

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 ⓘ

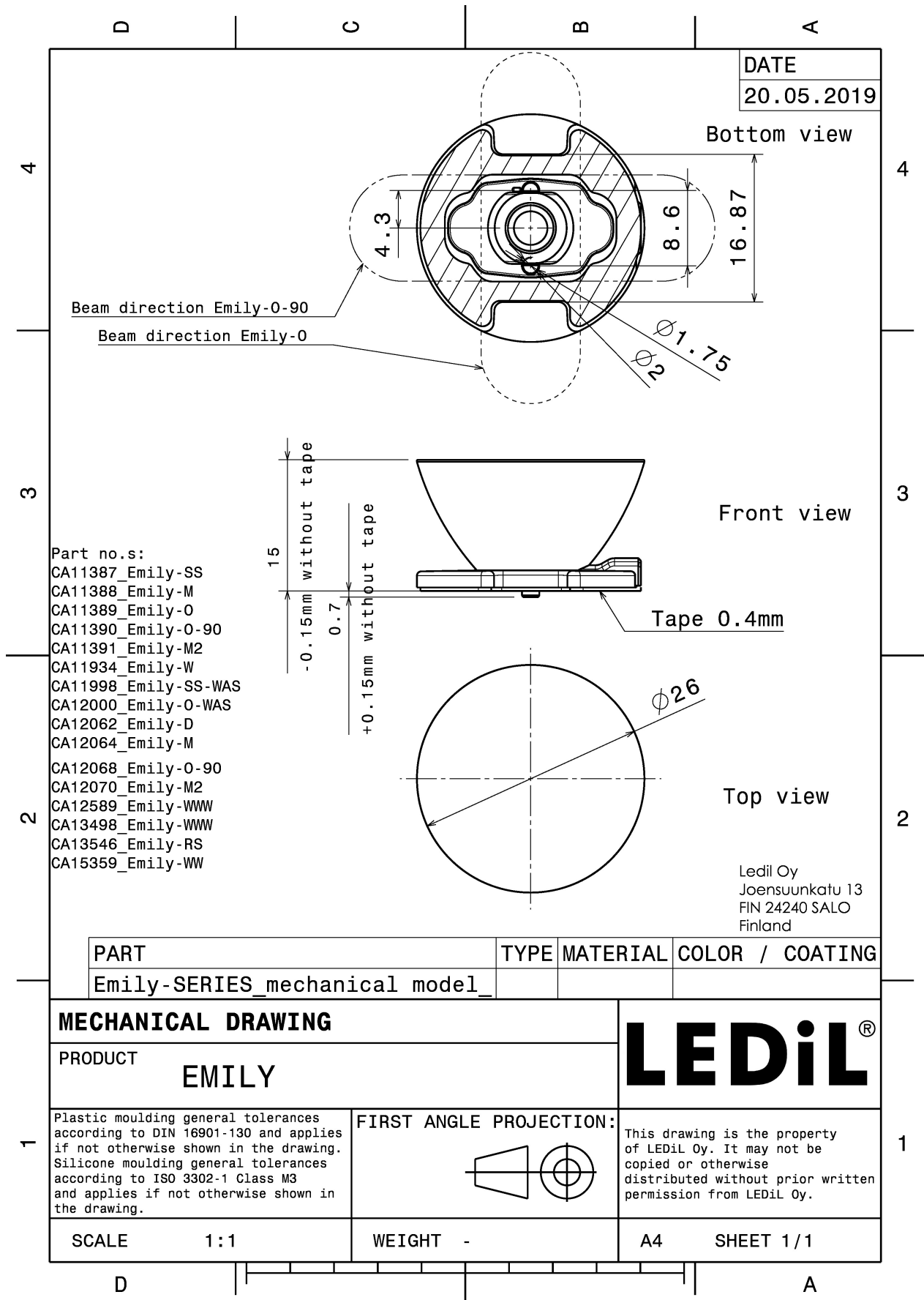
MATERIAL SPECIFICATIONS:

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					



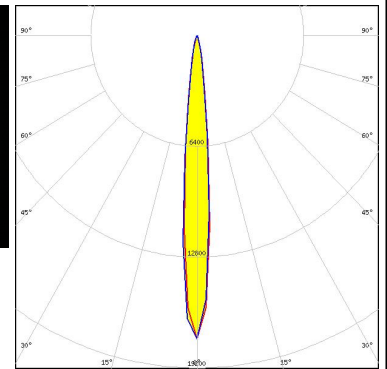


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

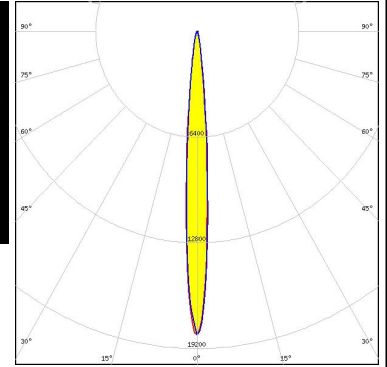
CREE → LED

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:



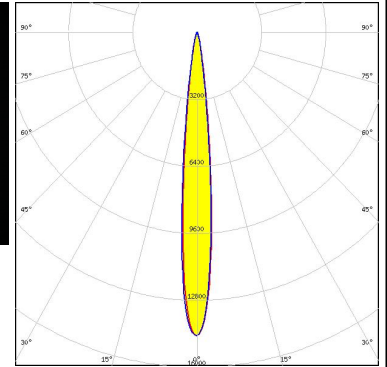
CREE → LED

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:



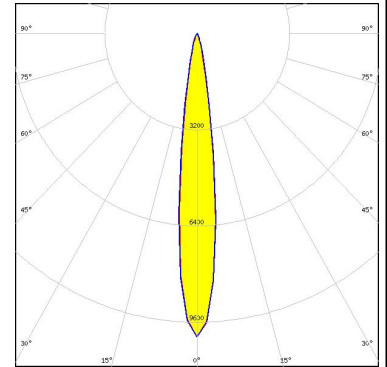
CREE → LED

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:



CREE → LED

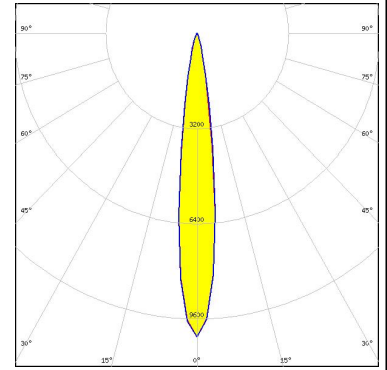
LED XM-L
 FWHM / FWTM 14.0° / 27.0°
 Efficiency 90 %
 Peak intensity 10.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

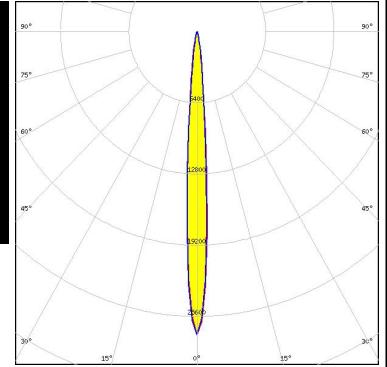
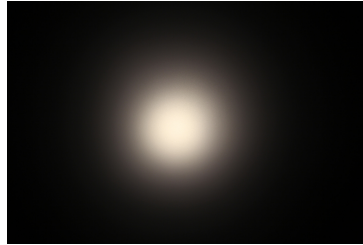
CREE LED

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:



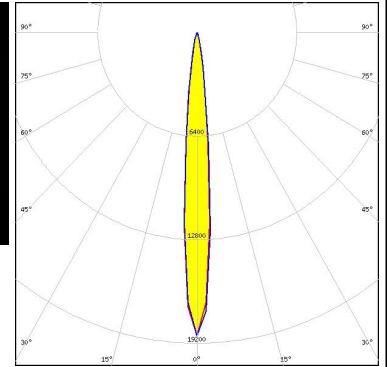
CREE LED

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:



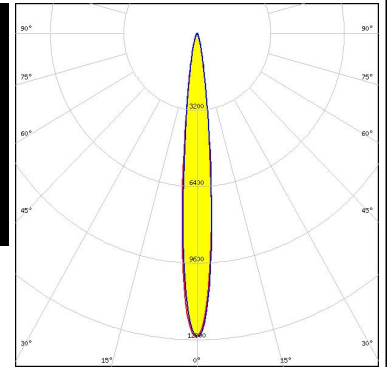
CREE LED

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

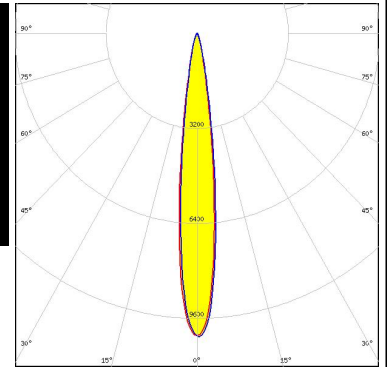
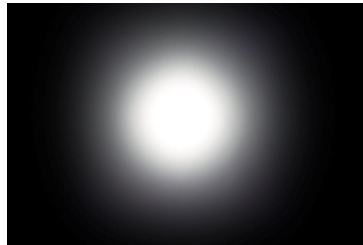
LED XP-G3
 FWHM / FWTM 11.0° / 24.0°
 Efficiency 94 %
 Peak intensity 13 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

