

HB-IP-2X6-M

~25° medium beam

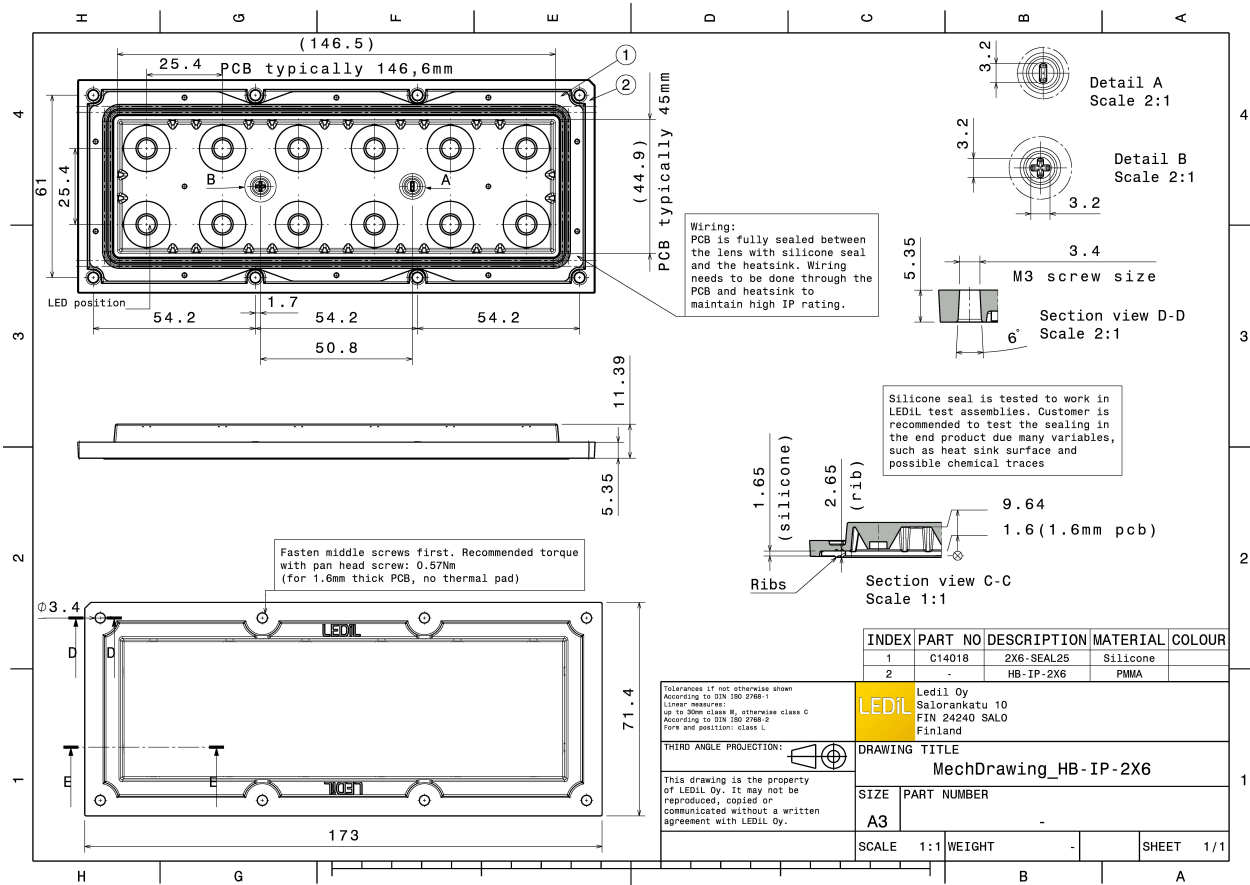
TECHNICAL SPECIFICATIONS:

Dimensions	173.0 x 71.4 mm
Height	11.4 mm
Fastening	pin, screw
Colour	clear
Box size	476 x 273 x 247 mm
Box weight	8.1 kg
Quantity in Box	120 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

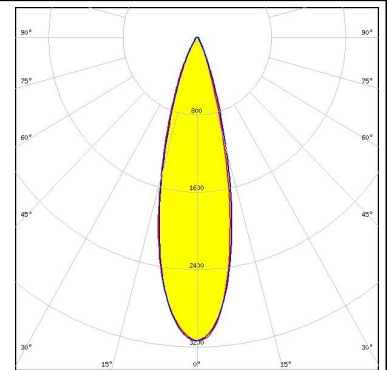
Component	Type	Material	Colour
HB-IP-2X6-M	Lens	PMMA	clear
2X6-SEAL25	Seal	Silicone	white



