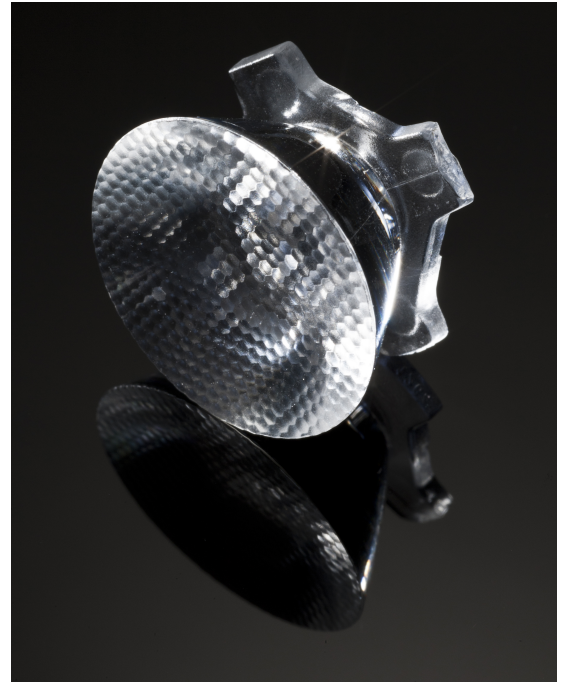


HEIDI-SS

~15° smooth spot beam

SPECIFICATION:

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

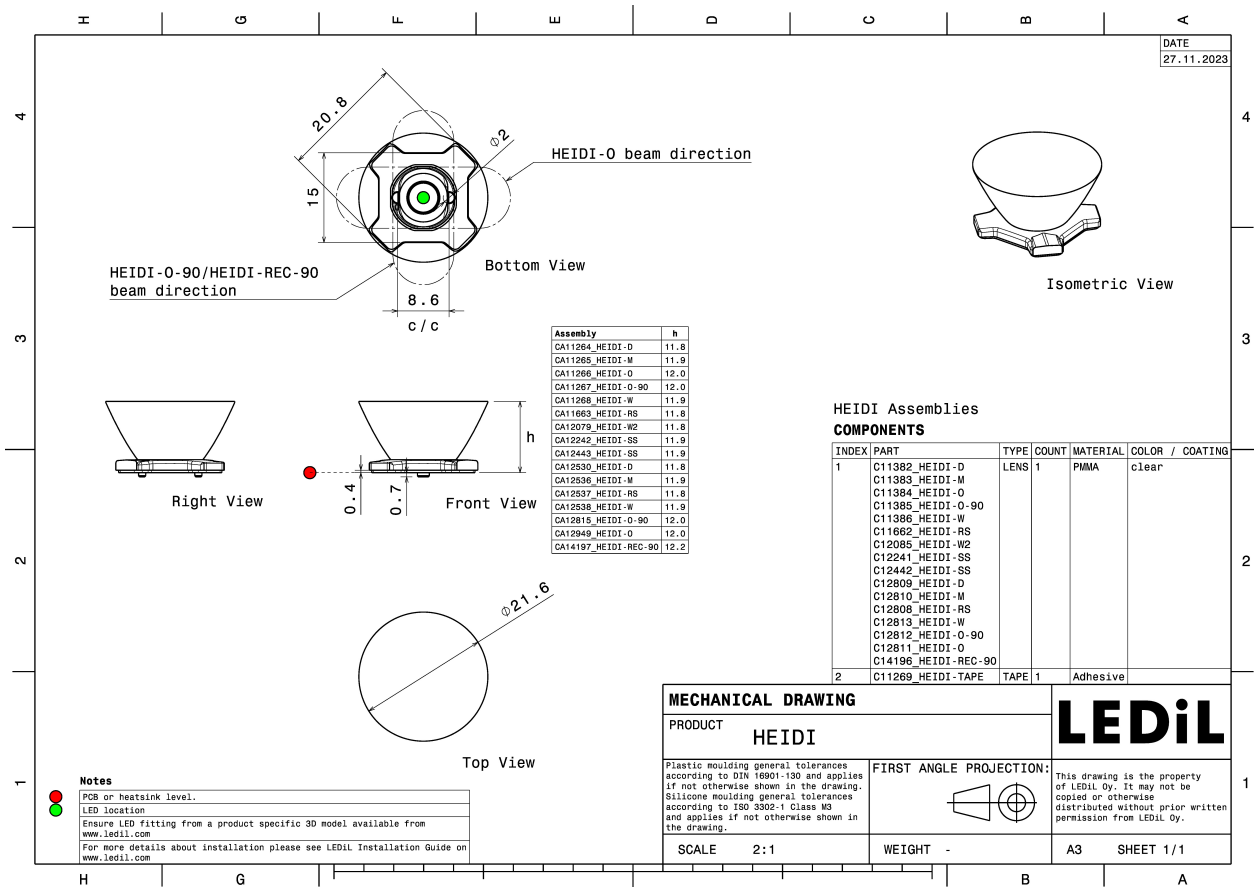


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
HEIDI-SS	Single lens	PMMA	clear		
HEIDI-TAPE	Tape	Acryl tape	black		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12242_HEIDI-SS	Single lens	3264	204	204	11.1
» Box size: 480 x 280 x 300 mm					

