CORAL-IP-OW

115 + 6° oval beam

SPECIFICATION:

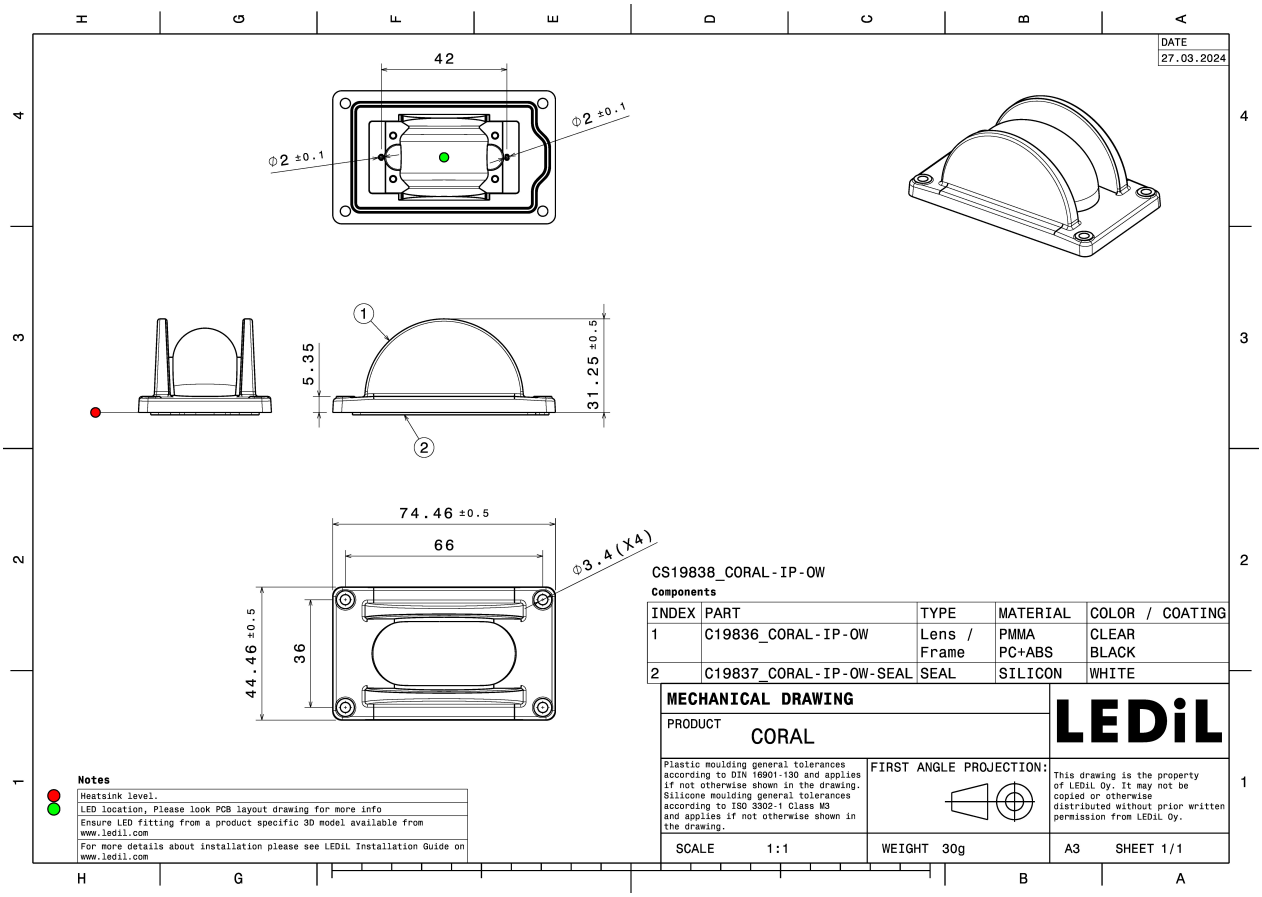
Dimensions	74.5 x 44.5
Height	32 mm
Fastening	pin, screw
Ingress protection classes	IP66,IP67
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
CORAL-IP-OW	Single lens	PC-ABS			
CORAL-IP-OW-SEAL	Seal	Silicone	white		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CS19838_CORAL-IP-OW » Box size: 480 x 280 x 260 mm	180	180	180	6.4

