



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 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.

Product data

| General Information | | | |
|------------------------------------|---|-----------------------------|-----------------------------|
| Driver included | Yes | Beam angle of light source | 35 degree(s) |
| Light source engine type | LED | Light source color | 857 daylight |
| Warranty period | 5 years | Optic type | Double asymmetric optic 35° |
| Flammability mark | For mounting on normally flammable surfaces | Optical cover type | Tempered glass |
| | | Luminaire light beam spread | 2° x 35° |
| Light Technical | | Operating and Electrical | |
| Luminous Flux | 9,000 lm | Input Voltage | 120 to 277 V |
| Correlated Color Temperature (Nom) | 5700 K | Line Frequency | 50 Hz |
| Luminous Efficacy (rated) (Nom) | 130 lm/W | Power Consumption | 70 W |
| Color rendering index (CRI) | >70 | | |

Mini200 Canopy Light

| | |
|------------------------------|--|
| Power Factor (Fraction) | 0.95 |
| Temperature | |
| Ambient temperature range | 0 to +45 °C |
| 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 |
| Approval and Application | |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |

| | |
|--|-----------------------------------|
| Surge Protection (Common/Differential) | Surge protection level until 4 kV |
| Protection class IEC | Safety class I |
| 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

