

EMILY-M

~20° medium beam. 14.85 mm high lens.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	14.9 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12064_EMILY-M	Single lens	1690	260	130	10.7
» Box size: 480 x 280 x 300 mm					





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

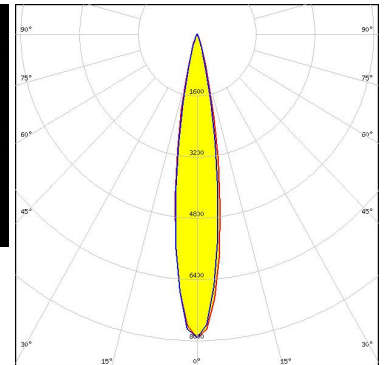
PHOTOMETRIC DATA (MEASURED):

CREE LED

LED XM-L
 FWHM / FWTM 18.0°
 Efficiency 93 %
 LEDs/each optic 1
 Light colour White
 Required components:

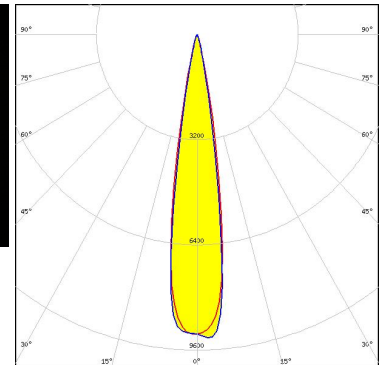
CREE LED

LED XM-L2
 FWHM / FWTM 18.0° / 33.0°
 Efficiency 90 %
 Peak intensity 7.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



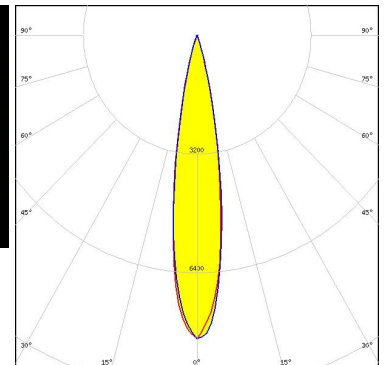
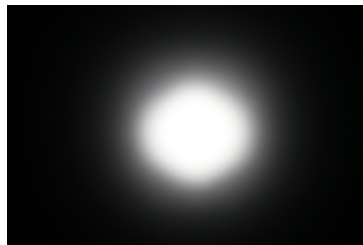
CREE LED

LED XP-E2
 FWHM / FWTM 17.0° / 27.0°
 Efficiency 87 %
 Peak intensity 9.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

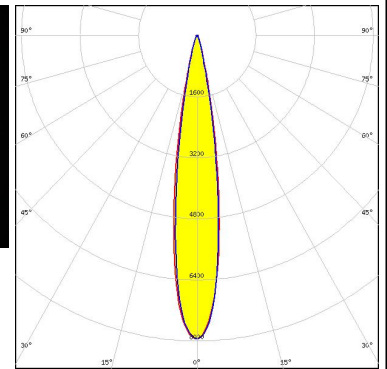
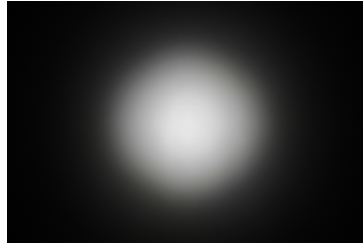
LED XP-G2
 FWHM / FWTM 18.0° / 29.0°
 Efficiency 90 %
 Peak intensity 10.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

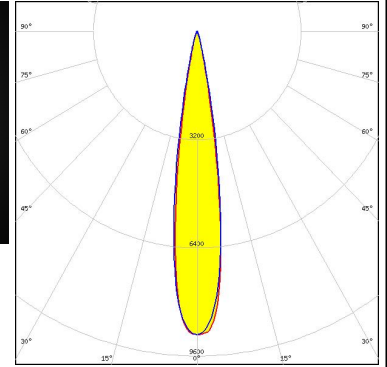
CREE LED

LED XP-G3
 FWHM / FWTM 17.0° / 30.0°
 Efficiency 94 %
 Peak intensity 8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XP-L HI
 FWHM / FWTM 17.0° / 27.0°
 Efficiency 88 %
 Peak intensity 9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



