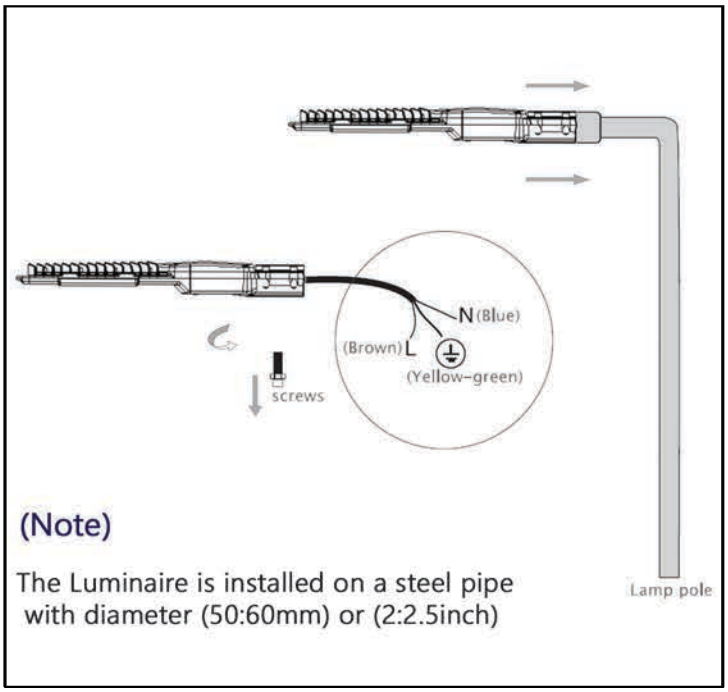
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (LxWxT)
ROCKYN-SMD105260--	ROCKY LED STREET LUMINAIRE SMD 105W-6000K IP65	105	0.986	11853	114.52	100.9	80	6000	513*244*61
ROCKYN-SMD105240--	ROCKY LED STREET LUMINAIRE SMD 105W-4000K IP65	105	0.986	11853	114.52	100.9	80	4000	513*244*61
ROCKYN-SMD105230--	ROCKY LED STREET LUMINAIRE SMD 105W-3000K IP65	105	0.986	11853	114.52	100.9	80	3000	513*244*61
ROCKYN-SMD150260--	ROCKY LED STREET LUMINAIRE SMD 150W-6000K IP65	150	0.982	15326	101.50	77.3	83.2	6000	513*244*61
ROCKYN-SMD150240--	ROCKY LED STREET LUMINAIRE SMD 150W-4000K IP65	150	0.982	15326	101.50	77.3	83.2	4000	513*244*61
ROCKYN-SMD150230--	ROCKY LED STREET LUMINAIRE SMD 150W-3000K IP65	150	0.982	15326	101.50	77.3	83.2	3000	513*244*61
ROCKYR-SMD105260--	ROCKY LED STREET LUMINAIRE LENS FREE SMD 105W-6000K IP65	105	0.984	12382	117.35	114.8	83.2	6000	513*244*61
ROCKYR-SMD105240--	ROCKY LED STREET LUMINAIRE LENS FREE SMD 105W-4000K IP65	105	0.984	12382	117.35	114.8	83.2	4000	513*244*61
ROCKYR-SMD105230--	ROCKY LED STREET LUMINAIRE LENS FREE SMD 105W-3000K IP65	105	0.984	12382	117.35	114.8	83.2	3000	513*244*61
ROCKYR-SMD150260--	ROCKY LED STREET LUMINAIRE LENS FREE SMD 150W-6000K IP65	150	0.989	16202	107.30	116.5	83.8	6000	513*244*61
ROCKYR-SMD150240--	ROCKY LED STREET LUMINAIRE LENS FREE SMD 150W-4000K IP65	150	0.989	16202	107.30	116.5	83.8	4000	513*244*61
ROCKYR-SMD150230--	ROCKY LED STREET LUMINAIRE LENS FREE SMD 150W-3000K IP65	150	0.989	16202	107.30	116.5	83.8	3000	513*244*61

