

FLARE-MAXI-TAPE

34 x 33 mm lens with ~100° x 15° oval beam.
Assembly with installation tape.

SPECIFICATION:

Dimensions	33.9 x 33.3 mm
Height	16.9 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

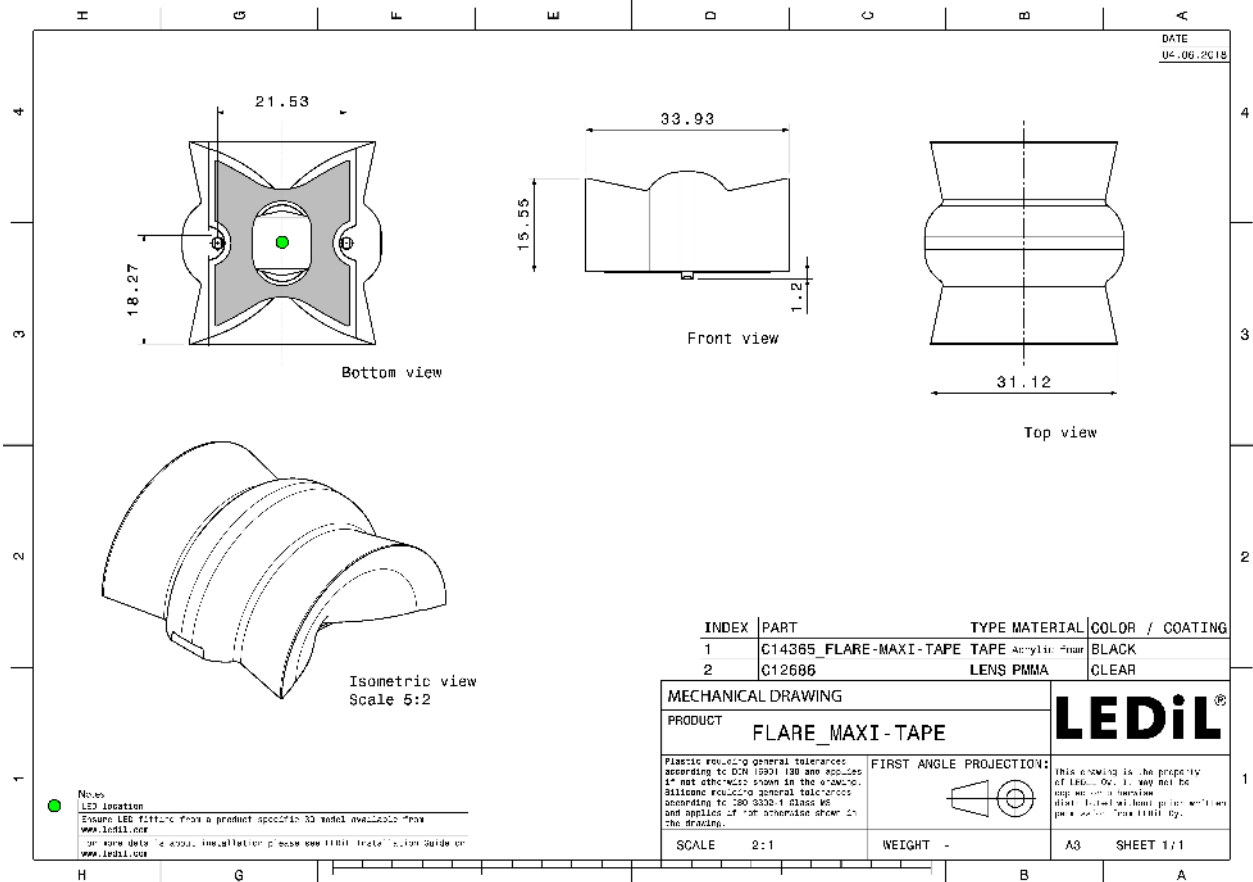


MATERIALS:

Component	Type	Material	Colour	Finish
FLARE-MAXI	Single lens	PMMA	clear	
FLARE-MAXI-TAPE	Tape	Acrylic foam	clear	

