

# RIGEL Series Datasheet



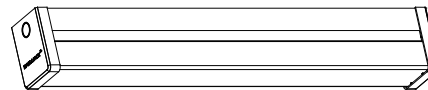
IP20 LED Ceiling. High lumen output, ideally suitable for large area lighting. Additionally, with long lamp life, low maintenance make LED a viable and desirable option for a variety of applications.

<b>TECHNICAL DATA</b>	Mounting in the ceiling, has two clips, easy to install and replace. <b>Material:</b> Iron & PC <b>IP Code:</b> IP20 <b>Mounting Kits:</b> Expansion bolt <b>Colour:</b> Silver
<b>ELECTRICAL DATA</b>	<b>Working Voltage:</b> 100-240V 50/60Hz <b>Power Supply Efficiency:</b> >85% <b>LED Chip:</b> SMD2835 <b>Power Factor:</b> >0.95
<b>OPTICAL DATA</b>	<b>Light distribution:</b> Symmetric <b>Beam Angle:</b> 120° <b>Way of lighting:</b> Direct
<b>SERVICE CONDITION</b>	<b>Operating temperature:</b> -20 C to +50 C <b>Warranty:</b> 3 years <b>Application:</b> Shopping Center, Supermarkets, Storage, Garage, School, Hospital, Airport.

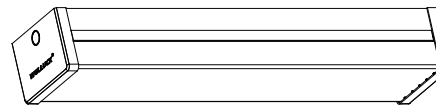
Product Code	Input Power [W]	Output Power [W]	Size [mm]	Lumen [lm]	CCT [K]	CRI/Ra
Degree of water and dust protection: IP20						
RIGEL-A6-8W	9	8	630*73*92	810	3000K/4000K/6400K	≥80
RIGEL-A12-18W	20	18	1230*73*92	1800	3000K/4000K/6400K	≥80
RIGEL-A15-24W	26	24	1530*73*92	2340	3000K/4000K/6400K	≥80
RIGEL-A18-30W	34	30	1830*73*92	3060	3000K/4000K/6400K	≥80
RIGEL-B6-16W	17.7	16	630*131*92	1593	3000K/4000K/6400K	≥80
RIGEL-B12-36W	40	36	1230*131*92	3600	3000K/4000K/6400K	≥80
RIGEL-B15-48W	53	48	1530*131*92	4770	3000K/4000K/6400K	≥80
RIGEL-B18-60W	66	60	1830*131*92	5940	3000K/4000K/6400K	≥80

Product Code	Dimensions [mm] L W H	QTY/CTN
<b>PACK SIZES</b>		
RIGEL-A6-8W	660 320 320	12
RIGEL-A12-18W	1260 320 220	8
RIGEL-A15-24W	1560 320 220	8
RIGEL-A18-30W	1860 245 220	6
RIGEL-B6-16W	660 425 400	12
RIGEL-B12-36W	1260 425 210	6
RIGEL-B15-48W	1560 425 210	6
RIGEL-B18-60W	1860 290 210	4

Luminous flux tolerance +/- 10%



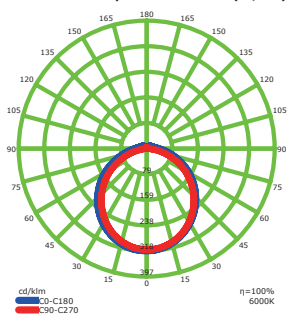
"A" Series single



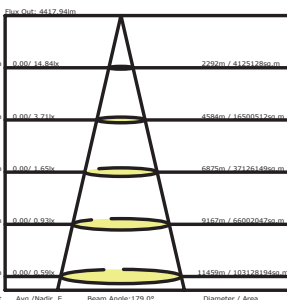
"B" Series twin

RIGEL-A12-18W Light Distribution

Luminous Intensity Distribution Curve(cd/klm)

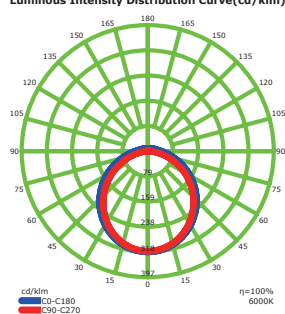


The Average Illuminance Effective Figure

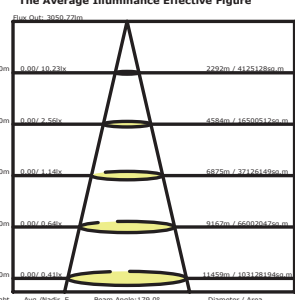


RIGEL-B15-48W Light Distribution

Luminous Intensity Distribution Curve(cd/klm)



The Average Illuminance Effective Figure



Above Light Distribution is tested and compared when the product lighting 100%