

IRIS

~10° spot beam with holder optimized for
Luminus SST-50

SPECIFICATION:

Dimensions	Ø 38.0
Height	28.1 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
IRIS	Single lens	PMMA	clear		
IRIS-SST-HLD	Holder	PC	black		

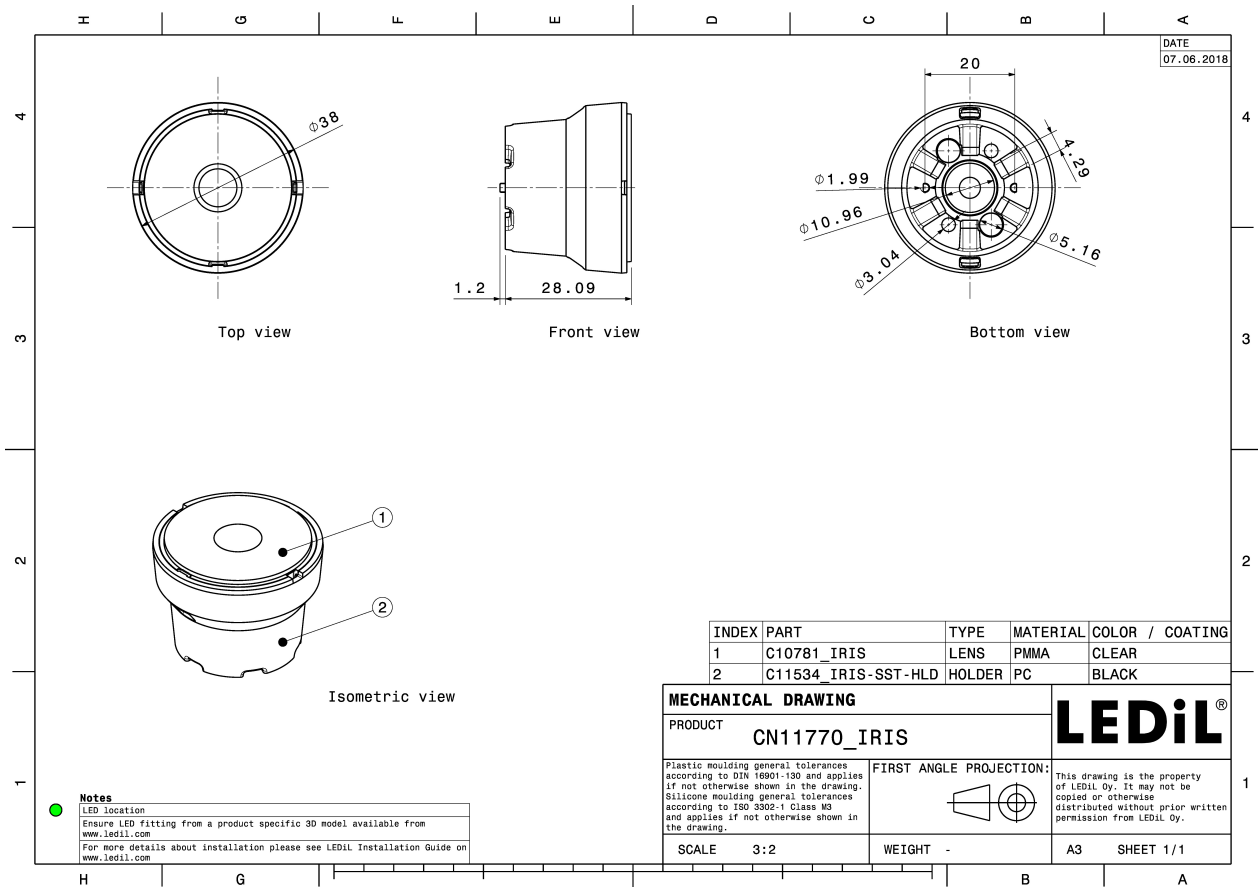
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C10781_IRIS	Single lens	580	116	58	9.0
» Box size: 480 x 280 x 300 mm					
C11534_IRIS-SST-HLD	Holder	1044	116	29	6.8
» Box size: 480 x 280 x 300 mm					

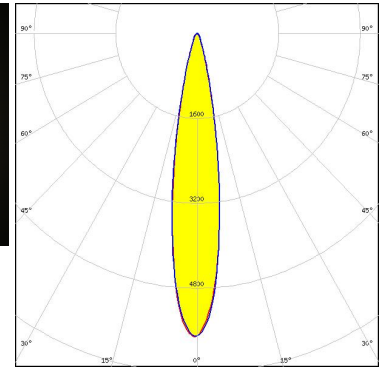
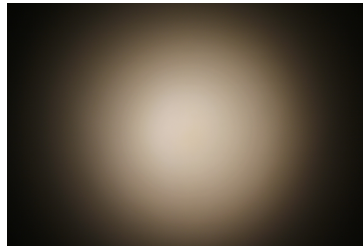