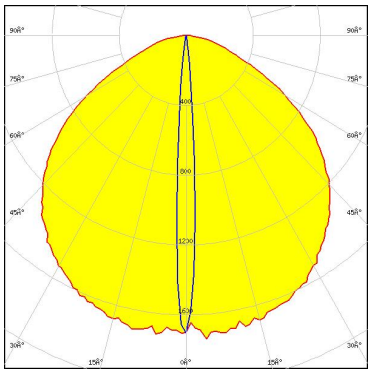


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (SIMULATED):

bridgelux

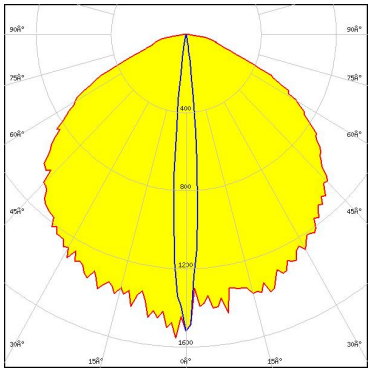
LED	CSP 2727 (BXCP)
FWHM / FWTM	111.0 + 8.0° / 154.0 + 14.0°
Efficiency	53 %
Peak intensity	1.8 cd/lm
LEDs/each optic	6
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

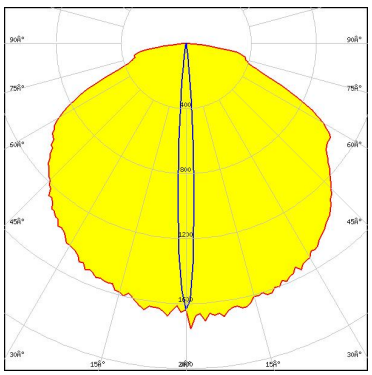
LED	J Series 5050B 6V K Class
FWHM / FWTM	113.0 + 10.0° / 154.0 + 18.0°
Efficiency	53 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XB-D
FWHM / FWTM	122.0 + 6.0° / 164.0 + 14.0°
Efficiency	48 %
Peak intensity	1.8 cd/lm
LEDs/each optic	4
Light colour/type	RGBW
Required components:	

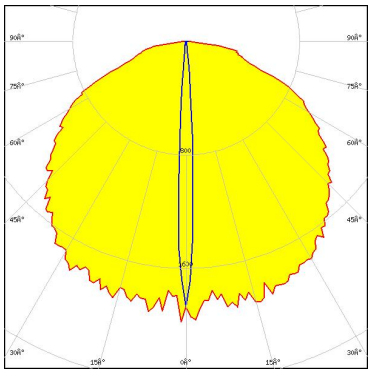


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

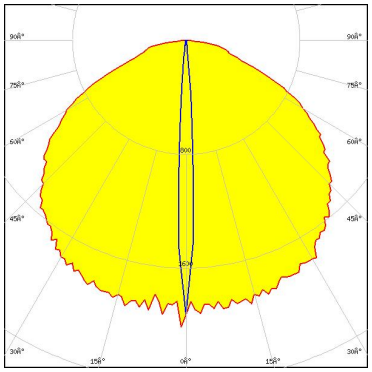
LED	XE-G
FWHM / FWTM	120.0 + 6.0° / 164.0 + 13.0°
Efficiency	52 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

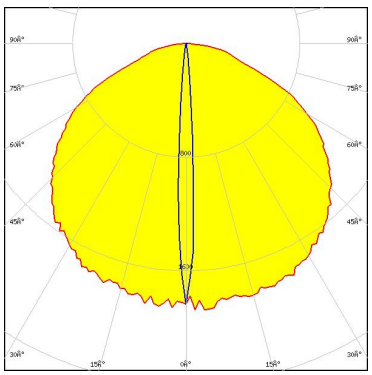
LED	XE-G
FWHM / FWTM	116.0 + 6.0° / 162.0 + 12.0°
Efficiency	53 %
Peak intensity	2.1 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XE-G
FWHM / FWTM	119.0 + 6.0° / 161.0 + 14.0°
Efficiency	52 %
Peak intensity	1.9 cd/lm
LEDs/each optic	4
Light colour/type	RGBW
Required components:	

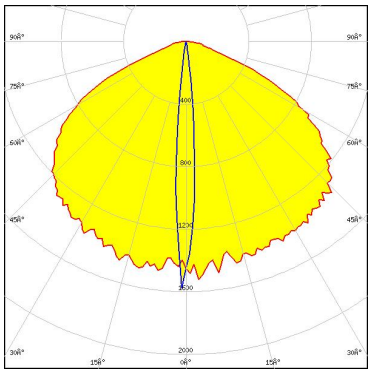


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

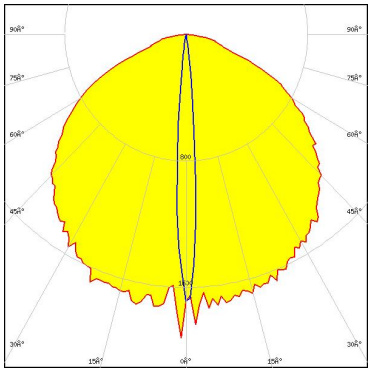
LED	XM-L RGBW (XMLDCL HD)
FWHM / FWTM	123.0 + 9.0° / 145.0 + 16.0°
Efficiency	54 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	RGBW
Required components:	