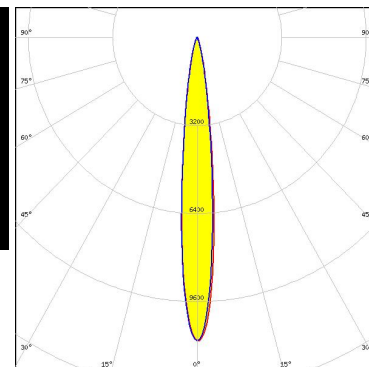


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



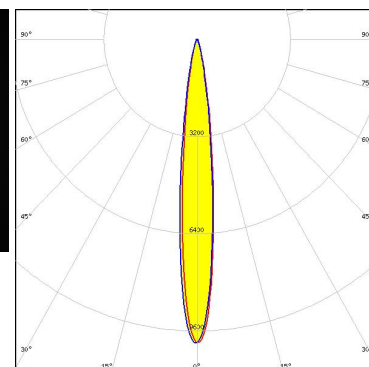
LED XQ-E HD
FWHM / FWTM 12.0° / 27.0°
Efficiency 94 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



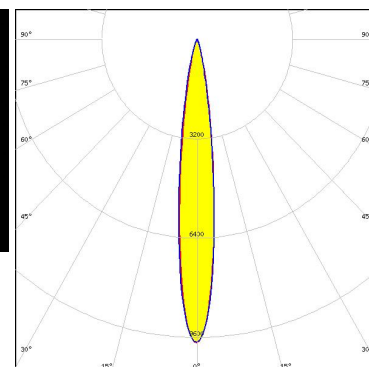
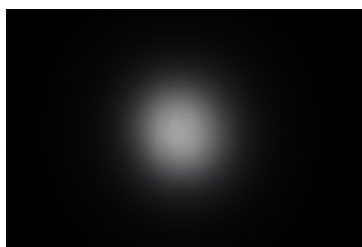
LED XQ-E HI
FWHM / FWTM 12.0° / 28.0°
Efficiency 92 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON C
FWHM / FWTM 13.0° / 28.0°
Efficiency 87 %
Peak intensity 9.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

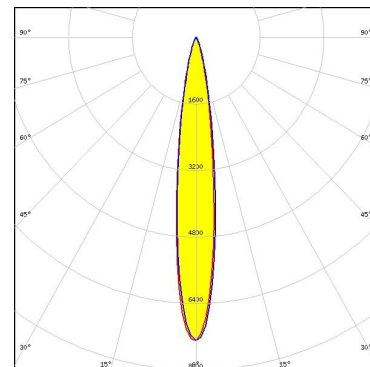


Light distribution files

OPTICAL RESULTS (MEASURED):



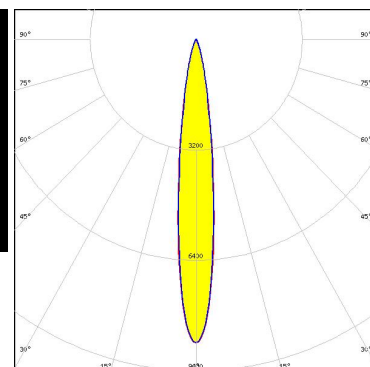
LED LUXEON T
FWHM / FWTM 15.0° / 33.0°
Efficiency 87 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



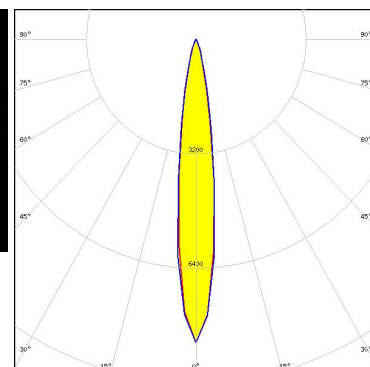
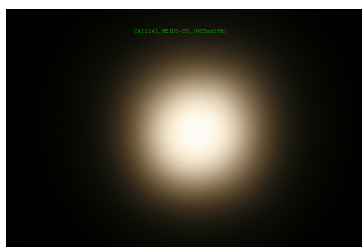
LED NCSxx19A
FWHM / FWTM 14.0° / 31.0°
Efficiency 95 %
Peak intensity 8.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NCSxx19B
FWHM / FWTM 15.0° / 32.0°
Efficiency 86 %
Peak intensity 8.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

