

G2-LAURA-RS-P

~8° spot beam. Assembly with thinner white holder, installation tape and location pins.

TECHNICAL SPECIFICATIONS:

Dimensions	21.6 x 21.6 mm
Height	13.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

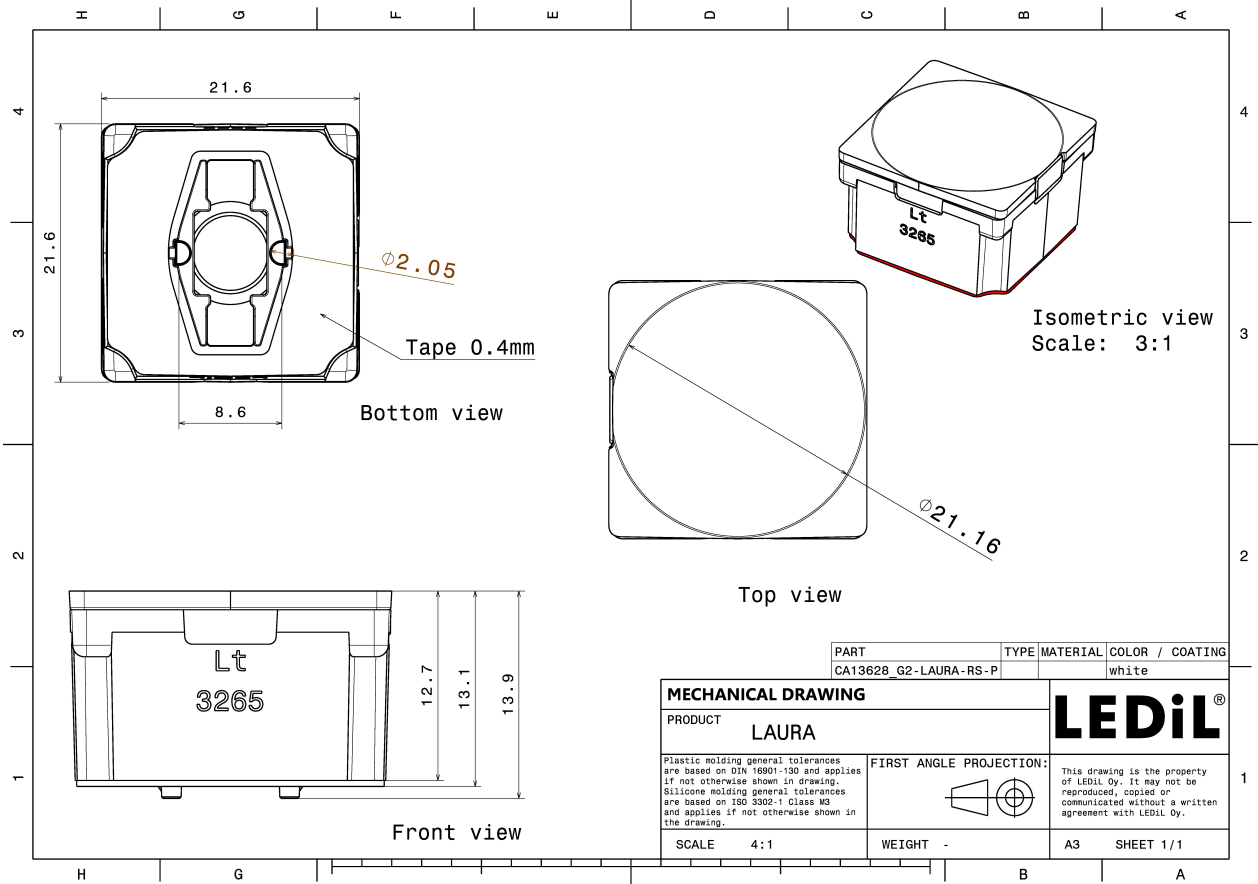
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LAURA-RS	Single lens	PMMA	clear	
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white	
ROSE-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA13628_G2-LAURA-RS-P » Box size:		360	180	5.9



