

G2-LXP2-D-P

~14° diffused spot beam with light, black holder.
Assembly with location pins and installation
tape.

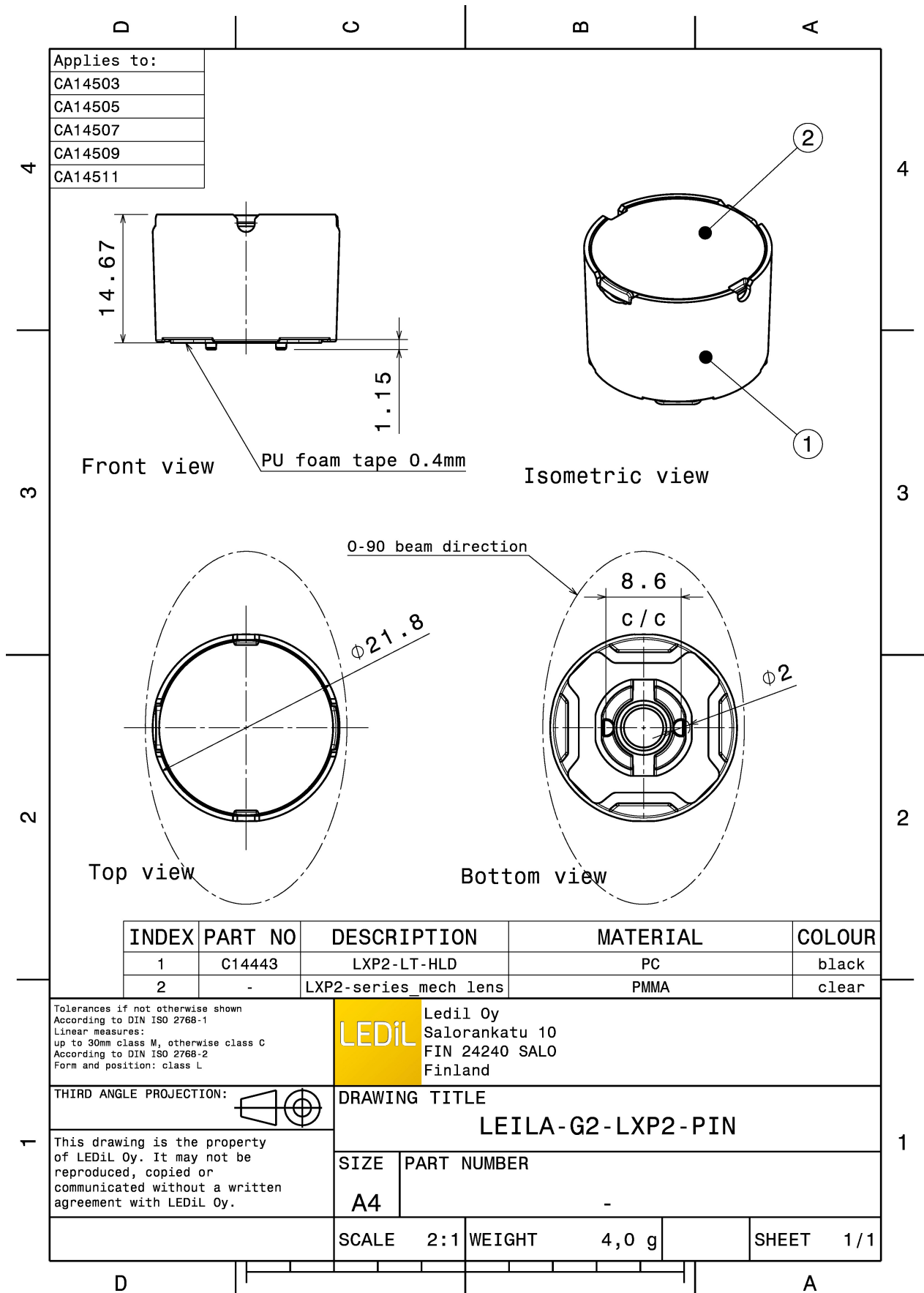
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.8 mm
Height	14.7 mm
Fastening	tape, pin
Colour	black
Box size	480 x 280 x 300 mm
Box weight	8.3 kg
Quantity in Box	1680 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

