

EMILY-D

~11° diffused spot beam. 14.74 mm high lens.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	14.7 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
EMILY-D	Single lens	PMMA	clear	
SPUTNIK-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:


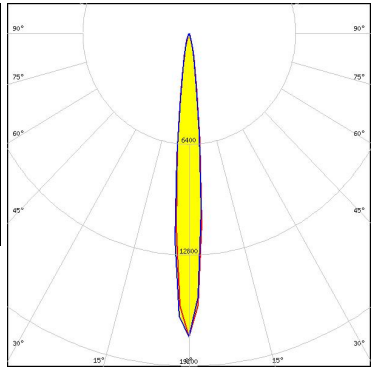

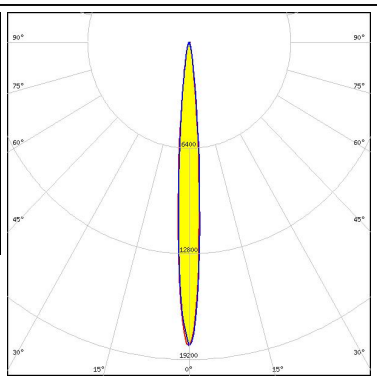

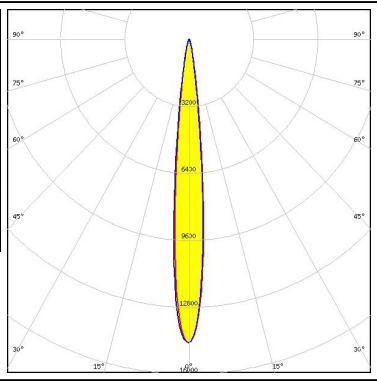

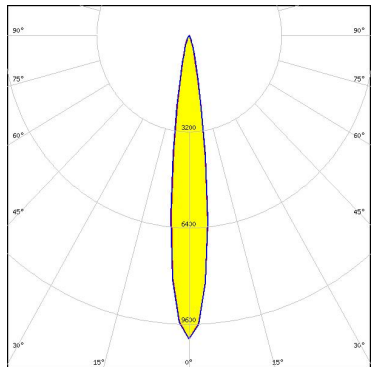
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12062_EMILY-D	Single lens	1690	260	130	10.5
» Box size: 480 x 280 x 300 mm					





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

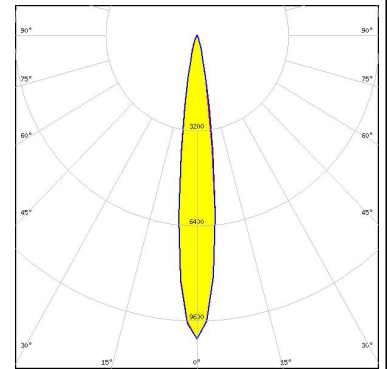
PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <p>LED XB-H FWHM / FWTM 10.0° / 22.0° Efficiency 89 % Peak intensity 17.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XD16 FWHM / FWTM 8.0° / 18.0° Efficiency 92 % Peak intensity 18.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XHP35 HI FWHM / FWTM 11.0° / 22.0° Efficiency 92 % Peak intensity 14.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XM-L FWHM / FWTM 14.0° / 27.0° Efficiency 90 % Peak intensity 10.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

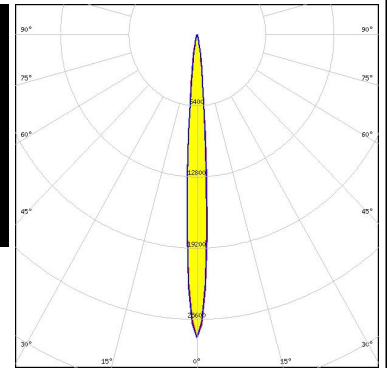
CREE LED

LED XM-L2
 FWHM / FWTM 14.0° / 27.0°
 Efficiency 90 %
 Peak intensity 10.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



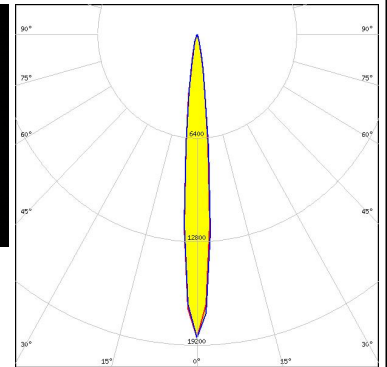
CREE LED

LED XP-E2
 FWHM / FWTM 8.0° / 18.0°
 Efficiency 87 %
 Peak intensity 27.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



