

OLGA-S

~11° spot beam beam. Assembly with holder and installation tape.

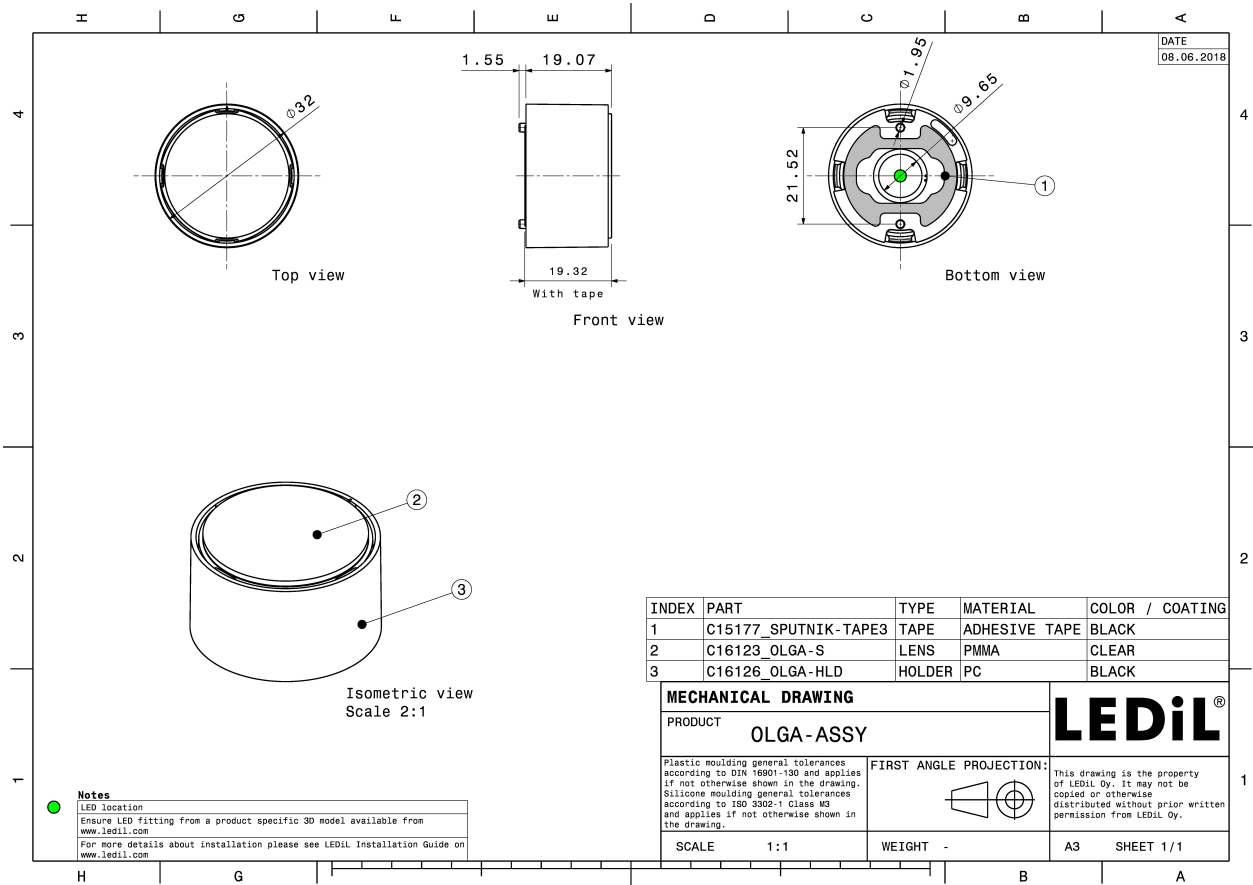
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 32.0 mm
Height	19.1 mm
Fastening	tape, pin
Colour	black
Box size	476 x 273 x 292 mm
Box weight	9.8 kg
Quantity in Box	792 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

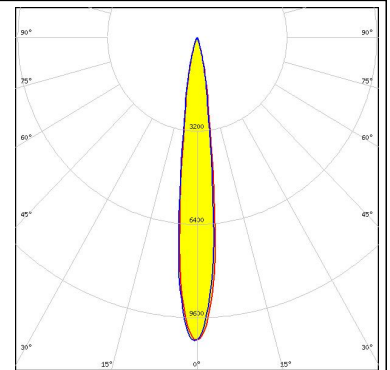
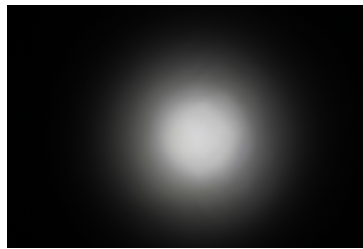
Component	Type	Material	Colour
OLGA-S	Lens	PMMA	clear
OLGA-HLD	Holder	PC	black
SPUTNIK-TAPE3	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

