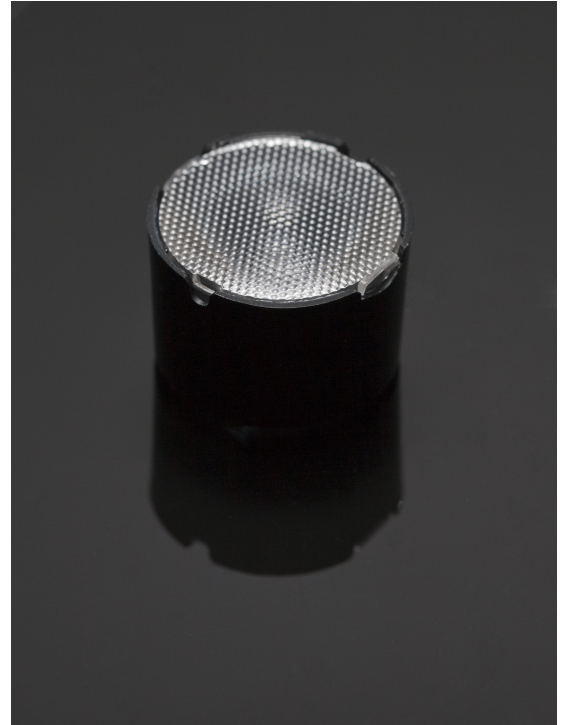


G2-LXP2-M-P

~20° medium beam with light, black holder.
Assembly with location pins and installation
tape.

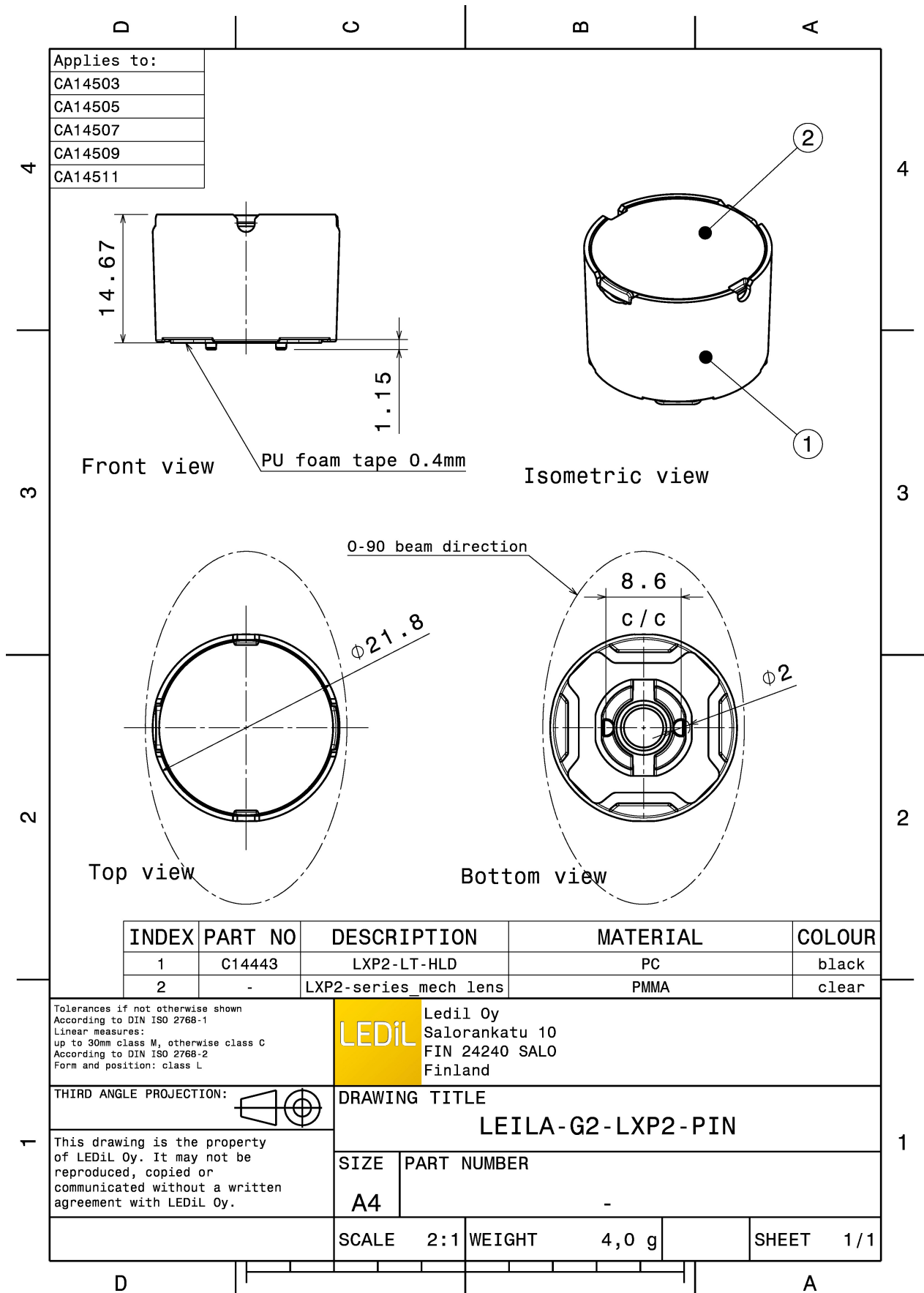
TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