Zhaga IP 65

Dimensional Drawing



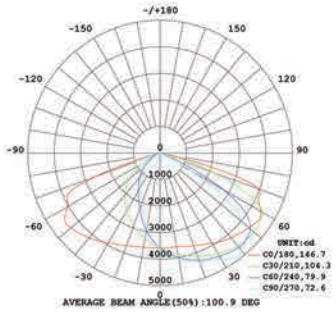
Install Guide



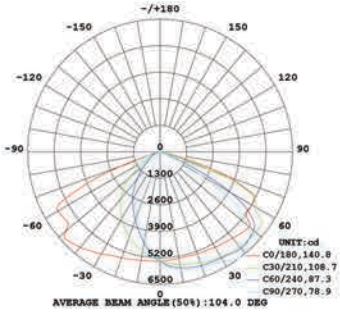
(Note)

The Luminaire is installed on a steel pipe with diameter (50:60mm) or (2:2.5inch)

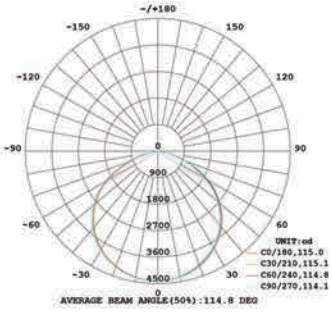
Photometric Data



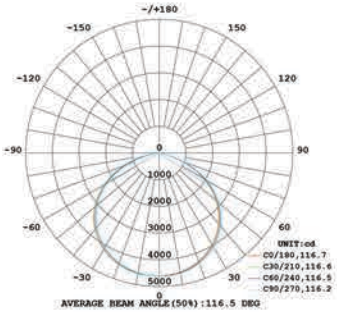
105 W



150 W

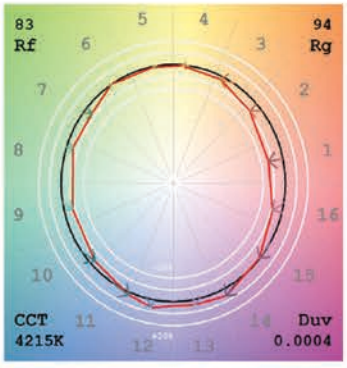


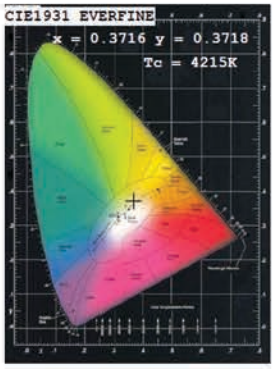
105 W Lens-free

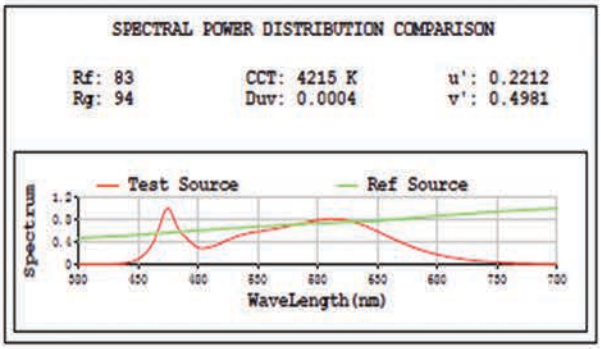


150 W Lens-free

Spectrometry











LED STREET LIGHT PACIFIC

Pacific Street Light

High-performance public Lighting Luminaries use with LED Light sources, IP65, IK08. Designed and created for Super heavy-duty street lighting luminaire for highways, main roads and streets and harsh areas.



Body

Made of Die-cast aluminum electrostatic coated after phospho-chromatation.
PMMA Lenses and tempered glass shield.
High photometric performance.

