

YASMEEN-25-S

~15° spot beam

SPECIFICATION:

Dimensions	Ø 24.8
Height	15.9 mm
Fastening	socket
ROHS compliant	yes ⓘ

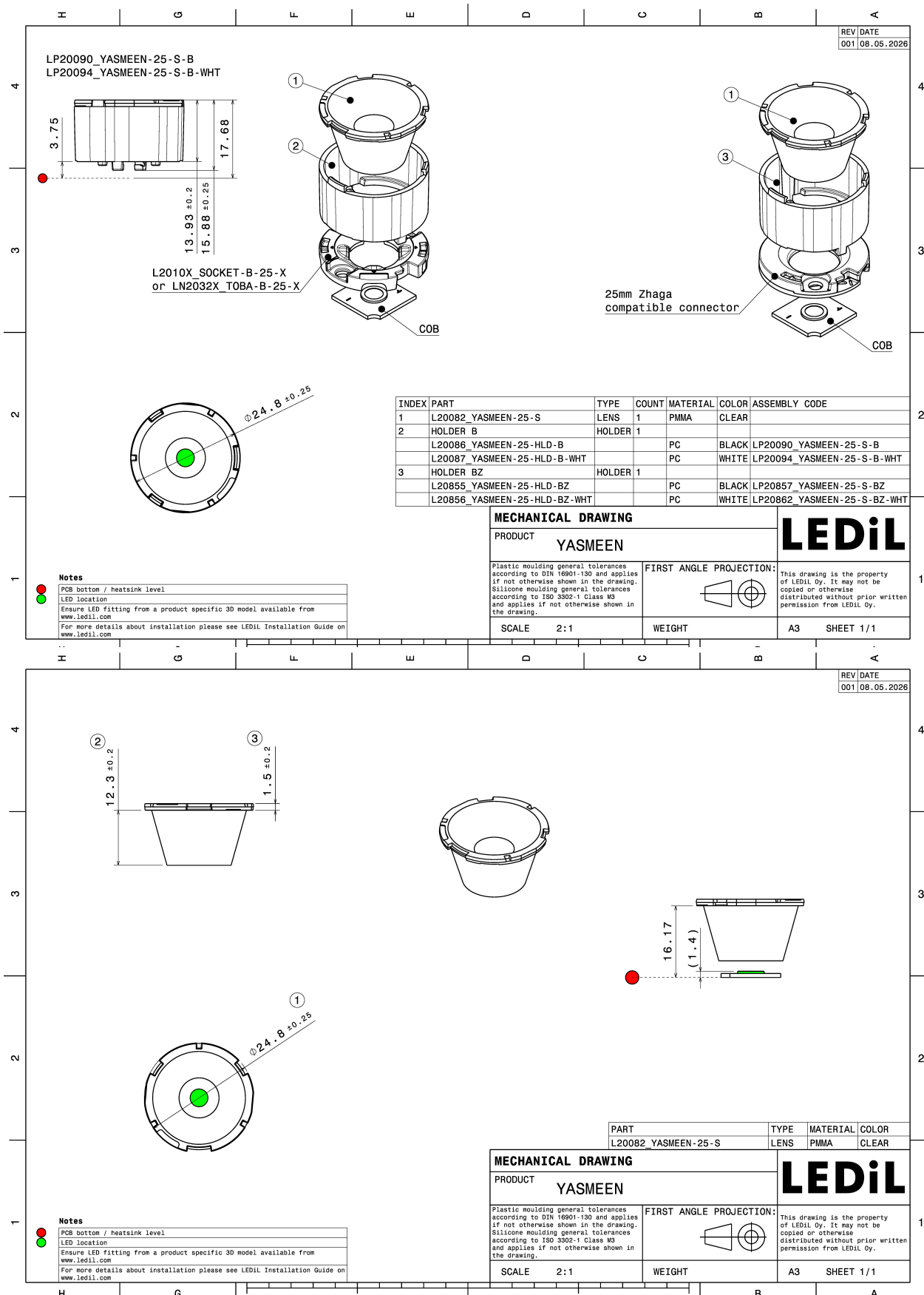
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-25-S	Single lens	PMMA	clear		



