

EMILY-W

~40° wide beam 14.74 mm high lens.

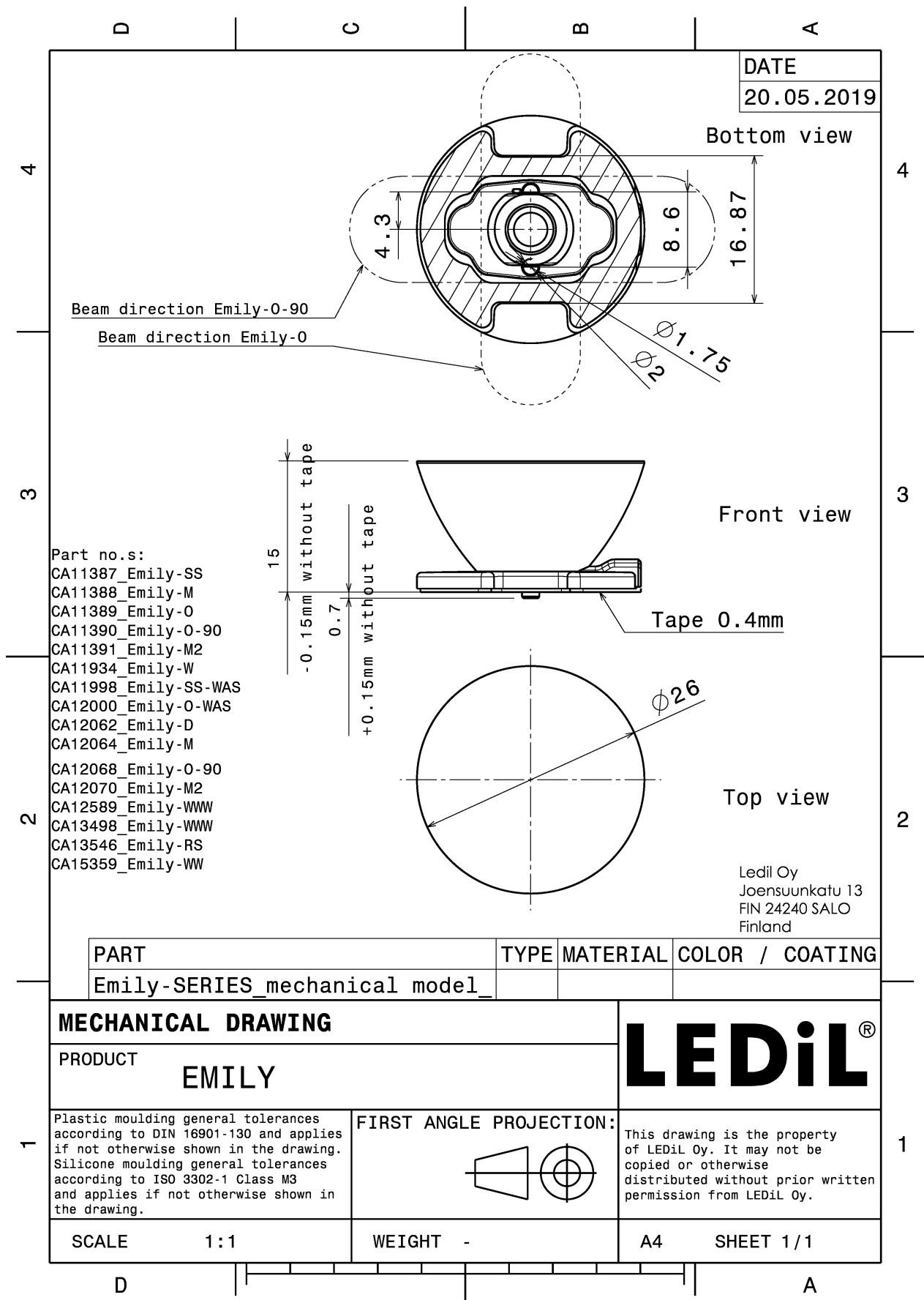
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	14.7 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	11.8 kg
Quantity in Box	1690 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