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



PHOTOMETRIC DATA (MEASURED):

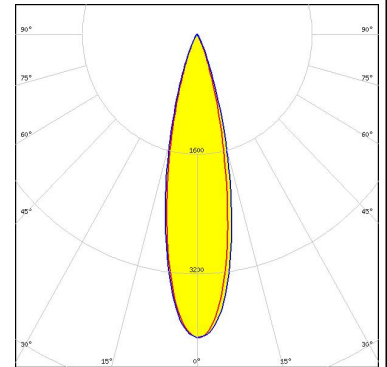
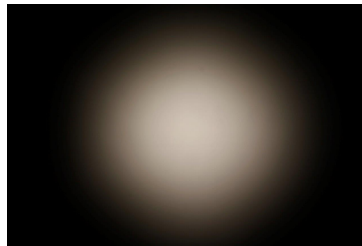
CREE 

LED XP-E
FWHM 22.0°
Efficiency 88 %
Peak intensity 5.170 cd/lm
Required components:



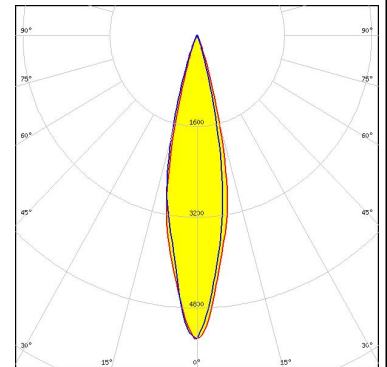
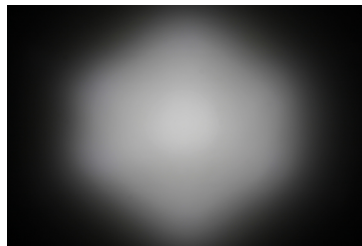
CREE 

LED XP-L
FWHM 24.0°
Efficiency 86 %
Peak intensity 4.100 cd/lm
Required components:



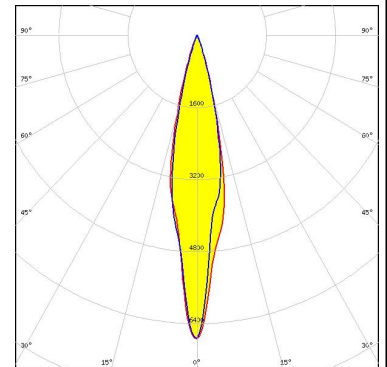
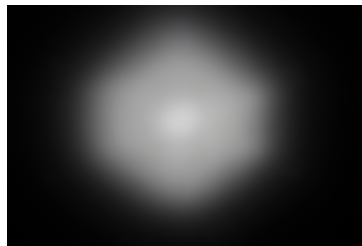
LUMILEDS 

