PHILIPS

BY286V LED90S CW AK PSU FG WH

919515812897



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.

General Information

Driver included	Yes
Light source engine type	LED
Warranty period	5 years

Light Technical

Luminous Flux	9,000 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	>70
Beam angle of light source	35 degree(s)
Light source color	857 daylight
Optic type	Double asymmetric optic 35°
Luminaire light beam spread	2° x 35°

Operating and Electrical

Input Voltage	120 to 277 V
Line Frequency	50 Hz
Power Consumption	70 W
Power Factor (Fraction)	0.95
Protection class IEC	Safety class I
Surge Protection (Common/ Differential)	Surge protection level until 4 kV

Controls and Dimming

Dimmable	No
Control interface	-

Mechanical and Housing

Housing Material	Aluminum die cast
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White
Mounting device	Recessed/ Surface/ Suspended
Material	Aluminum
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Tempered glass
Net Weight (Piece)	3.700 kg

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
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

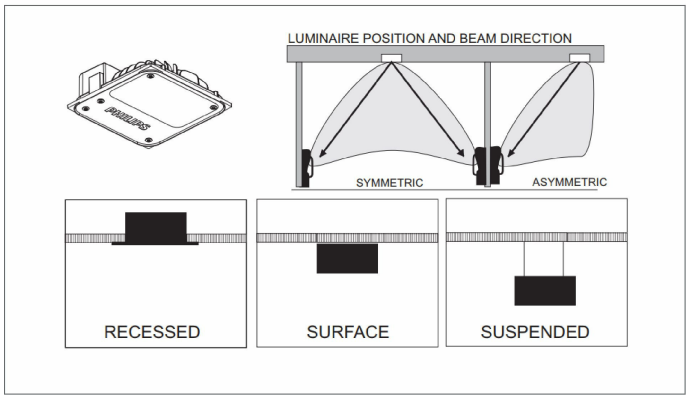
Median useful life L70B50	50,000 hour(s)

Product Data

Order product name	BY286V LED90S CW AK PSU FG WH
Full product name	BY286V LED90S CW AK PSU FG WH
Order code	919515812897
Material Nr. (12NC)	919515812897
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

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



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	Mini200_Canopylight-BY286V-INI.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	Mini200_BY286V LED90S CW AK PSU FG WH.ies	Download

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