



STELLA-HB-WWW – Cost optimized solution for high bay applications

High bay lighting - if any - needs to be durable, luminous and very efficient. Being used on a daily basis, oftentimes even for 24 hours a day, sets the requirements for lighting very high. Generation of heat from the luminaire itself, ambient temperature at higher altitudes and constant amount of dust floating around. Yet able to deliver accurate levels of lighting that would keep the eyes sharp for the task. Now with the LEDiL's low cost silicone optics of STELLA-HB-WWW this is easier than ever. Self-sealing optics design helps to keep dust and water away for up to IP67 rating, and the high thermal and UV resistance provides long-term functionality. Very wide light distribution from longer installation heights, low profile design and a large space reserved for connectors inside the optics at just the right price.

- » Cost optimized high bay solution from silicone
- » Approx. 90deg beam for very wide high bay lighting applications
- » Low profile design with a large space reserved for connectors

FEATURES

- Self-sealing silicone design for up to IP67 ingress protection against dirt, dust and water
- Very good thermal and UV resistance
- Maximum connector size: diameter 52mm, height 6mm

TYPICAL APPLICATIONS

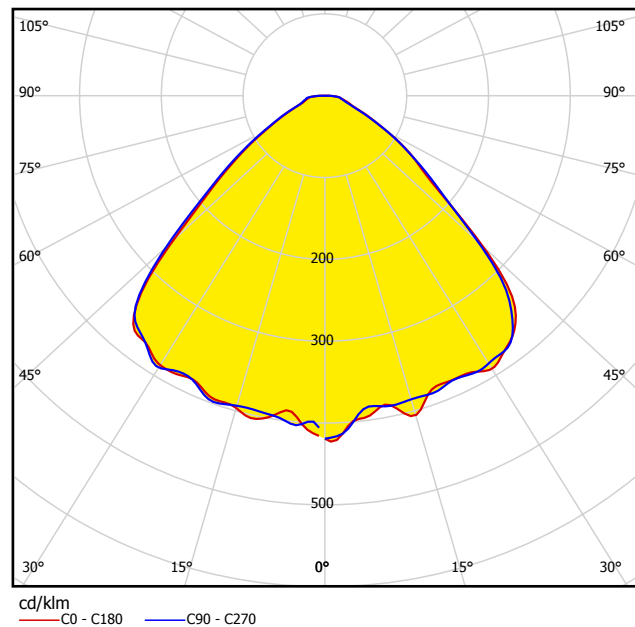
- High bay
- Industrial
- Warehouses

TECHNICAL SPECIFICATIONS

- Height: 11,3 mm
- Diameter: 90 mm
- Typical efficiency: 90%
- Typical FWHM: 102°
- Molded from optical grade silicone
- UL 746 rated materials with RTI-value from -40 to +150°C, and -40 to +120°C on frame. Please note that the light absorption may increase the temperature of the frame. It is recommended to use white frame for installations with huge power output.

COMPATIBILITY

- Compatible from 13mm to 32mm LES-size COBs
- The best performance can be achieved with 18mm LES size (depending on the application/setup)



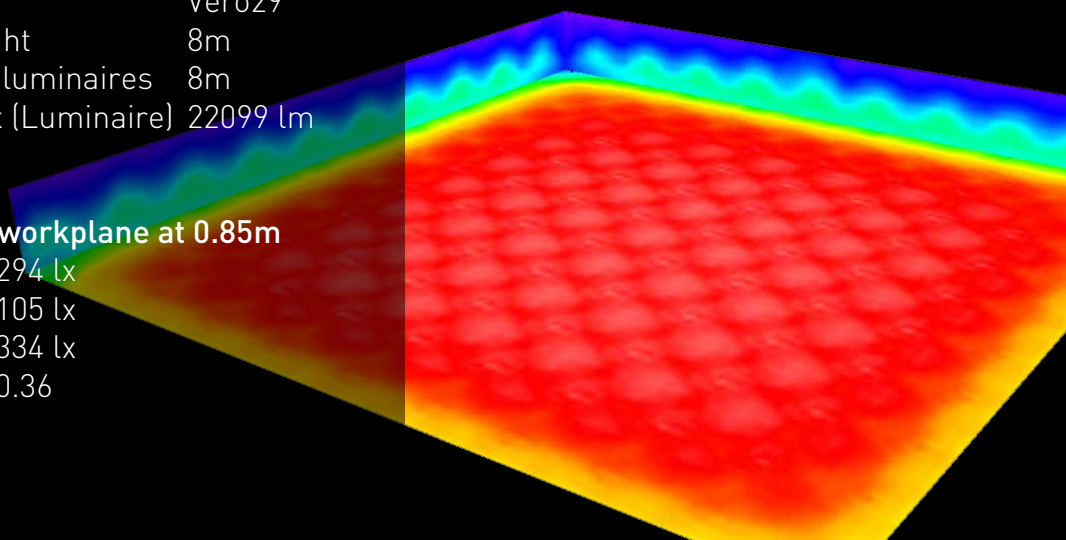
DESIGN EXAMPLE

Luminaire info

LED	Vero29
Mounting height	8m
Dist. between luminaires	8m
Luminous flux (Luminaire)	22099 lm

Results from workplane at 0.85m

Eav:	294 lx
Emin:	105 lx
E _{max} :	334 lx
u ₀ :	0.36



ORDERING INFORMATION

FN15264_STELLA-HB-WWW

Visit www.ledil.com for ordering codes and latest product specifications, which may vary by LED