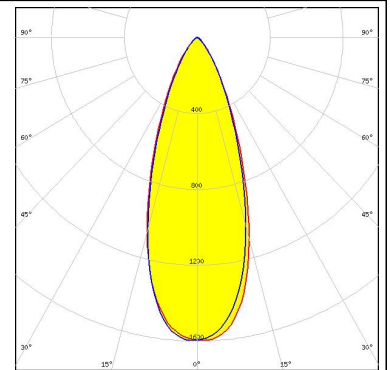
Component	Type	Material	Colour
EMILY-W	Single lens	PMMA	clear
SPUTNIK-TAPE	Tape	PU tape	black



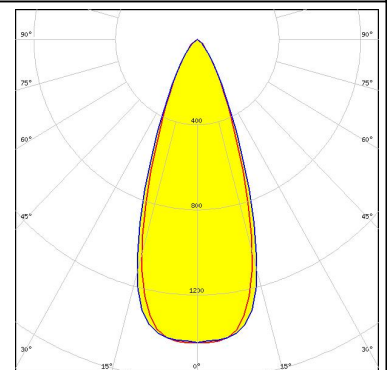
PHOTOMETRIC DATA (MEASURED):



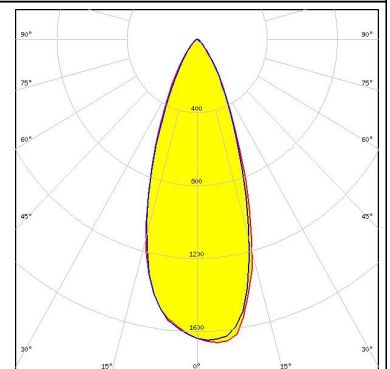
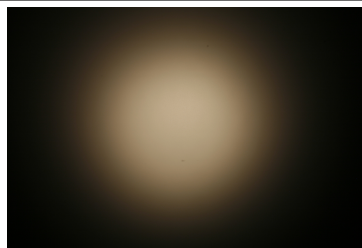
LED XHP35 HD
 FWHM 39.0°
 Efficiency 83 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



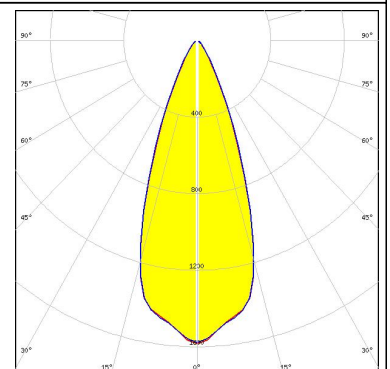
LED XM-L
 FWHM 36.0°
 Efficiency 86 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XM-L2
 FWHM 39.0°
 Efficiency 86 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



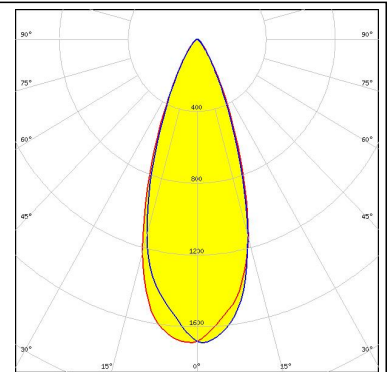
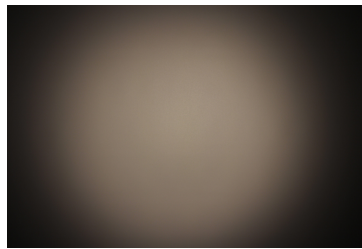
LED XP-E
 FWHM 39.0°
 Efficiency 86 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



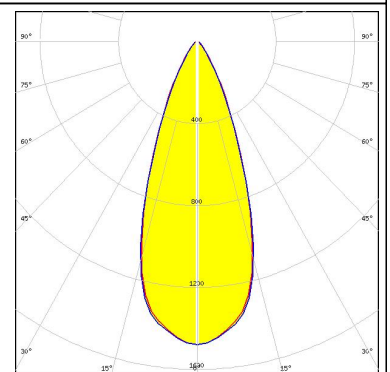
PHOTOMETRIC DATA (MEASURED):



