

G2-LXP2-RS2-P

~8.5° spot beam with light, black holder.
Assembly with location pins and installation
tape.

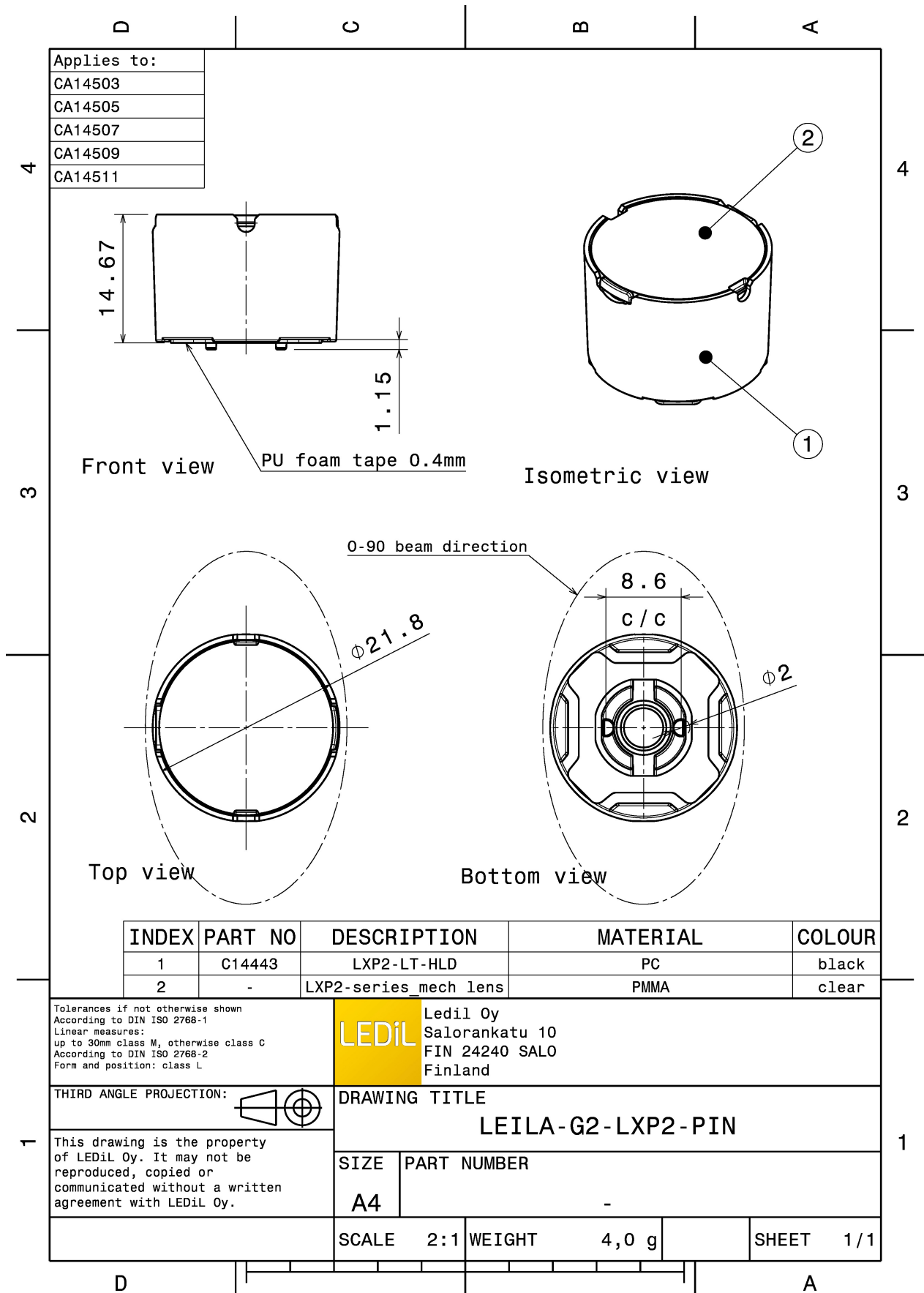
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.8 mm
Height	14.7 mm
Fastening	pin, tape
Colour	black
Box size	480 x 280 x 300 mm
Box weight	8.1 kg
Quantity in Box	1680 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