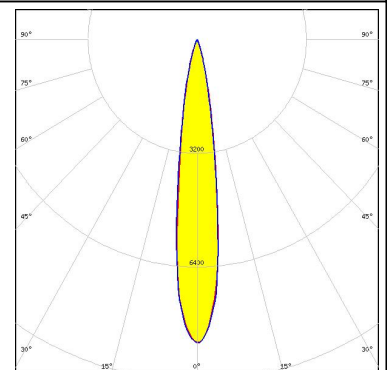
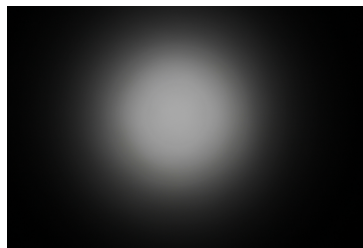
CREE 

LED XD16
FWHM 13.0°
Efficiency 82 %
Peak intensity 10.400 cd/lm
Required components:



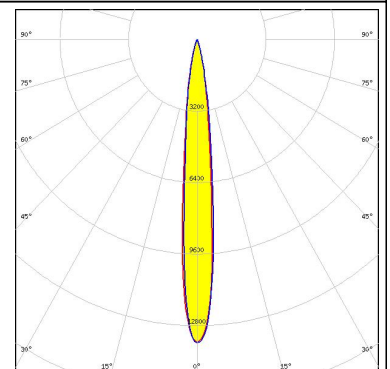
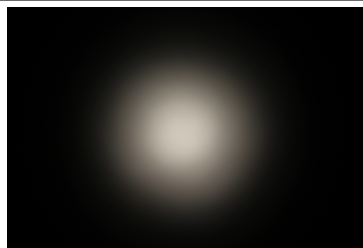
CREE 

LED XHP35 HI
FWHM 15.0°
Efficiency 87 %
Peak intensity 8.500 cd/lm
Required components:



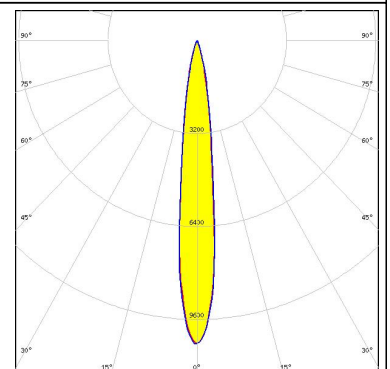
CREE 

LED XP-E2
FWHM 11.0°
Efficiency 89 %
Peak intensity 13.600 cd/lm
Required components:



CREE 

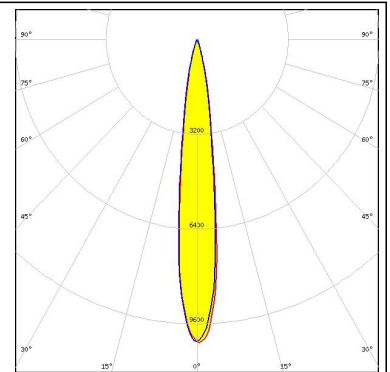
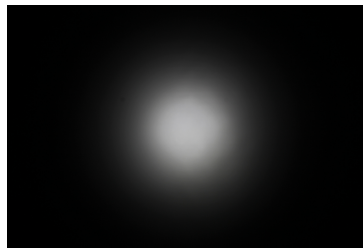
LED XP-G2
FWHM 13.0°
Efficiency 87 %
Peak intensity 10.000 cd/lm
Required components:



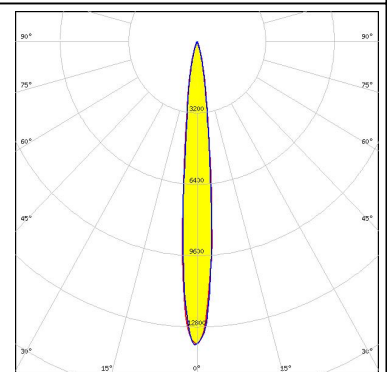
PHOTOMETRIC DATA (MEASURED):



