PHILIPS Lighting



Mini200 Canopy Light

BY286V LED90S CW AK PSU FG WH

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 longlife 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.

Product data

General Information		
Driver included	Yes	
Light source engine type	LED	
Warranty period	5 years	
Flammability mark	For mounting on normally flammable surfaces	

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°	
Optical cover type	Tempered glass	
Luminaire light beam spread	2° x 35°	
Operating and Electrical		
Input Voltage	120 to 277 V	
Line Frequency	50 Hz	

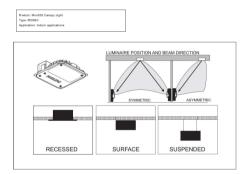
70 W

Power Consumption

Mini200 Canopy Light

Power Factor (Fraction)	0.95	Surge Protection (Common/Differential)	Surge protection level until 4 kV
		Protection class IEC	Safety class I
Temperature			
Ambient temperature range	0 to +45 °C	Initial Performance (IEC Compliant	:)
		Initial chromaticity	<5
Controls and Dimming		Power consumption tolerance	+/-10%
Dimmable	No		
Control interface	-	Over Time Performance (IEC Compliant)	
		Median useful life L70B50	50,000 hour(s)
Mechanical and Housing			
Housing Material	Aluminum die cast	Product Data	
Optic material	Polycarbonate	Order product name	BY286V LED90S CW AK PSU FG WH
Optical cover material	Polycarbonate	Full product name	BY286V LED90S CW AK PSU FG WI
Housing Color	White	Order code	919515812897
Mounting device	Recessed/ Surface/ Suspended	Material Nr. (12NC)	919515812897
Material	Aluminum	Numerator - Quantity Per Pack	1
		Numerator - Packs per outer box	1
Approval and Application			
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]		
Mech. impact protection code	IK08 [5 J vandal-protected]		

Dimensional drawing





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