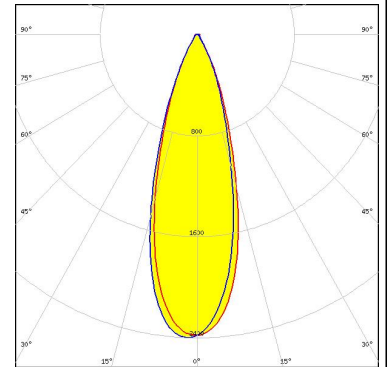
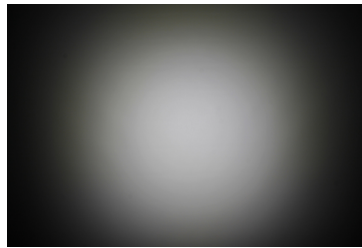
PHOTOMETRIC DATA (MEASURED):



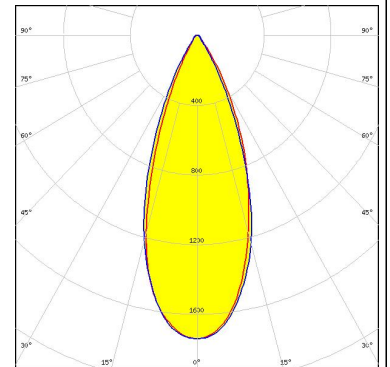
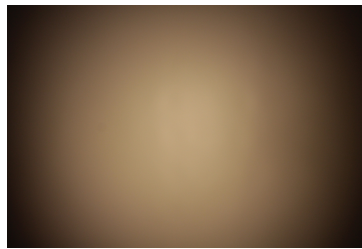
LED XM-L
FWHM 27.0°
Efficiency 94 %
Peak intensity 3.100 cd/lm
Required components:



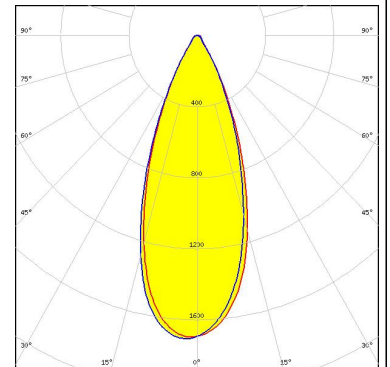
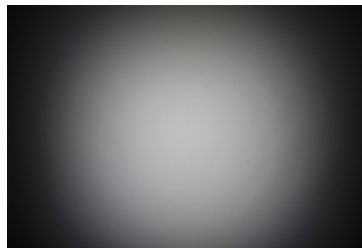
LED XP-G3
FWHM 32.0°
Efficiency 94 %
Peak intensity 2.400 cd/lm
Required components:



LED XP-L
FWHM 39.0°
Efficiency 94 %
Peak intensity 1.700 cd/lm
Required components:



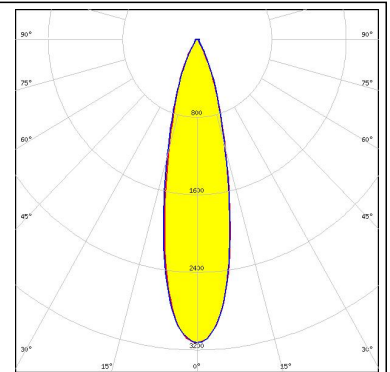
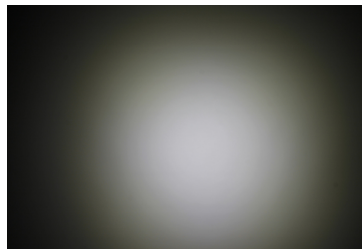
LED XP-L2
FWHM 39.0°
Efficiency 94 %
Peak intensity 1.700 cd/lm
Required components:



