

NexusLED®
Simple is Better



Petron Station Lighting
LED Under Canopy BR Series

LED Under Canopy BR700 Series

(optional with sensor)



Application areas

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

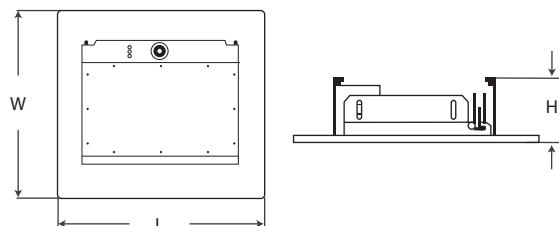


Product Specifications

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						

Model	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
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



Photometry

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