LED LUXEON C
FWHM 23.0°
Efficiency 82 %
Peak intensity 5.300 cd/lm
Required components:



LUMILEDS 

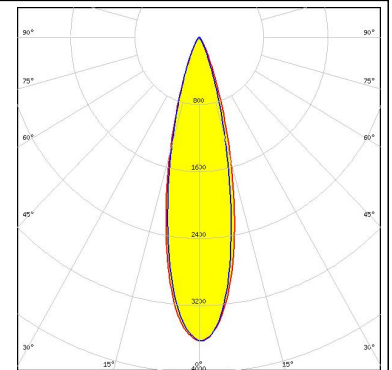
LED LUXEON CZ
FWHM 20.0°
Efficiency 89 %
Peak intensity 6.700 cd/lm
Required components:



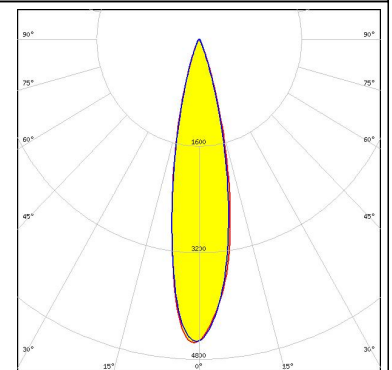
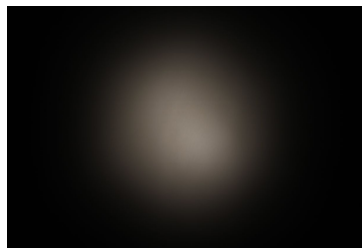
PHOTOMETRIC DATA (MEASURED):



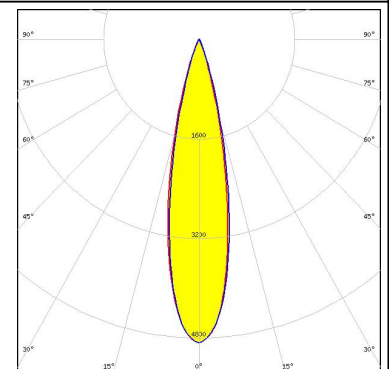
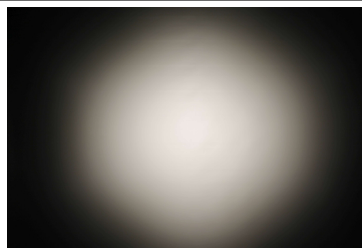
LED LUXEON V
 FWHM 26.0°
 Efficiency 86 %
 Peak intensity 3.600 cd/lm
 Required components:



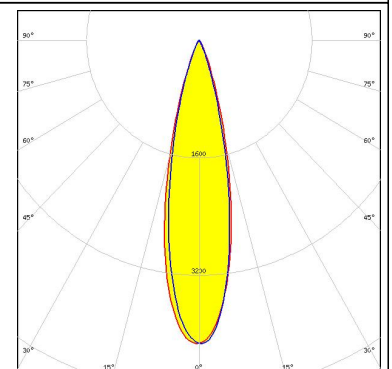
LED NCSxx19A
 FWHM 22.0°
 Efficiency 86 %
 Peak intensity 4.600 cd/lm
 Required components:




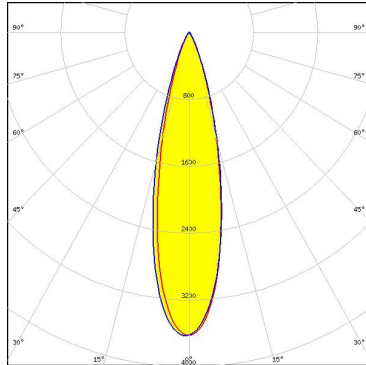

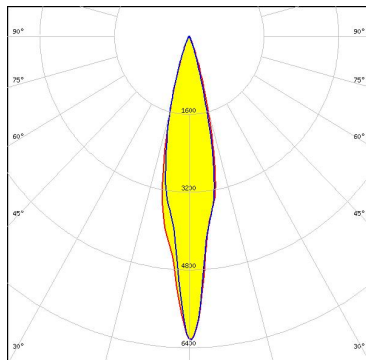

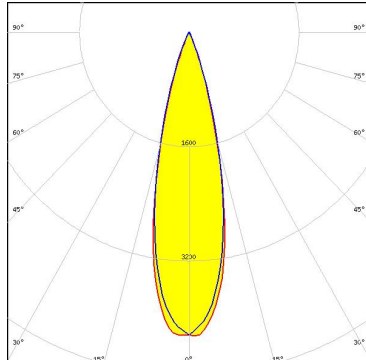
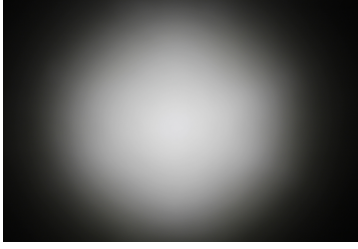
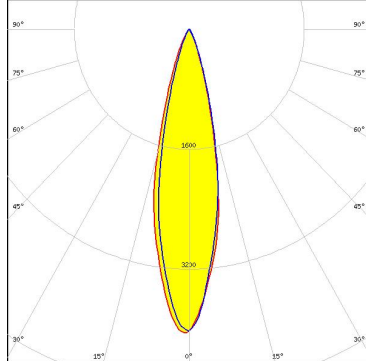
LED NVSW219D
 FWHM 23.0°
 Efficiency 90 %
 Peak intensity 4.900 cd/lm
 Required components:



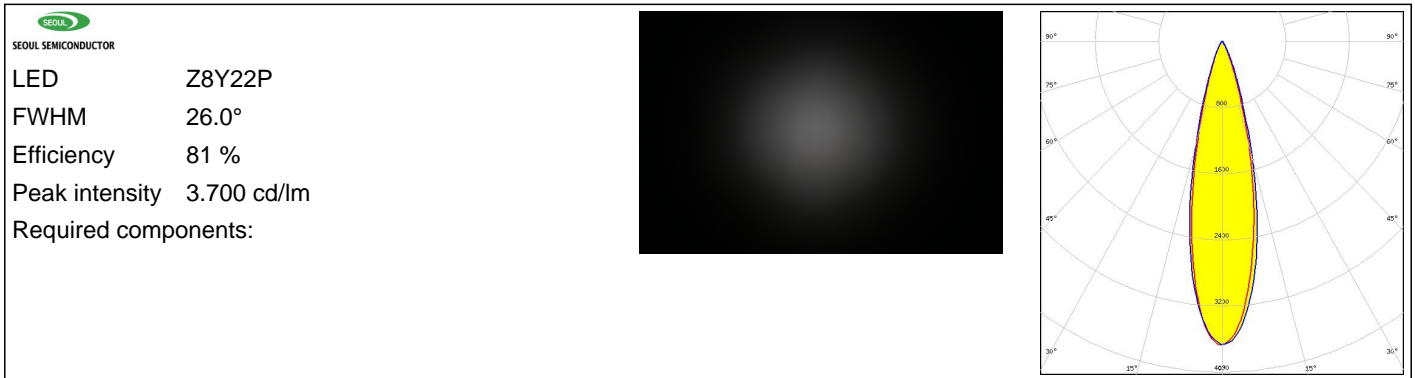
LED NVSW3x9A
 FWHM 24.0°
 Efficiency 86 %
 Peak intensity 4.300 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NWSx229A FWHM 25.0° Efficiency 86 % Peak intensity 3.600 cd/lm Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Oslon Black Flat FWHM 20.0° Efficiency 87 % Peak intensity 6.300 cd/lm Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Oslon Square Gen3 FWHM 24.0° Efficiency 90 % Peak intensity 5.100 cd/lm Required components:</p>		
<p>SAMSUNG</p> <p>LED LH181B FWHM 25.0° Efficiency 85 % Peak intensity 4.100 cd/lm Required components:</p>		