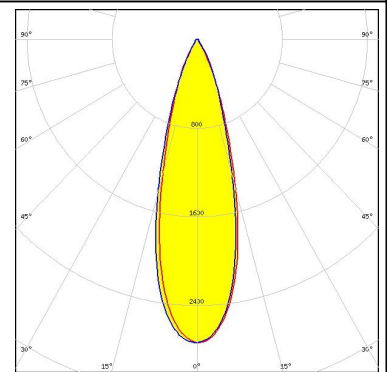
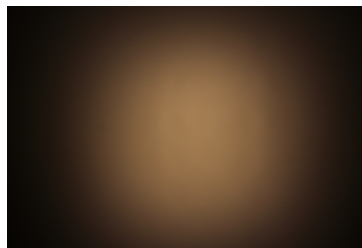
PHOTOMETRIC DATA (MEASURED):



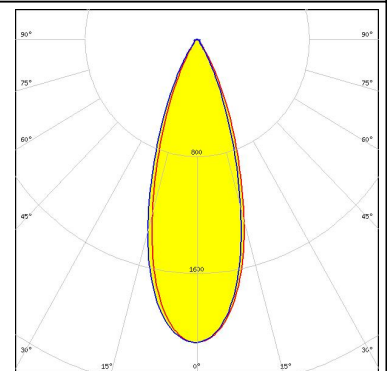
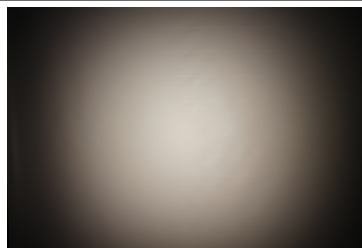
LED XT-E
 FWHM 25.0°
 Efficiency 92 %
 Peak intensity 3.100 cd/lm
 Required components:



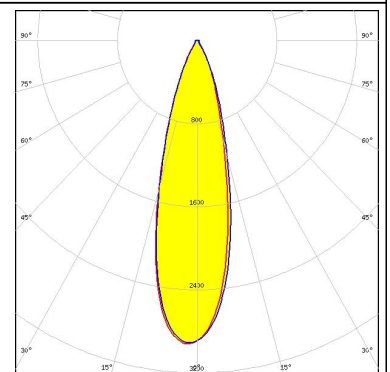
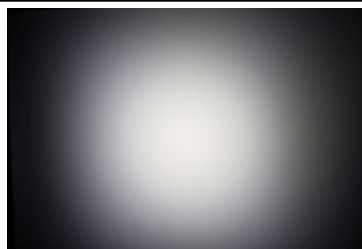
LED LUXEON T
 FWHM 29.0°
 Efficiency 94 %
 Peak intensity 2.700 cd/lm
 Required components:



LED LUXEON V
 FWHM 35.0°
 Efficiency 93 %
 Peak intensity 2.100 cd/lm
 Required components:



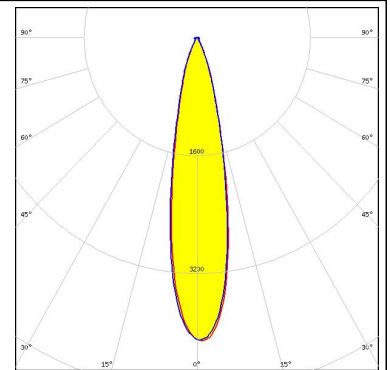
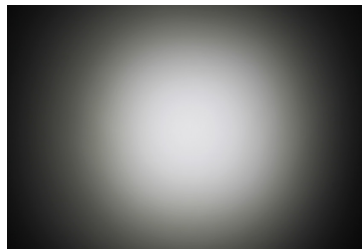
LED LUXEON XR-TX (L2T0-xyy012M)
 FWHM 28.0°
 Efficiency 94 %
 Peak intensity 2.950 cd/lm
 Required components:



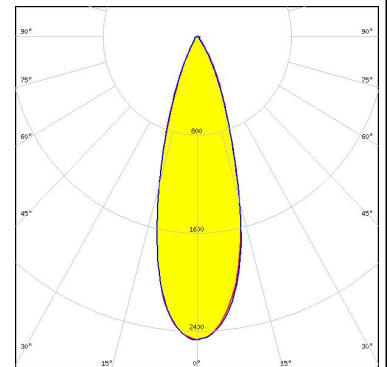
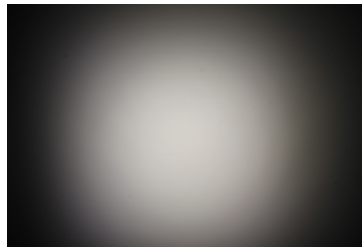
PHOTOMETRIC DATA (MEASURED):



