

FLARE-B

29 x 23 mm lens with ~100° x 10° oval beam

SPECIFICATION:

Dimensions	29.0 x 23.0 mm
Height	12.7 mm
Fastening	glue, screw
ROHS compliant	yes ⓘ

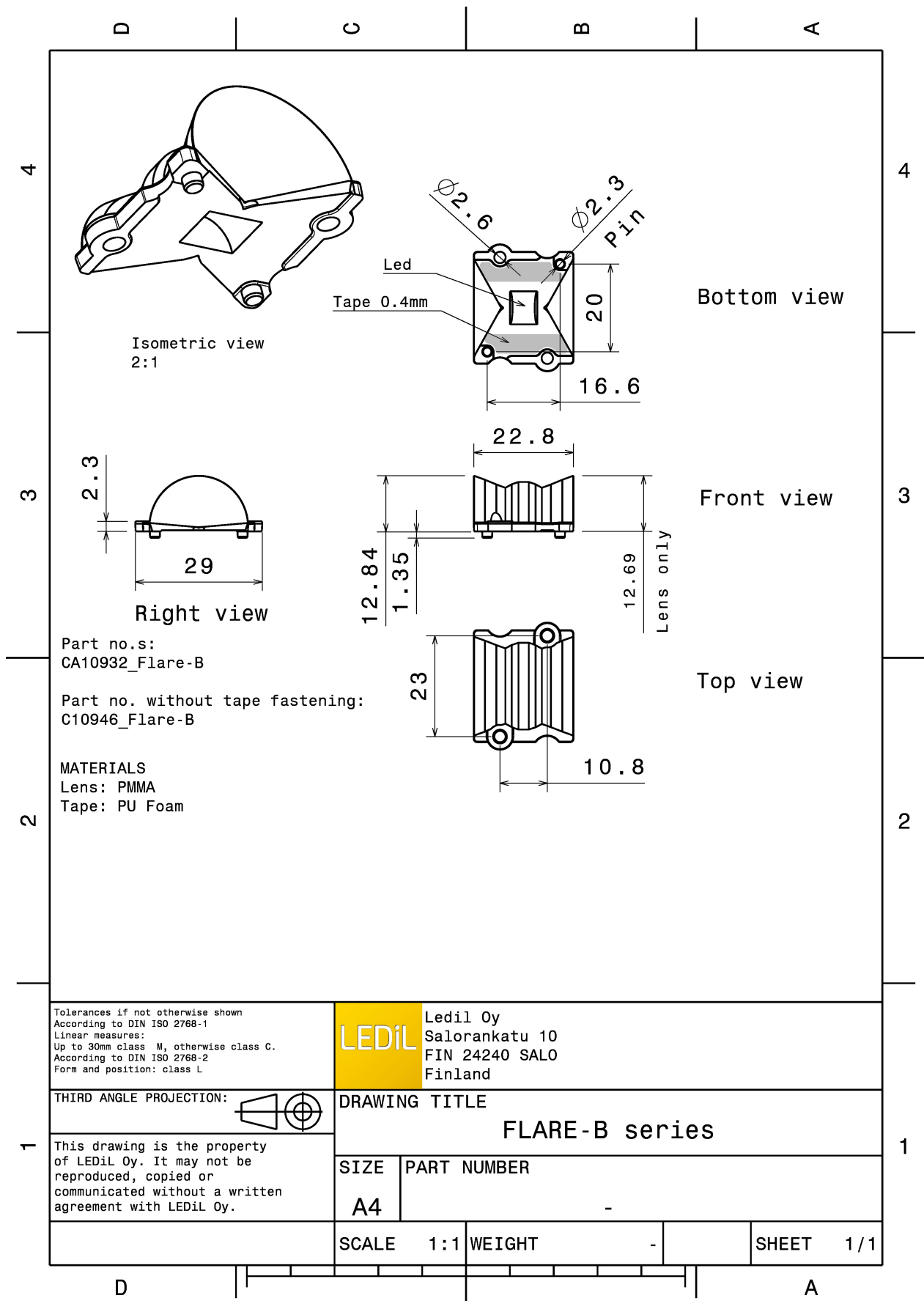
MATERIALS:

Component	Type	Material	Colour	Finish
FLARE-B	Single lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10946_FLARE-B » Box size: 460 x 250 x 300 mm	1792	224	224	8.6



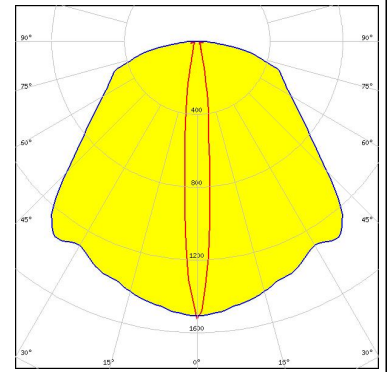


See also our general installation guide: www.ledil.com/installation_guide

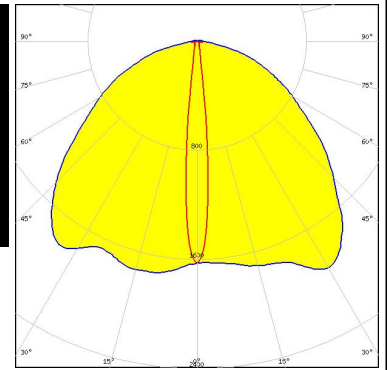
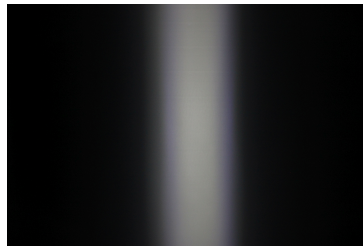
OPTICAL RESULTS (MEASURED):



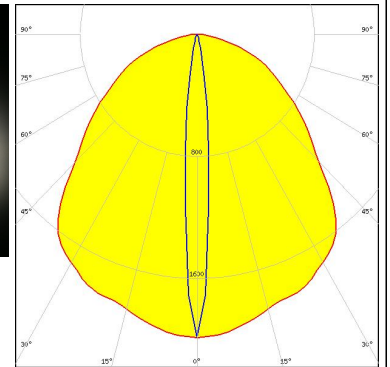
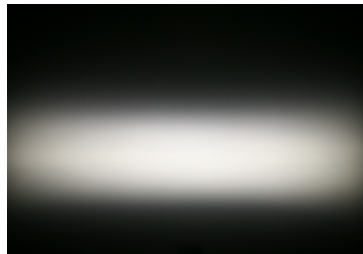
LED XB-D
FWHM / FWTM 10.0 + 108.0° / 30.0 + 167.0°
Efficiency 93 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



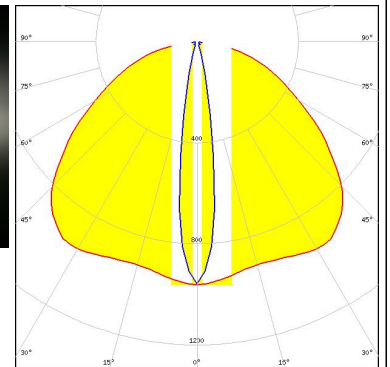
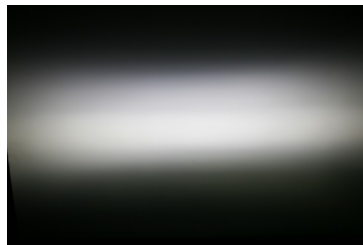
LED XD16
FWHM / FWTM 11.0 + 111.0° / 21.0 + 156.0°
Efficiency 97 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E
FWHM / FWTM 12.0 + 96.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:



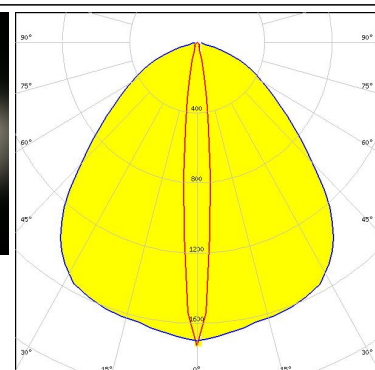
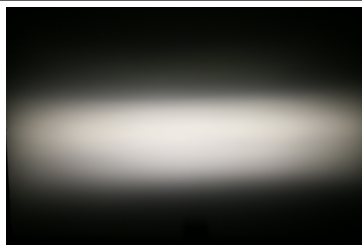
LED XP-G
FWHM / FWTM 14.0 + 112.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:



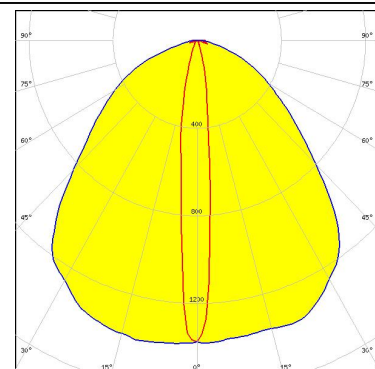
OPTICAL RESULTS (MEASURED):



LED LUXEON Rebel
FWHM / FWTM 11.0 + 93.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:



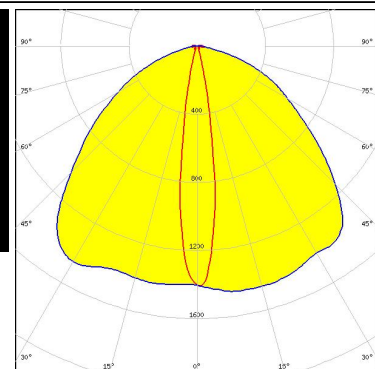
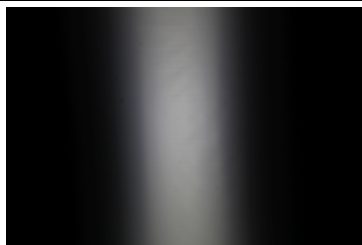
LED LUXEON Rebel ES
FWHM / FWTM 12.0 + 104.0° / 35.0 + 154.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxx19A
FWHM / FWTM 9.0 + 88.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:



LED NVSW219F
FWHM / FWTM 16.0 + 111.0° / 29.0 + 151.0°
Efficiency 94 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

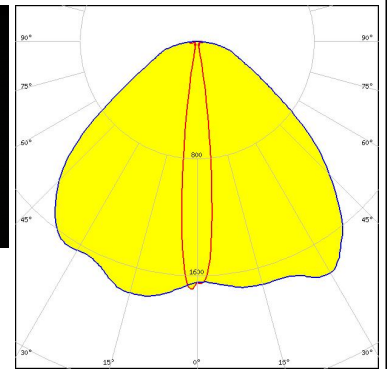
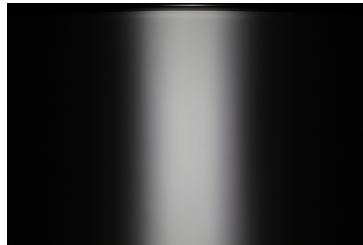


OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

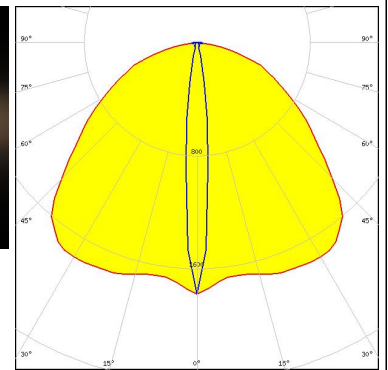
LED OSLON Square EC
FWHM / FWTM 13.0 + 107.0° / 23.0 + 158.0°
Efficiency 94 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