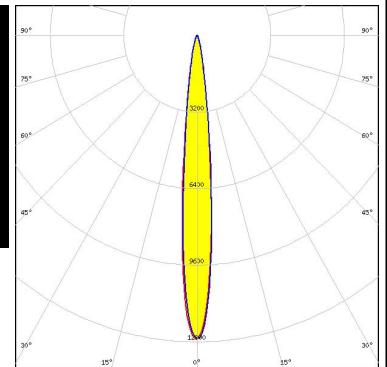
CREE LED

LED XP-G2
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 90 %
 Peak intensity 20.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

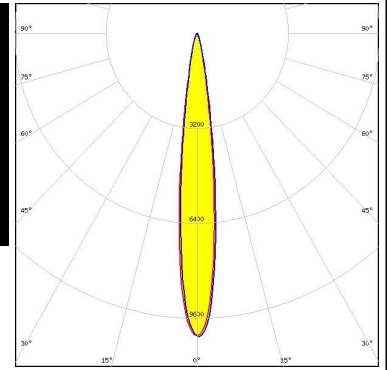
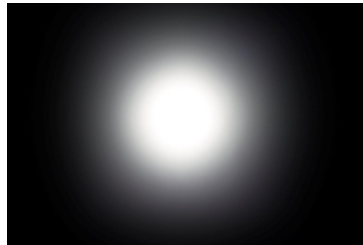
LED XP-G3
 FWHM / FWTM 11.0° / 24.0°
 Efficiency 94 %
 Peak intensity 13 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

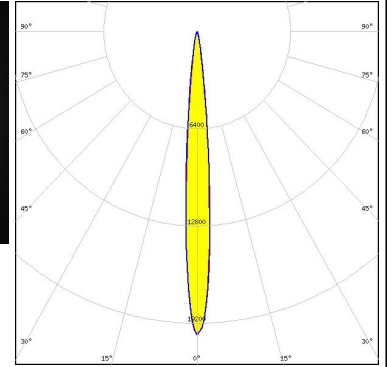
CREE LED

LED XP-L HD
 FWHM / FWTM 13.0° / 26.0°
 Efficiency 90 %
 Peak intensity 10.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XP-L HI
 FWHM / FWTM 9.0° / 19.0°
 Efficiency 87 %
 Peak intensity 20 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



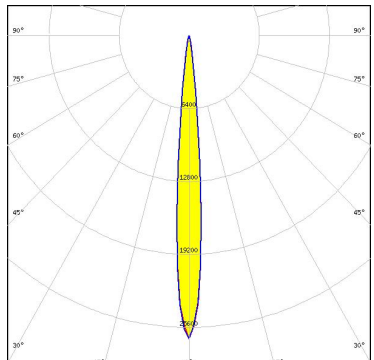

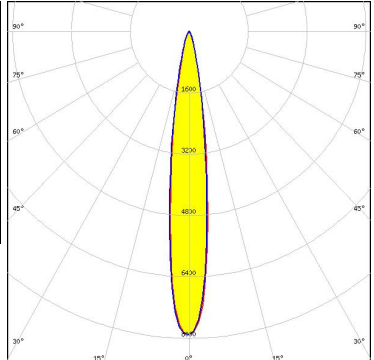


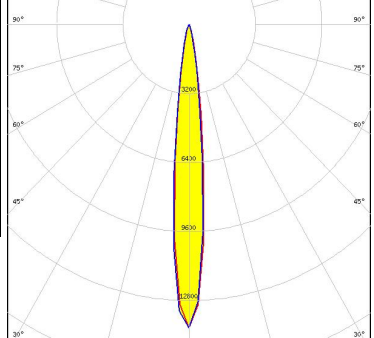
CREE LED

LED XT-E
 FWHM / FWTM 9.0°
 Efficiency %
 Peak intensity 14 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

LUMILEDS

LED LUXEON A
 FWHM / FWTM 11.0°
 Efficiency 91 %
 LEDs/each optic 1
 Light colour White
 Required components:

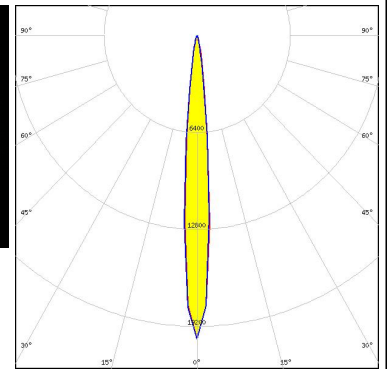
PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON Rebel ES</p> <p>FWHM / FWTM 10.0°</p> <p>Efficiency 91 %</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NS9x383</p> <p>FWHM / FWTM 14.0° / 30.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 7.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM Square EC</p> <p>FWHM / FWTM 9.0° / 20.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 20.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SAMSUNG</p> <p>LED LH351B</p> <p>FWHM / FWTM 12.0° / 25.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 14 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

