PRESS RELEASE

HB-SQ-A
Highbay Lighting

DLC compliant High Bay Lenses for Industrial & Commercial users.

LEDiL Oy, a forerunner in the development of secondary LED optics introduces a new member to the HB family. The HB-SQ-A lens is optimized to create a square, symmetric light pattern which meets DLC (DesignLights Consortium™) high bay requirements with 70% lm in 0° - 60° zone and 35% lm in 20° - 50° zone. This lens is optimized, for Philips Lumiled's LUXEON® M.

FEATURES and BENEFITS

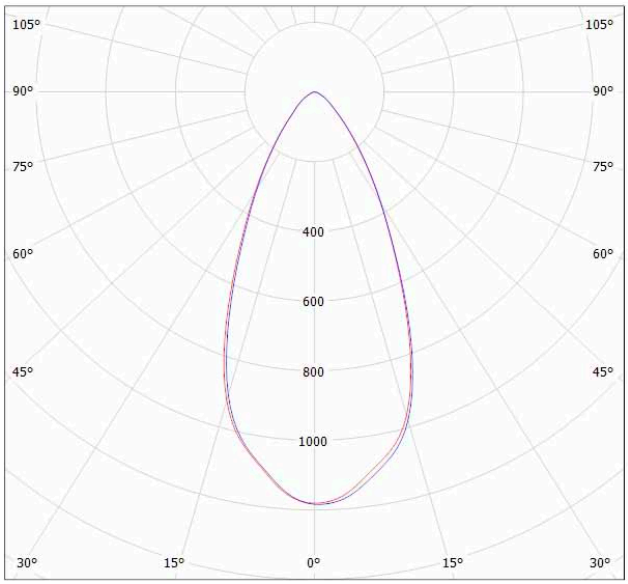
- Meets DLC (DesignLights Consortium™) optical requirements for high bay fixtures.
- Low glare. Additional glare shields or baffles may not be necessary.
- Using an off-the-shelf optical solution makes developing high bay fixtures faster and less costly.
- Flexible installation side-by-side or end-to-end.
- Integral mounting pins and automated assembly markings for rapid and reliable assembly.
- Screw holes allow secure fastening.
- IP-rated sealing system may be created by using potting or sealing compounds.

MARKETS and TYPICAL APPLICATIONS

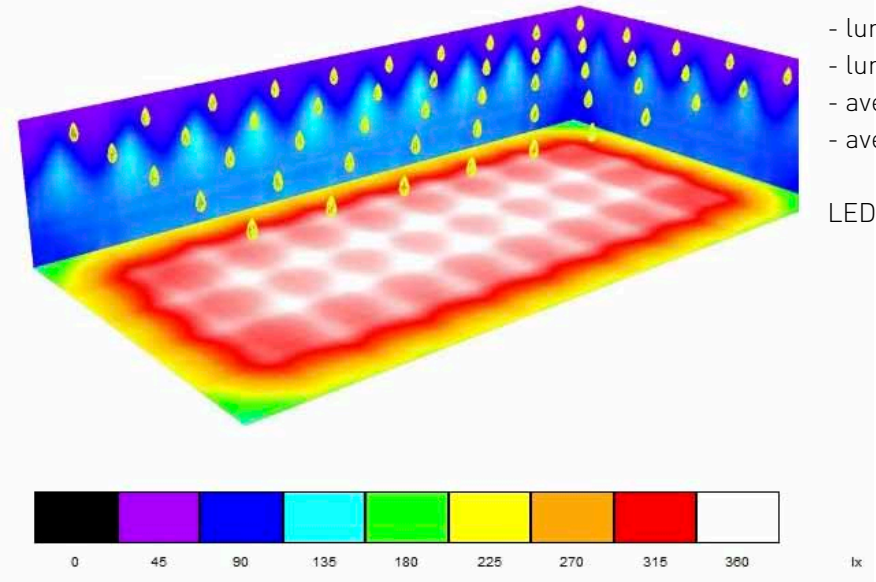
- Warehouses and other commercial, industrial and manufacturing structures
- Interior and exterior architectural lighting requiring even illumination at high mounting heights

TECHNICAL SPECIFICATIONS

- Dimensions; 25 x 25 x 12.9 mm
- Mounts with screws or secondary adhesives
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C
- RoHS compliant and halogen free



SIMULATED APPLICATION



- luminaire spacing: 6x6 m
- luminaire installation height: 12 m
- average illuminance: 310 lx
- average uniformity: 0.45

LED output per luminaire: 13000 lumens

ORDERING INFORMATION

Ordering code: **C12767_HB-SQ-A**

Find your local contact at http://www.ledil.fi/where_to_buy

Disclaimer! The statements presented above represent a theoretical optimal situation and only serve as a possible solution suggestion. Each lighting project must be separately optimized case by case. Consult www.ledil.com for ordering codes and latest product specifications, which may vary by LED.