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
L20082_YASMEEN-25-S » Box size: 480 x 280 x 300 mm	1690	130	130	5.3
LP20094_YASMEEN-25-S-B-WHT » Box size: 480 x 280 x 300 mm	1690	130	130	7.7
LP20090_YASMEEN-25-S-B » Box size: 480 x 280 x 300 mm	1690	130	130	7.7

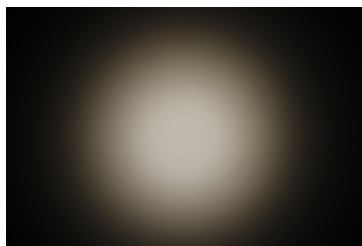
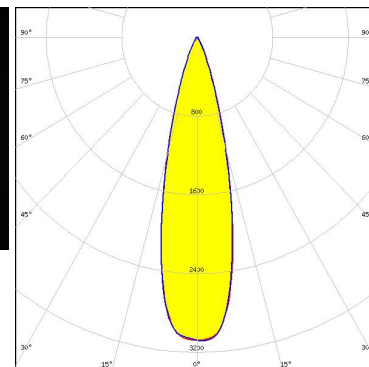


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CITIZEN

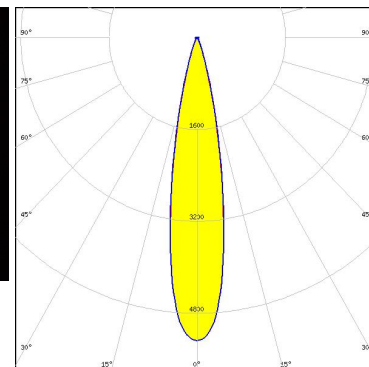
LED CLU700/701/702/703
 Ordering code LP20090_YASMEEN-25-S-B
 FWHM / FWTM 26.0° / 47.0°
 Efficiency 80 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 L20109_SOCKET-B-25-C



Light distribution files

CITIZEN

LED CLU7A2/7A3
 Ordering code LP20090_YASMEEN-25-S-B
 FWHM / FWTM 20.0° / 36.0°
 Efficiency 82 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 L20109_SOCKET-B-25-C

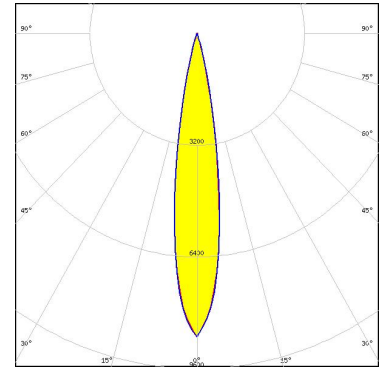


Light distribution files

OPTICAL RESULTS (SIMULATED):



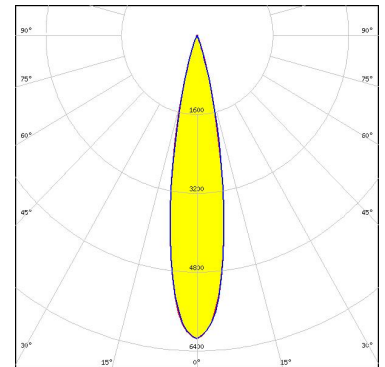
LED V3 HD Gen 8
Ordering code LP20090_YASMEEN-25-S-B
FWHM / FWTM 18.0° / 30.0°
Efficiency 85 %
Peak intensity 8.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 L20108_SOCKET-B-25-A



Light distribution files



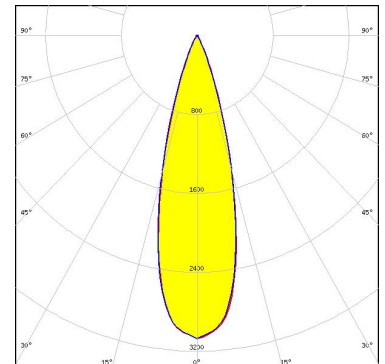
LED V4 HD Gen 8
Ordering code LP20090_YASMEEN-25-S-B
FWHM / FWTM 20.0° / 34.0°
Efficiency 84 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 L20108_SOCKET-B-25-A



