LED bollard (Imro-square)

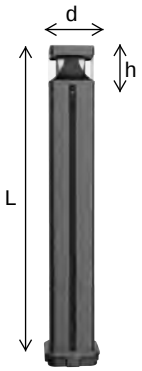
Lighting solution for gardens and general landscape lighting.



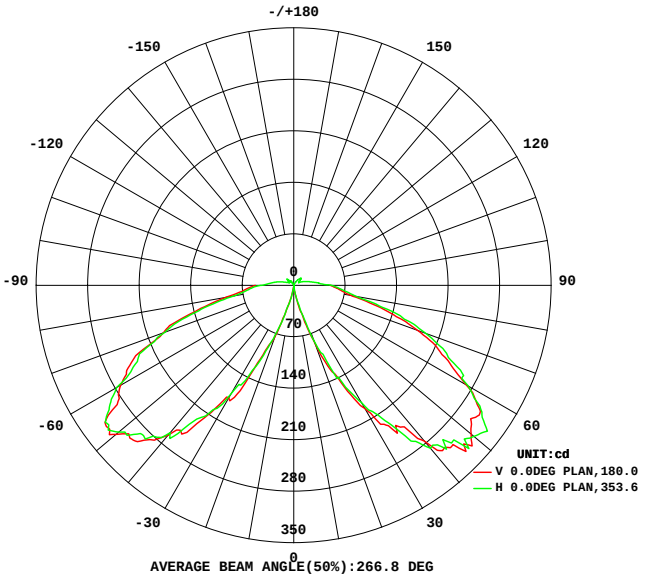
A decorative bollard for landscape lighting, light source is SMD LED PCB facing downwards and emission is through a diffuser and a reflector, totally eliminating glare. Light emission through four sides with no separating support provides an asset for smart decoration.

18W 143Lm/W 3000-6000°K IP65

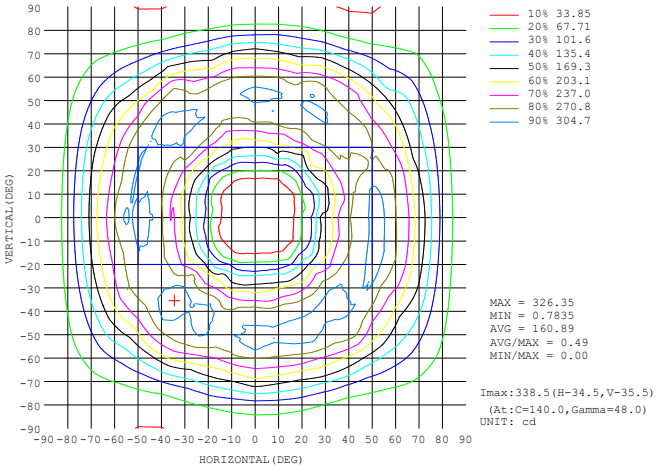
Physical	
Mass	Head 1.4kg
Dimensions	d135mm*135mm * h135mm (head), L 1000/750/600mm
Body	electrostatically coated sections + die cast aluminum
Reflector	Specular Aluminum
Diffuser	Clear poly carbonate
Protection	IP65
Mounting	M6-M8 Fischer screws, anchor bolts, ground mounted
Photometric	
Light Source	SMD LEDs
Efficacy	143 Lm/W
LOR	0.5
Spread angle	180*360°
Spectrometric	
CCT	3000-6000°K
CRI	80
Electrical	
Power supply	220VAC, 50Hz
Power	18W nominal
Current	0.08 A (RMS)
Power Factor	0.96
THDI	12.2%



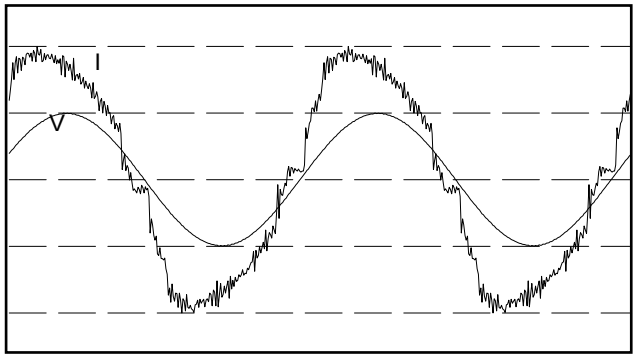
Polar radiation distribution



Luminance



Electrical oscilloscopy



Art. no.	Type	Power	CCT
IMROL SQ-SMD018230--	LED Bollard (Imro square) height 100cm	18W	3000°K
IMROM SQ-SMD018230--	LED Bollard (Imro square) height 75cm	18W	3000°K
IMROS SQ-SMD018230--	LED Bollard (Imro square) height 60cm	18W	3000°K
IMROL SQ-SMD018240--	LED Bollard (Imro square) height 100cm	18W	4000°K
IMROM SQ-SMD018240--	LED Bollard (Imro square) height 75cm	18W	4000°K
IMROS SQ-SMD018240--	LED Bollard (Imro square) height 60cm	18W	4000°K
IMROL SQ-SMD018260--	LED Bollard (Imro square) height 100cm	18W	6000°K
IMROM SQ-SMD018260--	LED Bollard (Imro square) height 75cm	18W	6000°K
IMROS SQ-SMD018260--	LED Bollard (Imro square) height 60cm	18W	6000°K

Owing to the special nature of application (water flooding possible) it is strongly recommended to supply this product through Earth fault/ leakage protected supply as per national code.

Sources for software simulation for installation (*.IES, *.LDT files) and advanced test results are available on request
Performance described above requires proper installation according to internationally recognized codes and within mentioned operational limitations.
Any properties not directly affecting photometric, spectrometric or electrical performance are liable to change without prior notice.

SEGA.M ELECTRICAL PRODUCTS
Sega-M Electrical Products
Industrial Division: Industrial Area A3, 10th of Ramadan City, Tel.: (+2)0554332072 - 0554332080, Fax: (+2)0554332067, cus.service@sega-m.com, sega-m@sega-m.com
Commercial Division (Main): 87 Abou-Bakr Al-Seddik St., Safir Square, Heliopolis, Cairo, Tel.: (+202)24183122 – 24183144, Fax: (+202) 24185022, sales@Sega-m.com
Commercial Division (Lighting): Milsa apartment building no.6 , Nasr City, Cairo. Tel.: (+202)24181878, sales.lighting@sega-m.com
www.sega-m.com
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