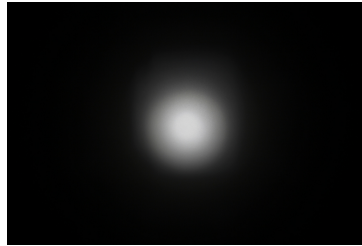
Component	Type	Material	Colour
LXP2-RS2	Single lens	PMMA	
LXP2-LT-HLD	Holder	PC	black
HEIDI-TAPE	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

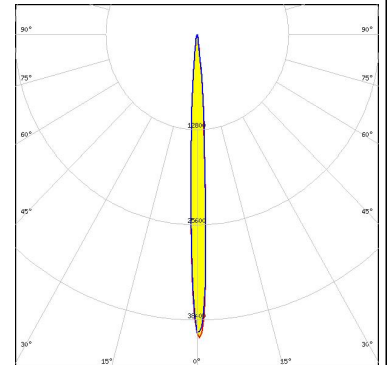
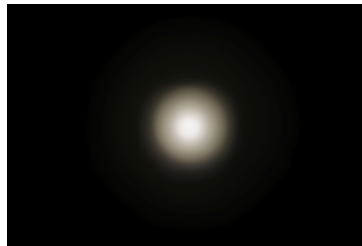
CREE 

LED XP-E
FWHM 7.0°
Efficiency 88 %
Peak intensity 34.650 cd/lm
LEDs/each optic 1
Light colour White
Required components:



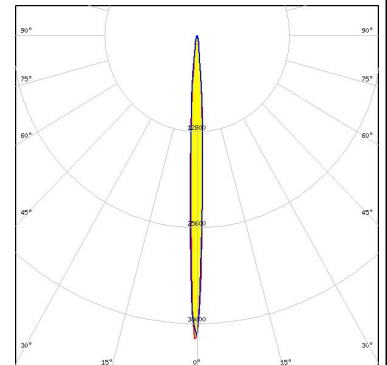
CREE 

LED XQ-E HD
FWHM 5.0°
Efficiency 89 %
Peak intensity 42.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



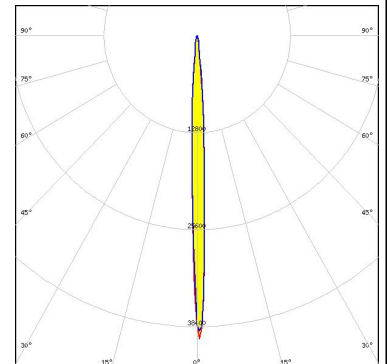
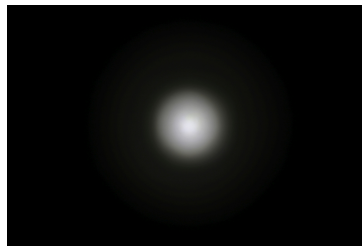
CREE 

LED XQ-E HI
FWHM 5.0°
Efficiency 88 %
Peak intensity 40.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

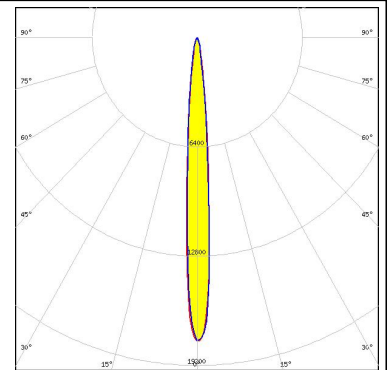
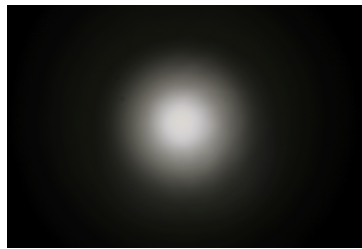
LED XQ-E HI
FWHM 5.0°
Efficiency 87 %
Peak intensity 45.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