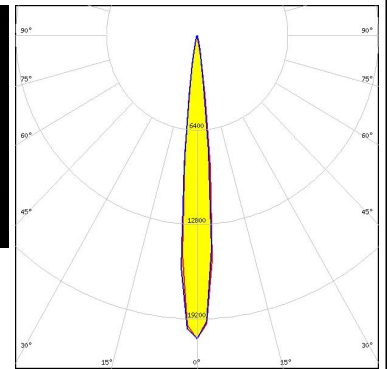


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

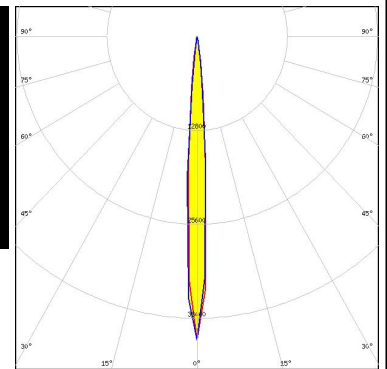
CREE LED

LED XB-H
 FWHM / FWTM 11.0° / 20.0°
 Efficiency 91 %
 Peak intensity 20.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



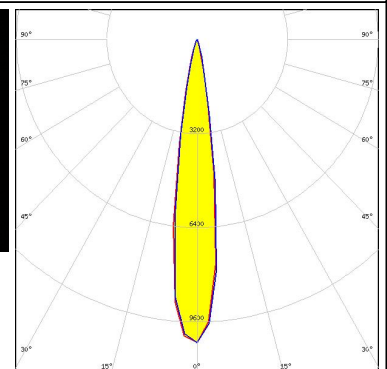
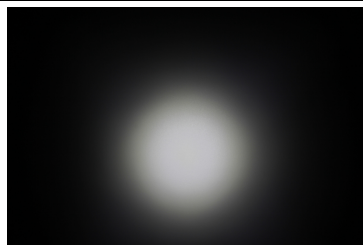
CREE LED

LED XP-E
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 93 %
 Peak intensity 33.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



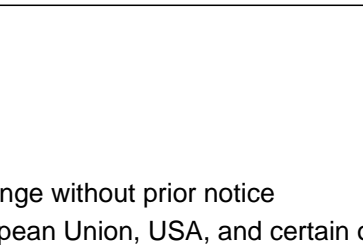
CREE LED

LED XP-E2
 FWHM / FWTM 8.0° / 15.0°
 Efficiency 91 %
 Peak intensity 41.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


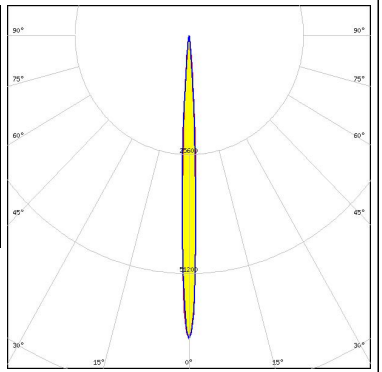
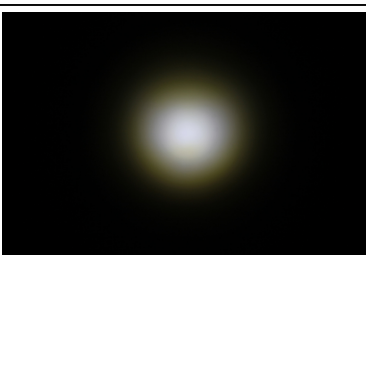
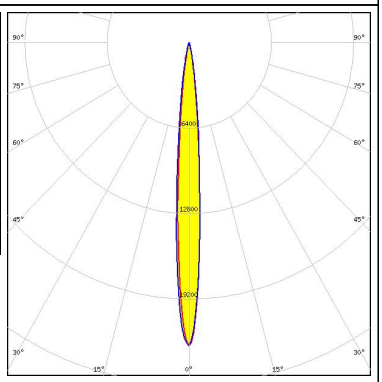

