

# Data sheet: *SteLED* SERIES

rev.07/18



## Product description

SteLED high bay is a durable and high efficient solution for a variety of industrial and commercial applications. Due to its extruded anodized aluminium housing SteLED has an optimal thermal control and a longer system life; in terms of diffusers, you can choose between a tempered glass shield or a polycarbonate one, depending on the type of the installing environment: tempered glass shields ensure resistance to chemical substances, thermal shocks and collision while the polycarbonate version makes the device suitable for food industries. The SteLED Series is DLC Premium-listed providing additional benefits in terms of energy savings, maintenance costs and rebates.



STELED en aluminium extrudé est une lampe High Bay LED pour intérieurs.

Il se compose de trois éléments en aluminium couplés ensemble et un écran en verre trempé ou un écran en polycarbonate stabilisé. Sa structure en aluminium permet sa utilisation même dans des environnements très chauds. L'utilisation de sources lumineuses COB (Chip On Board) offre une large gamme de performances d'éclairage.

**Applications:** Warehouses, manufacturing- and commercial facilities, exhibitions, food industry.

**Suggested installation heights:** 275.59 in <  $H$  < 393.7 in (>393.7 in with lenses) (7m <  $H$  < 10m)

## Technical features

**Luminous flux:** 22,800 lm / 28,000 lm

**Power range:** 153 - 170 W

**Light source:** CITILED COB

**Light source efficacy:** up to 164 lm/W

**Colour Rendering Index (CRI):** >70

**Colour Correlated Temperature (CCT):** 3,000 K | 4,000 K | 5,000 K (Std)

**Input voltage range and frequency:** 108 - 300 Vac; 47 - 63 Hz

**Driver (built-in):** Mean Well – HLG SERIES

**Insulation class:** CLASS I

**Power factor:** > 0.9

**Lifetime:** L80 > 90.000h @ Ta=77°F (IES TM-21-11 Prediction)

**Dimensions:** L x 18.6 in x 5.94 in (L= 17.95 in or 23.85 in ) (L x 472mm x 151mm (L=456/606 mm))

**Materials:** Luminaire body made by anodized aluminium; stainless steel screws.

**Diffuser material:** tempered glass or polycarbonate.

**Weight:** 21.8 or 29.3 lb (depending on the length L) (10,7 or 13,3 kg (depending on the length L))

**Operating Temperature:** -4 to 113°F (up to 149°F for the H50VS45C\_G22\_D model)(-20 to 45°C (up to 65°C for the H50VS45C\_G22\_D model)

**Environment protection rating:** IP65 except for model H IP55

**Luminous flux dimming:** 1-10 Vdc

**Standard(s):** Luminaires [UL 1598:2008 Ed.3 +R:17Oct2012]  
Luminaires (R2013) [CSA C22.2#250.0:2008 Ed.3 +G1;G2]

**Standard equipment:** luminaire provided with a 3/5-pole plug for a fast power supply connection and hooks to make easier the installation

**Accessories :** suspension mounting set

**Diffusers on demand:** transparent glass, transparent polycarbonate, matt polycarbonate and frosted polycarbonate.

**Colour:** SILVER GREY (Std) ; others customizable

**Warranty:** 5 YEARS

CLASS 2

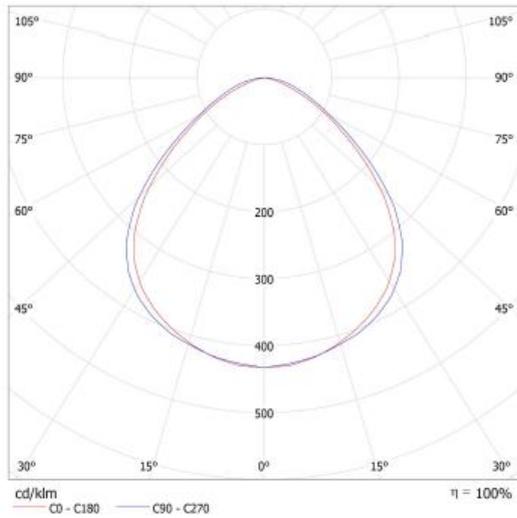


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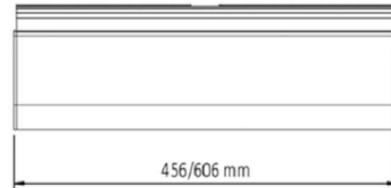
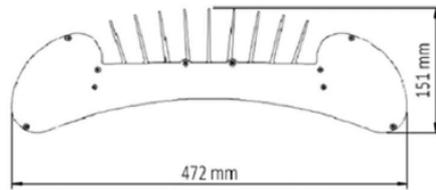
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## Standard photometry



## Dimensions



## Standard Items

Code product	Model	Note	Screen	Dimension	Luminous Flux	Power
0343 1400 2200	A50VS45C_G22_O	Not dimmable	Satin finish glass	17.95x18.6x5.94in 456 x 472 x 151mm	22,800 lm	153 W
0343 1400 2210	A50VS45C_G22_D	Dimmable				
0343 2400 2600	A50VS60C_G26_O*	Not dimmable	Satin finish glass	23.85x18.6x5.94in 606 x 472 x 151mm	28,000 lm	170 W
0443 1400 2200	H50VS45C_G22_O	Not dimmable	Satin finish glass	17.95x18.6x5.94in 456 x 472 x 151mm	22,800 lm	153 W
0443 1400 2210	H50VS45C_G22_D	Dimmable-For high temperature				

(\*) SELV MODEL

Thanks to product flexibility we can adjust the luminaire with specific values of power or luminous flux (within the allowable range).  
Due to the technological evolution, luminous flux and power can show a tolerance of +/- 10% with reference to the reported values.



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