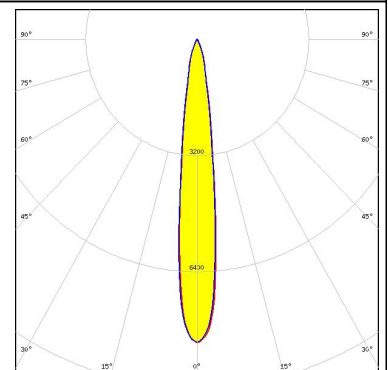
LUMILEDS

LED LUXEON Rebel ES
 FWHM 9.0°
 Efficiency 90 %
 Peak intensity 17.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



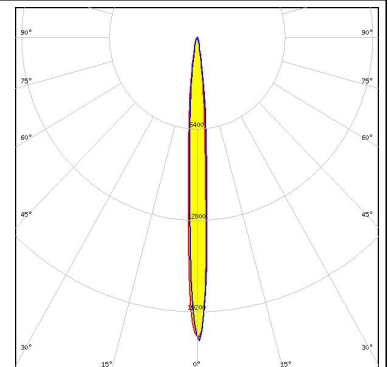
LUMILEDS

LED LUXEON V
 FWHM 14.0°
 Efficiency 89 %
 Peak intensity 8.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



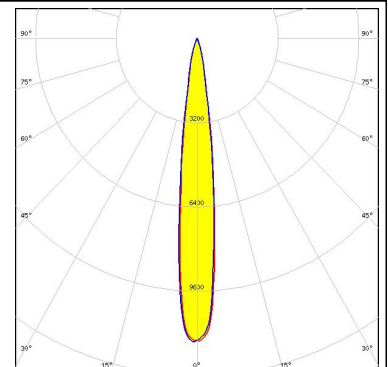
NICHIA

LED NCSxx19A
 FWHM 6.8°
 Efficiency 89 %
 Peak intensity 21.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

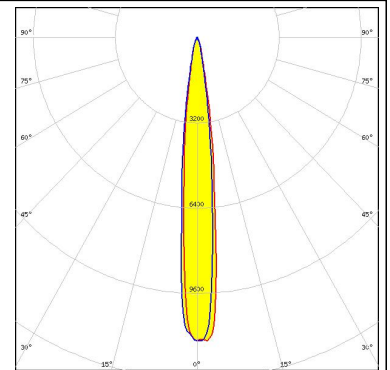
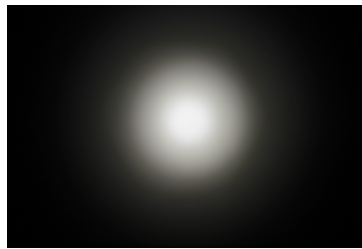
LED NVSW319B
 FWHM 13.0°
 Efficiency 93 %
 Peak intensity 11.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



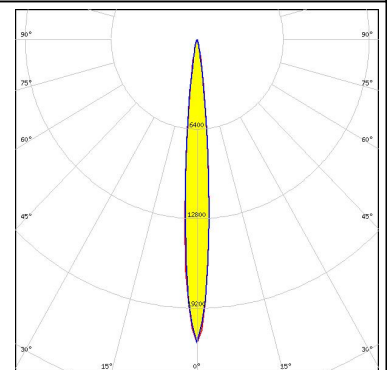
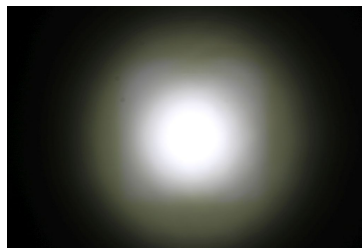
PHOTOMETRIC DATA (MEASURED):



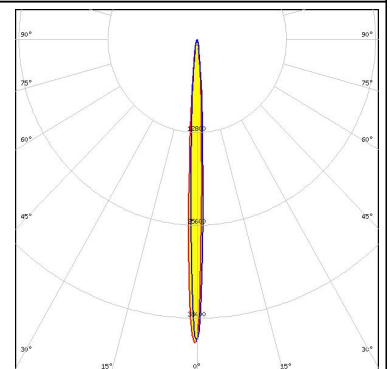
LED NVSW3x9A
 FWHM 12.0°
 Efficiency 89 %
 Peak intensity 11.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