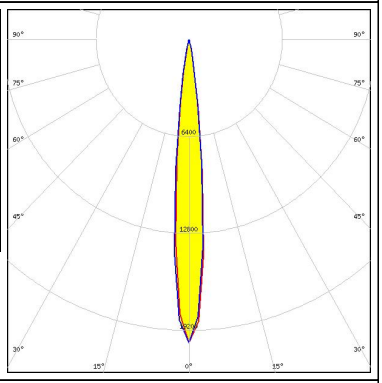

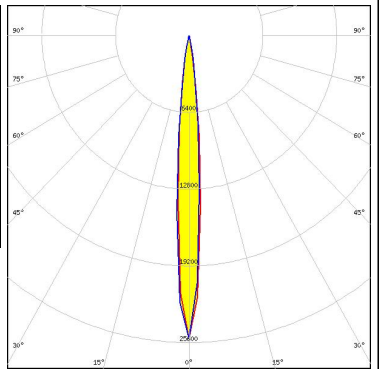


CREE LED


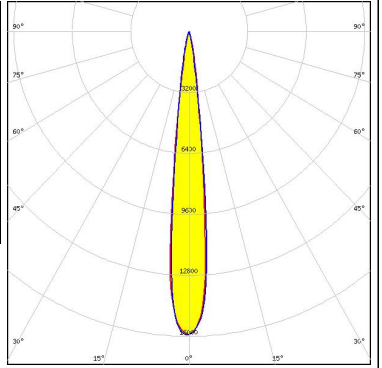

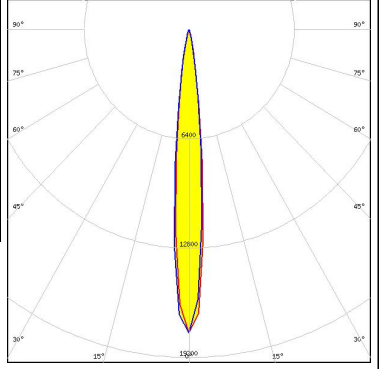

LED XP-L HD
 FWHM / FWTM 16.0° / 27.0°
 Efficiency 90 %
 Peak intensity 10.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

<p>CREE LED</p> <p>LED XQ-E HI FWHM / FWTM 5.0° / 11.0° Efficiency 94 % Peak intensity 65.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON 3030 2D (Round LES) FWHM / FWTM 9.0° / 20.0° Efficiency 92 % Peak intensity 22.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON TX FWHM / FWTM 11.0° / 21.0° Efficiency 90 % Peak intensity 20 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NCSxx19A FWHM / FWTM 10.0° / 20.0° Efficiency 90 % Peak intensity 25.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

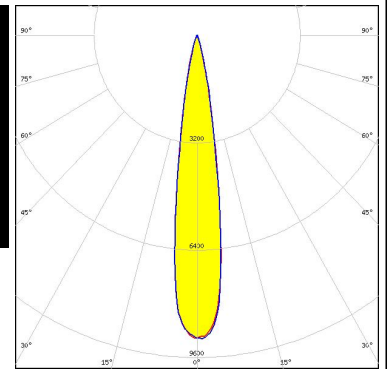
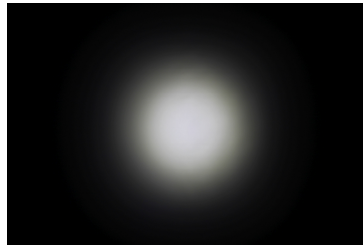
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NVSW219D FWHM / FWTM 12.0° / 22.0° Efficiency 94 % Peak intensity 15.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A FWHM / FWTM 12.0° / 23.0° Efficiency 90 % Peak intensity 17.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 12.0° / 24.0° Efficiency 90 % Peak intensity 16.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED PLPVEC2 850A FWHM / FWTM 6.0° / 14.0° Efficiency % LEDs/each optic 1 Light colour IR Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

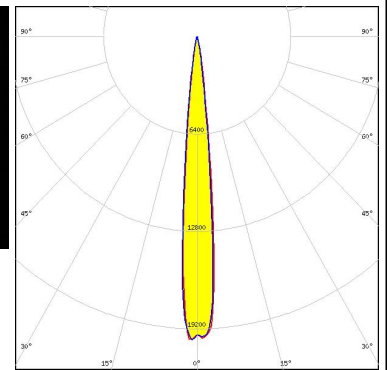
SAMSUNG

LED LH351D
 FWHM / FWTM 16.0° / 29.0°
 Efficiency 94 %
 Peak intensity 9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



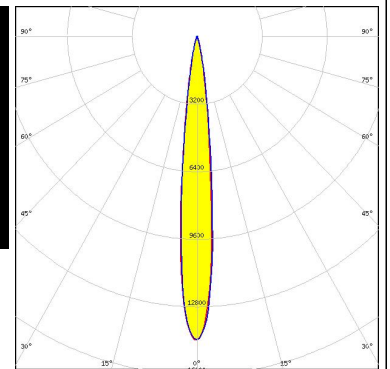
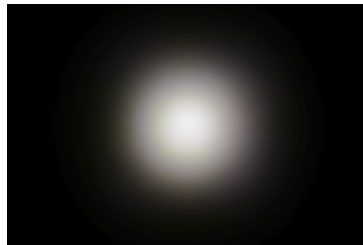
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
 FWHM / FWTM 11.0° / 19.0°
 Efficiency 91 %
 Peak intensity 20 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