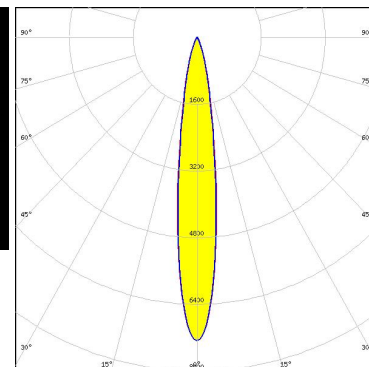


Light distribution files

OPTICAL RESULTS (MEASURED):



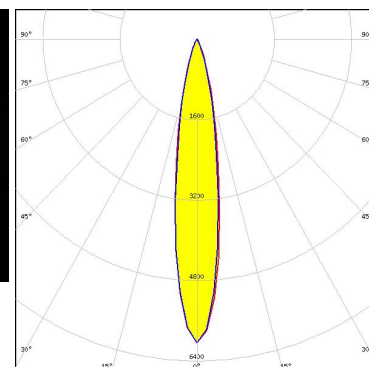
LED NVSxx19A
FWHM / FWTM 15.0° / 34.0°
Efficiency 95 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



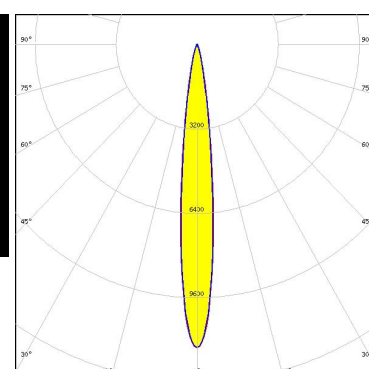
LED NVSxx19B/NVSxx19C
FWHM / FWTM 18.0° / 38.0°
Efficiency 87 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSLON SSL 150
FWHM / FWTM 13.0° / 26.0°
Efficiency 96 %
Peak intensity 11.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

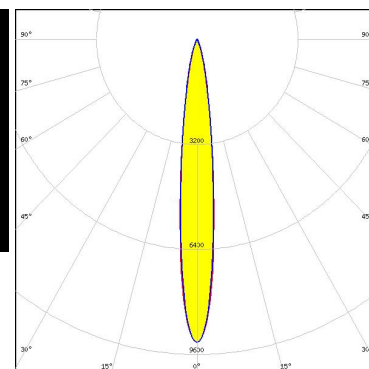


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

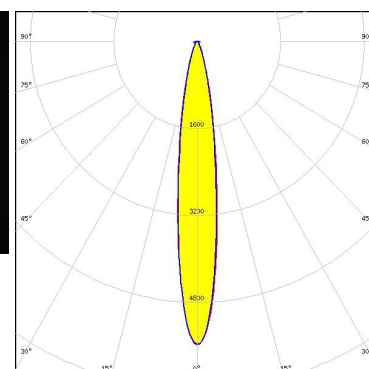
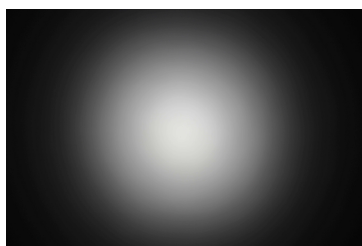
LED OSLON SSL 80
FWHM / FWTM 13.0° / 30.0°
Efficiency 95 %
Peak intensity 9.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

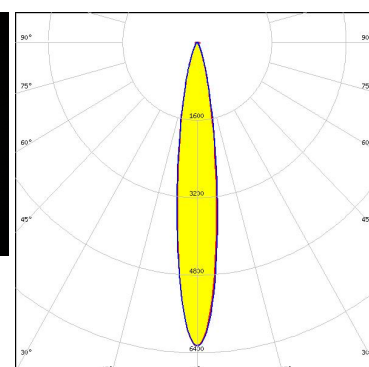
LED LH181A
FWHM / FWTM 15.0° / 36.0°
Efficiency 88 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH181B
FWHM / FWTM 15.0° / 36.0°
Efficiency 93 %
Peak intensity 6.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