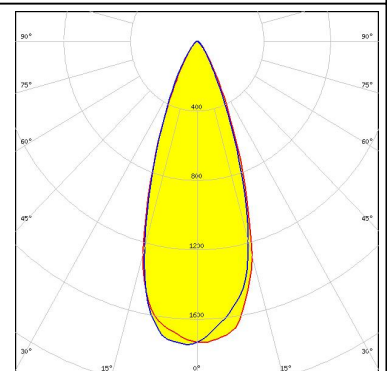
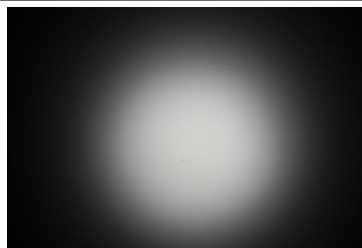
LED XP-E2
 FWHM 39.0°
 Efficiency 84 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



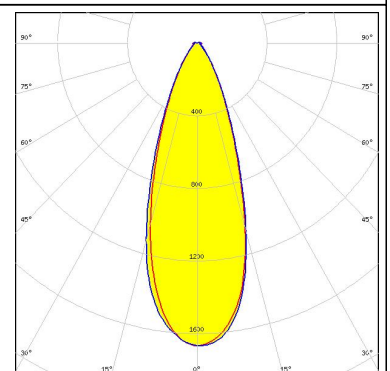
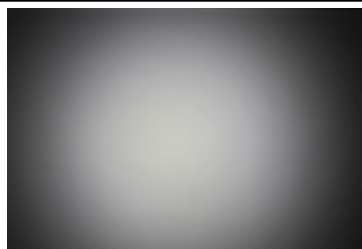
LED XP-G
 FWHM 40.0°
 Efficiency 86 %
 Peak intensity 1.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G2
 FWHM 38.0°
 Efficiency 84 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



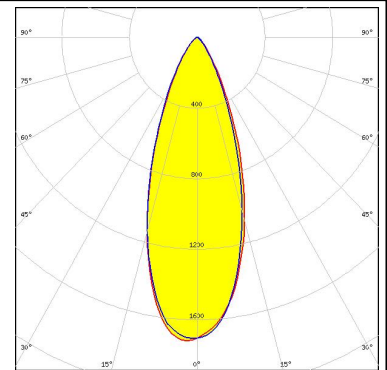
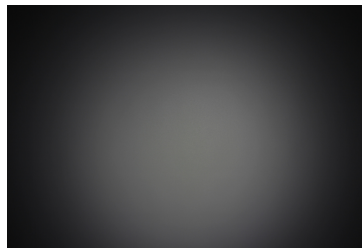
LED XP-G3
 FWHM 36.0°
 Efficiency 92 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

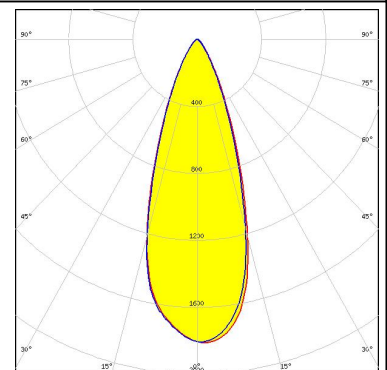
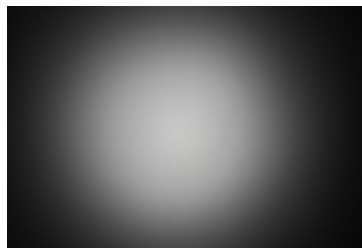
CREE

LED XP-L HD
FWHM 38.0°
Efficiency 87 %
Peak intensity 1.710 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

LED XP-L HI
FWHM 36.0°
Efficiency 86 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

LED XT-E
FWHM 36.0°
Efficiency %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON A
FWHM 40.0°
Efficiency 84 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel
FWHM 40.0°
Efficiency 86 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

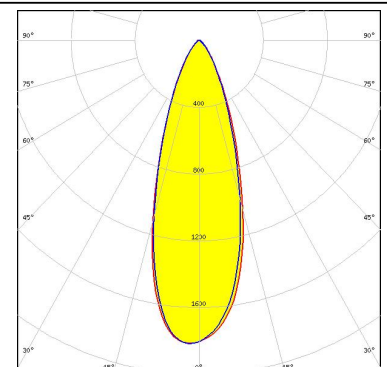
LED LUXEON Rebel ES
FWHM 40.0°
Efficiency 88 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