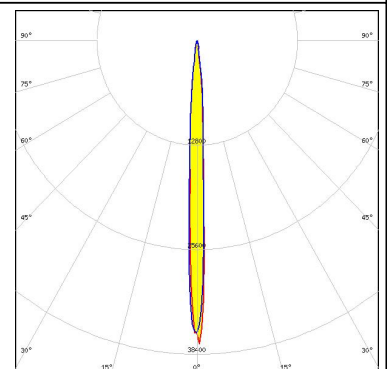
LED OSOLON Square CSSRM2/CSSRM3
 FWHM 8.6°
 Efficiency 92 %
 Peak intensity 20.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSOLON SSL 150
 FWHM 5.0°
 Efficiency 90 %
 Peak intensity 41.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



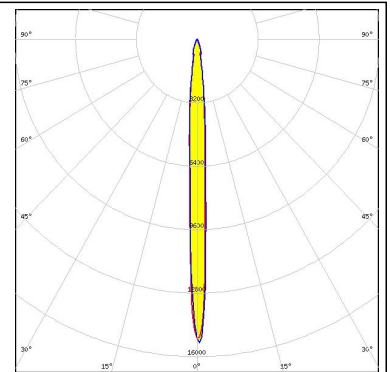
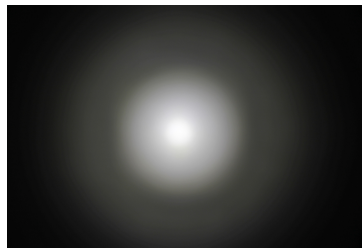
LED OSOLON SSL 80
 FWHM 5.0°
 Efficiency 91 %
 Peak intensity 37.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



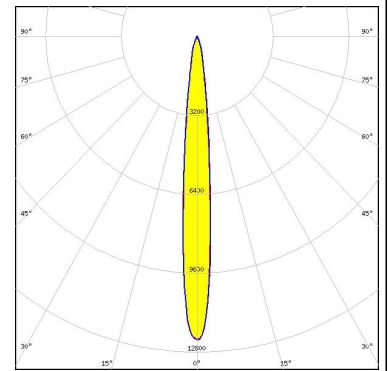
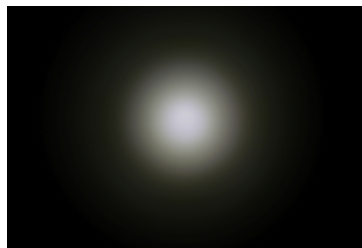
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

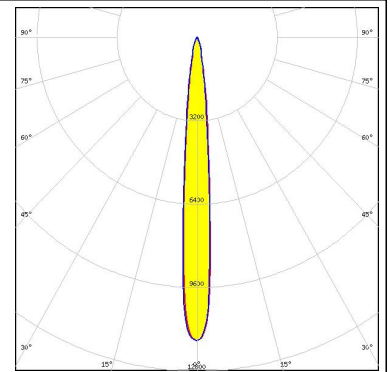
LED LH181A
FWHM 6.0°
Efficiency 80 %
Peak intensity 15.300 cd/m
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR
LED Z5M3
FWHM 10.0°
Efficiency 88 %
Peak intensity 12.300 cd/m
LEDs/each optic 1
Light colour White
Required components:



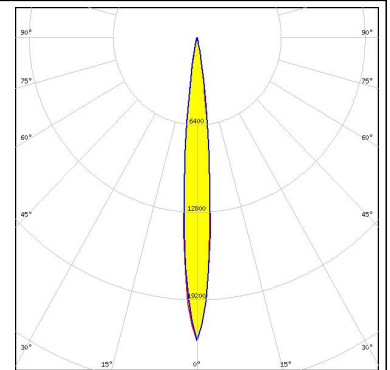
SEOUL SEMICONDUCTOR
LED Z8Y22P
FWHM 10.0°
Efficiency 84 %
Peak intensity 11.600 cd/m
LEDs/each optic 1
Light colour White
Required components:



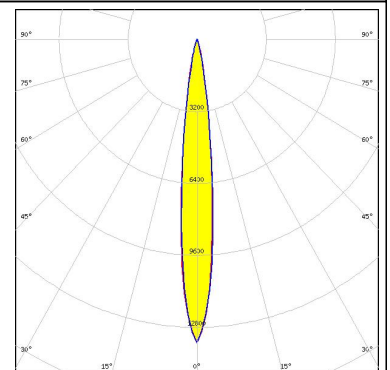
PHOTOMETRIC DATA (SIMULATED):



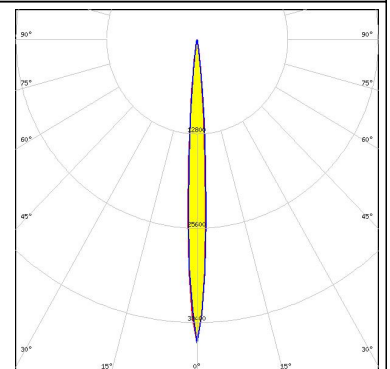
LED XP-G2
 FWHM 10.0°
 Efficiency 94 %
 Peak intensity 22.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



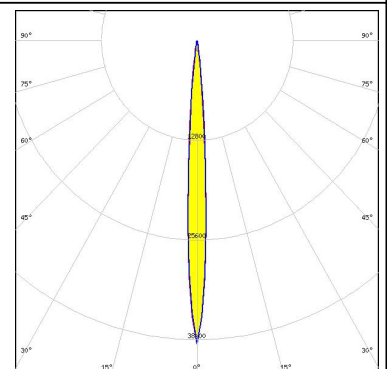
LED XP-G3
 FWHM 12.0°
 Efficiency 91 %
 Peak intensity 13.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XQ-E HD
 FWHM 6.7°
 Efficiency 91 %
 Peak intensity 41.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



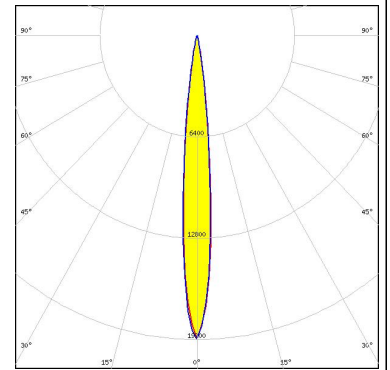
LED XQ-E HD
 FWHM 7.1°
 Efficiency 92 %
 Peak intensity 38.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

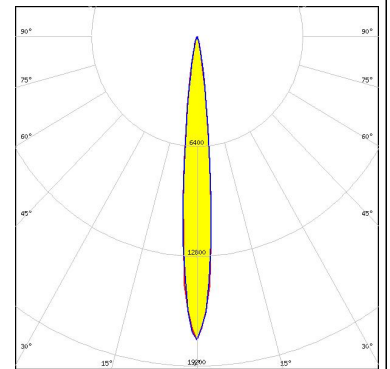
LG Innotek

LED H35C1 (LEMWA33)
 FWHM 11.0°
 Efficiency 92 %
 Peak intensity 19.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



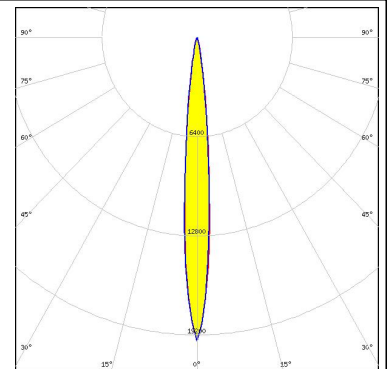
LUMILEDS

LED LUXEON T
 FWHM 11.0°
 Efficiency 93 %
 Peak intensity 17.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