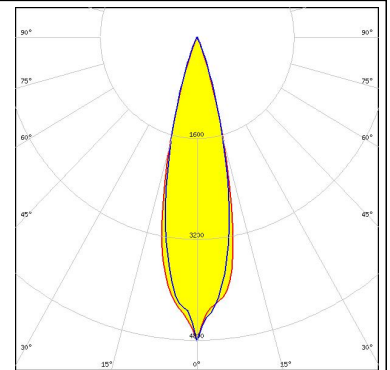
PHOTOMETRIC DATA (MEASURED):



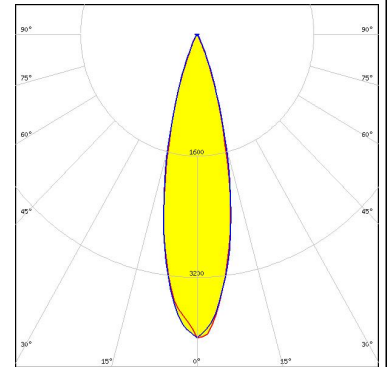
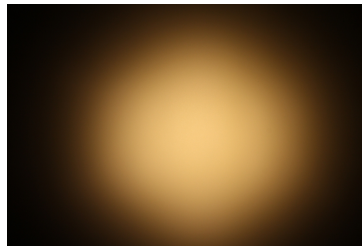
PHOTOMETRIC DATA (SIMULATED):



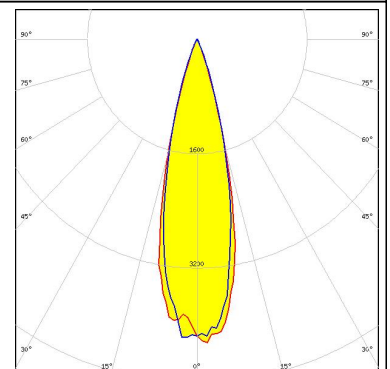
LED XP-G2
 FWHM 25.0°
 Efficiency 93 %
 Peak intensity 4.800 cd/lm
 Required components:



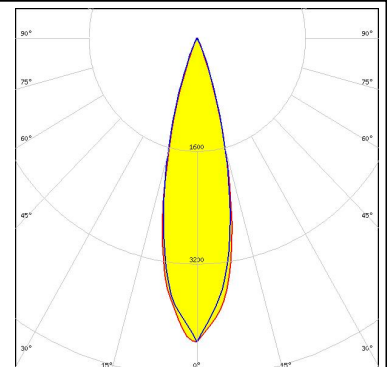
LED XP-G3
 FWHM 26.0°
 Efficiency 89 %
 Peak intensity 4.000 cd/lm
 Required components:



LED XT-E
 FWHM 26.0°
 Efficiency 89 %
 Peak intensity 4.300 cd/lm
 Required components:



LED H35C1 (LEMWA33)
 FWHM 26.0°
 Efficiency 91 %
 Peak intensity 4.300 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON IR Compact
FWHM 26.0°
Efficiency 84 %
Peak intensity 0.000 cd/lm
Required components:

LUMILEDS

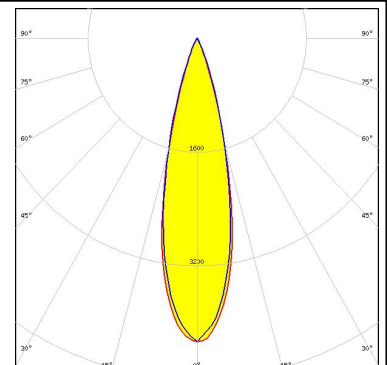
LED LUXEON IR Domed 60
FWHM 24.0°
Efficiency 88 %
Peak intensity 0.000 cd/lm
Required components:

LUMILEDS

LED LUXEON IR Domed 90
FWHM 26.0°
Efficiency 90 %
Peak intensity 0.000 cd/lm
Required components:

LUMILEDS

LED LUXEON T
FWHM 26.0°
Efficiency 92 %
Peak intensity 4.300 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON TX FWHM: 26.0° Efficiency: 91 % Peak intensity: 4.200 cd/lm Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM: 25.0° Efficiency: 88 % Peak intensity: 4.100 cd/lm Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: Oslon Black Flat FWHM: 24.0° Efficiency: 91 % Peak intensity: 4.800 cd/lm Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: Oslon SSL 80 FWHM: 27.0° Efficiency: 91 % Peak intensity: 4.600 cd/lm Required components:</p>	

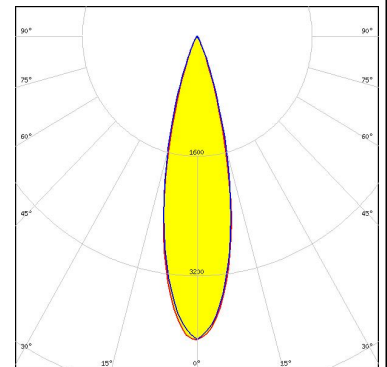
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED SFH 4770S
FWHM 25.0°
Efficiency 84 %
Peak intensity cd/lm
Required components:

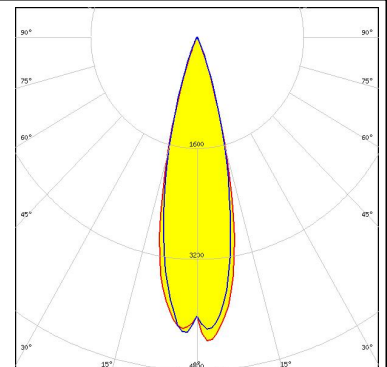
SAMSUNG

LED LH181B
FWHM 26.0°
Efficiency 90 %
Peak intensity 4.100 cd/lm
Required components:



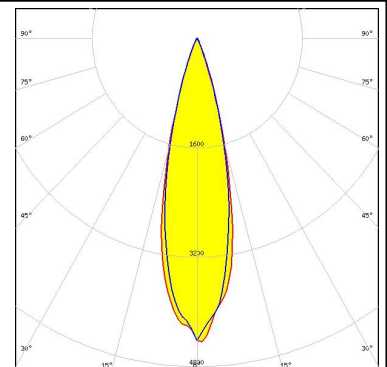
SAMSUNG

LED LH351A(3535)
FWHM 25.0°
Efficiency 91 %
Peak intensity 4.400 cd/lm
Required components:

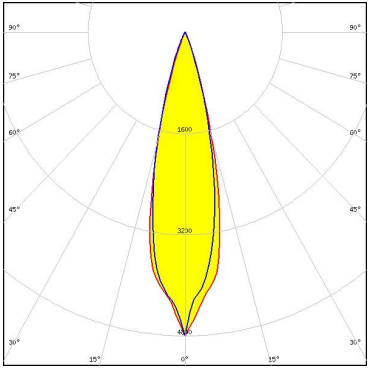

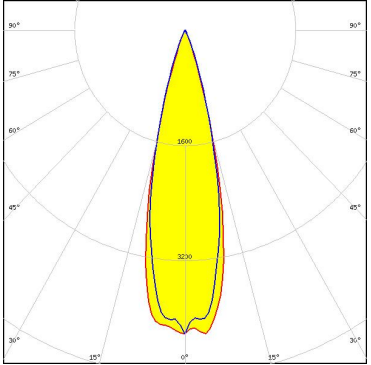


SAMSUNG

LED LH351B
FWHM 25.0°
Efficiency 91 %
Peak intensity 4.500 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR		
LED	Z5M1/Z5M2	
FWHM	24.0°	
Efficiency	92 %	
Peak intensity	4.800 cd/lm	
Required components:		
 SEOUL SEMICONDUCTOR		
LED	Z5P	
FWHM	26.0°	
Efficiency	91 %	
Peak intensity	4.300 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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