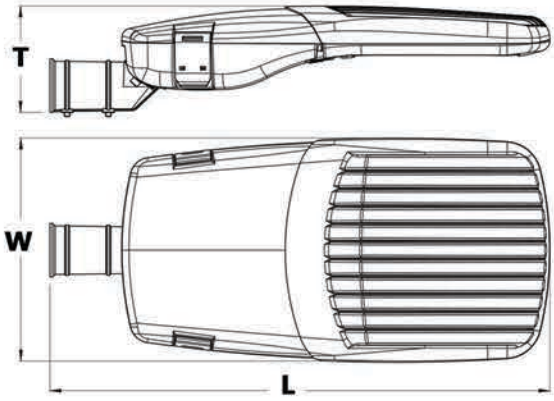
LEDs

Availability of different power ratings and color temperatures.

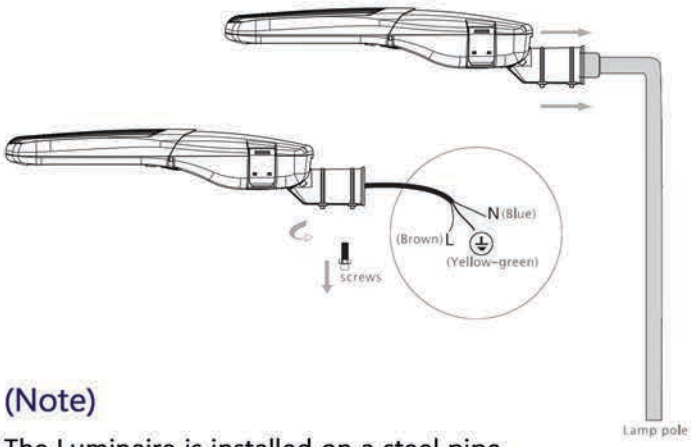
Item Code	Item Description	Power (w)	Power Factor	Lumen (lm)	Efficacy (lm/w)	Beam Angle (o)	CRI	CCT (K)	Dimensions (LxWxT)
PACIFIC-SMD105260--	PACIFIC LED STREET LUMINAIRE SMD 105W-6000K IP65	105	0.986	13260	125	97	80	6000	728*327*155
PACIFIC-SMD105240--	PACIFIC LED STREET LUMINAIRE SMD 105W-4000K IP65	105	0.986	13260	125	97	80	4000	728*327*155
PACIFIC-SMD105230--	PACIFIC LED STREET LUMINAIRE SMD 105W-3000K IP65	105	0.986	13260	125	97	80	3000	728*327*155
PACIFIC-SMD150260--	PACIFIC LED STREET LUMINAIRE SMD 150W-6000K IP65	150	0.991	17255	113.58	93.2	80	6000	728*327*155
PACIFIC-SMD150240--	PACIFIC LED STREET LUMINAIRE SMD 150W-4000K IP65	150	0.991	17255	113.58	93.2	80	4000	728*327*155
PACIFIC-SMD150230--	PACIFIC LED STREET LUMINAIRE SMD 150W-3000K IP65	150	0.991	17255	113.58	93.2	80	3000	728*327*155

Zhaga IP 65

Dimensional Drawing



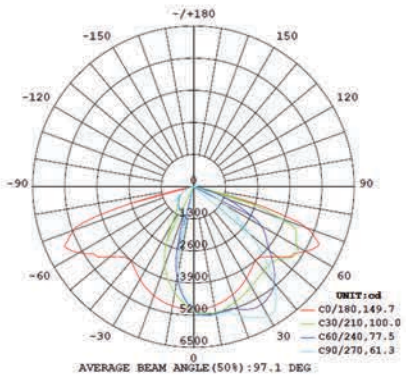
Install Guide



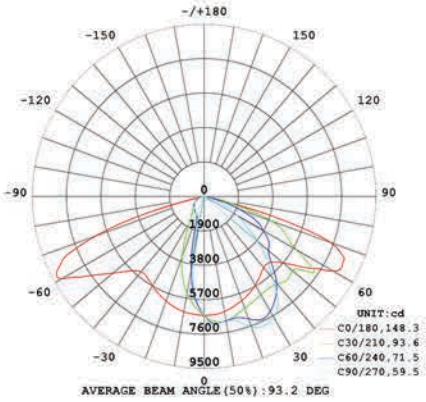
(Note)