NICHIA



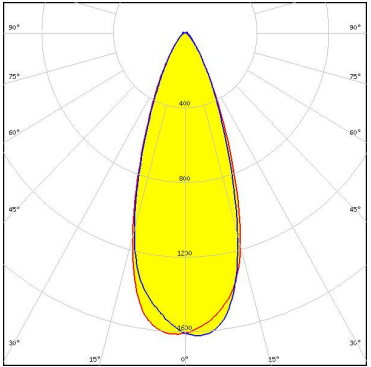



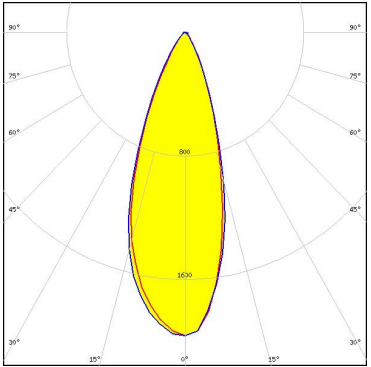

LED NCSxx19A
FWHM 40.0°
Efficiency 86 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

NICHIA

LED NS9x383
FWHM 34.0°
Efficiency 84 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



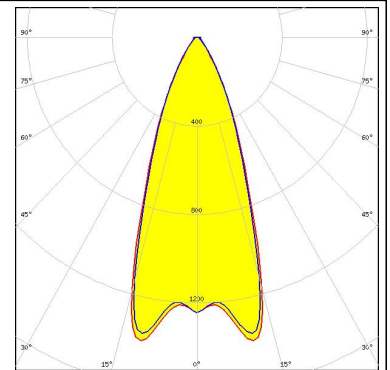
PHOTOMETRIC DATA (MEASURED):

 LED NVSW219F FWHM 38.0° Efficiency 91 % Peak intensity 1.600 cd/lm LEDs/each optic 1 Light colour White Required components:		
 LED NVSxx19A FWHM 40.0° Efficiency 86 % Peak intensity cd/lm LEDs/each optic 1 Light colour White Required components:		
 Opto Semiconductors LED OSLOM Square EC FWHM 38.0° Efficiency 84 % Peak intensity 1.860 cd/lm LEDs/each optic 1 Light colour White Required components:		
 Opto Semiconductors LED OSLOM SSL 150 FWHM 40.0° Efficiency 86 % Peak intensity cd/lm LEDs/each optic 1 Light colour White Required components:		

PHOTOMETRIC DATA (MEASURED):

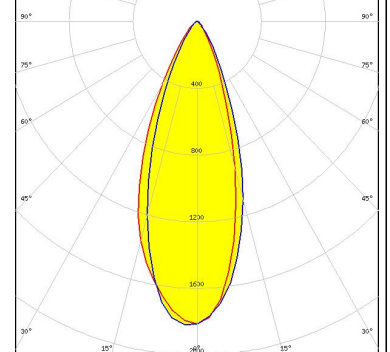
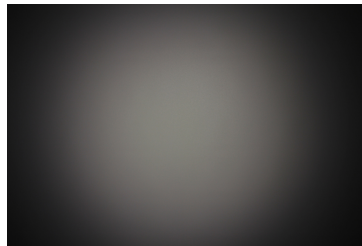
OSRAM
Opto Semiconductors

LED OSLON SSL 80
 FWHM 40.0°
 Efficiency 86 %
 Peak intensity 1.250 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



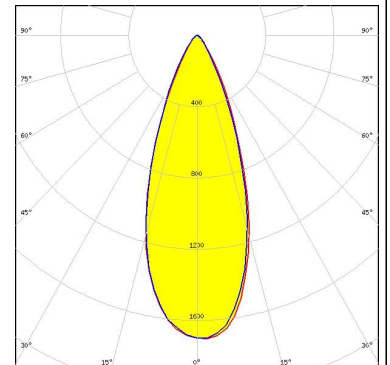
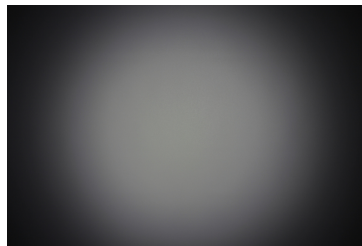
SAMSUNG

LED LH351B
 FWHM 38.0°
 Efficiency 88 %
 Peak intensity 1.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LH351Z
 FWHM 39.0°
 Efficiency 85 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