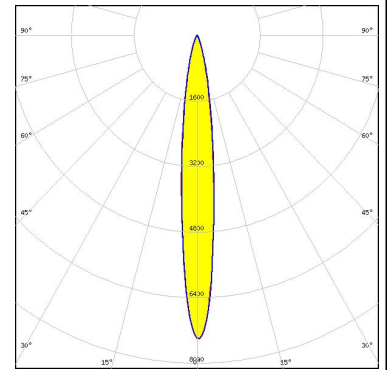
Component	Type	Material	Colour
LXP2-D	Lens	PMMA	clear
LXP2-LT-HLD	Holder	PC	black
HEIDI-TAPE	Tape	PU tape	black



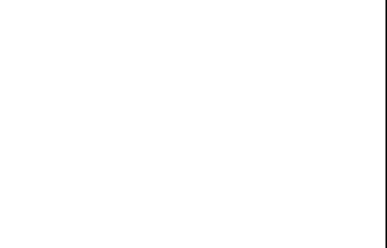
PHOTOMETRIC DATA (MEASURED):



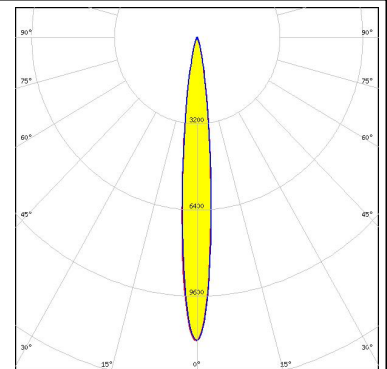
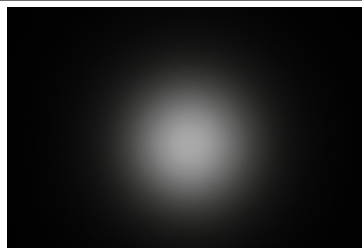
LED XD16
FWHM 13.0°
Efficiency 78 %
Peak intensity 7.400 cd/lm
Required components:



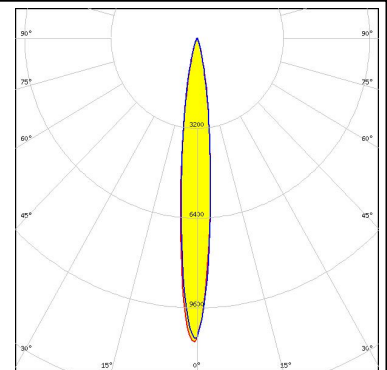
LED XP-E
FWHM 9.7°
Efficiency 88 %
Peak intensity 19.850 cd/lm
Required components:



LED LUXEON C
FWHM 11.0°
Efficiency 80 %
Peak intensity 11.000 cd/lm
Required components:



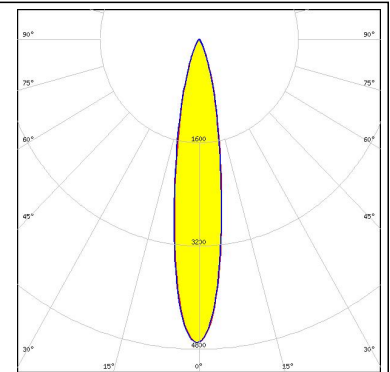
LED LUXEON CZ
FWHM 12.0°
Efficiency 86 %
Peak intensity 10.800 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

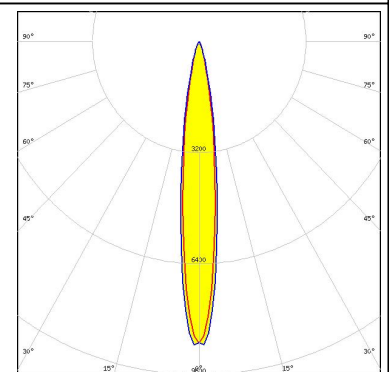
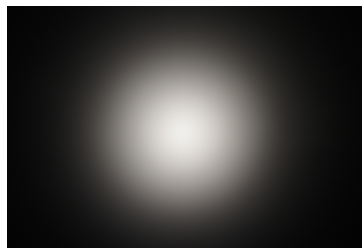
LUMILEDS