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



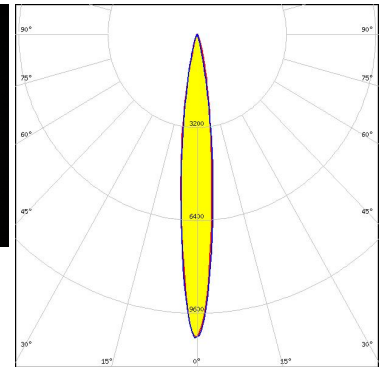
LED MHD-E/G
FWHM / FWTM 18.0° / 36.0°
Efficiency 93 %
Peak intensity 5.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



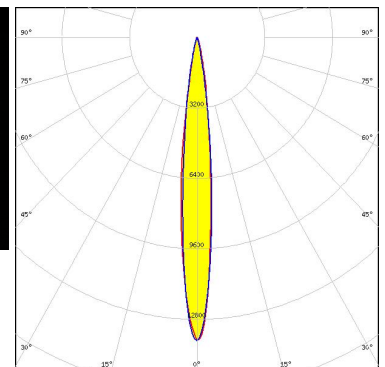
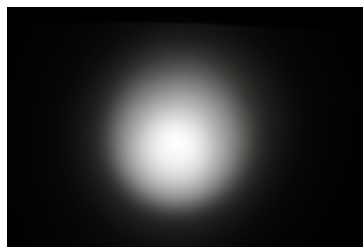
LED XHP35 HD
FWHM / FWTM 12.0° / 28.0°
Efficiency 85 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XHP35 HI
FWHM / FWTM 11.0° / 24.0°
Efficiency 87 %
Peak intensity 14 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

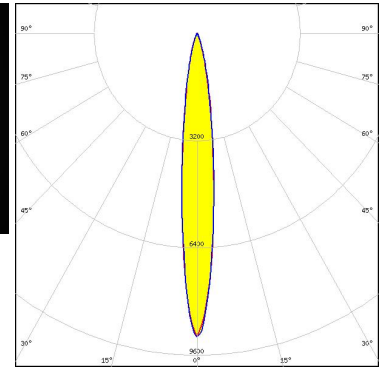


Light distribution files

OPTICAL RESULTS (MEASURED):



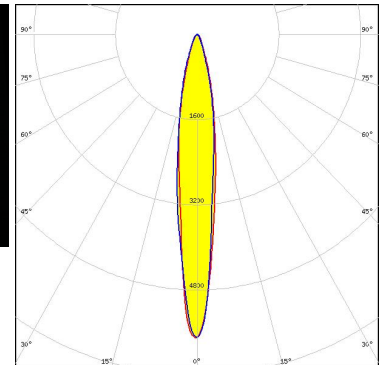
LED XHP50
FWHM / FWTM 13.0° / 30.0°
Efficiency 83 %
Peak intensity 9.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



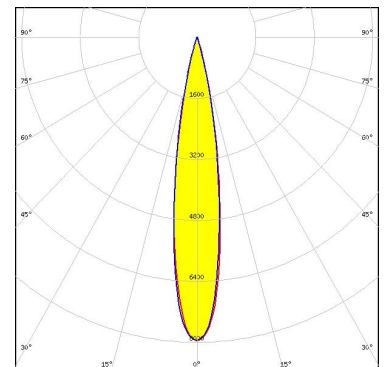
LED XHP70
FWHM / FWTM 14.0° / 39.0°
Efficiency 90 %
Peak intensity 5.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED SST-90
FWHM / FWTM 17.0° / 31.0°
Efficiency 0 %
Peak intensity 6.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

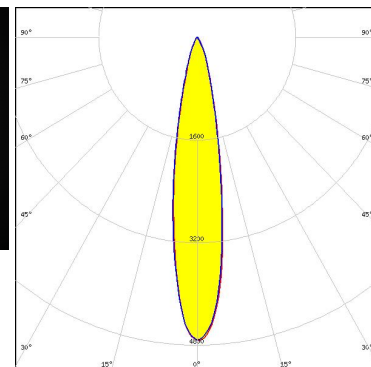


Light distribution files

OPTICAL RESULTS (MEASURED):



