

HB-2X2

Industry's standard 50 x 50 mm
2X2 footprint for up to 5050 size
LED packages

LEDiL's HB optics are designed for efficient and high performance industrial lighting. The HB-2X2 product family includes the widely used spot, medium and wide light distributions, as well as narrow oval shaped beams perfect for hallway and high shelf lighting.



NEW

HB-2X2-ON

Narrow and oval shaped beam
ideal for aisle and shelf lighting in
industrial applications

FEATURES

- About 50 % narrower beam along the aisle than with HB-2X2-O
- Sharp cutoff in longitudinal direction for reduced glare

TYPICAL APPLICATIONS

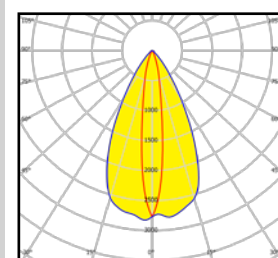
- Industrial and warehouse lighting
- Highbay applications

DESIGN EXAMPLE

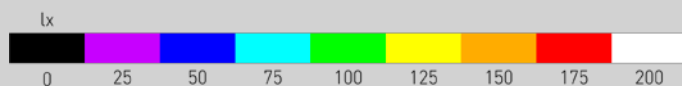
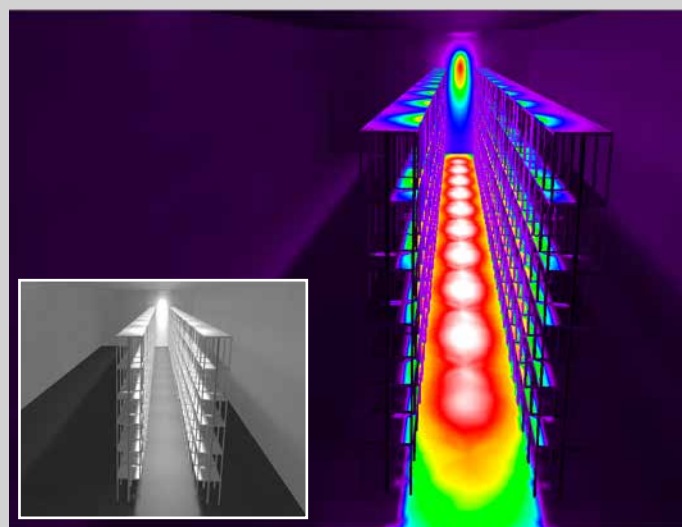
Application: Warehouse shelf and aisle lighting

Mounting height: 9 m
Luminaire pitch: 4,5 m
Aisle width: 2 m

Luminous flux (Luminaire): 4 421 lm
Power (Luminaire): 36 W
UGR at 1,2 m height: <22



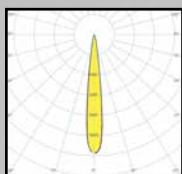
Typical efficiency: 90 %



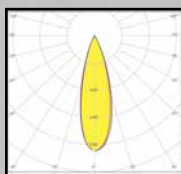
COMPATIBILITY

- Compatible with up to 5050 size LED packages

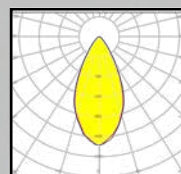
Highbay lighting



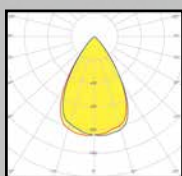
HB-2X2-RS
D: 50 x 50 mm
H: 10 mm
Typ. FWHM: 10°
Typ. eff: 94%



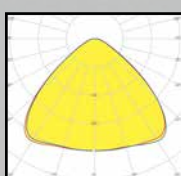
HB-2X2-M
D: 50 x 50 mm
H: 8,5 mm
Typ. FWHM: 25°
Typ. eff: 94%



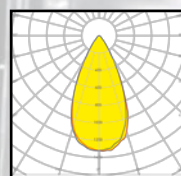
HB-2X2-W
D: 50 x 50 mm
H: 8,5 mm
Typ. FWHM: 51°
Typ. eff: 92%



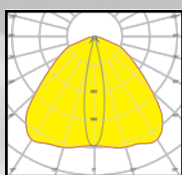
HB-2X2-WW
D: 50 x 50 mm
H: 8,5 mm
Typ. FWHM: 10°
Typ. eff: 91%



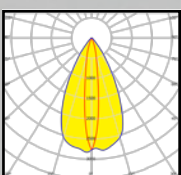
HB-2X2-WWW
D: 50 x 50 mm
H: 8,5 mm
Typ. FWHM: 98°
Typ. eff: 94%



HB-2X2-RW
D: 50 x 50 mm
H: 8,5 mm
Typ. FWHM: 19°+117°
Typ. eff: 91%



HB-2X2-O
D: 50 x 50 mm
H: 10,6 mm
Typ. FWHM: 10°
Typ. eff: 94%



NEW
HB-2X2-ON
D: 50 x 50 mm
H: 10 mm
Typ. FWHM: 10°
Typ. eff: 90%

ORDERING INFORMATION

C15925_HB-2X2-ON

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