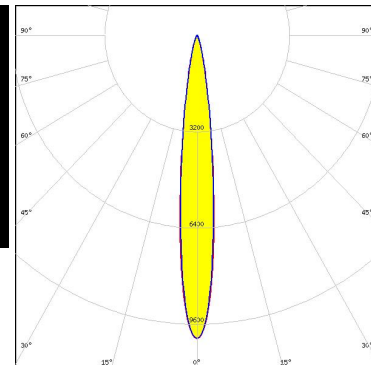


Light distribution files

OPTICAL RESULTS (MEASURED):



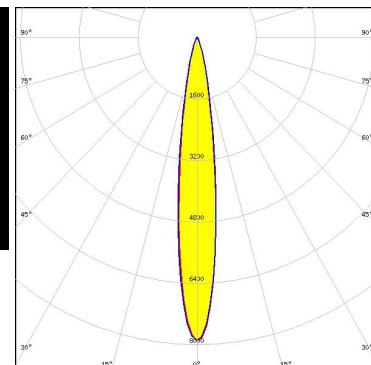
LED Z5
FWHM / FWTM 13.0° / 28.0°
Efficiency 95 %
Peak intensity 10.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Z5M1/Z5M2
FWHM / FWTM 14.0° / 32.0°
Efficiency 91 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

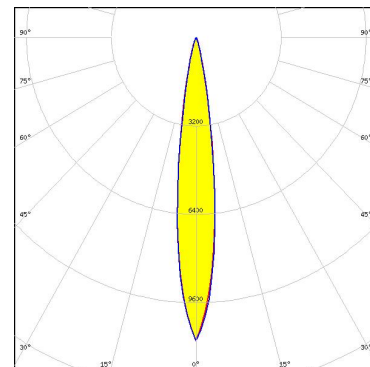


Light distribution files

OPTICAL RESULTS (SIMULATED):



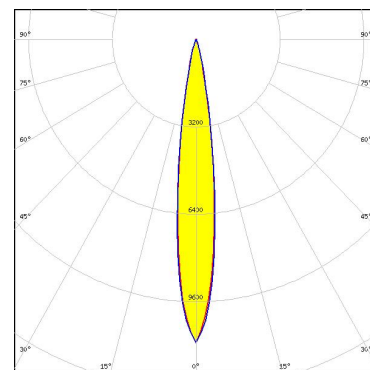
LED LUXEON 3030 HE Plus
FWHM / FWTM 14.0° / 28.0°
Efficiency 95 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



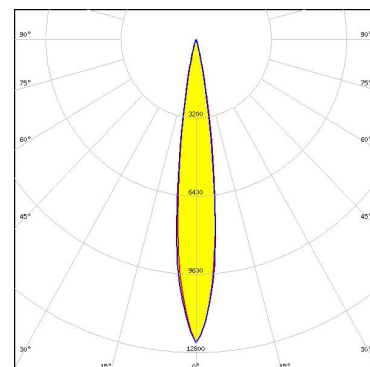
LED LUXEON HL2Z
FWHM / FWTM 14.0° / 28.0°
Efficiency 96 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON SunPlus 20 Line (120 deg)
FWHM / FWTM 14.0° / 26.0°
Efficiency 96 %
Peak intensity 12.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

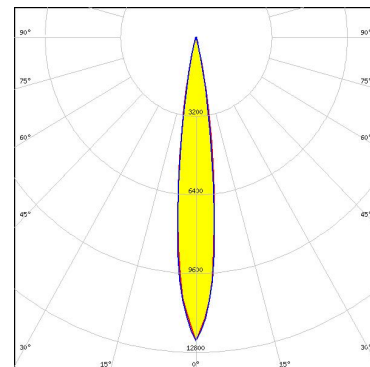


Light distribution files

OPTICAL RESULTS (SIMULATED):



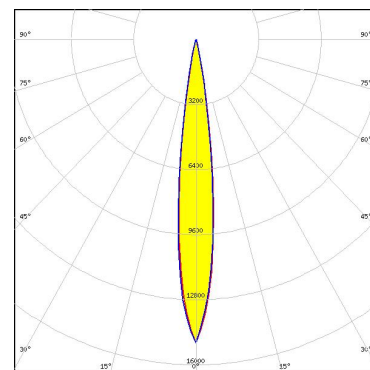
LED LUXEON SunPlus 20 Line (150 deg)
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 92 %
 Peak intensity 12.3 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



