

HEIDI-O

~50° x 11° oval beam

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	11.7 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

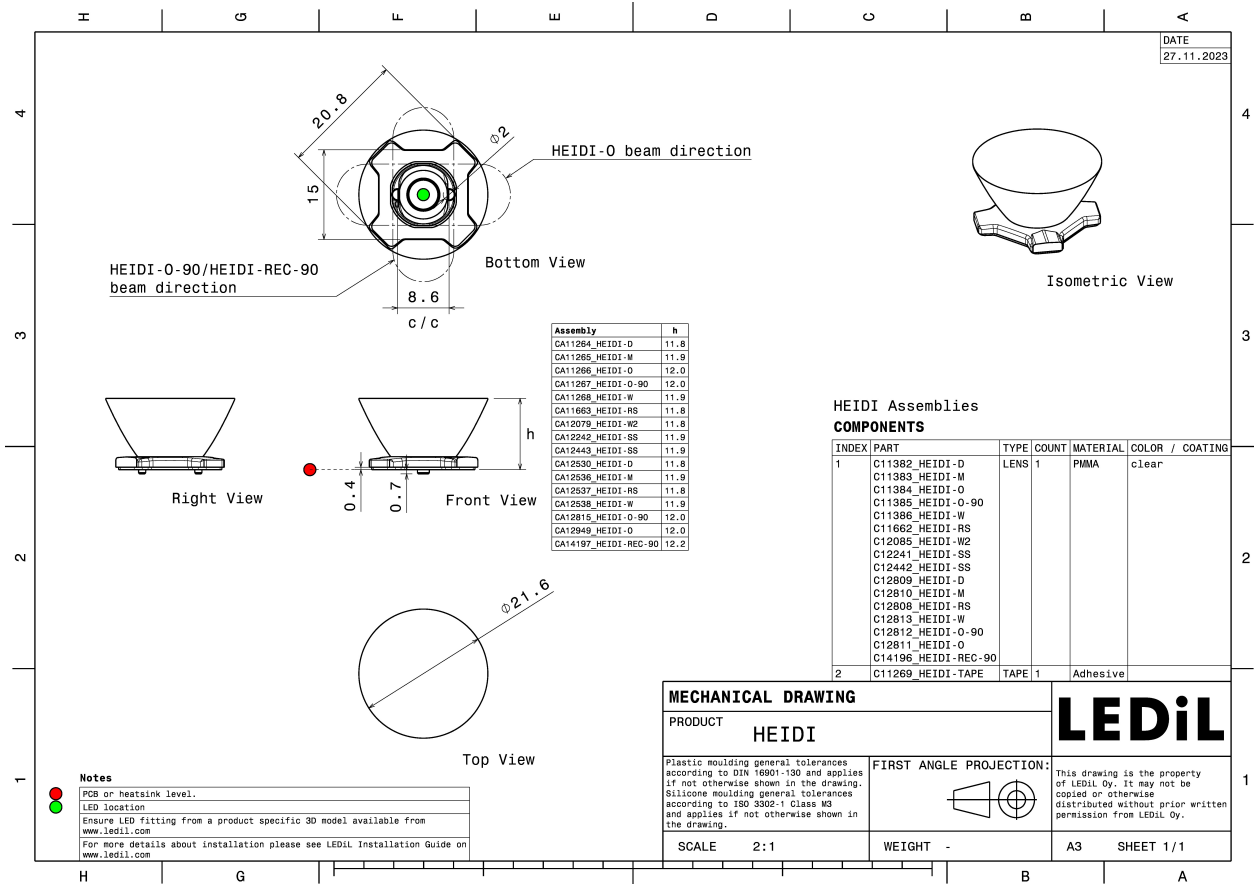
MATERIALS:

Component	Type	Material	Colour	Finish
HEIDI-O	Single lens	PMMA	clear	
HEIDI-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12949_HEIDI-O	Single lens	3264	204	204	11.1
» Box size: 480 x 280 x 300 mm					