Light distribution files



LED V6 HD Gen 8
Ordering code LP20090_YASMEEN-25-S-B
FWHM / FWTM 28.0° / 48.0°
Efficiency 80 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 L20109_SOCKET-B-25-C

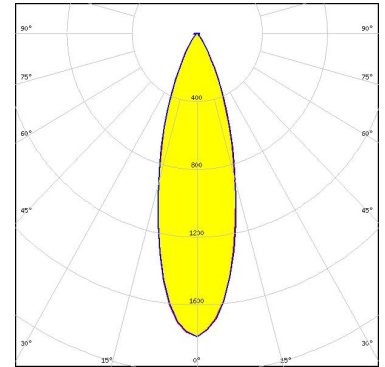


Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

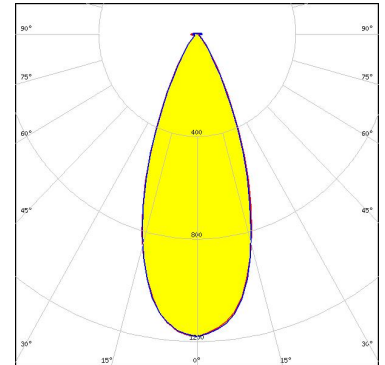
LED CLU02Q-1203E1 Type-M
 Ordering code LP20090_YASMEEN-25-S-B
 FWHM / FWTM 32.0° / 60.0°
 Efficiency 70 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 L20109_SOCKET-B-25-C



Light distribution files

CITIZEN

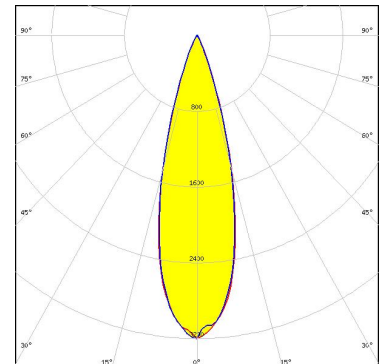
LED CLU02x (LES10)
 Ordering code LP20090_YASMEEN-25-S-B
 FWHM / FWTM 40.0° / 68.0°
 Efficiency 67 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 L20109_SOCKET-B-25-C



Light distribution files

CITIZEN

LED CLU700/701/702/703
 FWHM / FWTM 28.0° / 46.0°
 Efficiency 80 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 L20109_SOCKET-B-25-C

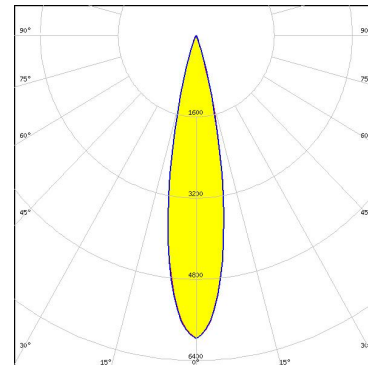


Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

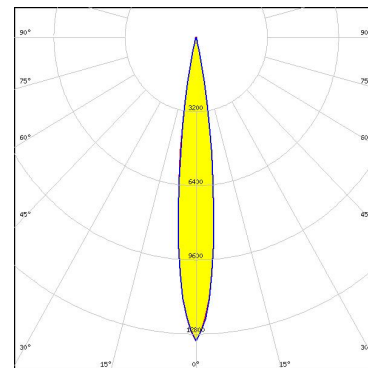
LED CLU7A2/7A3
FWHM / FWTM 22.0° / 36.0°
Efficiency 84 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
L20109_SOCKET-B-25-C