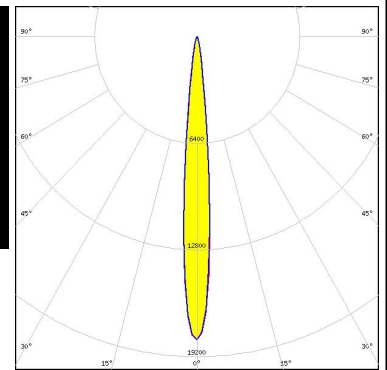
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SAMSUNG

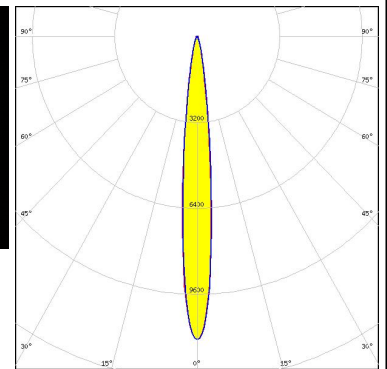
LED LH351Z
 FWHM / FWTM 10.0° / 21.0°
 Efficiency 88 %
 Peak intensity 20 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED Z5M1/Z5M2
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 94 %
 Peak intensity 18.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



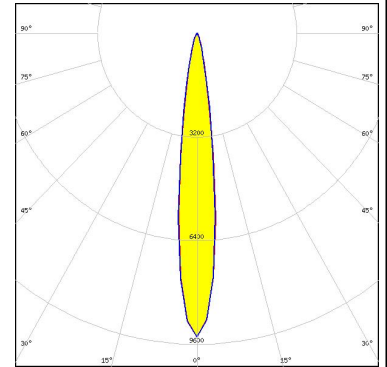
SEOUL SEMICONDUCTOR
 LED Z8Y22P
 FWHM / FWTM 11.0° / 24.0°
 Efficiency 93 %
 Peak intensity 11.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



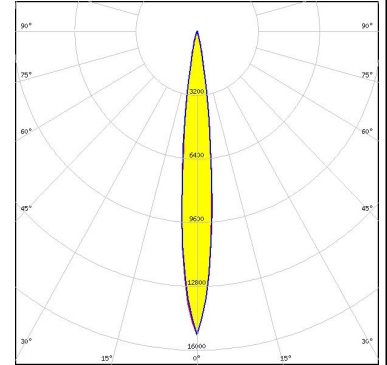
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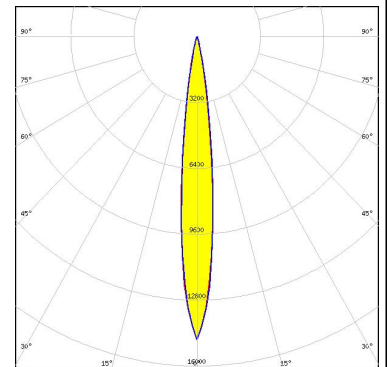
LED XM-L HVW
 FWHM / FWTM 14.0° / 27.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:



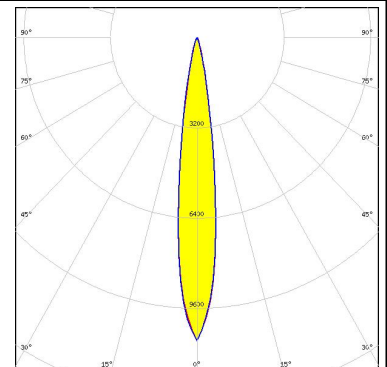
LED XP-G2 HE
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 95 %
 Peak intensity 15.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