Light distribution files

CREE LEDs

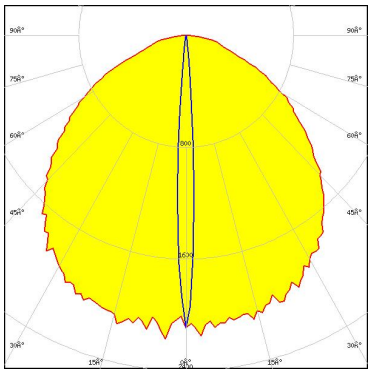
LED	XM-L RGBW (XMLDCL HI)
FWHM / FWTM	110.0 + 8.0° / 153.0 + 15.0°
Efficiency	53 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	RGBW
Required components:	



Light distribution files

CREE LEDs

LED	XP-E2
FWHM / FWTM	107.0 + 6.0° / 158.0 + 13.0°
Efficiency	54 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

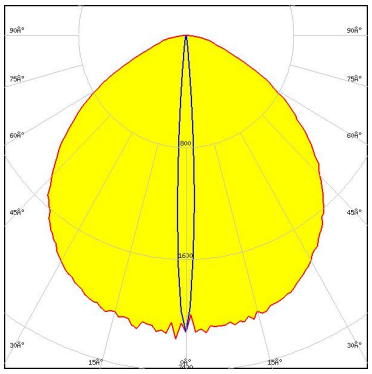


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

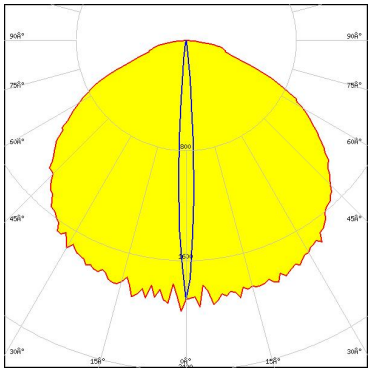
LED	XP-E2
FWHM / FWTM	106.0 + 6.0° / 148.0 + 12.0°
Efficiency	55 %
Peak intensity	2.2 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

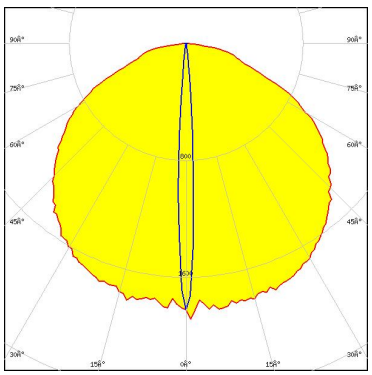
LED	XP-G2
FWHM / FWTM	117.0 + 6.0° / 161.0 + 13.0°
Efficiency	52 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XQ-E HI
FWHM / FWTM	117.0 + 6.0° / 162.0 + 13.0°
Efficiency	51 %
Peak intensity	1.9 cd/lm
LEDs/each optic	4
Light colour/type	RGBW
Required components:	

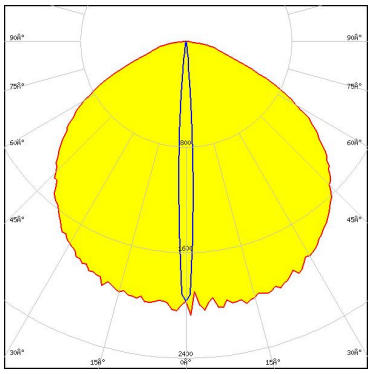


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

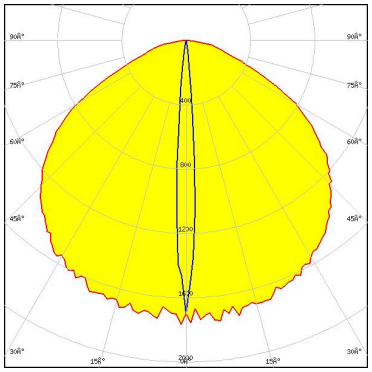
LED	LUXEON CZ
FWHM / FWTM	115.0 + 6.0° / 157.0 + 12.0°
Efficiency	53 %
Peak intensity	2.2 cd/lm
LEDs/each optic	4
Light colour/type	RGBW
Required components:	