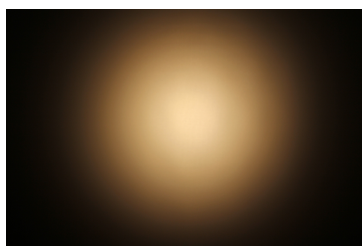
LED NV9W149AM
FWHM / FWTM 19.0° / 40.0°
Efficiency 80 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Duris S10
FWHM / FWTM 15.0° / 35.0°
Efficiency 83 %
Peak intensity 7.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CREE 
LEDs

CREE 
LEDs

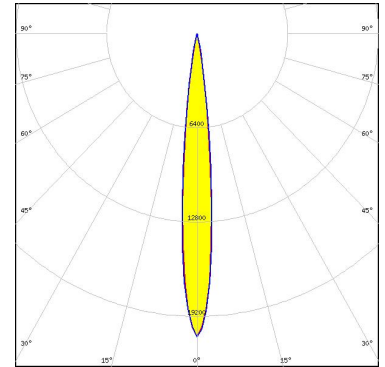
CREE
LEDs

7/10

OPTICAL RESULTS (SIMULATED):



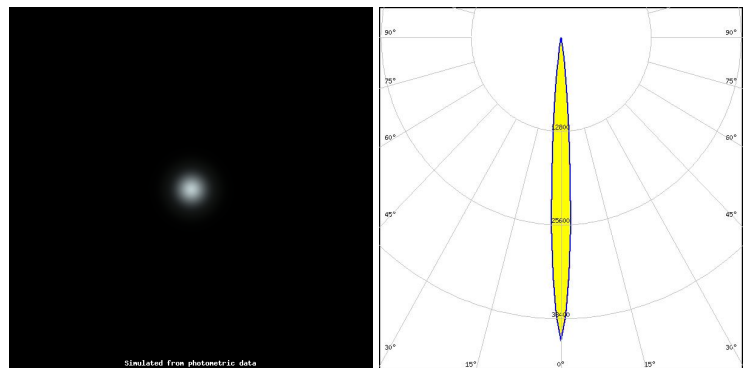
LED SBT-90
FWHM / FWTM 12.0° / 20.0°
Efficiency 93 %
Peak intensity 20.6 cd/m
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files



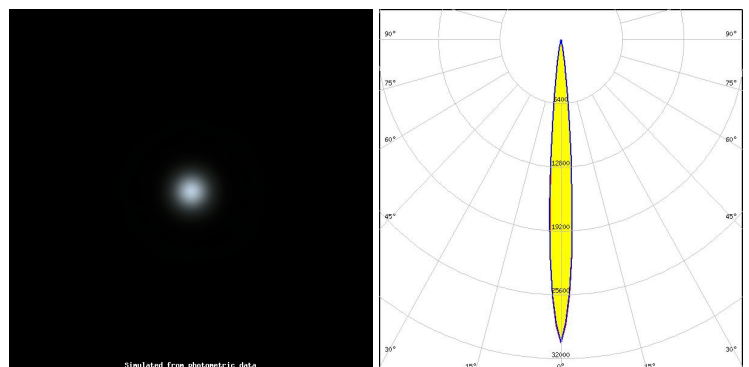
LED SFT-25R-W-A
FWHM / FWTM 8.0° / 14.0°
Efficiency 92 %
Peak intensity 41.4 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED SST-25-W
FWHM / FWTM 8.0° / 16.0°
Efficiency 91 %
Peak intensity 30.4 cd/m
LEDs/each optic 1
Light colour/type White
Required components:

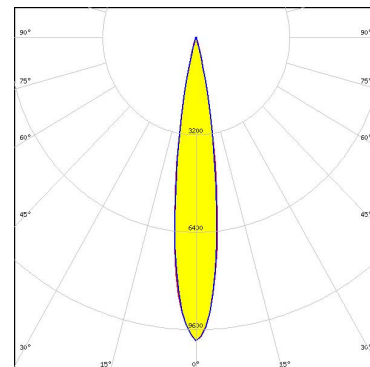


Light distribution files

OPTICAL RESULTS (SIMULATED):



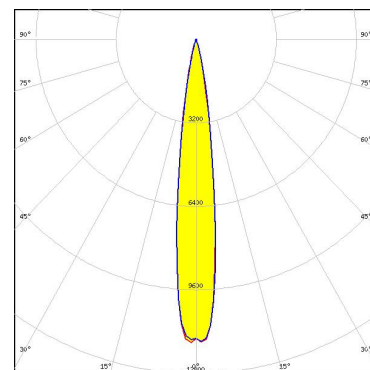
LED SST-90
FWHM / FWTM 16.0° / 28.0°
Efficiency 91 %
Peak intensity 10 cd/Im
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files



LED NV4x144A
FWHM / FWTM 14.0° / 26.0°
Efficiency 91 %
Peak intensity 11.6 cd/Im
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.

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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