

NexusLED®
Simpler is Better



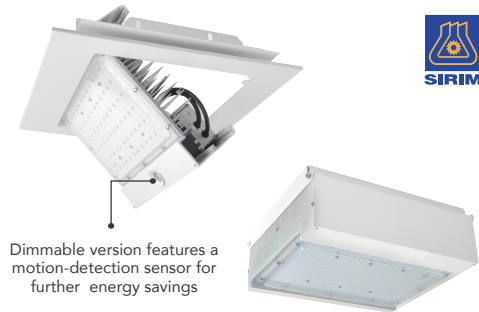
Petron Station Lighting
LED Under Canopy **BR Series**

LED Under Canopy BR700 Series (optional with sensor)



Application areas

- Service station canopies
- Multipurpose halls
- Workshops
- Petrol Station
- Factories

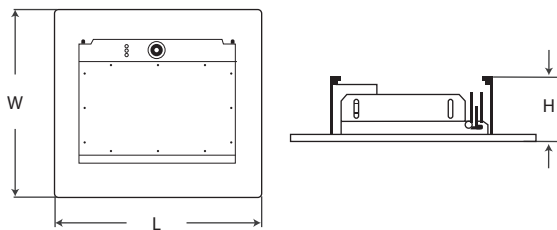


Product Specifications

AC Input: 90 ~ 305Vac	LED Lumen Maintenance: LM80
Color Rendering Index (CRI): >70	Electrical Safety: Class I
Beam Angle: 120°	IP Rated: IP66, IK08
Color Temperature: 3000K - 6500K	Heatsink material: Extruded Aluminium
Operating Temperature: -30°C ~ +50°C	Luminaire Cover Material: Polycarbonate with UV
Storage Temperature: -30°C ~ +80°C	Compliant: SIRIM, CB, CE, IEC, RoHS, SAA, RCM
Lifetime (typical): 100,000 hours at ta 25°C	

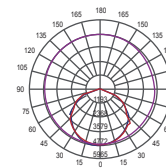
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System Power	100W ± 5%	120W +/-5%	140W ± 5%	100W +/-5%	120W +/-5%	140W ± 5%
Luminaire Efficacy	>140 lm/W	>140 lm/W	>140 lm/W	>140 lm/W	>140 lm/W	>140 lm/W
LED Driving Current	2,100 mA	2,520 mA	2,830 mA	2,100 mA	2,520 mA	2,830 mA
Luminous Flux	13,970 lm	16,520 lm	18,780 lm	13,970 lm (HM) 5,030 lm (LM)	16,520 lm (HM) 5,030 lm (LM)	18,780 lm (HM) 6,030 lm (LM)

Dimensions

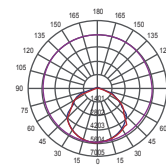


Model		L	W	H	Weight
Recessed-mount	Size	370mm	370mm	86mm	±6.0kg
	Cut-Out	340mm	340mm	-	-
Surface	Size	288mm	288mm	106mm	±6.0kg

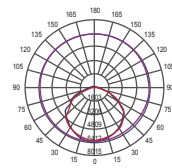
Photometry



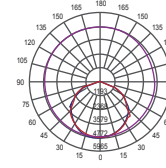
BR700-100-C12
BS700-100-C12



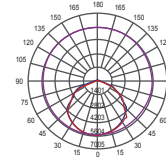
BR700-120-C12
BS700-120-C12



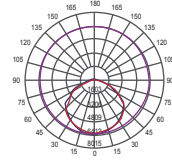
BR700-140-C12
BS700-140-C12



BR700-100-C12/S
BS700-100-C12/S



BR700-120-C12/S
BS700-120-C12/S



BR700-140-C12/S
BS700-140-C12/S