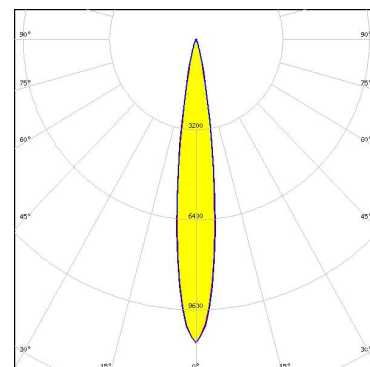
LED LUXEON Z ES
 FWHM / FWTM 13.0° / 24.0°
 Efficiency 94 %
 Peak intensity 14.9 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSxE21A
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 95 %
 Peak intensity 10.8 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:

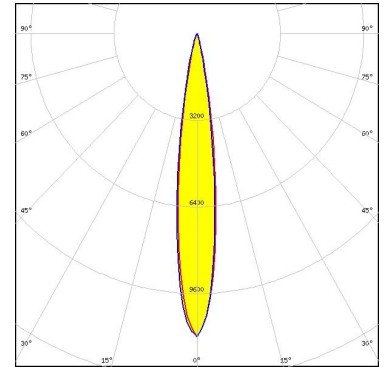


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

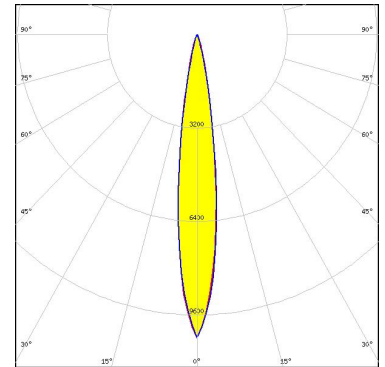
LED OSCONIQ S 3030 (QSLR31)
FWHM / FWTM 15.0° / 28.0°
Efficiency 95 %
Peak intensity 11.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

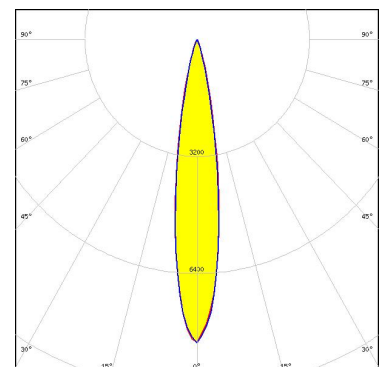
LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 15.0° / 29.0°
Efficiency 95 %
Peak intensity 10.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 17.0° / 33.0°
Efficiency 94 %
Peak intensity 8.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

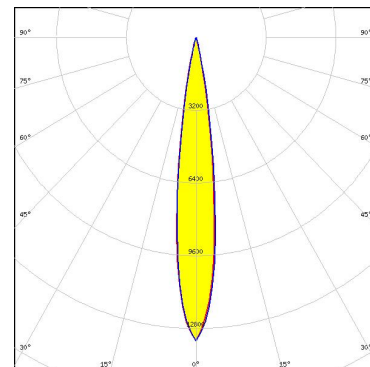


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

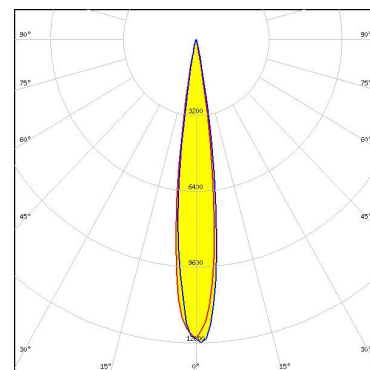
LED OSLON SSL 150
FWHM / FWTM 14.0° / 25.0 + 26.0°
Efficiency 96 %
Peak intensity 13.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

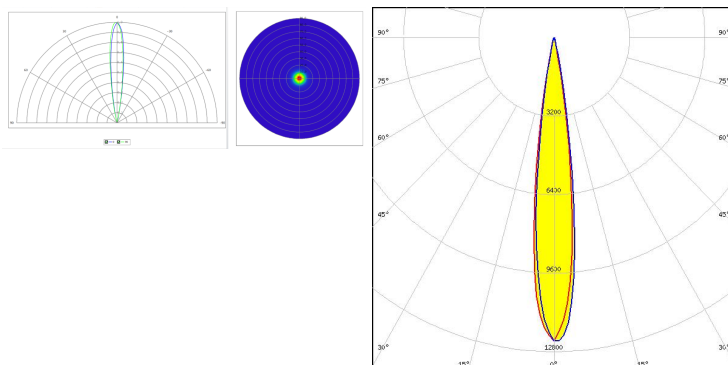
LED SFH 4170S
FWHM / FWTM 15.0° / 23.0°
Efficiency 88 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED SFH 4170S
FWHM / FWTM 14.0° / 24.0°
Efficiency 88 %
LEDs/each optic 1
Light colour/type IR
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.

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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