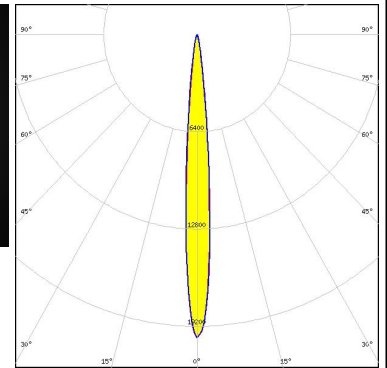
CREE LED

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:



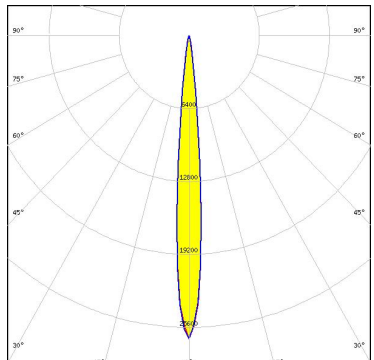

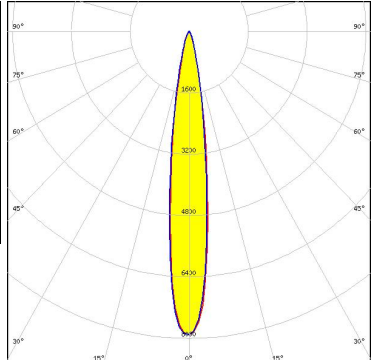


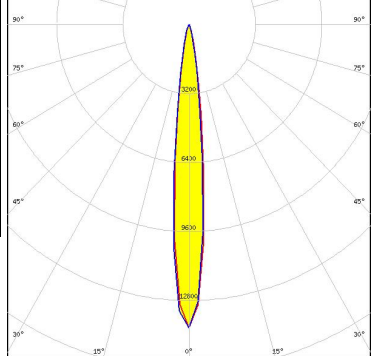
CREE LED

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:

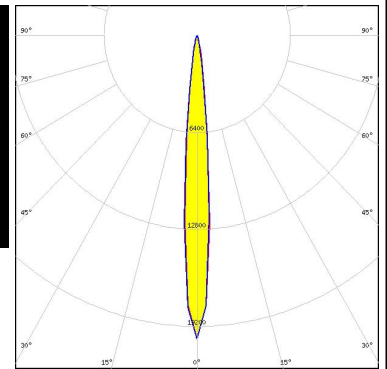
PHOTOMETRIC DATA (MEASURED):

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

PHOTOMETRIC DATA (MEASURED):

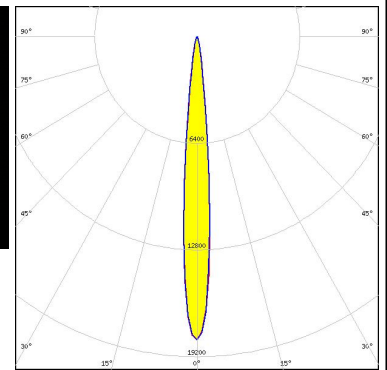
SAMSUNG

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



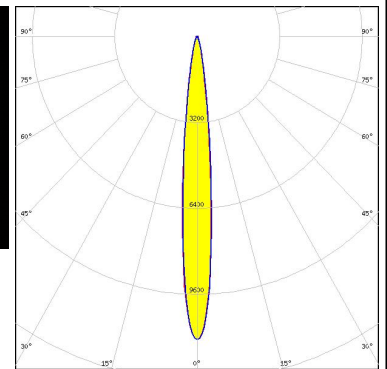
SEOUL SEMICONDUCTOR

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:



PHOTOMETRIC DATA (SIMULATED):

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

PHOTOMETRIC DATA (SIMULATED):

<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 Opto Semiconductors</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>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSOLON 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:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED SFH 4725AS FWHM / FWTM 11.0° / 22.0° Efficiency 95 % LEDs/each optic 1 Light colour IR Required components:</p>	

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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