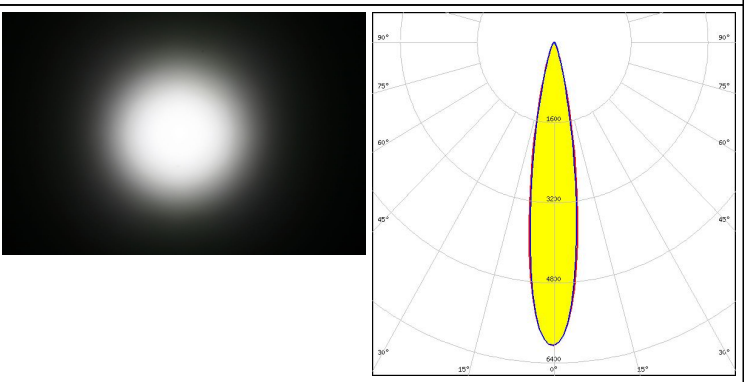
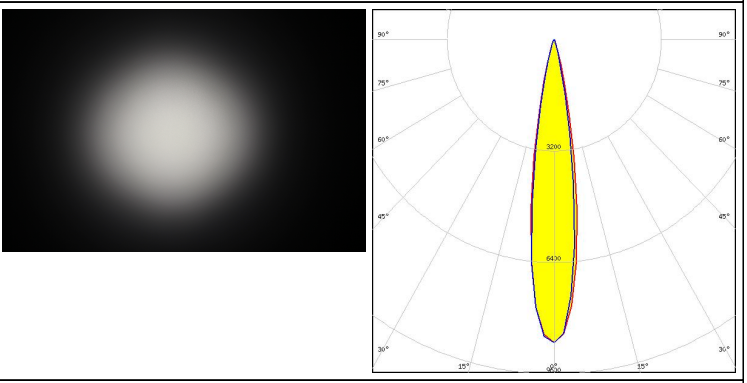
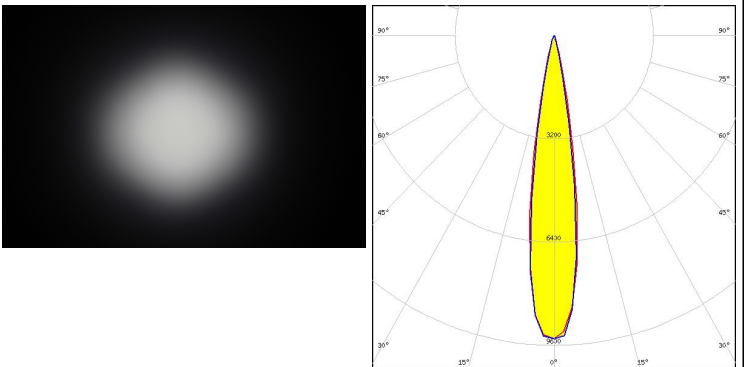
CREE LED

LED XT-E
 FWHM / FWTM 17.0°
 Efficiency %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

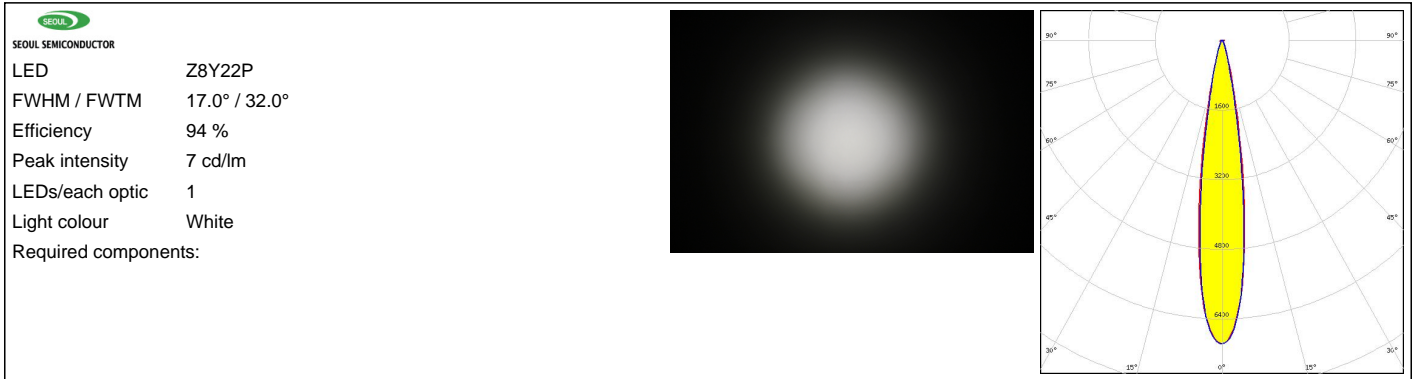
LUMILEDS

LED LUXEON A
 FWHM / FWTM 18.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour White
 Required components:

PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED: LUXEON Rebel ES FWHM / FWTM: 18.0° Efficiency: 90 % LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NS9x383 FWHM / FWTM: 18.0° / 35.0° Efficiency: 90 % Peak intensity: 6.1 cd/m LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SAMSUNG</p> <p>LED: LH351B FWHM / FWTM: 17.0° / 30.0° Efficiency: 88 % Peak intensity: 8.7 cd/m LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SAMSUNG</p> <p>LED: LH351Z FWHM / FWTM: 18.0° / 29.0° Efficiency: 89 % Peak intensity: 9.4 cd/m LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (MEASURED):



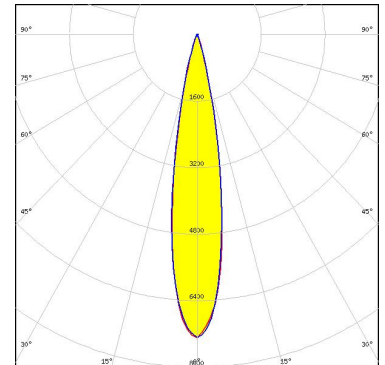
PHOTOMETRIC DATA (SIMULATED):



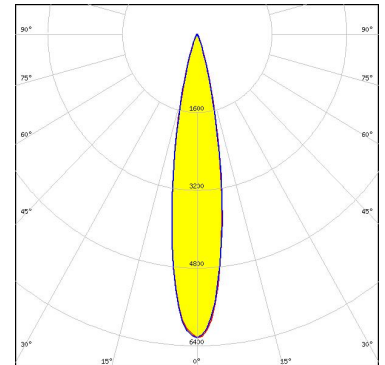
LED XM-L HVW
 FWHM / FWTM 19.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:



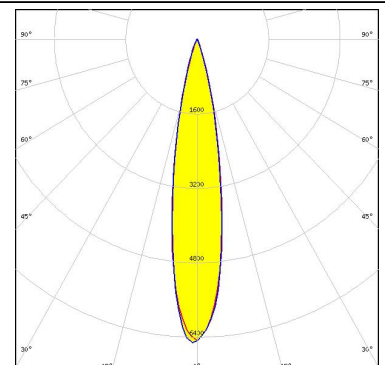
LED XP-G2 HE
 FWHM / FWTM 18.0° / 33.0°
 Efficiency 94 %
 Peak intensity 7.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



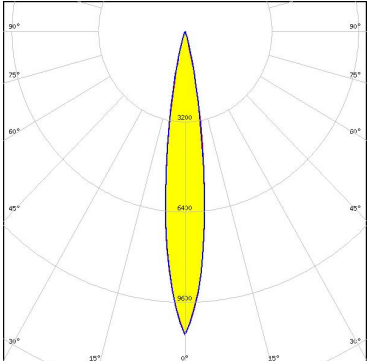
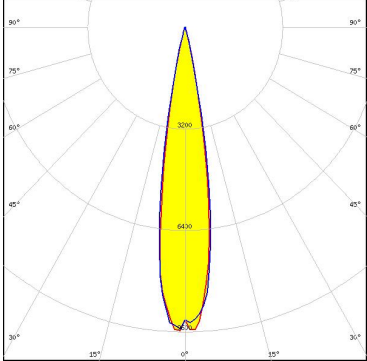
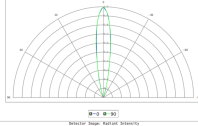
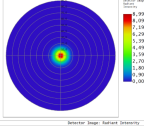
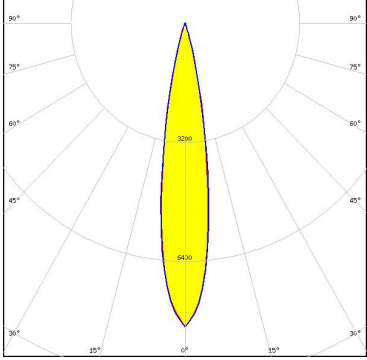
LED XP-L2
 FWHM / FWTM 20.0° / 36.0°
 Efficiency 94 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON MZ
 FWHM / FWTM 19.0° / 36.0°
 Efficiency 96 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED: OSLOn Black</p> <p>FWHM / FWTM: 15.0° / 27.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 10.9 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: OSLOn Black Flat</p> <p>FWHM / FWTM: 17.0° / 28.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 10 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: SFH 4725AS</p> <p>FWHM / FWTM: 18.0° / 32.0°</p> <p>Efficiency: 94 %</p> <p>LEDs/each optic: 1</p> <p>Light colour: IR</p> <p>Required components:</p>	<div style="display: flex; align-items: center;">    </div>

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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