

PETRON



Under Canopy Lighting

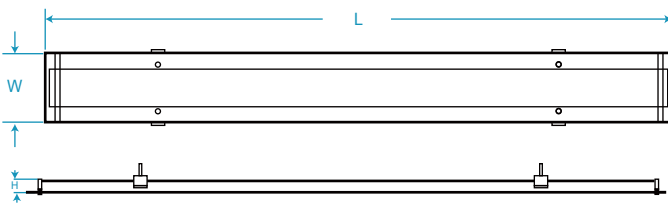
Efficient lighting not only enhances your brand image but it will also create an environment conducive for safety and comfort for your customers in your petrol station

Forecourt Under Canopy Downlight - FCL Series

FCL with luxeon LEDs offer optimum visual condition while enabling maximum energy savings for forecourt canopies light



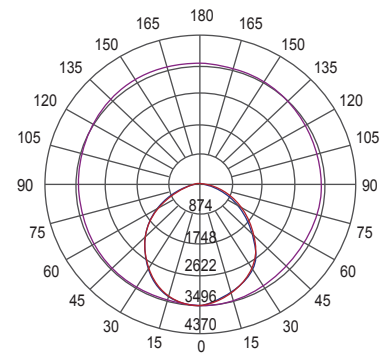
AC Input: 90 ~ 305Vac
System Power: 70W +/-5W
Luminaire Efficacy Rating (LER): >130 lm/W
LED Driving Current: 1,100 mA
Luminous Flux (High Mode): 9,100 lm
Color Temperature: 5700k (available 3000k, 4000k)
Color Rendering Index (CRI): >70
Beam Angle: 120°
LED Lumen Maintenance: LM80
Electrical Safety: Class II
Compliant: IEC, CE, RoHS
Weight: 3.0kg
Heatsink material: Aluminium Extrusion
Luminaire Cover Material: Polycarbonate with UV
Size (L) x (W) x (H) : 1200mm x 140mm x 31.5mm



Application areas

- Service station canopies
- Multi purpose halls
- Workshops
- Workshops
- Factories
- Lobbies

Photometry



Under Canopy Downlight - CR500 option with sensor

NexusLED®
Simpler's Better

The Luxeon LEDs used in recessed canopy downlights provide reliable and powerful bright light for clarity and safety in the forecourt with maximum energy savings



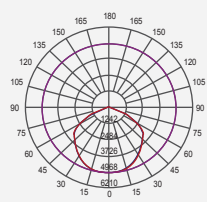
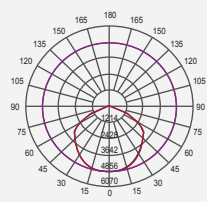
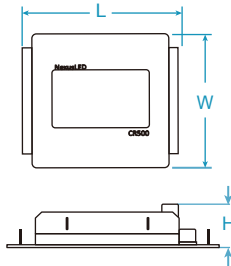
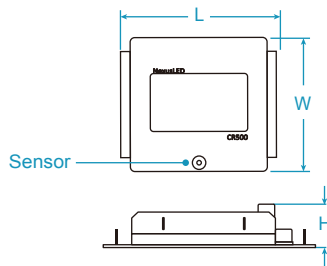
Dimmable version features a motion-detection sensor for further energy savings

AC Input: 90 ~ 305Vac
LED Driving Current: 1,050 mA
Color Temperature: 5700k (available 3000k, 4000k)
Color Rendering Index (CRI): >70
Beam Angle: 120°
Operating Temperature: -30°C ~ +50°C
Storage Temperature: -30°C ~ +80°C
Lifetime (typical): 100,000 hours at Ta 25°C
LED Lumen Maintenance: LM80
Electrical Safety: Class I
IP Rated: IP66, IK08
Heatsink material: Extruded Aluminium
Luminaire Cover Material: Clear Polycarbonate
Size (L) X (W) X (H): 370mm x 370mm x 76mm
Compliant: CB, IEC, CE