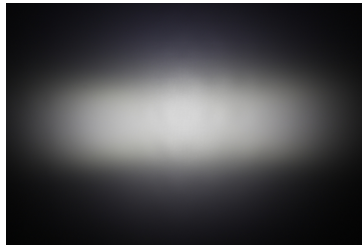


See also our general installation guide: www.ledil.com/installation_guide

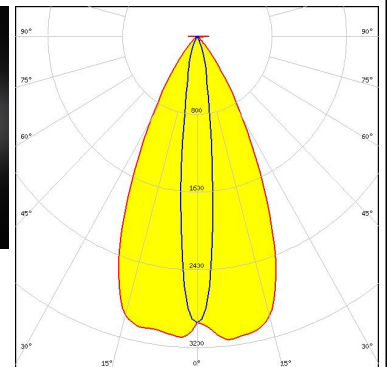
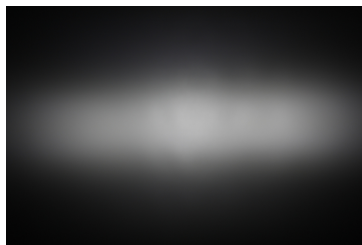
OPTICAL RESULTS (MEASURED):



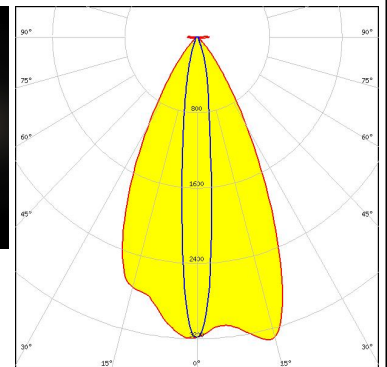
LED XHP35 HD
FWHM / FWTM 51.0 + 18.0° / 84.0 + 50.0°
Efficiency 77 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



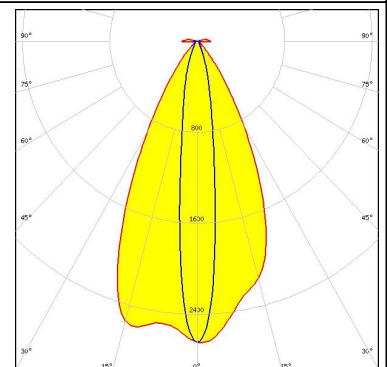
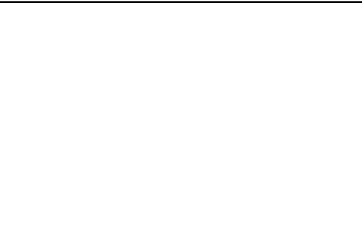
LED XHP35 HI
FWHM / FWTM 53.0 + 14.0° / 80.0 + 40.0°
Efficiency 79 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2
FWHM / FWTM 52.0 + 12.0° / 78.0 + 33.0°
Efficiency 91 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



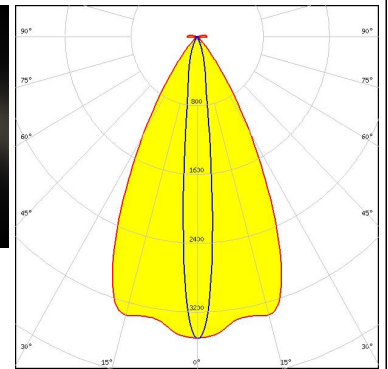
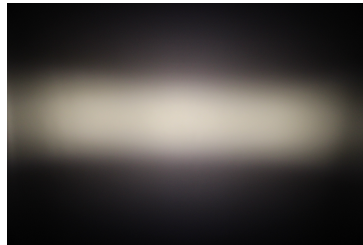
LED XP-G3
FWHM / FWTM 51.0 + 14.0° / 79.0 + 39.0°
Efficiency 90 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



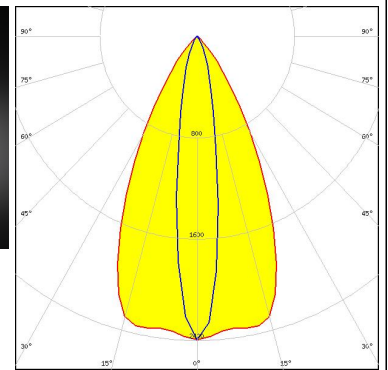
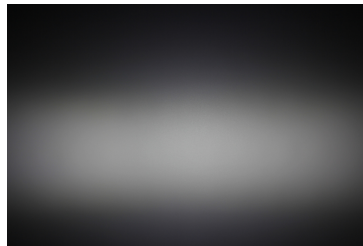
OPTICAL RESULTS (MEASURED):