The Luminaire is installed on a steel pipe with diameter (50:60mm) or (2:2.5inch)

Photometric Data

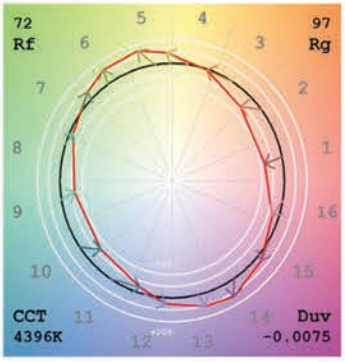


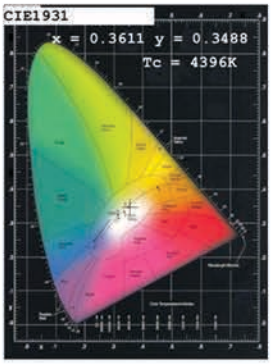
105W

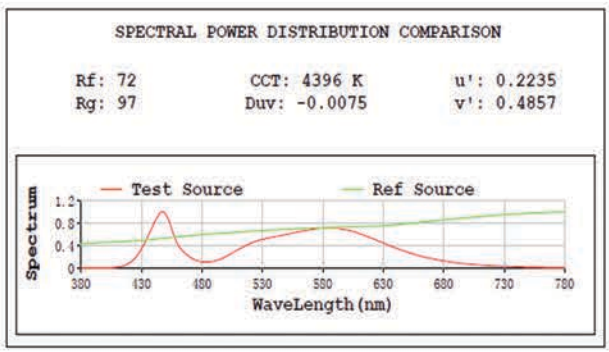


150W

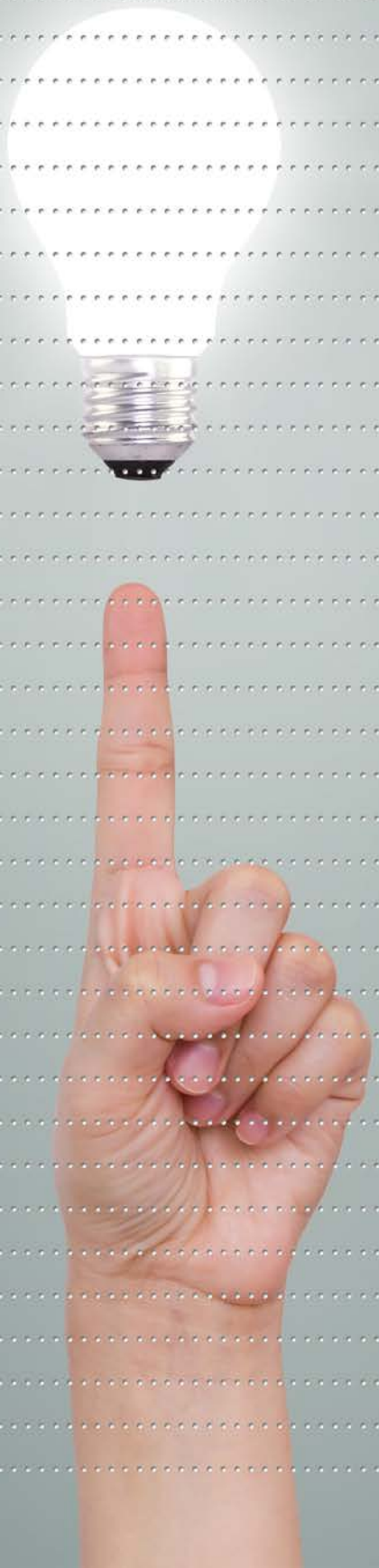
Spectrometry







NOTE



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