PHILIPS

Mini200 Canopy Light

7473849



Fuel your business with new generation of Canopy lighting solution

In a transparent market like petrol station operators are under constant pressure to maintain its profitability through lower operating cost, while in the same time attracting more customers with clean and crisp station that gives comfort and safety feeling. Also, in sports complexes, community centers lowering the operating cost is a challenge. Comfort lighting becomes priority of customers. Philips' Mini 200 LED is an intuitive under- canopy lighting that ensures optimal visual conditions while enabling huge energy savings. The luminaire's precision-control optics enables light to be distributed where it is needed the most. Its integrated components and long-life LED technology make this an easy-to-install, zero-maintenance solution. Mini 200 delivers a uniform light distribution with an asymmetric or bi-directional beam creating outstanding illuminances in industrial and retail environments. The range comprises versions for recessed, surface and suspended mounted. It is designed to replace 165W & 200W HID under canopy solutions, offering up to 60% of

energy savings, whilst delivering long lifetime, in often hard to reach maintenance areas. The future upgradability to intelligent system makes “Mini200” a remarkable under canopy solution with best in class value proposition for customer.

Benefits

- Suitable for use in harsh environment
- Enhance visibility, Safety and Ambience
- Delivering Energy efficient and Quality lighting
- High quality material and design leads to longer life class for luminaire
- Various installation options provide flexibility to fit for multiple applications

Applications

- Parking Garages
- Petrol and Convenience
- Airports
- Community centers
- Indoor Sports complexes

Features

- Ingress Protection -IP65
- Impact Resistance IK08
- Inbuilt encapsulated Potted Driver
- Designed for operations under diverse environment from -10˚C to 45˚C
- Life class is 50000 hours (L70B50 @ Ta45˚C)
- Unique Fin design for excellent thermal stability
- Toughened and shatter-proof quality of glass and built-in lens plate enhances safety
- Pressure die-cast housing offers excellent corrosion-resistance and robustness
- System efficiency >130 lm/W
- Two Beam Angles Symmetric (SK60^0) & Asymmetric (AK35^0)
- High Voltage Cutoff @ 325 ± 15V with Auto Restart feature
- 440V Protection for 8 Hrs. (Phase to Phase)
- Internal Surge Protection 4KV

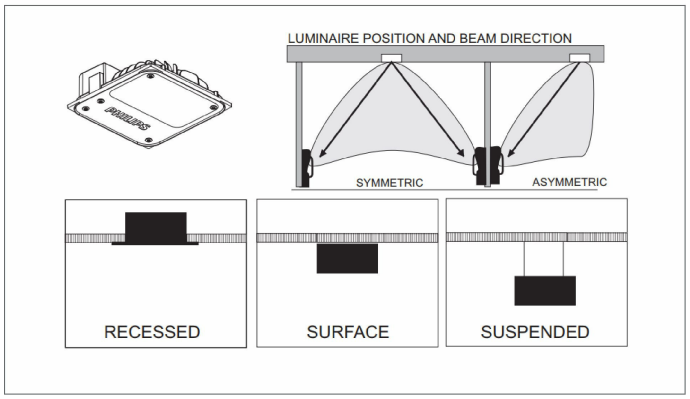
Versions



BY286V

Dimensional drawing

Product: Mini200 Canopy Light
Type: BY286V
Application: Indoor applications



BY286V

General Information

Driver included	Yes

Light Technical

Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70

Operating and Electrical

Input Voltage	120 to 277 V
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Color	White
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Tempered glass

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
Ambient temperature range	0 to +45 °C

Initial Performance (IEC Compliant)

Initial chromaticity	<5

Light Technical

Order Code	Full Product Name	Luminous Flux	Luminous Efficacy (rated) (Nom)	Beam angle of light source	Optic type
919515812896	BY286V LED90S CW SK PSU FG WH	9,000 lm	130 lm/W	60 degree(s)	Symmetrical
919515812897	BY286V LED90S CW AK PSU FG WH	9,000 lm	130 lm/W	35 degree(s)	Double asymmetric optic 35°
919515812898	BY286V LED85S CW SK PSU FG WH	8,500 lm	115 lm/W	60 degree(s)	Symmetrical
919515812899	BY286V LED85S CW AK PSU FG WH	8,500 lm	115 lm/W	35 degree(s)	Double asymmetric optic 35°

Operating and Electrical

Order Code	Full Product Name	Power Consumption
919515812896	BY286V LED90S CW SK PSU FG WH	70 W
919515812897	BY286V LED90S CW AK PSU FG WH	70 W
919515812898	BY286V LED85S CW SK PSU FG WH	75 W
919515812899	BY286V LED85S CW AK PSU FG WH	75 W

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