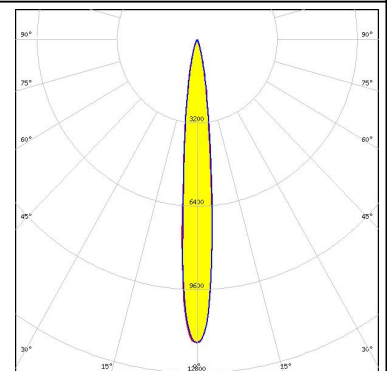
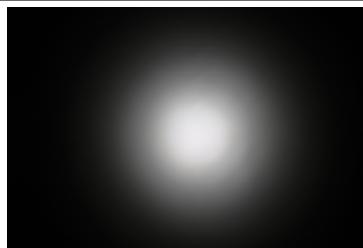
LED XP-L HI
 FWHM 14.0°
 Efficiency 88 %
 Peak intensity 10.200 cd/lm
 Required components:



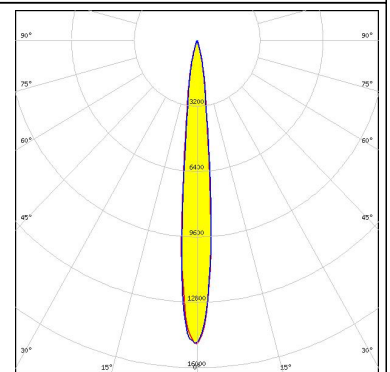
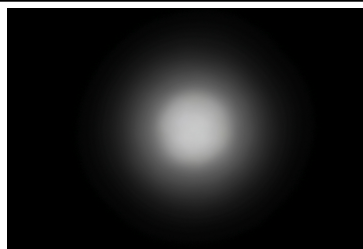
LED XQ-E HI
 FWHM 11.0°
 Efficiency 86 %
 Peak intensity 13.600 cd/lm
 Required components:



LED LUXEON C
 FWHM 11.0°
 Efficiency 84 %
 Peak intensity 11.600 cd/lm
 Required components:



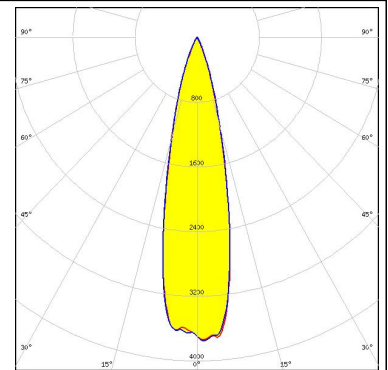
LED LUXEON CZ
 FWHM 11.0°
 Efficiency 89 %
 Peak intensity 14.800 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

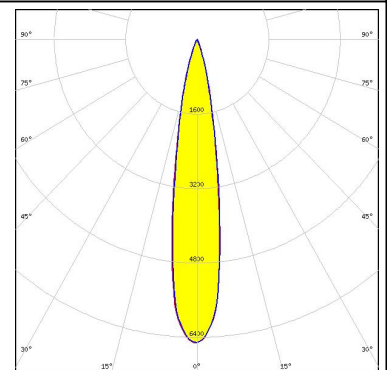
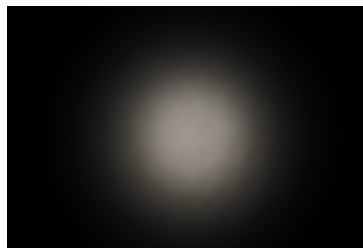
LUMILEDS

LED LUXEON M/MX
FWHM 24.0°
Efficiency 84 %
Peak intensity 3.800 cd/lm
Required components:



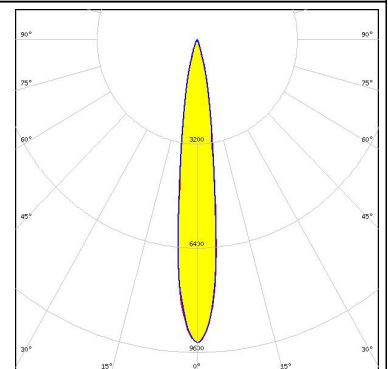
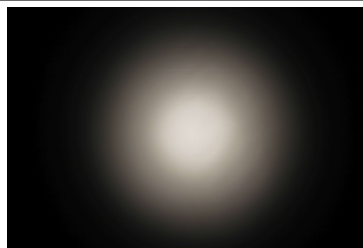
LUMILEDS

LED LUXEON V
FWHM 18.0°
Efficiency 84 %
Peak intensity 6.500 cd/lm
Required components:



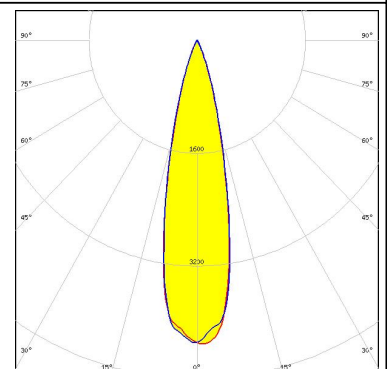
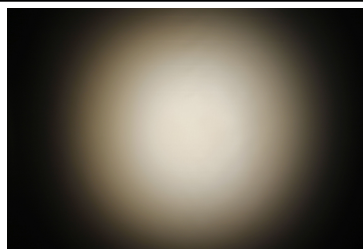
NICHIA

LED NVSW219D
FWHM 14.0°
Efficiency 85 %
Peak intensity 9.300 cd/lm
Required components:



OSRAM Opto Semiconductors

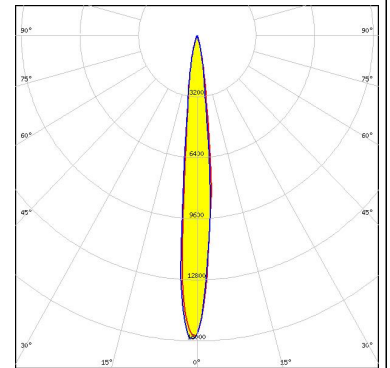
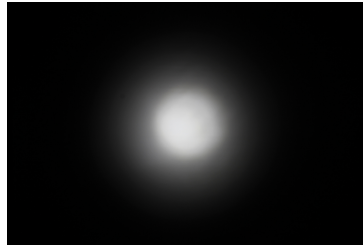
LED Duris S8
FWHM 24.0°
Efficiency 86 %
Peak intensity 4.300 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

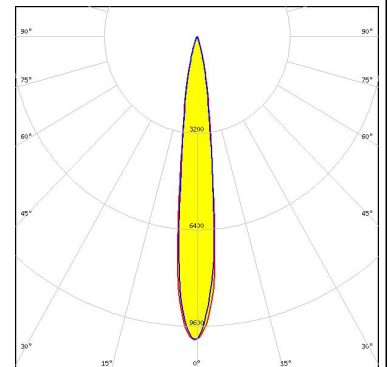
OSRAM
Opto Semiconductors

LED Oslon Black Flat
FWHM 11.0°
Efficiency 88 %
Peak intensity 16.000 cd/lm
Required components:



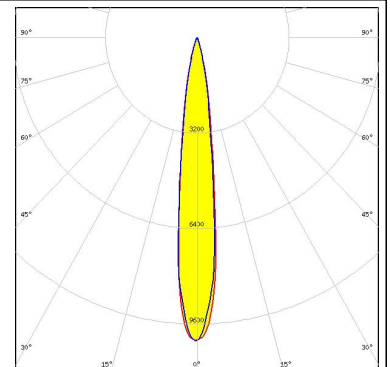
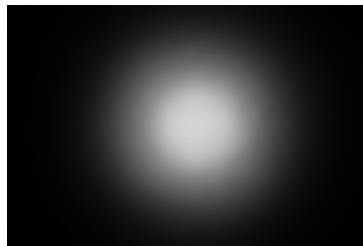
OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 13.0°
Efficiency 85 %
Peak intensity 10.000 cd/lm
Required components:



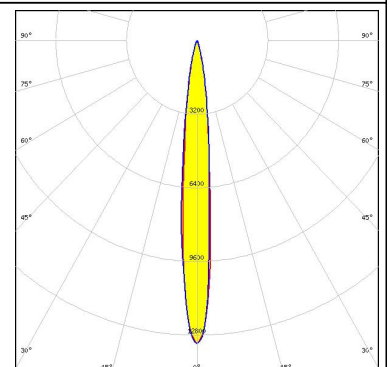
OSRAM
Opto Semiconductors

LED Oslon Square Gen3
FWHM 14.0°
Efficiency 87 %
Peak intensity 10.200 cd/lm
Required components:



OSRAM
Opto Semiconductors

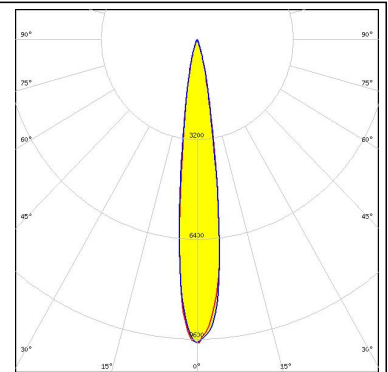
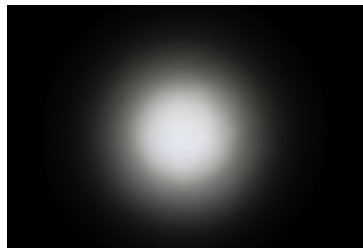
LED Oslon SSL 150
FWHM 11.0°
Efficiency 87 %
Peak intensity 13.000 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

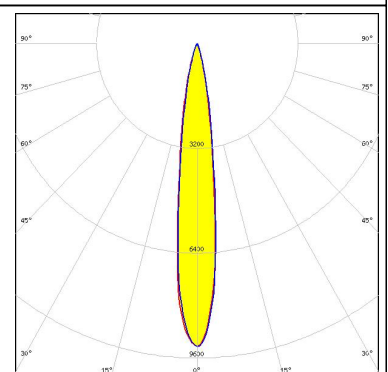
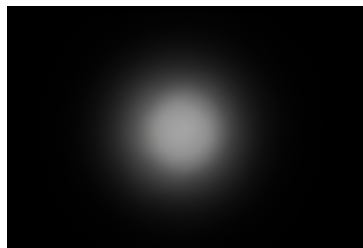
SAMSUNG

LED LH181B
FWHM 15.0°
Efficiency 87 %
Peak intensity 9.700 cd/lm
Required components:



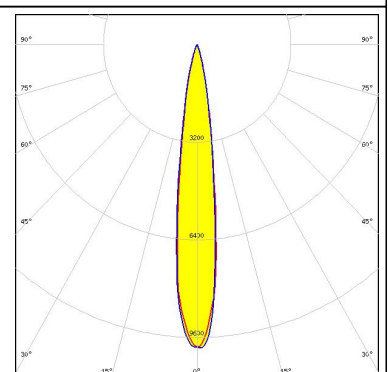
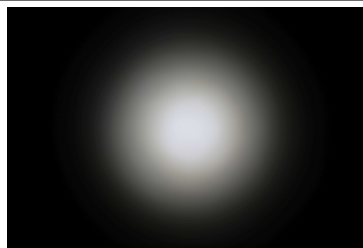
SAMSUNG

LED LH351B
FWHM 14.0°
Efficiency 87 %
Peak intensity 9.300 cd/lm
Required components:



SAMSUNG

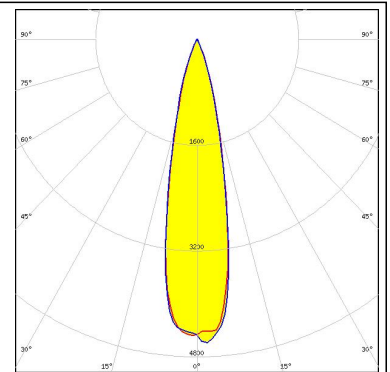
LED LM302A
FWHM 14.0°
Efficiency 89 %
Peak intensity 9.900 cd/lm
Required components:



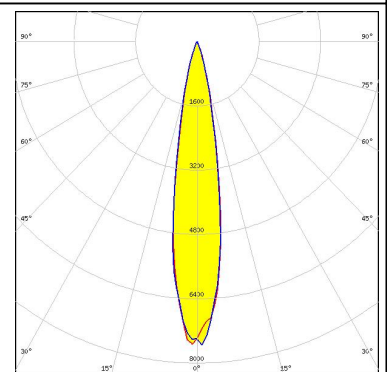
PHOTOMETRIC DATA (SIMULATED):



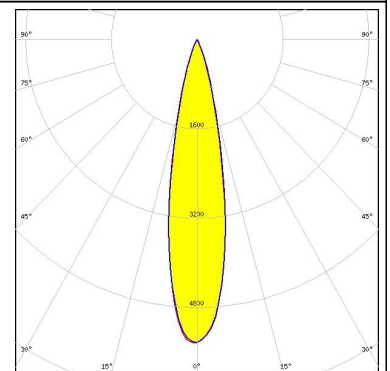
LED XHP50
FWHM 23.0°
Efficiency 86 %
Peak intensity 4.639 cd/lm
Required components:



LED LUXEON MZ
FWHM 18.0°
Efficiency 90 %
Peak intensity 7.594 cd/lm
Required components:



LED NFMW48xA
FWHM 21.0°
Efficiency 89 %
Peak intensity 5.460 cd/lm
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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