Light distribution files

CITIZEN

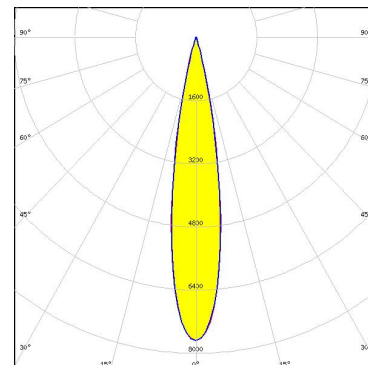
LED CLU7L3
FWHM / FWTM 14.0° / 24.0°
Efficiency 85 %
Peak intensity 13.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
L20106_SOCKET-B-25-N



Light distribution files

CITIZEN

LED CLU7S3
FWHM / FWTM 18.0° / 30.0°
Efficiency 84 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
L20106_SOCKET-B-25-N

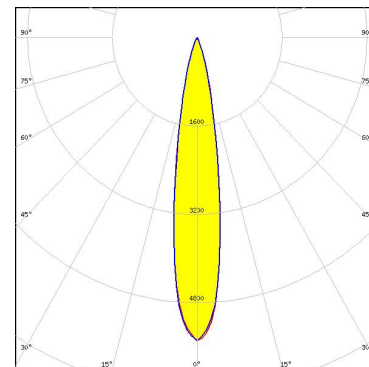


Light distribution files

OPTICAL RESULTS (SIMULATED):



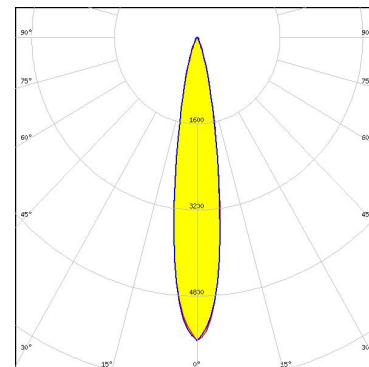
LED NCSWE17A 2x2
 Ordering code LA20098_YASMEEN-25-S
 FWHM / FWTM 18.0° / 36.0°
 Efficiency 70 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:



Light distribution files



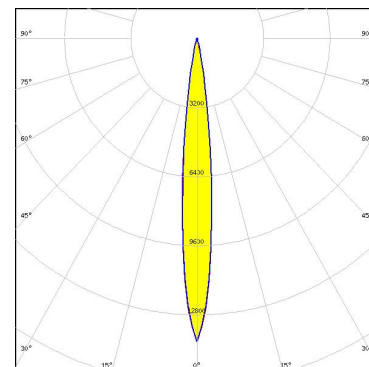
LED NCSWE17A 2x2
 Ordering code LA20102_YASMEEN-25-S-WHT
 FWHM / FWTM 18.0° / 36.0°
 Efficiency 86 %
 Peak intensity 5.6 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:



Light distribution files



LED NCSxE17A
 Ordering code LA20102_YASMEEN-25-S-WHT
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 86 %
 Peak intensity 14.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

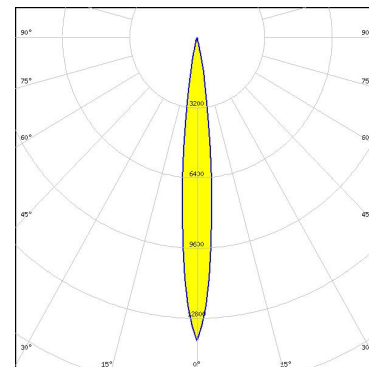


Light distribution files

OPTICAL RESULTS (SIMULATED):



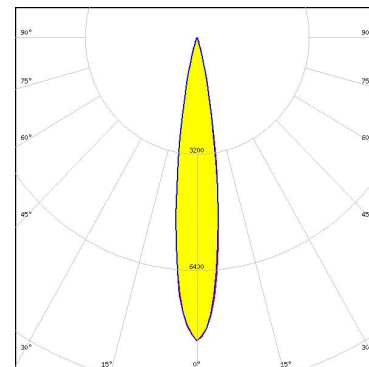
LED NCSxE17A
 Ordering code LA20098_YASMEEN-25-S
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 71 %
 Peak intensity 13.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NV4WB35AM
 Ordering code LA20098_YASMEEN-25-S
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 76 %
 Peak intensity 8.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

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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