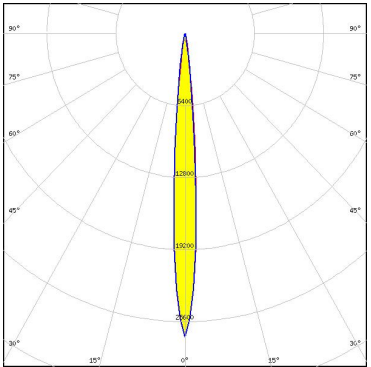

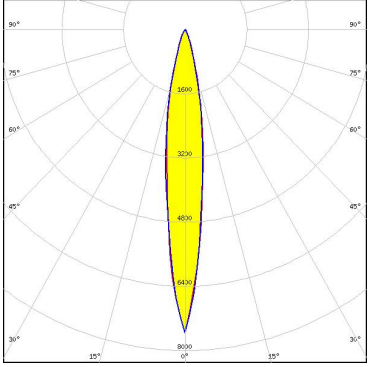

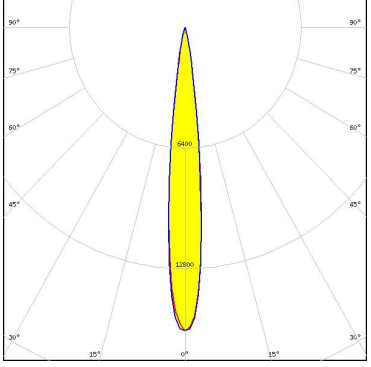

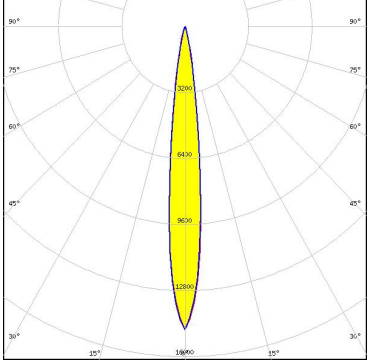


SEOUL SEMICONDUCTOR

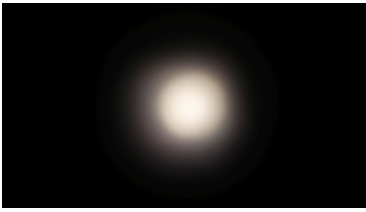
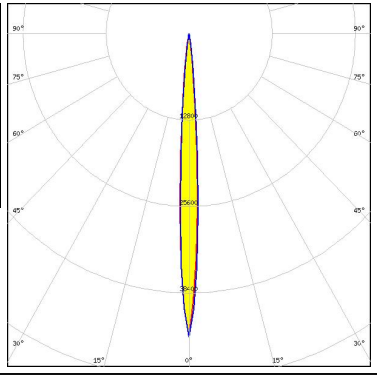
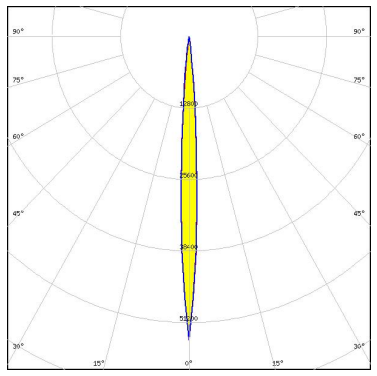
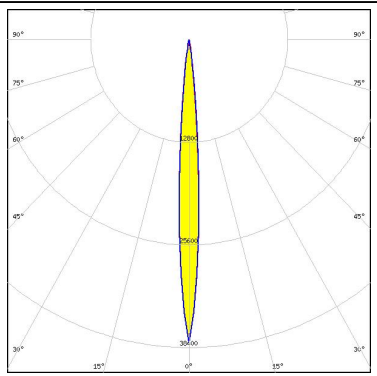
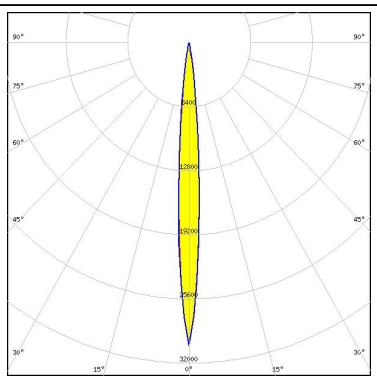
LED Z5M3
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 94 %
 Peak intensity 14.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