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA14366_FLARE-MAXI-TAPE	Single lens	864	144	72	9.7
» Box size:					



See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE LED

LED XM-L
FWHM / FWTM 96.0 + 15.0° / 175.0°
Efficiency 94 %
Peak intensity 2.1 cd/m
LEDs/each optic 1
Light colour White
Required components:

CREE LED

LED XM-L2
FWHM / FWTM 105.0 + 13.0°
Efficiency 96 %
LEDs/each optic 1
Light colour White
Required components:

CREE LED

LED XP-G
FWHM / FWTM 105.0 + 11.0° / 174.0°
Efficiency 94 %
Peak intensity 2.5 cd/m
LEDs/each optic 1
Light colour White
Required components:

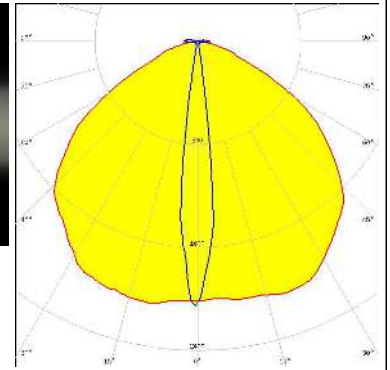
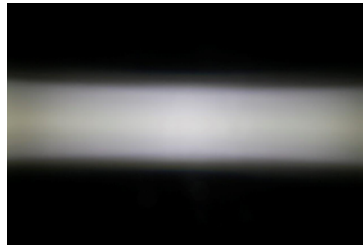
CREE LED

LED XP-G2
FWHM / FWTM 96.0 + 10.0° / 162.0°
Efficiency 94 %
Peak intensity 3.1 cd/m
LEDs/each optic 1
Light colour White
Required components:

OPTICAL RESULTS (MEASURED):

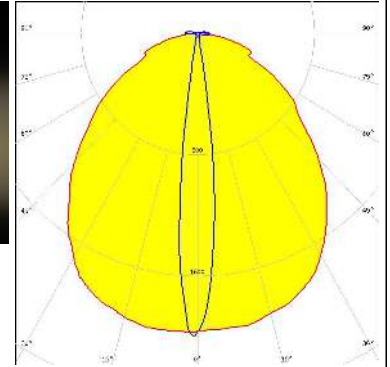
CREE → LED

LED XP-L HD
 FWHM / FWTM 115.0 + 13.0° / 149.0 + 19.0°
 Efficiency 94 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE → LED

LED XP-L2
 FWHM / FWTM 99.0 + 13.0° / 158.0 + 21.0°
 Efficiency 94 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE → LED

LED XT-E
 FWHM / FWTM 96.0 + 10.0° / 183.0°
 Efficiency 94 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

LUMILEDS

LED LUXEON Rebel ES
 FWHM / FWTM 91.0 + 10.0° / 164.0°
 Efficiency 94 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

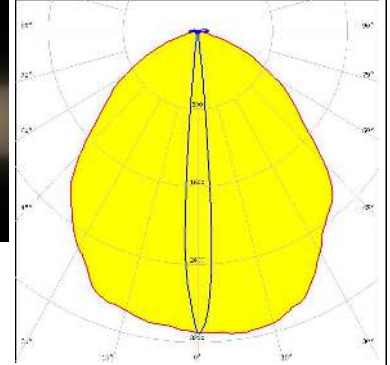
OPTICAL RESULTS (MEASURED):

LUMILEDS

LED LUXEON T
FWHM / FWTM 96.0 + 10.0° / 262.0°
Efficiency 92 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON TX
FWHM / FWTM 96.0 + 9.0° / 141.0°
Efficiency 94 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

LED NCSxx19B
FWHM / FWTM 98.0 + 9.0° / 170.0°
Efficiency 94 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

NICHIA

LED NVSxx19B/NVSxx19C
FWHM / FWTM 98.0 + 11.0° / 176.0°
Efficiency 94 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OPTICAL RESULTS (MEASURED):