Light distribution files

LUMILEDS

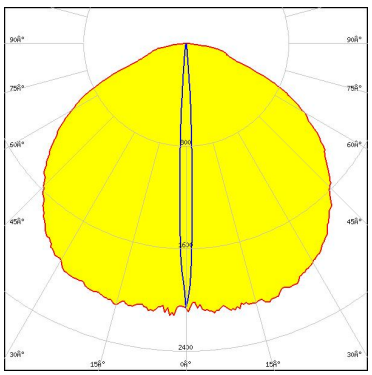
LED	LUXEON HL4Z
FWHM / FWTM	115.0 + 8.0° / 156.0 + 14.0°
Efficiency	53 %
Peak intensity	1.8 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON Rubix
FWHM / FWTM	119.0 + 5.0° / 160.5 + 11.0°
Efficiency	50 %
Peak intensity	2.2 cd/lm
LEDs/each optic	4
Light colour/type	RGBW
Required components:	

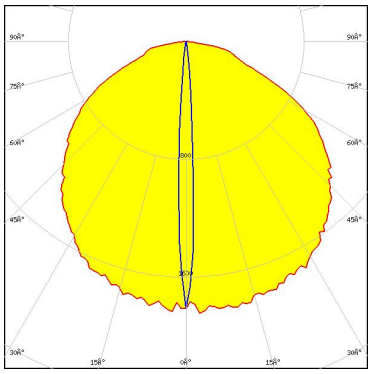


Light distribution files

OPTICAL RESULTS (SIMULATED):

NICHIA

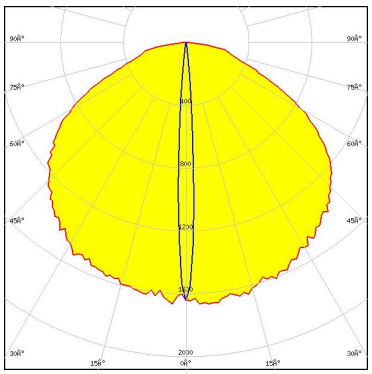
LED	NCSxE17A
FWHM / FWTM	115.0 + 6.0° / 160.0 + 12.0°
Efficiency	49 %
Peak intensity	1.9 cd/lm
LEDs/each optic	4
Light colour/type	RGBW
Required components:	



Light distribution files

NICHIA

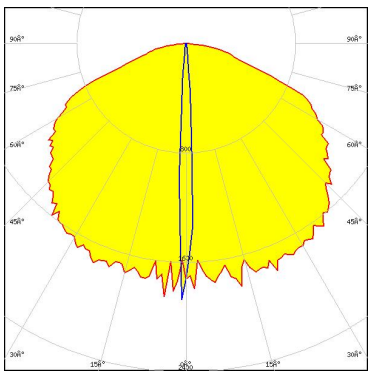
LED	NCSxx19B
FWHM / FWTM	120.0 + 6.0° / 162.0 + 14.0°
Efficiency	50 %
Peak intensity	1.7 cd/lm
LEDs/each optic	4
Light colour/type	RGBW
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	131.0 + 6.0° / 162.0 + 12.0°
Efficiency	51 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

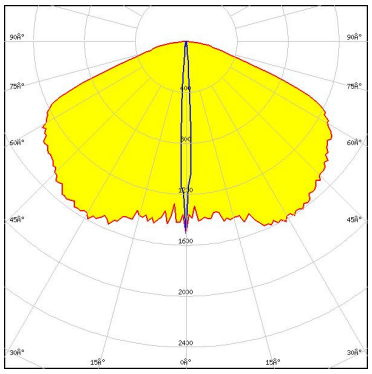


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

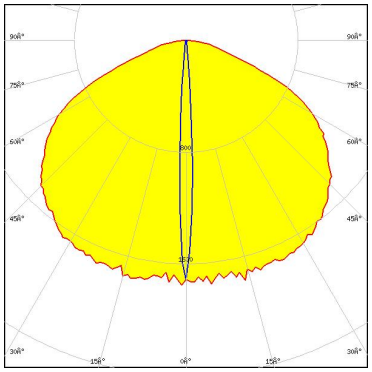
LED	OSLON SSL 150
FWHM / FWTM	137.0 + 6.0° / 161.0 + 12.0°
Efficiency	49 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

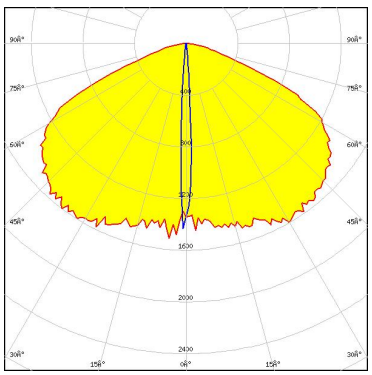
LED	OSLON SSL 150
FWHM / FWTM	126.0 + 6.0° / 159.0 + 12.0°
Efficiency	52 %
Peak intensity	1.9 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	133.0 + 6.0° / 157.0 + 12.0°
Efficiency	51 %
Peak intensity	1.6 cd/lm
LEDs/each optic	4
Light colour/type	Red
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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