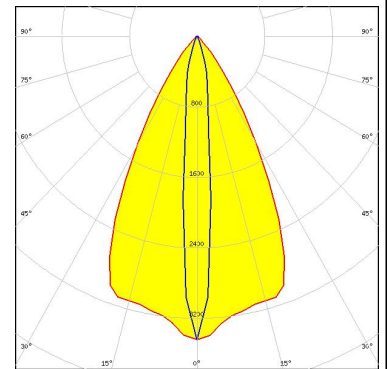
LED XP-G4
 FWHM / FWTM 54.0 + 11.5° / 77.0 + 31.0°
 Efficiency 92 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



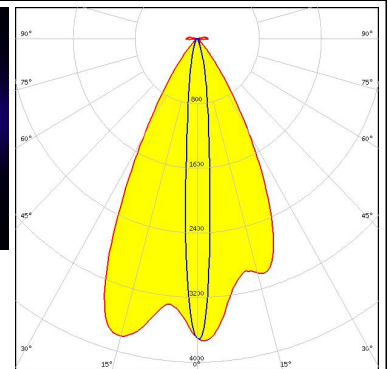
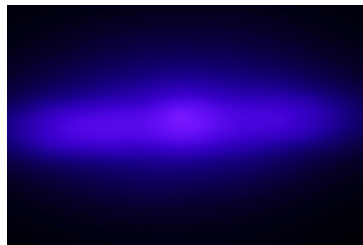
LED XP-L HD
 FWHM / FWTM 52.0 + 16.0° / 79.0 + 41.0°
 Efficiency 81 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON Rebel ES
 FWHM / FWTM 53.0 + 12.0° / 76.0 + 33.0°
 Efficiency 82 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



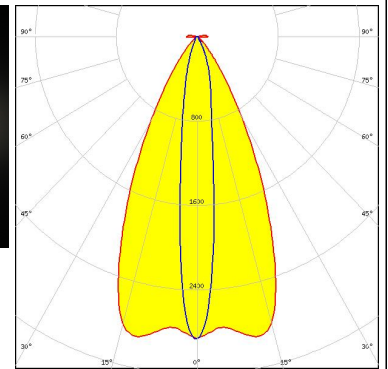
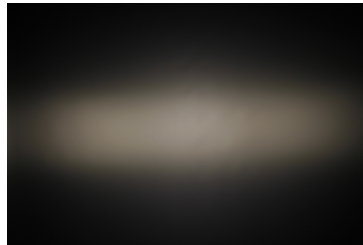
LED SST-10-B130
 FWHM / FWTM 54.0 + 9.5° / 77.0 + 28.0°
 Efficiency 90 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour Blue
 Required components:



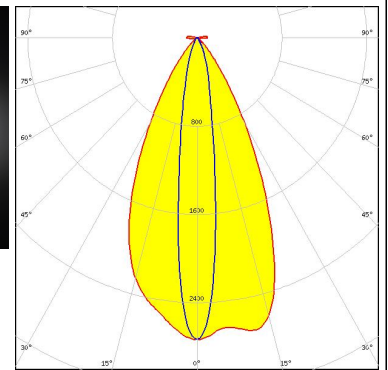
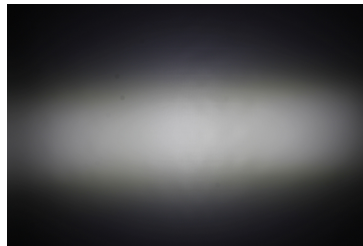
OPTICAL RESULTS (MEASURED):



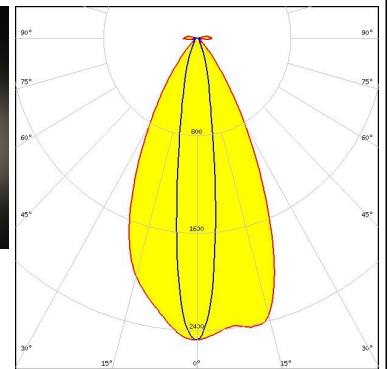
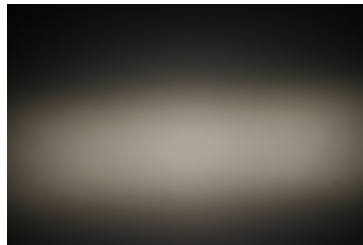
LED NVSW219D
FWHM / FWTM 51.0 + 13.0° / 78.0 + 40.0°
Efficiency 91 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