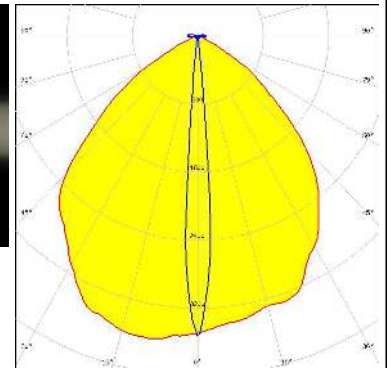
OSRAM

Opto Semiconductors

LED OSLON Square PC
 FWHM / FWTM 98.0 + 13.0° / 178.0°
 Efficiency 94 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

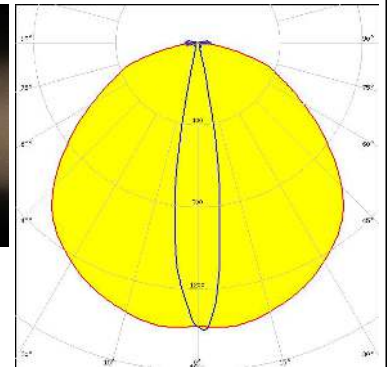
SAMSUNG

LED LH351Z
 FWHM / FWTM 94.0 + 8.8° / 125.0 + 13.0°
 Efficiency 94 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



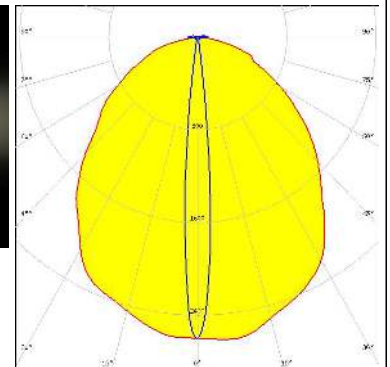
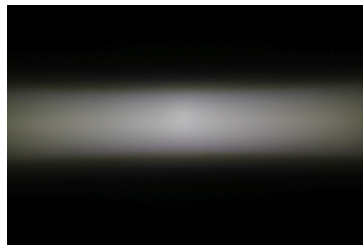
SEOUL SEMICONDUCTOR

LED WICOP 5050
 FWHM / FWTM 112.0 + 17.0° / 158.0 + 27.0°
 Efficiency 93 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



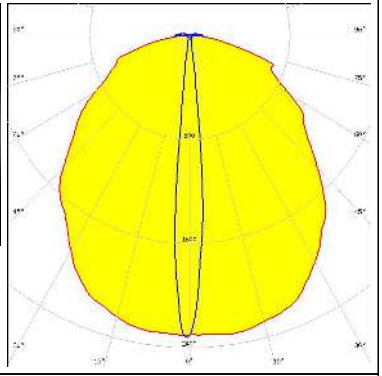

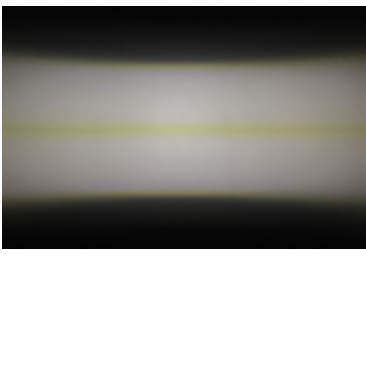
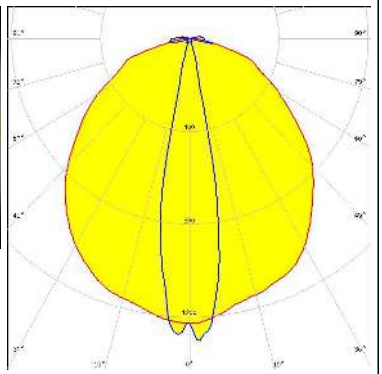