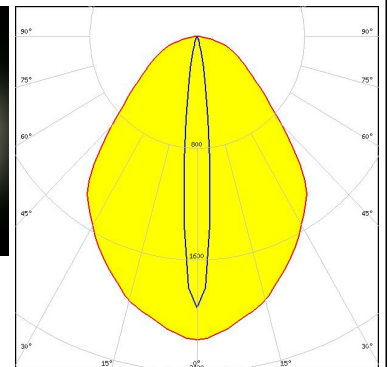
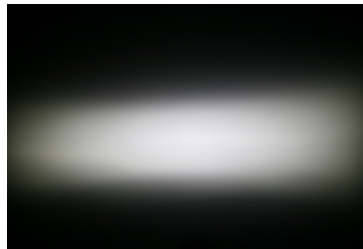
LED OSLON SSL 150
FWHM / FWTM 9.0 + 117.0°
Efficiency 93 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

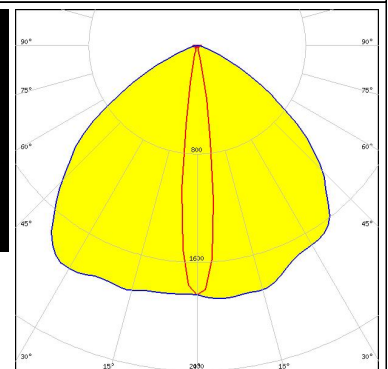
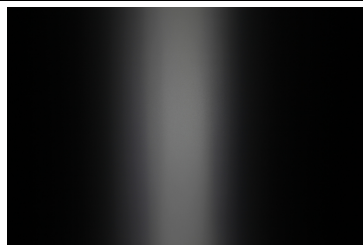
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 9.0 + 88.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:

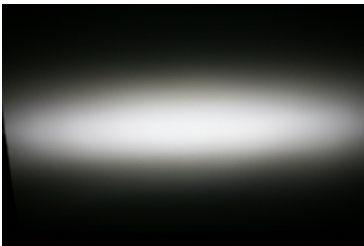


SAMSUNG

LED LH351Z
FWHM / FWTM 14.0 + 106.0° / 24.0 + 134.0°
Efficiency 94 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



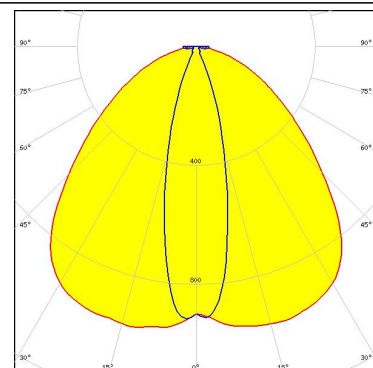
OPTICAL RESULTS (MEASURED):

 SEOUL SEMICONDUCTOR	
LED	Z5
FWHM / FWTM	12.0 + 96.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	
	
LED	Double Dome (GM2BB)
FWHM / FWTM	11.0 + 104.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	
	

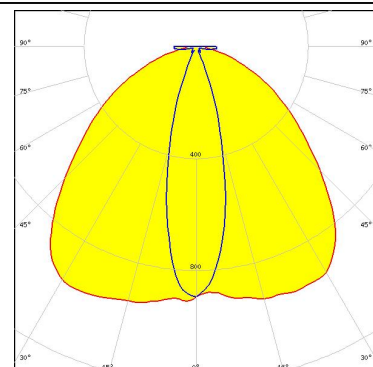
OPTICAL RESULTS (SIMULATED):



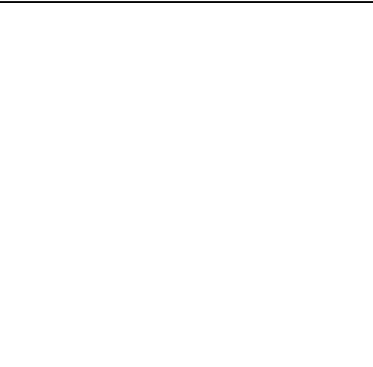
LED MHB-A/B
FWHM / FWTM 26.0 + 100.0° / 48.0 + 150.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