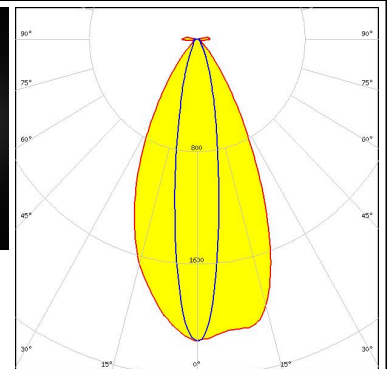
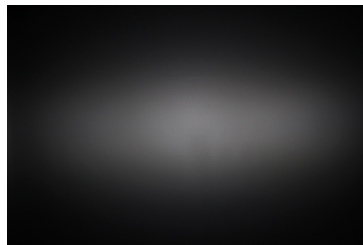
LED NVSW319B
FWHM / FWTM 51.0 + 15.0° / 80.0 + 38.0°
Efficiency 91 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW3x9A
FWHM / FWTM 51.0 + 15.0° / 80.0 + 39.0°
Efficiency 89 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



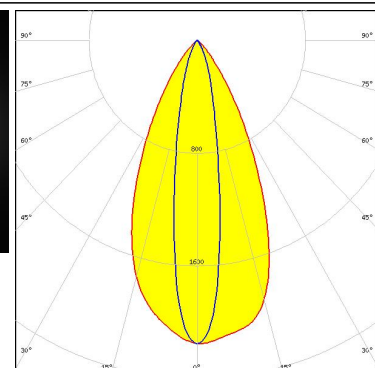
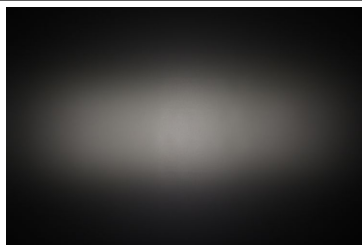
LED NVSW519A
FWHM / FWTM 50.0 + 18.0° / 81.0 + 44.0°
Efficiency 87 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

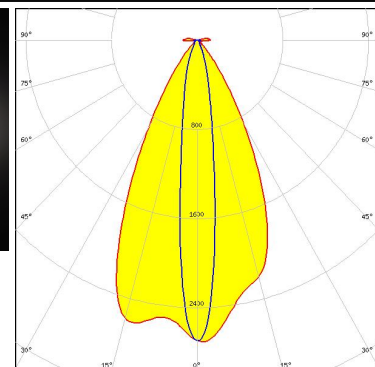
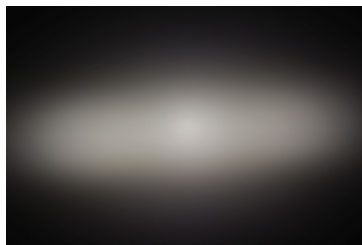


LED NWSx229A
FWHM / FWTM 50.0 + 18.0° / 80.0 + 44.0°
Efficiency 76 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



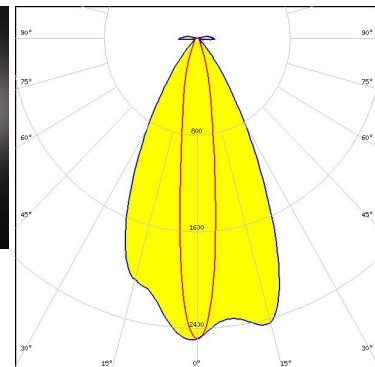
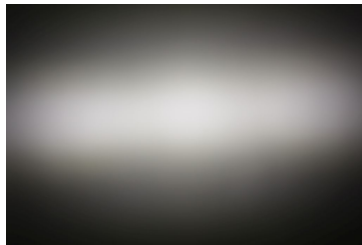
SEOUL SEMICONDUCTOR

LED Z5M3
FWHM / FWTM 52.0 + 13.0° / 79.0 + 39.0°
Efficiency 92 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

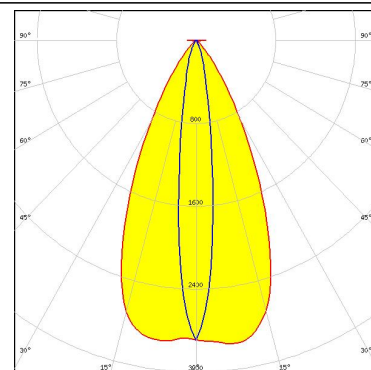
LED Z8Y22P
FWHM / FWTM 52.0 + 14.0° / 79.0 + 39.0°
Efficiency 90 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):