SEOUL SEMICONDUCTOR

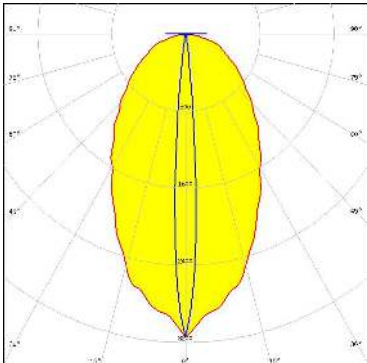
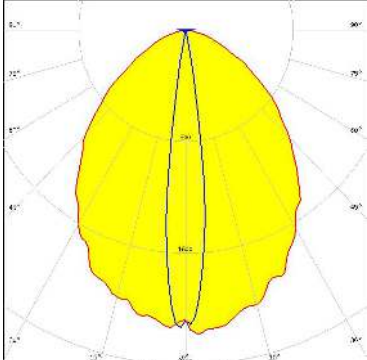
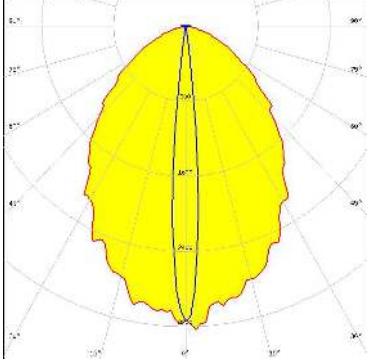
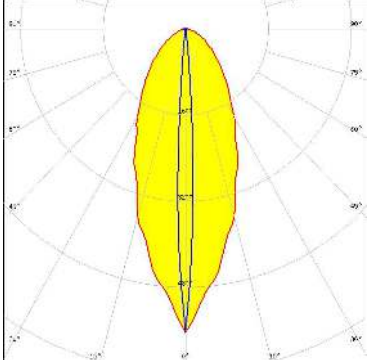
LED Z5M3
 FWHM / FWTM 97.0 + 10.0° / 154.0 + 17.0°
 Efficiency 94 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM / FWTM 104.0 + 10.0° / 160.0 + 17.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 2.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y50P</p> <p>FWHM / FWTM 105.0 + 21.0° / 155.0 + 29.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

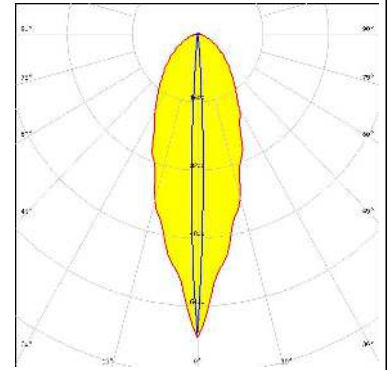
OPTICAL RESULTS (SIMULATED):

<p>CREE → LED</p> <p>LED: XD16 FWHM / FWTM: 62.0 + 8.0° / 146.0 + 15.0° Efficiency: 94 % Peak intensity: 3.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XHP35 HD FWHM / FWTM: 89.0 + 14.0° / 139.0 + 20.0° Efficiency: 91 % Peak intensity: 2.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XHP35 HI FWHM / FWTM: 82.0 + 10.0° / 136.0 + 15.0° Efficiency: 93 % Peak intensity: 3.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XP-E2 FWHM / FWTM: 6.0 + 41.0° / 13.0 + 109.0° Efficiency: 94 % Peak intensity: 5.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 4.0 + 34.0° / 10.0 + 107.0°
 Efficiency 95 %
 Peak intensity 7.1 cd/lm
 LEDs/each optic 1
 Light colour Red
 Required components:

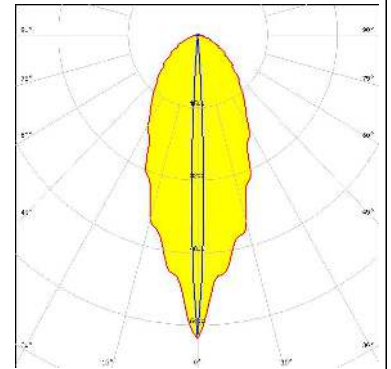


LUMILEDS

LED LUXEON H50-2
 FWHM / FWTM 9.5 + 64.0° / 137.0°
 Efficiency 92 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