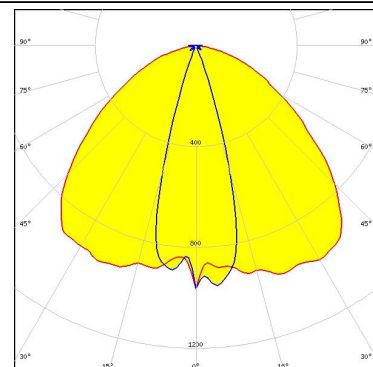
LED XHP50.3 HD
FWHM / FWTM 104.0 + 26.0° / 151.0 + 112.0°
Efficiency 95 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E2
FWHM / FWTM 18.0 + 108.0° / 32.0 + 155.0°
Efficiency 94 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2
FWHM / FWTM 110.0 + 30.0° / 151.0 + 41.0°
Efficiency 96 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



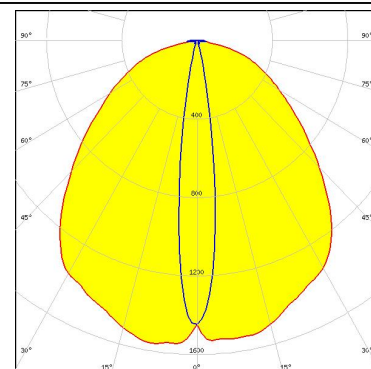
OPTICAL RESULTS (SIMULATED):



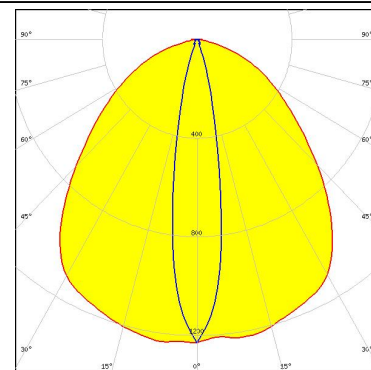
LED	XP-G2 HE
FWHM / FWTM	16.0 + 99.0° / 29.0 + 150.0°
Efficiency	95 %
Peak intensity	15.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



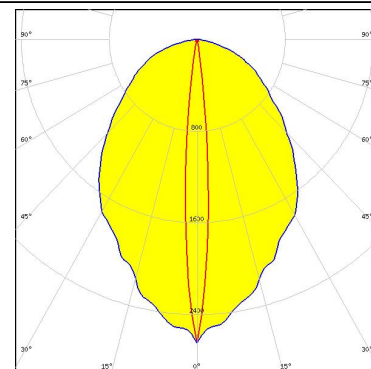
LED	XP-G3
FWHM / FWTM	99.0 + 14.0° / 154.0 + 28.0°
Efficiency	96 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	Duris S8
FWHM / FWTM	19.0 + 97.0° / 37.0 + 148.0°
Efficiency	94 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	OSLON Signal
FWHM / FWTM	9.0 + 82.0° / 18.0 + 150.0°
Efficiency	97 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

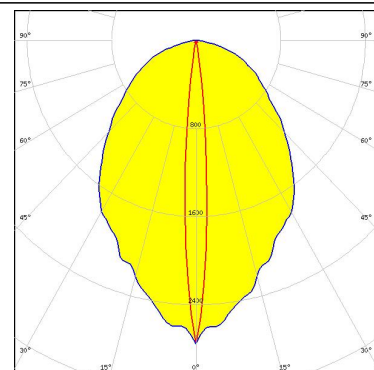


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

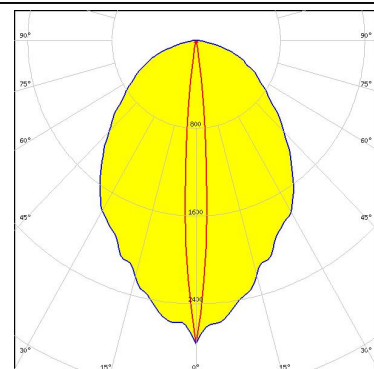
LED OSLON Signal
FWHM / FWTM 8.0 + 80.0° / 18.0 + 149.0°
Efficiency 97 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED OSLON Signal
FWHM / FWTM 8.0 + 80.0° / 18.0 + 149.0°
Efficiency 97 %
Peak intensity 2.8 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:

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