	<p>LED: XD16 FWHM / FWTM: 8.6° / 18.0° Efficiency: 93 % Peak intensity: 27 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
	<p>LED: XHP35 HD FWHM / FWTM: 14.0° / 35.0° Efficiency: 94 % Peak intensity: 7.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
	<p>LED: XHP35 HI FWHM / FWTM: 12.0° / 23.0° Efficiency: 94 % Peak intensity: 16.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
	<p>LED: XP-G3 FWHM / FWTM: 12.0° / 24.0° Efficiency: 92 % Peak intensity: 14.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p>CREE LED</p> <p>LED: XQ-E HD FWHM / FWTM: 6.9° / 14.5° Efficiency: 94 % Peak intensity: 44.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>LUMILEDS</p> <p>LED: LUXEON CZ FWHM / FWTM: 6.0° / 13.0° Efficiency: 95 % Peak intensity: 54.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>LUMILEDS</p> <p>LED: LUXEON Z ES FWHM / FWTM: 8.0° / 16.0° Efficiency: 95 % Peak intensity: 37.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>NICHIA</p> <p>LED: NCSxE17A FWHM / FWTM: 8.0° / 18.0° Efficiency: 95 % Peak intensity: 30.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

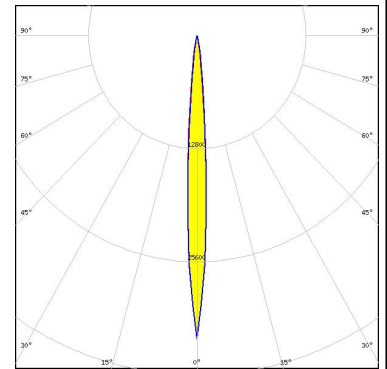
<p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM 10.0° / 21.0° Efficiency 94 % Peak intensity 21.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM Black FWHM / FWTM 9.5° / 20.0° Efficiency 97 % Peak intensity 23 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM Black Flat FWHM / FWTM 6.8° / 14.0° Efficiency 94 % Peak intensity 48.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM SSL 150 FWHM / FWTM 8.0° / 16.0° Efficiency 95 % Peak intensity 37.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

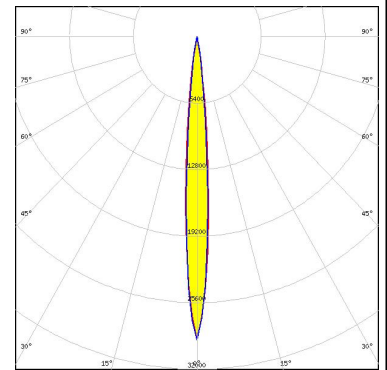
LED OSLON SSL 80
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 95 %
 Peak intensity 34.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

LED SFH 4715S
 FWHM / FWTM 9.0° / 18.0°
 Efficiency 95 %
 Peak intensity 29.2 cd/lm
 LEDs/each optic 1
 Light colour IR
 Required components:



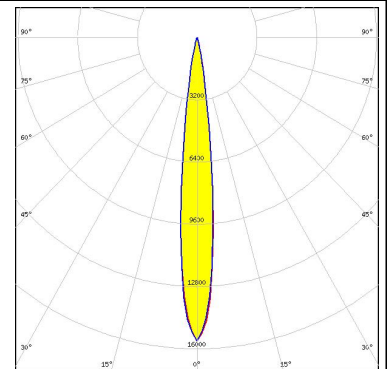
OSRAM

Opto Semiconductors

LED SFH 4770S
 FWHM / FWTM 10.0° / 23.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour White
 Required components:

SAMSUNG

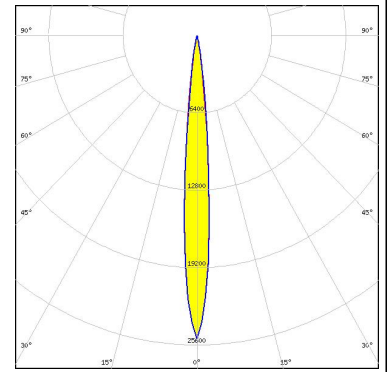
LED LH351B
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 95 %
 Peak intensity 15.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED	LH351Z
FWHM / FWTM	10.0° / 18.0°
Efficiency	93 %
Peak intensity	25 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.

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