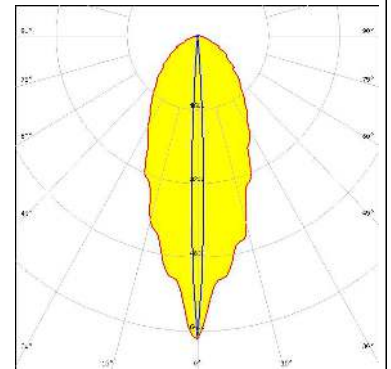
LUMILEDS

LED LUXEON Rubix
 FWHM / FWTM 41.0 + 4.0° / 118.0 + 10.0°
 Efficiency 96 %
 Peak intensity 6.7 cd/lm
 LEDs/each optic 1
 Light colour Blue
 Required components:

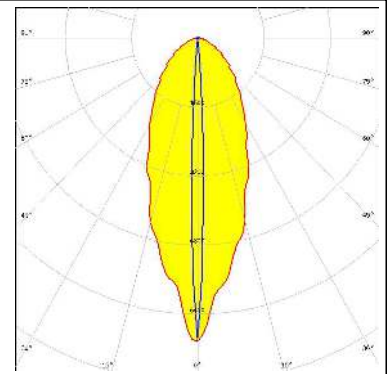
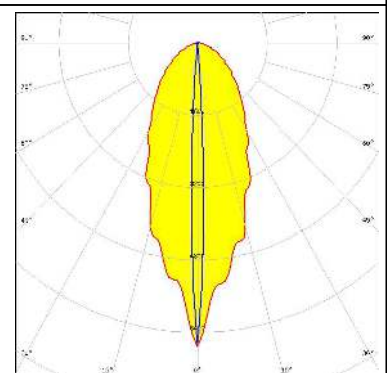
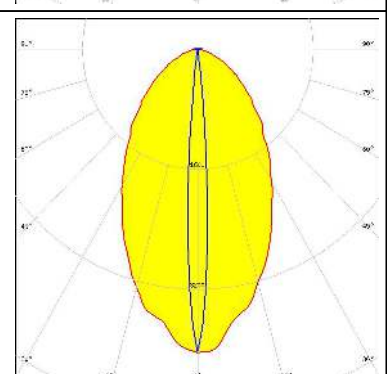
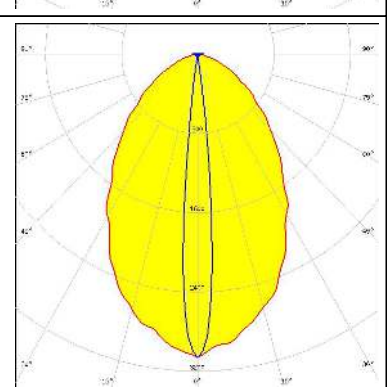


LUMILEDS

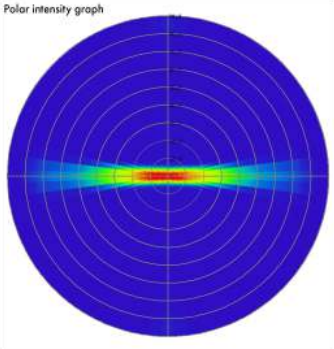
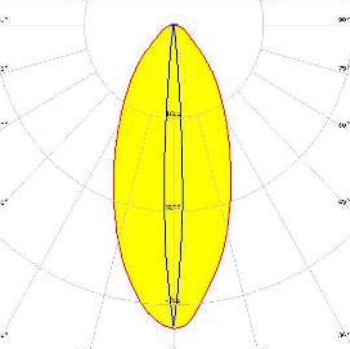
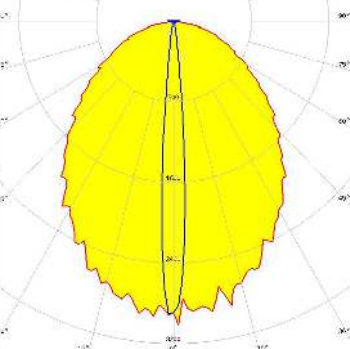
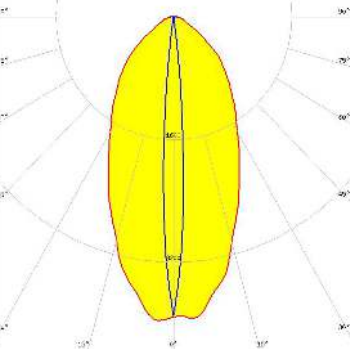
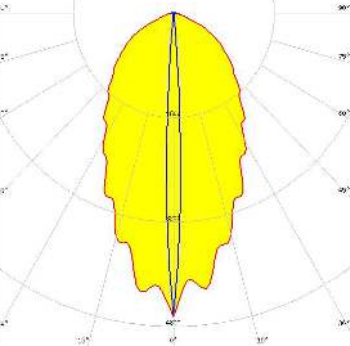
LED LUXEON Rubix
 FWHM / FWTM 41.0 + 4.0° / 118.0 + 10.0°
 Efficiency 96 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour Green
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON Rubix</p> <p>FWHM / FWTM: 39.0 + 4.0° / 114.0 + 10.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 7 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Red</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON Rubix</p> <p>FWHM / FWTM: 40.0 + 4.0° / 117.0 + 10.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 6.7 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>LUMINUS</p> <p>LED: SFT-40-WCS</p> <p>FWHM / FWTM: 61.0 + 8.0° / 129.0 + 14.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 4.1 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>LUMINUS</p> <p>LED: SFT-70X-WCS</p> <p>FWHM / FWTM: 72.0 + 10.0° / 132.0 + 16.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 3.1 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

