Surface mounted LED Down light (reflector/diffuser based)

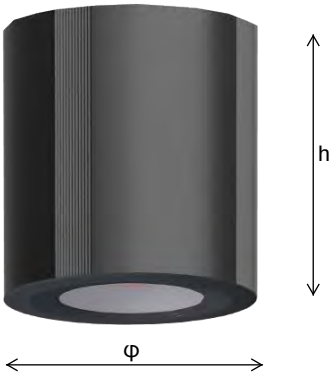
For office space and general indoors lighting

Highly efficient replacement to conventional down lights, saving both power and space. Size and configuration allow easy installation and maintenance. Decorative shape fits with modern architecture.

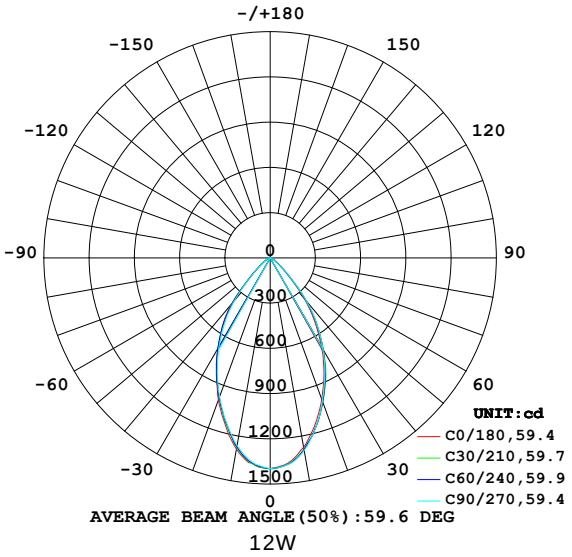


12-20W 150Lm/W IP54

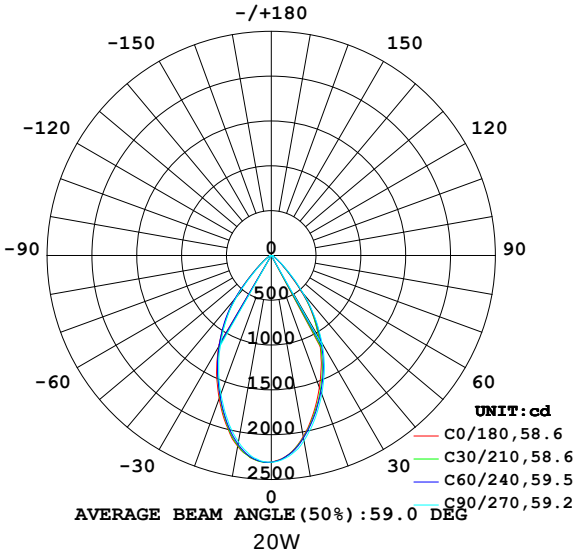
Physical	
Mass	1.55kg
Dimensions	φ135 * h150mm
Body	Electrostatically coated die cast aluminum ring + extruded aluminum tube
Reflector	Specular (segmented or smooth)
Diffuser	Poly carbonate - Milky
Protection	IP54
Mounting	M4/M6 Fischer screws, surface / pendent with tension cable mounted
Photometric	
Light Source	COB LED
Efficacy	150 Lm/W
LOR	0.66
Spread angle	60°
Spectrometric	
CCT	3000-6000°K
CRI	83.3
Electrical	
Power supply	220VAC, 50Hz
Power	12/20
Current	0.064/0.1A (RMS)
Power Factor	0.97
THDI	8.6%



Polar radiation distribution

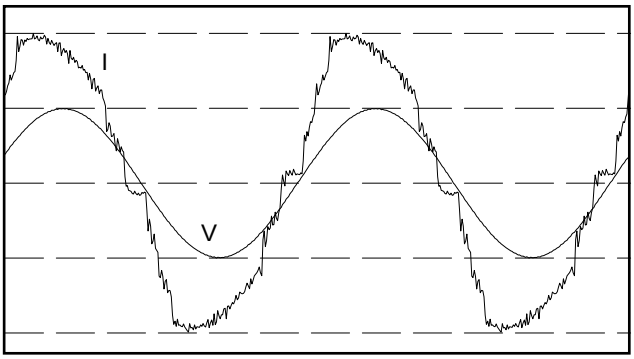


12W



20W

Electrical oscilloscopy



Art. no.	Type	Power	CCT
CRSR1-COB012230--	LED Surface mounted Down light COB	12W	3000°K
CRSR1-COB012240--	LED Surface mounted Down light COB	12W	4000°K
CRSR1-COB012260--	LED Surface mounted Down light COB	12W	6000°K
CRSR1-COB020230--	LED Surface mounted Down light COB	20W	3000°K
CRSR1-COB020240--	LED Surface mounted Down light COB	20W	4000°K
CRSR1-COB020260--	LED Surface mounted Down light COB	20W	6000°K

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
SEGA.M LIGHTING SOLUTIONS