

YASMEEN-50-RS

~10° spot beam

SPECIFICATION:

Dimensions	Ø 50.0
Height	28.5 mm
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-50-RS	Assembly				
YASMEEN-50-HLD2-C	Holder C	PC	black		
YASMEEN-50-HLD2-B	Holder B	PC	black		
YASMEEN-50-HLD2-C-WHT	Holder C	PC	white		
YASMEEN-50-HLD2-B-WHT	Holder B	PC	white		



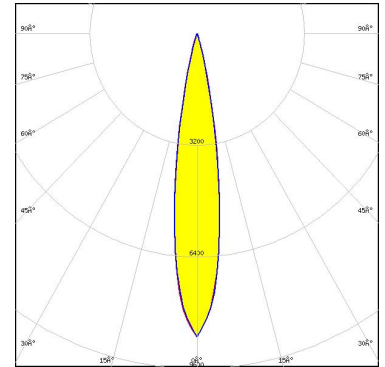
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
Assembly				
CP18748_YASMEEN-50-RS-B2-WHT	252		28	10.6
CP18741_YASMEEN-50-RS-C2-WHT	252		28	10.4
CP18734_YASMEEN-50-RS-B2	252		28	10.6
CP18727_YASMEEN-50-RS-C2	252		28	10.4
CP18720_YASMEEN-50-RS	252	112	28	0.0

OPTICAL RESULTS (SIMULATED):



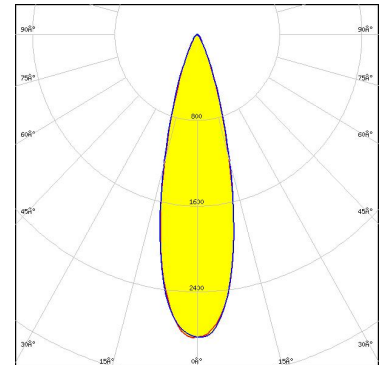
LED V9 HD Gen 8
FWHM / FWTM 18.0° / 30.0°
Efficiency 87 %
Peak intensity 8.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F19860_HEKLA-G2B-I3



Light distribution files



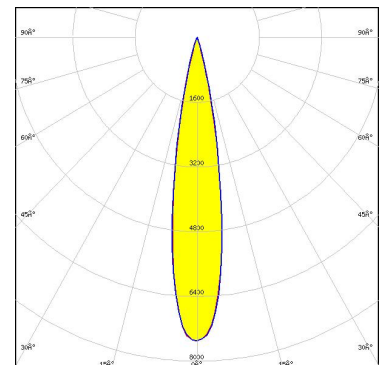
LED COB J-Type
Ordering code CP18727_YASMEEN-50-RS-C2
FWHM / FWTM 28.0° / 50.0°
Efficiency 82 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Bender Wirth: 663a Hekla XL



LED COB L-Type (LES 9)
Ordering code CP18734_YASMEEN-50-RS-B2
FWHM / FWTM 18.0° / 32.0°
Efficiency 86 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

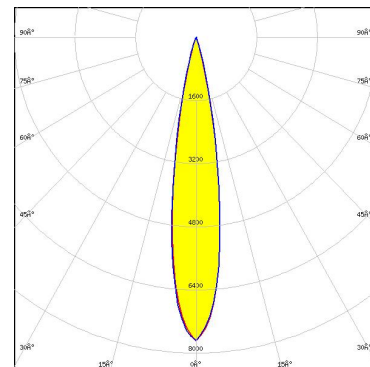


BJB: 47.360.1110

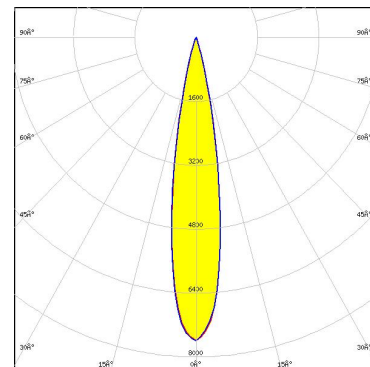
OPTICAL RESULTS (SIMULATED):



LED COB L-Type (LES 9)
 Ordering code CP18727_YASMEEN-50-RS-C2
 FWHM / FWTM 18.0° / 31.0°
 Efficiency 86 %
 Peak intensity 7.7 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17437_HEKLA-G2-H



LED COB L-Type (LES 9)
 Ordering code CP18727_YASMEEN-50-RS-C2
 FWHM / FWTM 18.0° / 32.0°
 Efficiency 86 %
 Peak intensity 7.6 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Bender Wirth: 638a Hekla

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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