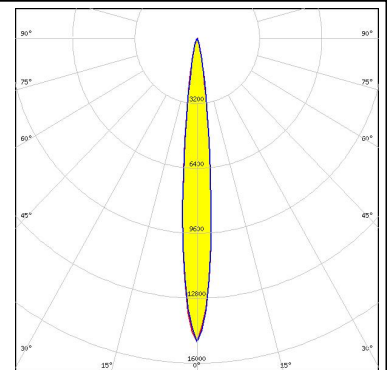
LUMILEDS

LED LUXEON TX
 FWHM 9.7°
 Efficiency 91 %
 Peak intensity 19.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

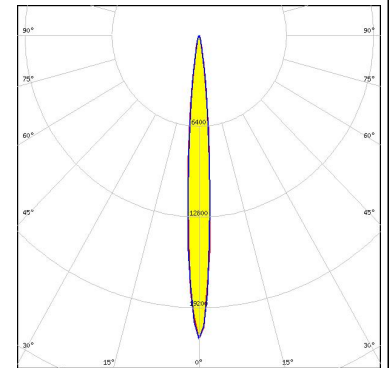
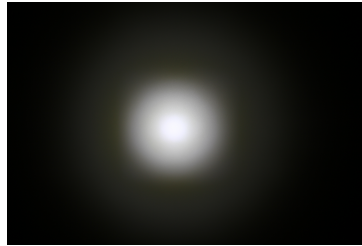
LED NVSxx19B/NVSxx19C
 FWHM 11.0°
 Efficiency 88 %
 Peak intensity 15.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

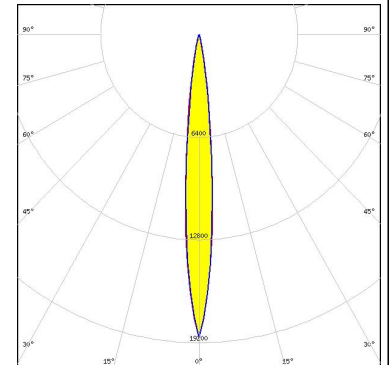
OSRAM
Opto Semiconductors

LED OSLON Square Flat
 FWHM 8.7°
 Efficiency 91 %
 Peak intensity 21.390 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



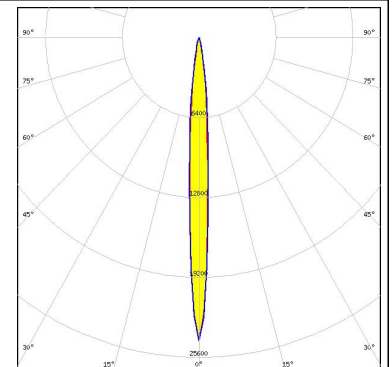
OSRAM
Opto Semiconductors

LED OSLON Square PC
 FWHM 11.0°
 Efficiency 94 %
 Peak intensity 18.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



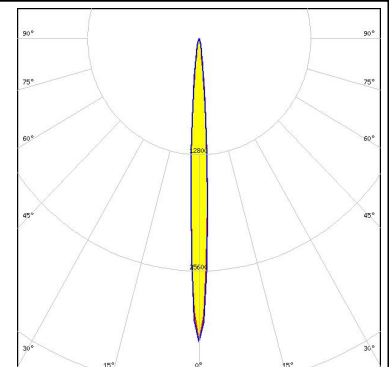
OSRAM
Opto Semiconductors

LED SFH 4715AS
 FWHM 7.0°
 Efficiency 92 %
 Peak intensity 24.300 cd/lm
 LEDs/each optic 1
 Light colour IR
 Required components:



OSRAM
Opto Semiconductors

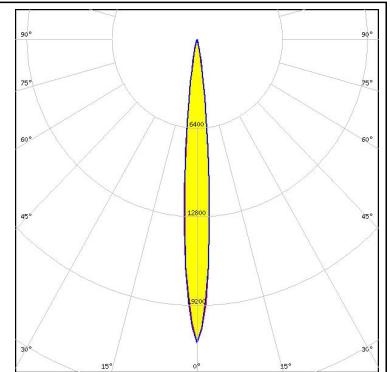
LED SFH 4716AS
 FWHM 6.5°
 Efficiency 92 %
 Peak intensity 33.400 cd/lm
 LEDs/each optic 1
 Light colour IR
 Required components:



PHOTOMETRIC DATA (SIMULATED):

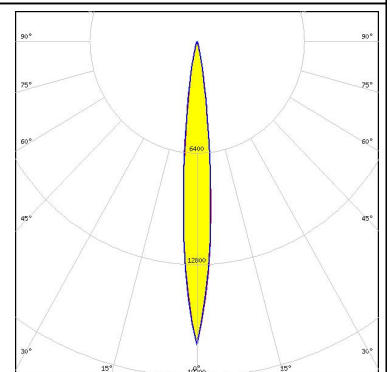
SAMSUNG

LED LH351A
 FWHM 9.0°
 Efficiency 91 %
 Peak intensity 21.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



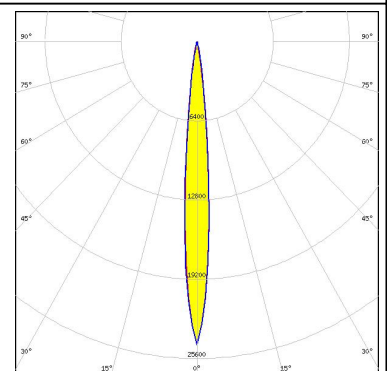
SAMSUNG

LED LH351B
 FWHM 10.0°
 Efficiency 92 %
 Peak intensity 17.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



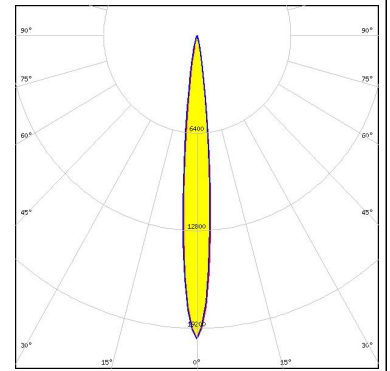
SAMSUNG

LED LH351Z
 FWHM 9.0°
 Efficiency 93 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

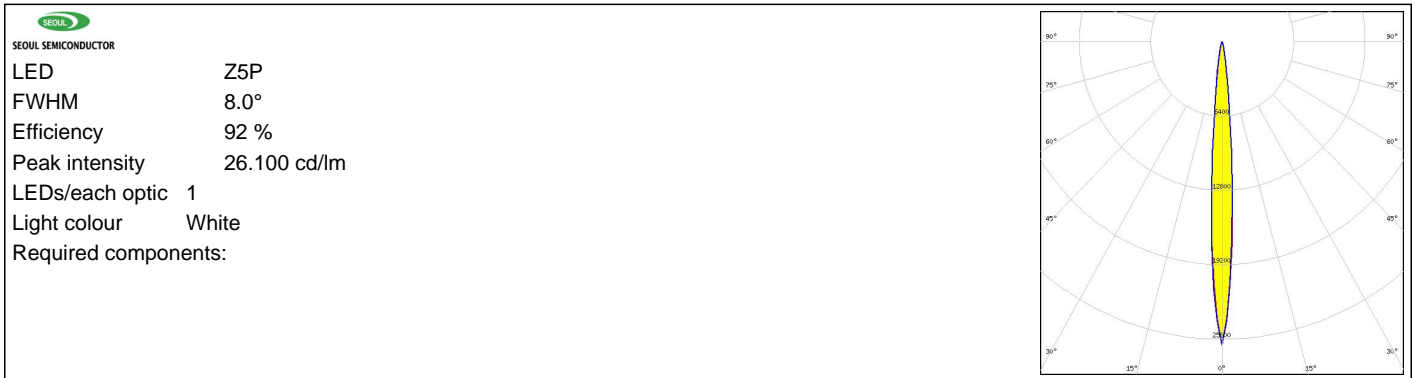


SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
 FWHM 10.0°
 Efficiency 93 %
 Peak intensity 19.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):



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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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