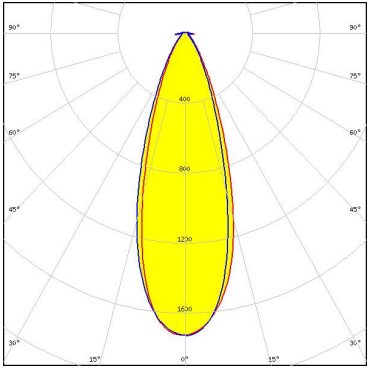


SEOL

SEOUL SEMICONDUCTOR

LED Z5
 FWHM 40.0°
 Efficiency 86 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

PHOTOMETRIC DATA (MEASURED):

 SEOUL SEMICONDUCTOR			
LED	Z8Y22P		
FWHM	34.0°		
Efficiency	89 %		
Peak intensity	1.700 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			
			
SHARP			
LED	Double Dome (GM2BB)		
FWHM	40.0°		
Efficiency	86 %		
Peak intensity	cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			

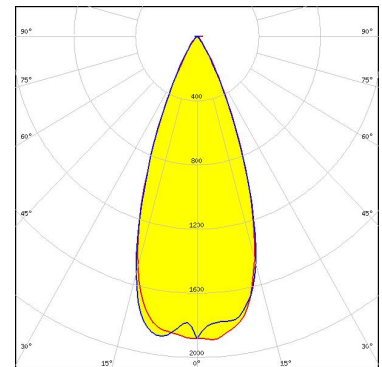
PHOTOMETRIC DATA (SIMULATED):



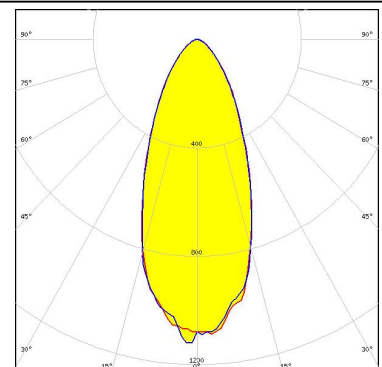
LED XM-L HVW
 FWHM 36.0°
 Efficiency %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



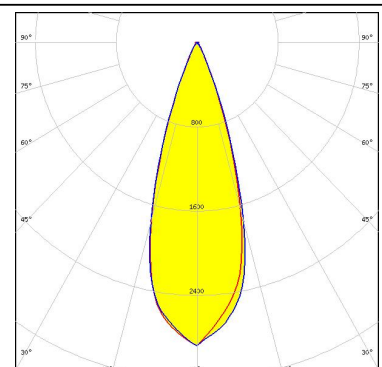
LED XP-G2 HE
 FWHM 41.0°
 Efficiency 96 %
 Peak intensity 1.894 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NCSxx19B
 FWHM 45.0°
 Efficiency 86 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



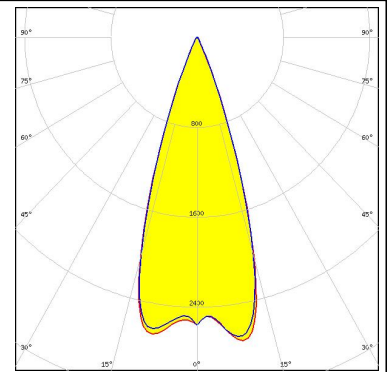
LED OSCONIQ P 3030
 FWHM 33.0°
 Efficiency 97 %
 Peak intensity 2.880 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

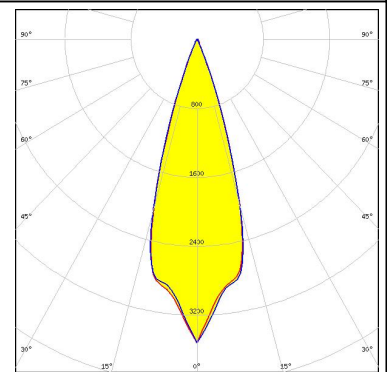
OSRAM Opto Semiconductors

LED OSLON Black
FWHM 36.0°
Efficiency 94 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM Opto Semiconductors

LED OSLON Black Flat
FWHM 32.0°
Efficiency 94 %
Peak intensity 3.500 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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
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