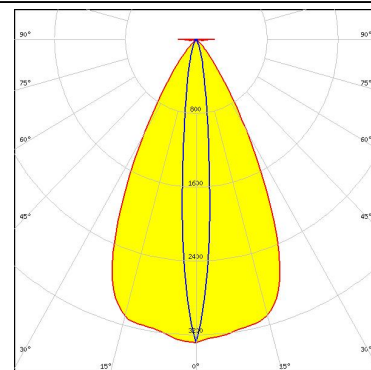
LED XP-G2 HE
FWHM / FWTM 50.0 + 14.0° / 78.0 + 35.0°
Efficiency 88 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON A
FWHM / FWTM 51.0 + 12.0° / 76.0 + 30.0°
Efficiency 84 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON HL2Z
FWHM / FWTM 54.0 + 10.0° / 76.0 + 28.0°
Efficiency 89 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

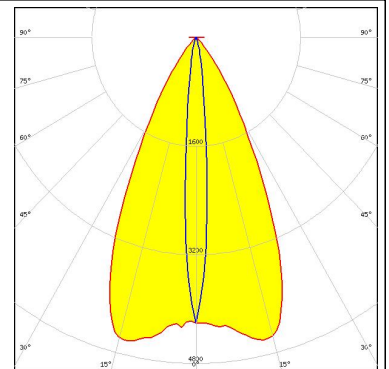


LED LUXEON R
FWHM / FWTM 53.0 + 12.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

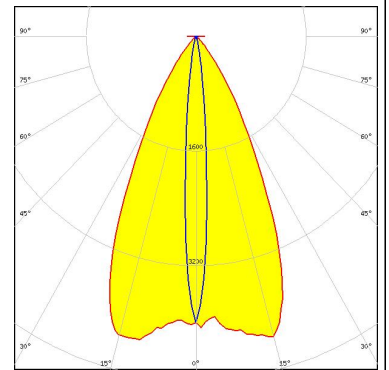
OPTICAL RESULTS (SIMULATED):



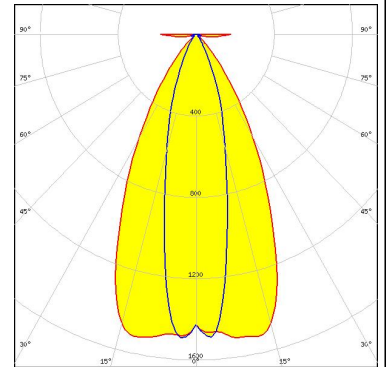
LED LUXEON SunPlus 20 Line (120 deg)
FWHM / FWTM 52.0 + 9.0° / 76.0 + 22.0°
Efficiency 91 %
Peak intensity 4.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



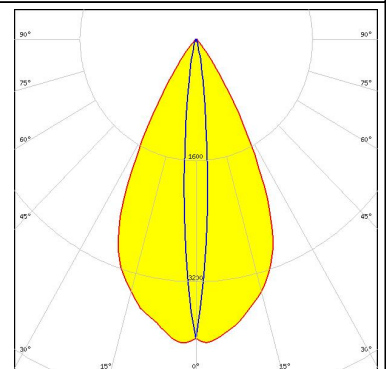
LED LUXEON SunPlus 20 Line (150 deg)
FWHM / FWTM 52.0 + 10.0° / 76.0 + 20.0°
Efficiency 87 %
Peak intensity 4.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED NCSxE17A
FWHM / FWTM 54.0 + 24.0° / 180.0 + 54.0°
Efficiency 81 %
Peak intensity 1.5 cd/Im
LEDs/each optic 4
Light colour White
Required components:



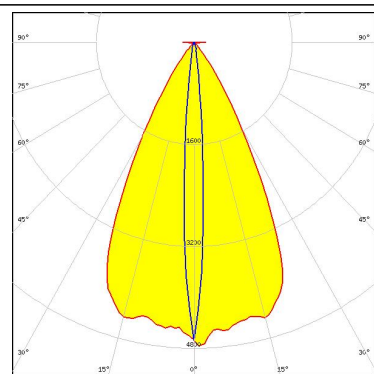
LED OSLOM Black
FWHM / FWTM 53.0 + 9.0° / 54.0 + 23.0°
Efficiency 88 %
Peak intensity 4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON Black Flat (LUW HWQP)
FWHM / FWTM	54.0 + 8.0° / 74.0 + 18.0°
Efficiency	89 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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.

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.

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