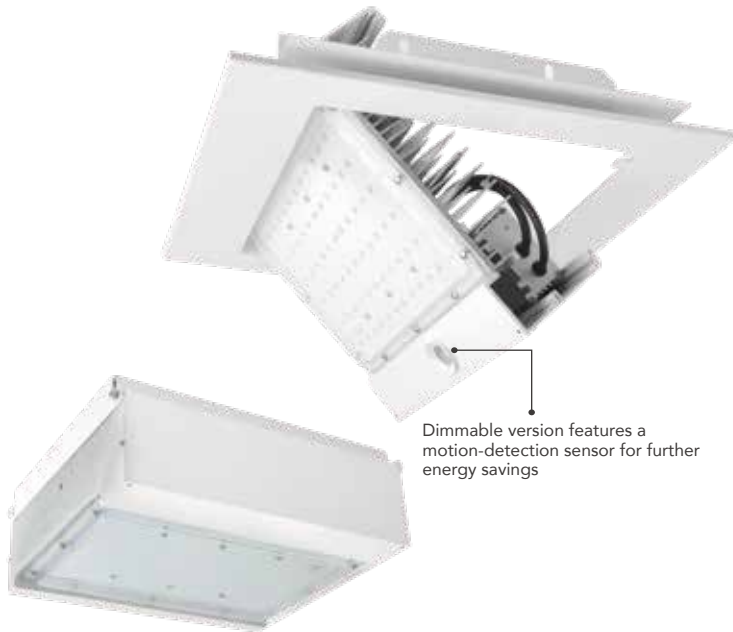


Application areas

- Service station canopies
- Multi purpose halls
- Workshops
- Factories
- Lobbies

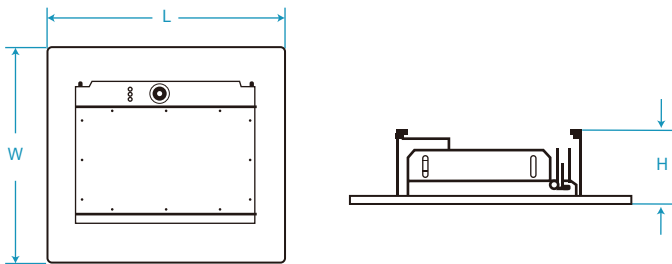
Details	Model	CR500-100-C57-120	CR500-100-C57-120/S
System Power		95W ± 5W	95W ± 5W (HM) ; 30W ± 5W (LM)
Luminous Flux		14,255 lm	14,130 lm (HM) ; 4,820 lm (LM)
Weight		4.50kg	5.40kg
Photometry			
Size (L) X (W) X (H)		 370mm x 370mm x 76mm	 370mm x 370mm x 76mm
Start Dimming When Motion Has Stop		-	Default 90 sec
Reached Low or High Mode in		-	5 sec

Under Canopy Downlight - BR700&BS700 option with sensor



Dimmable version features a motion-detection sensor for further energy savings

AC Input: 90 ~ 305Vac
Color Temperature: 5700k (available 3000k, 4000k)
Color Rendering Index (CRI): >70
Beam Angle: 120°
Operating Temperature: -30°C ~ +50°C
Storage Temperature: -30°C ~ +80°C
Lifetime (typical): 100,000 hours at Ta 25°C
LED Lumen Maintenance: LM80
Electrical Safety: Class I
IP Rated: IP66, IK08
Heatsink material: Extruded Aluminium
Luminaire Cover Material: Polycarbonate with UV
Compliant: CB, CE, IEC, RoHS, SAA, RCM



Features

- Intelligent dimming system with motion sensing coverage
- Surface and recessed-mount fittings are available

Application areas



Detail	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 Rating		>138 lm/W	>136 lm/W	>136 lm/W	>138 lm/W	>136 lm/W	>136 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)
Size (L) X (W) X (H)		BR700: 370mm x 370mm x 86mm BS700: 288mm x 248mm x 106mm	BR700: 370mm x 370mm x 86mm BS700: 288mm x 248mm x 106mm	BR700: 370mm x 370mm x 86mm BS700: 288mm x 248mm x 106mm	BR700: 370mm x 370mm x 86mm BS700: 288mm x 248mm x 106mm	BR700: 370mm x 370mm x 86mm BS700: 288mm x 248mm x 106mm	BR700: 370mm x 370mm x 86mm BS700: 288mm x 248mm x 106mm
Photometry							

NexusLED®

Simple is Better

Designed and Manufactured By:

NexusLED Green Technology Sdn. Bhd. (893555-V)

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