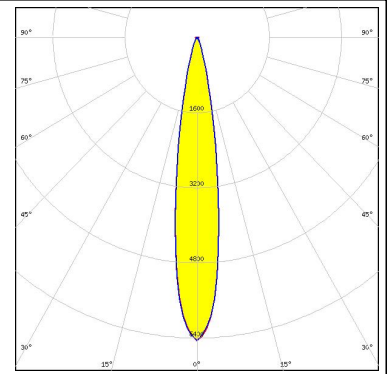
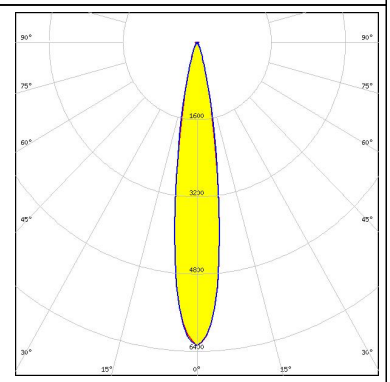
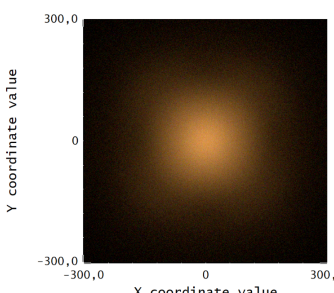
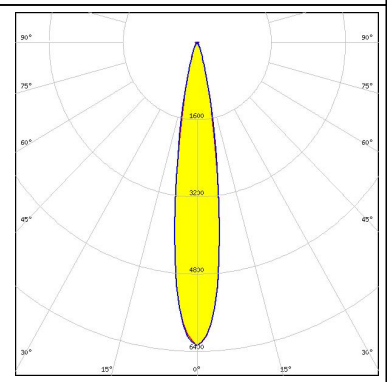
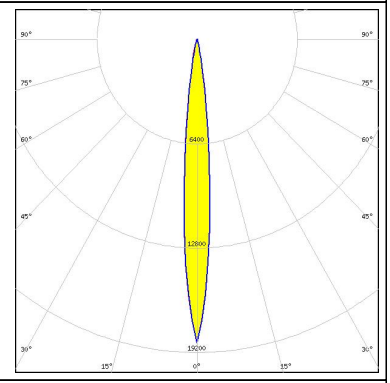
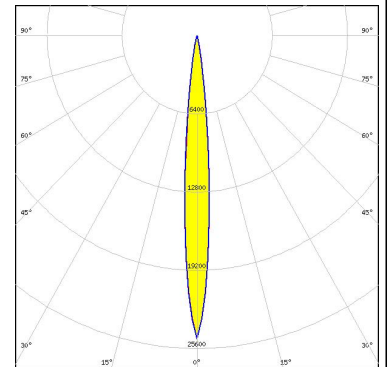
LED LUXEON HL2X
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 96 %
 Peak intensity 14.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON MZ
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 95 %
 Peak intensity 10.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

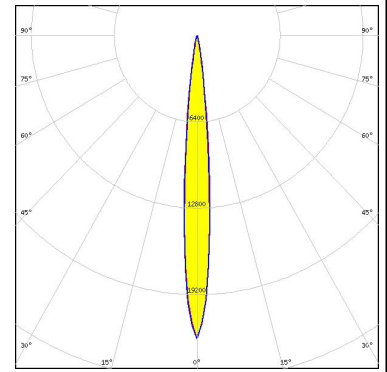
<p>NICHIA</p> <p>LED: NCSxE17A FWHM / FWTM: 10.0° / 20.0° Efficiency: 93 % Peak intensity: 21.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>NICHIA</p> <p>LED: NCSxE17A FWHM / FWTM: 16.0° / 34.0° Efficiency: 89 % Peak intensity: 6.3 cd/lm LEDs/each optic: 4 Light colour: White Required components:</p>	 	
<p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: 10.0° / 22.0° Efficiency: 94 % Peak intensity: 18.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ C 2424 FWHM / FWTM: 10.0° / 18.0° Efficiency: 96 % Peak intensity: 24.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

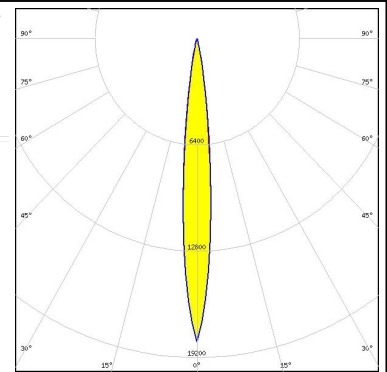
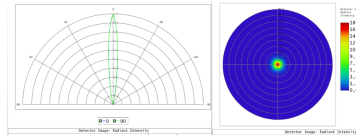
LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 9.9° / 20.0°
 Efficiency 94 %
 Peak intensity 22.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

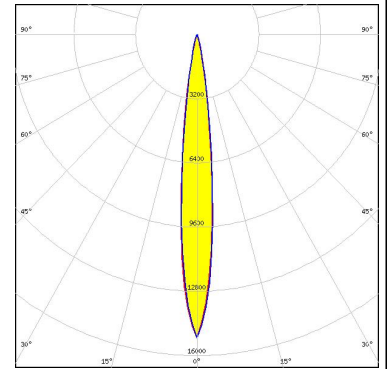
Opto Semiconductors

LED SFH 4725AS
 FWHM / FWTM 11.0° / 22.0°
 Efficiency 95 %
 LEDs/each optic 1
 Light colour IR
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M4
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 96 %
 Peak intensity 15.1 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:

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