LED LUXEON V
FWHM 18.0°
Efficiency 83 %
Peak intensity 4.700 cd/lm
Required components:



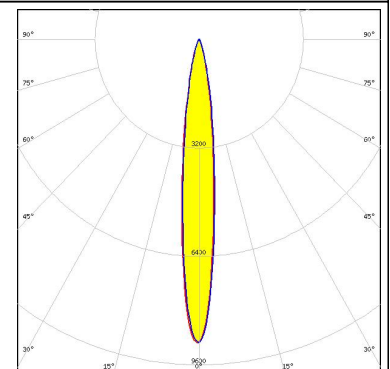
LUMILEDS

LED LUXEON Z ES
FWHM 14.0°
Efficiency 83 %
Peak intensity 8.700 cd/lm
Required components:



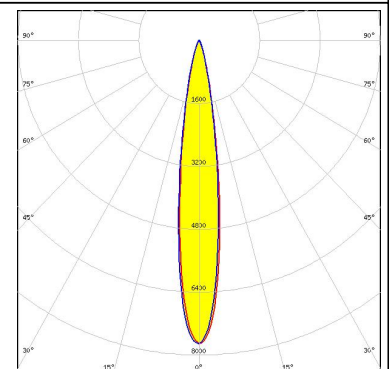
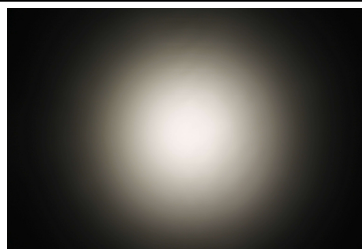
NICHIA

LED NCSxx19A
FWHM 13.0°
Efficiency 86 %
Peak intensity 9.000 cd/lm
Required components:



NICHIA

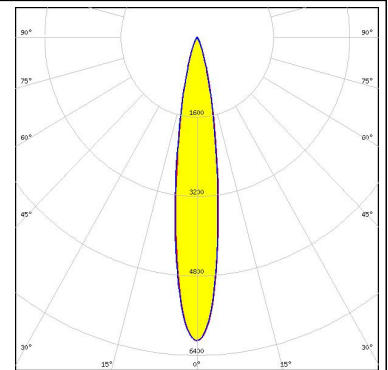
LED NVSW219D
FWHM 15.0°
Efficiency 87 %
Peak intensity 7.700 cd/lm
Required components:



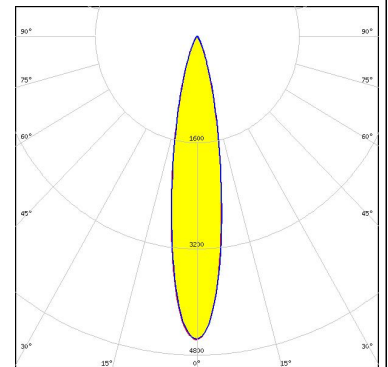
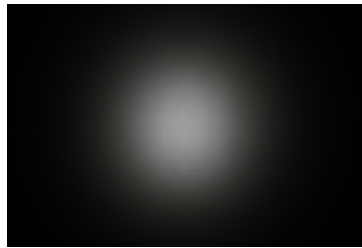
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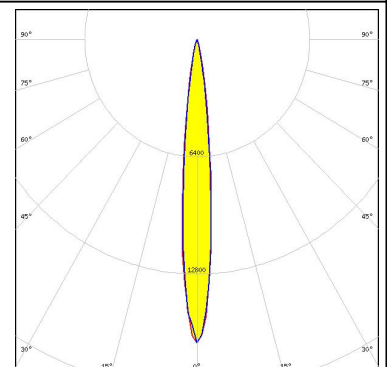
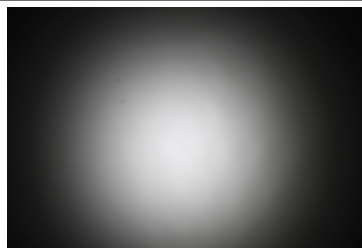
LED NVSW3x9A
 FWHM 17.0°
 Efficiency 81 %
 Peak intensity 6.100 cd/lm
 Required components:



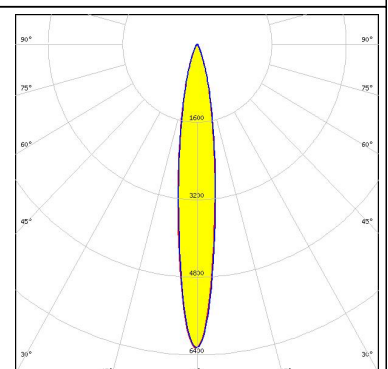
LED NWSx229A
 FWHM 29.0°
 Efficiency 83 %
 Peak intensity 4.600 cd/lm
 Required components:



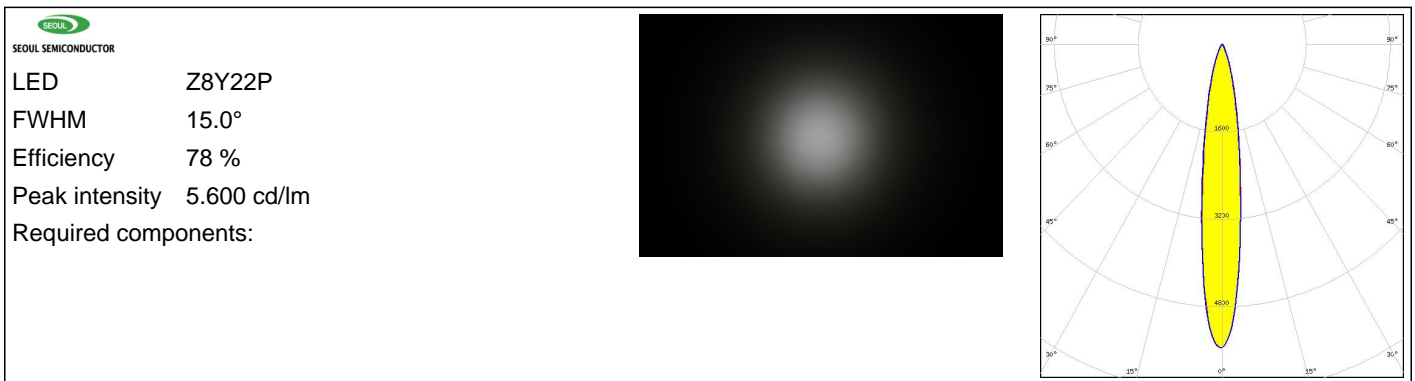
LED Oslon Square Gen3
 FWHM 14.0°
 Efficiency 88 %
 Peak intensity 8.700 cd/lm
 Required components:



LED LH181B
 FWHM 15.0°
 Efficiency 82 %
 Peak intensity 6.300 cd/lm
 Required components:



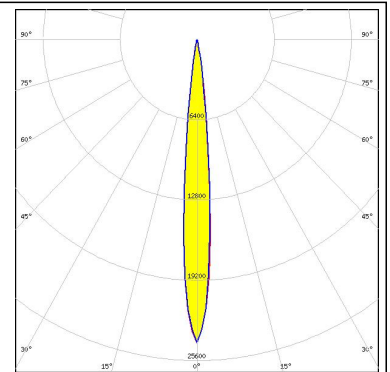
PHOTOMETRIC DATA (MEASURED):