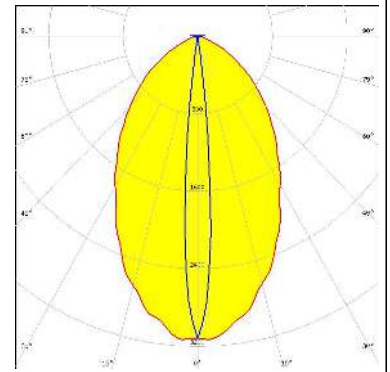
OPTICAL RESULTS (SIMULATED):

<p>LUMINUS</p> <p>LED SST-IRD-B90 FWHM / FWTM 55.0 + 8.0° / 104.0 + 12.0° Efficiency 95 % LEDs/each optic 1 Light colour IR Required components:</p>	<p>Polar intensity graph</p> 	
<p>NICHIA</p> <p>LED NCSxE17A FWHM / FWTM 90.0 + 9.0° / 150.0 + 18.0° Efficiency 94 % Peak intensity 3.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSOLON Square EC FWHM / FWTM 8.0 + 53.0° / 116.0 + 15.0° Efficiency 94 % Peak intensity 4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSOLON SSL 150 FWHM / FWTM 6.0 + 58.0° / 12.0 + 131.0° Efficiency 94 % Peak intensity 4.7 cd/lm LEDs/each optic 1 Light colour Red Required components:</p>		

OPTICAL RESULTS (SIMULATED):

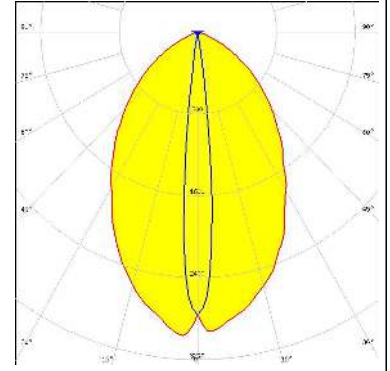
SAMSUNG

LED LH351B
 FWHM / FWTM 67.0 + 10.0° / 126.0 + 17.0°
 Efficiency 94 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

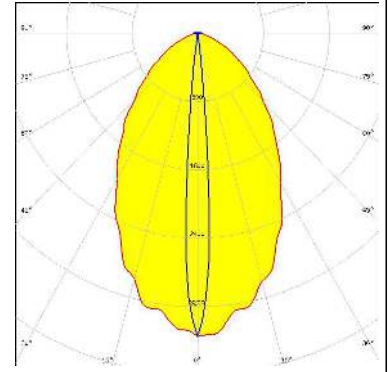


SAMSUNG

LED LH351C
 FWHM / FWTM 71.0 + 11.0° / 126.0 + 18.0°
 Efficiency 94 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED Z5M1/Z5M2
 FWHM / FWTM 67.0 + 8.0° / 127.0 + 14.0°
 Efficiency 94 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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