

1350B high intensity LED light

A patent-pending compact LED luminaire designed for replacement of HID lamp in indoor and outdoor applications. It is suitable for industrial production plant with ceiling height exceeding 5 meter with average illuminance of >300 lux on ground level basing on standard lighting



General Characteristic

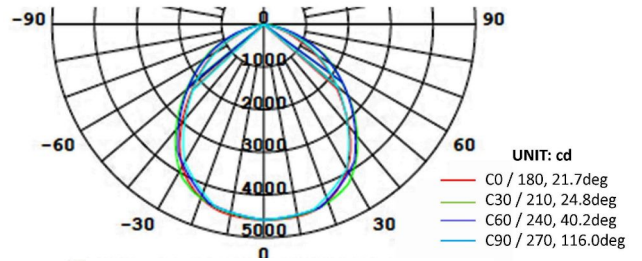
Body structure	Aluminium alloy profile fitted with proprietary PMMA multiple-lens water resistance diffuser
Thermal management	Integrated with housing
Cable gland type	Stainless steel
Rated life span	≥50000 hours (accumulative)
Ingress protection	IP65
Industrial standard	EMC Directive 2004/108/EC
Operation temperature	-40°C ~ +60°C
Certification	CE, FCC, RoHS
Relative moisture	10% ~ 90%
Total harmonic distortion	<15%
Installation fittings (optional)	Surface-mounted or suspended

Electrical Characteristic

Input voltage	90~305VAC, 47~63Hz
Output voltage	35Vdc
Power factor	PF ≥0.95
Power efficiency	>95%
Certification	CE, TUV, RoHS compliant

Light Characteristic

Light source	Each module is fitted with 56 pieces of Bridgelux 2835 high intensity LED chips coupled with multiple secondary lens insulated cover
Color temperature	3000K (K3); 4000K (K\$); 5000K (K5)
Luminance efficiency	100lm (K3); 110lm (K4); 120lm (K5)
Color rendering index	Ra >75
Luminous efficiency	≥95%
Peak intensity	45000cd
Beam angle (optional)	90°/70°*140°
Glaring index	UGR 30
Ultra violet ray	Free



Typical broad beam photometric

Packing information

Model #	Power Rating		Lumen	Module	Overall Size (mm)			Weight		Packing Information	
	Rated	System			L	W	H	kg	lbs	Box Size (mm)	G/Weight
135030B-056W040	40.0W	42.1W	4000~4800	1 unit	300	130	50	1.5	3.3	300 x 140 x 100	1.9 kg
135060B-112W060	60.0W	63.2W	6000~7200	2 units	600	130	50	2.2	4.8	610 x 140 x 100	2.7 kg
135060B-112W080	80.0W	84.2W	8000~9800	2 units	600	130	50	2.2	4.8	610 x 140 x 100	2.7 kg
135090B-168W100	100.0W	105.2W	10000~12000	3 units	900	130	50	3.5	7.7	910 x 140 x 100	4.1 kg
135090B-198W120	120.0W	126.3W	12000~14400	3 units	900	130	50	3.5	7.7	910 x 140 x 100	4.1 kg
139120B-224W150	150.0W	157.9W	15000~18000	4 units	1200	130	50	4.3	9.5	1210 x 140 x 100	5.0 kg
139150B-280W200	200.0W	210.5W	20000~24000	5 units	1500	130	50	7.4	16.3	1510 x 140 x 100	8.3 kg