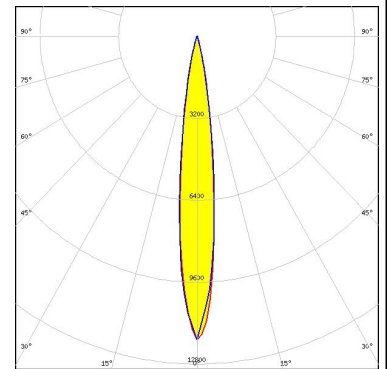
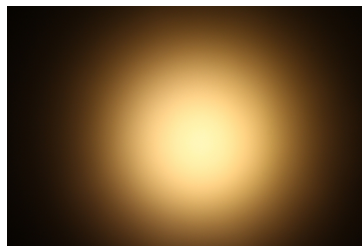
PHOTOMETRIC DATA (SIMULATED):



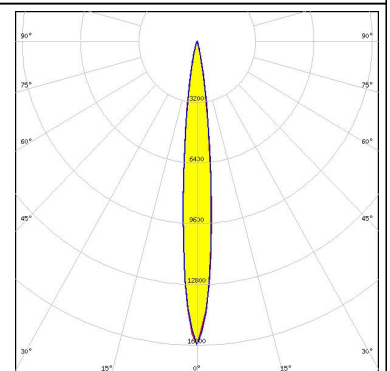
LED XP-G2
 FWHM 10.0°
 Efficiency 94 %
 Peak intensity 24.200 cd/lm
 Required components:



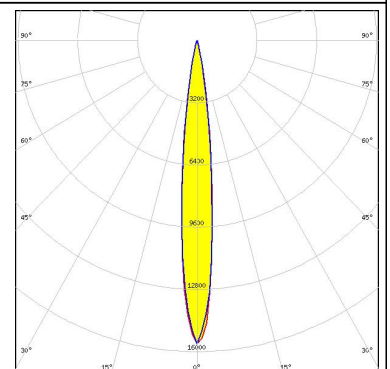
LED XP-G3
 FWHM 14.0°
 Efficiency 91 %
 Peak intensity 11.900 cd/lm
 Required components:



LED XT-E
 FWHM 11.0°
 Efficiency 90 %
 Peak intensity 16.000 cd/lm
 Required components:



LED H35C1 (LEMWA33)
 FWHM 12.0°
 Efficiency 92 %
 Peak intensity 15.600 cd/lm
 Required components:



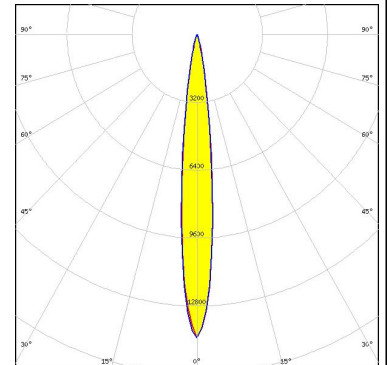
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON IR Compact
 FWHM 8.0°
 Efficiency 84 %
 Peak intensity 0.000 cd/lm
 Required components:

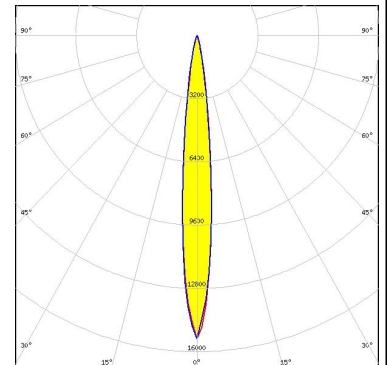
LUMILEDS

LED LUXEON T
 FWHM 12.0°
 Efficiency 93 %
 Peak intensity 14.300 cd/lm
 Required components:



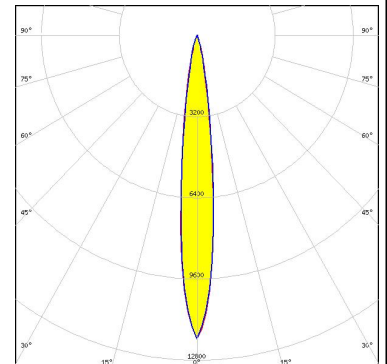
LUMILEDS

LED LUXEON TX
 FWHM 11.0°
 Efficiency 92 %
 Peak intensity 15.400 cd/lm
 Required components:


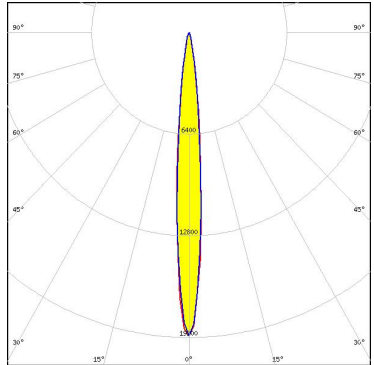
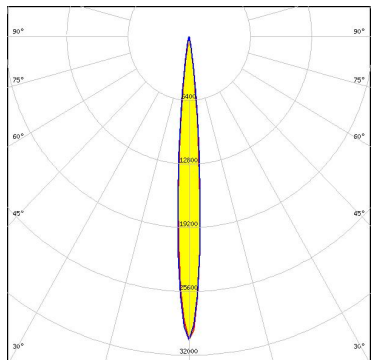
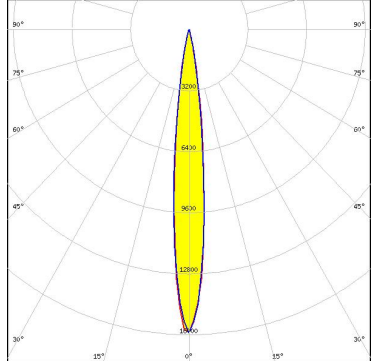


NICHIA

LED NVSxx19B/NVSxx19C
 FWHM 13.0°
 Efficiency 89 %
 Peak intensity 12.000 cd/lm
 Required components:



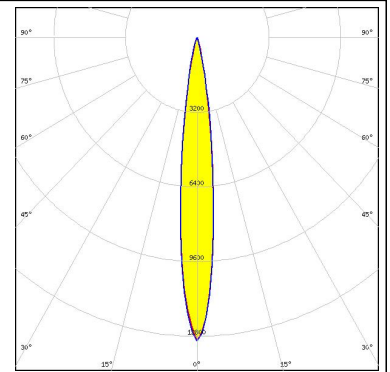
PHOTOMETRIC DATA (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED Oslon Square Flat FWHM 9.4° Efficiency 91 % Peak intensity 19.120 cd/lm Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Oslon SSL 80 FWHM 8.3° Efficiency 92 % Peak intensity 30.500 cd/lm Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED SFH 4770S FWHM 9.0° Efficiency 85 % Peak intensity cd/lm Required components:</p>		
<p>SAMSUNG</p> <p>LED LH351A(3535) FWHM 11.0° Efficiency 91 % Peak intensity 15.900 cd/lm Required components:</p>		

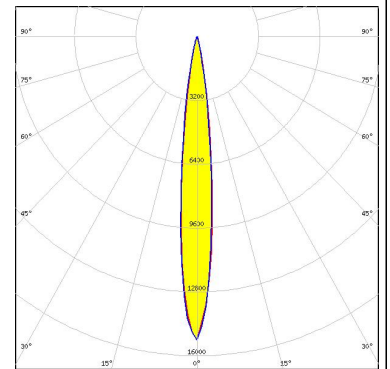
PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

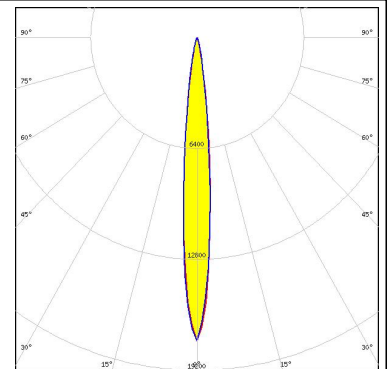
LED LH351B
 FWHM 12.0°
 Efficiency 92 %
 Peak intensity 13.000 cd/lm
 Required components:



SEOUL SEMICONDUCTOR
 LED Z5M1/Z5M2
 FWHM 12.0°
 Efficiency 93 %
 Peak intensity 15.200 cd/lm
 Required components:



SEOUL SEMICONDUCTOR
 LED Z5P
 FWHM 10.0°
 Efficiency 92 %
 Peak intensity 17.500 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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