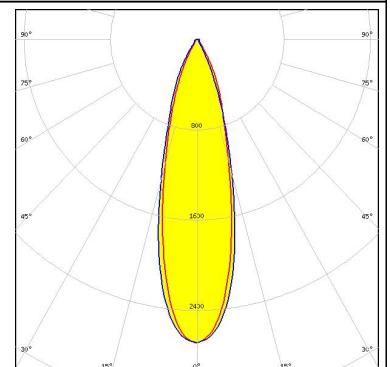
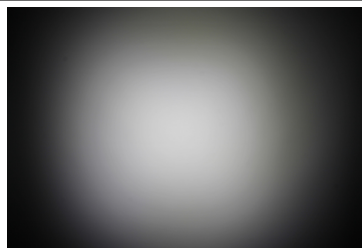
LED NVSxE21A
FWHM 24.0°
Efficiency 92 %
Peak intensity 4.100 cd/lm
Required components:



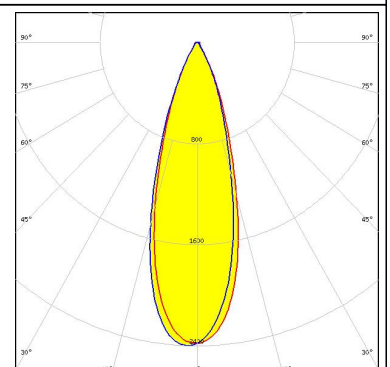
LED NVSxx19B/NVSxx19C
FWHM 31.0°
Efficiency 93 %
Peak intensity 2.500 cd/lm
Required components:





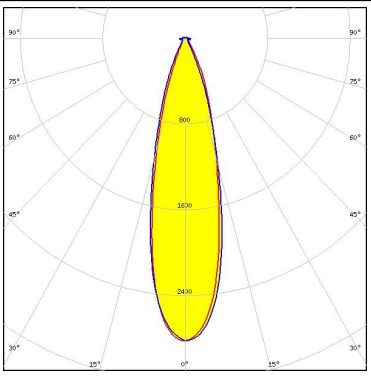


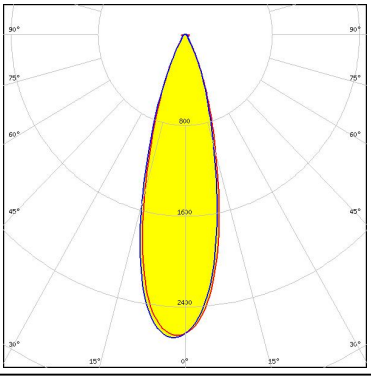

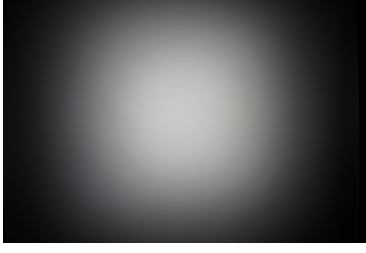
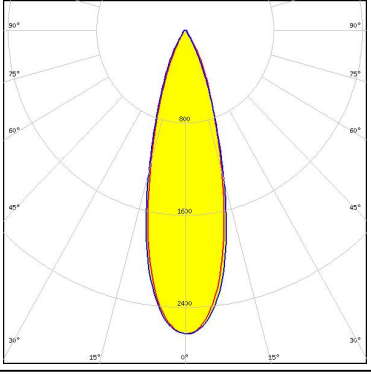

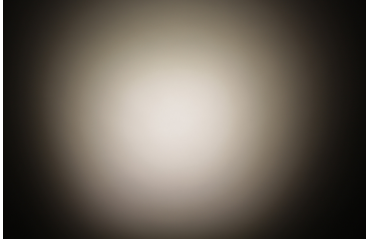
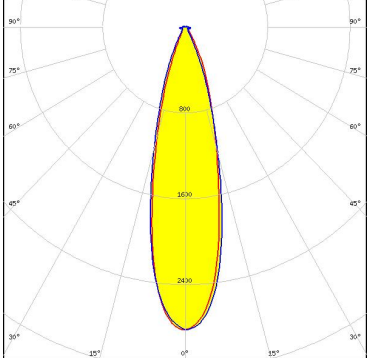
LED Oslon Square PC
FWHM 29.0°
Efficiency 93 %
Peak intensity 2.690 cd/lm
Required components:





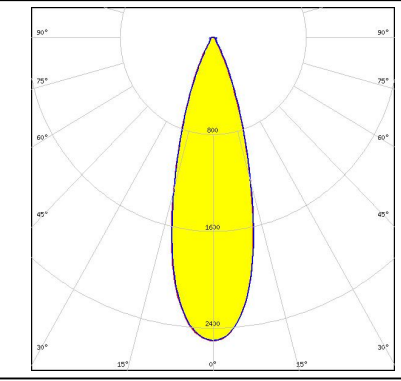
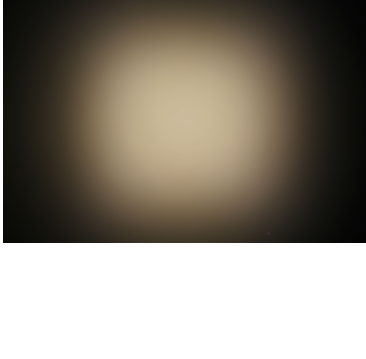
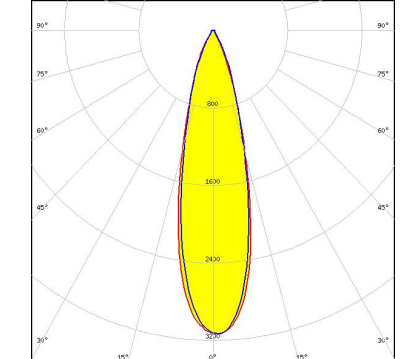
LED Fortimo FastFlex LED board 2x6 DPX G4
FWHM 32.0°
Efficiency 94 %
Peak intensity 2.400 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

<p> SEUL SEMICONDUCTOR</p> <p>LED SMJQ-D36W12Mx FWHM 26.0° Efficiency 91 % Peak intensity 2.800 cd/lm Required components:</p>		
<p> SEUL SEMICONDUCTOR</p> <p>LED SMJQ-D36W12Px FWHM 29.0° Efficiency 94 % Peak intensity 2.700 cd/lm Required components:</p>		
<p> SEUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2 FWHM 30.0° Efficiency 93 % Peak intensity 2.630 cd/lm Required components:</p>		
<p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y22 FWHM 26.0° Efficiency 91 % Peak intensity 2.800 cd/lm Required components:</p>		

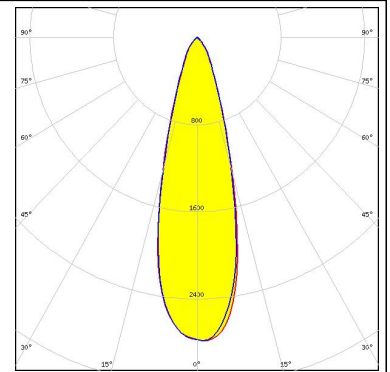
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P FWHM 30.0° Efficiency 93 % Peak intensity 2.500 cd/lm Required components:</p>		
<p>TRIDONIC</p> <p>LED RLE G2 HP 2x6 3000lm FWHM 26.0° Efficiency 94 % Peak intensity 3.100 cd/lm Required components:</p>		

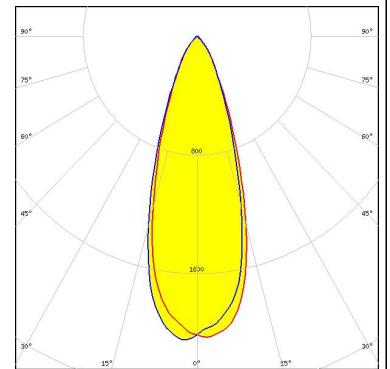
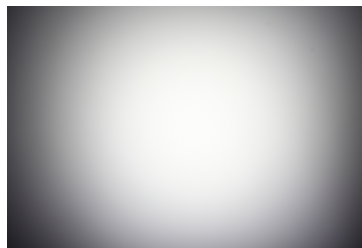
PHOTOMETRIC DATA (SIMULATED):



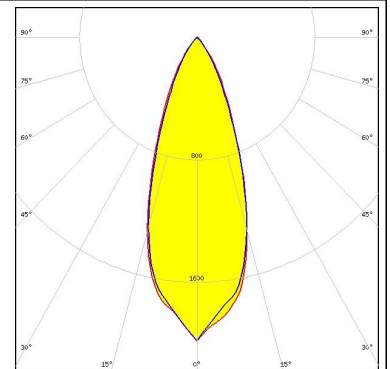
LED XP-E
 FWHM 28.0°
 Efficiency 94 %
 Peak intensity 2.810 cd/lm
 Required components:



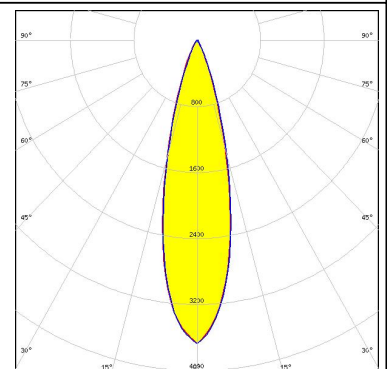
LED H35C1 (LEMWA33)
 FWHM 35.0°
 Efficiency 94 %
 Peak intensity 2.100 cd/lm
 Required components:



LED LUXEON 5050
 FWHM 37.0°
 Efficiency 93 %
 Peak intensity 1.980 cd/lm
 Required components:



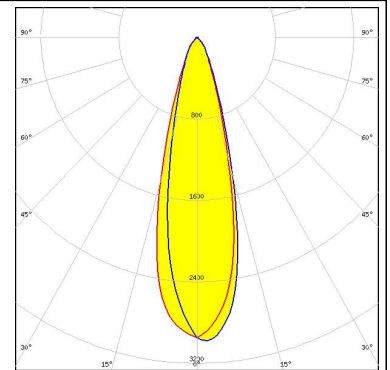
LED OSCONIQ P 3737 (3W version)
 FWHM 26.0°
 Efficiency 94 %
 Peak intensity 3.680 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

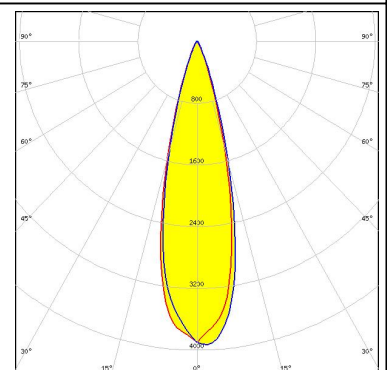
OSRAM
Opto Semiconductors

LED Oslon Square Gen3
FWHM 27.0°
Efficiency 94 %
Peak intensity 2.990 cd/lm
Required components:



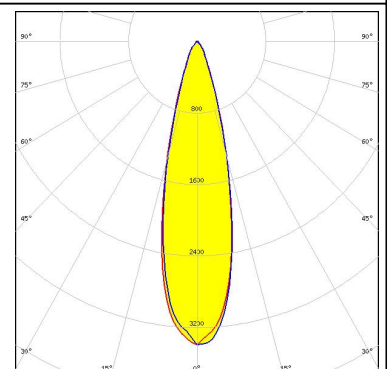
PHILIPS

LED Fortimo FastFlex LED board 2x6 DP G4
FWHM 26.0°
Efficiency 94 %
Peak intensity 3.950 cd/lm
Required components:



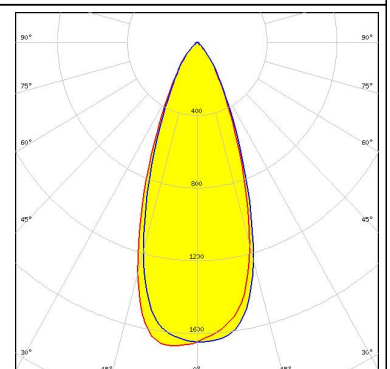
SAMSUNG

LED LH181B
FWHM 27.0°
Efficiency 94 %
Peak intensity 3.400 cd/lm
Required components:



SAMSUNG

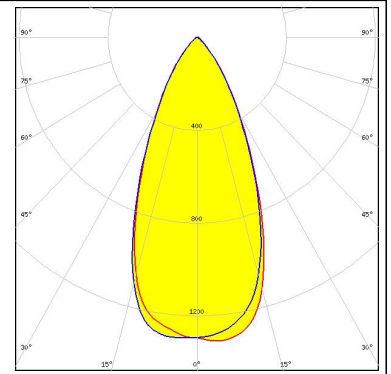
LED LH351C
FWHM 39.5°
Efficiency 94 %
Peak intensity 1.680 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LH351D
FWHM 46.0°
Efficiency 94 %
Peak intensity 1.320 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:

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.

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