

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 ⓘ

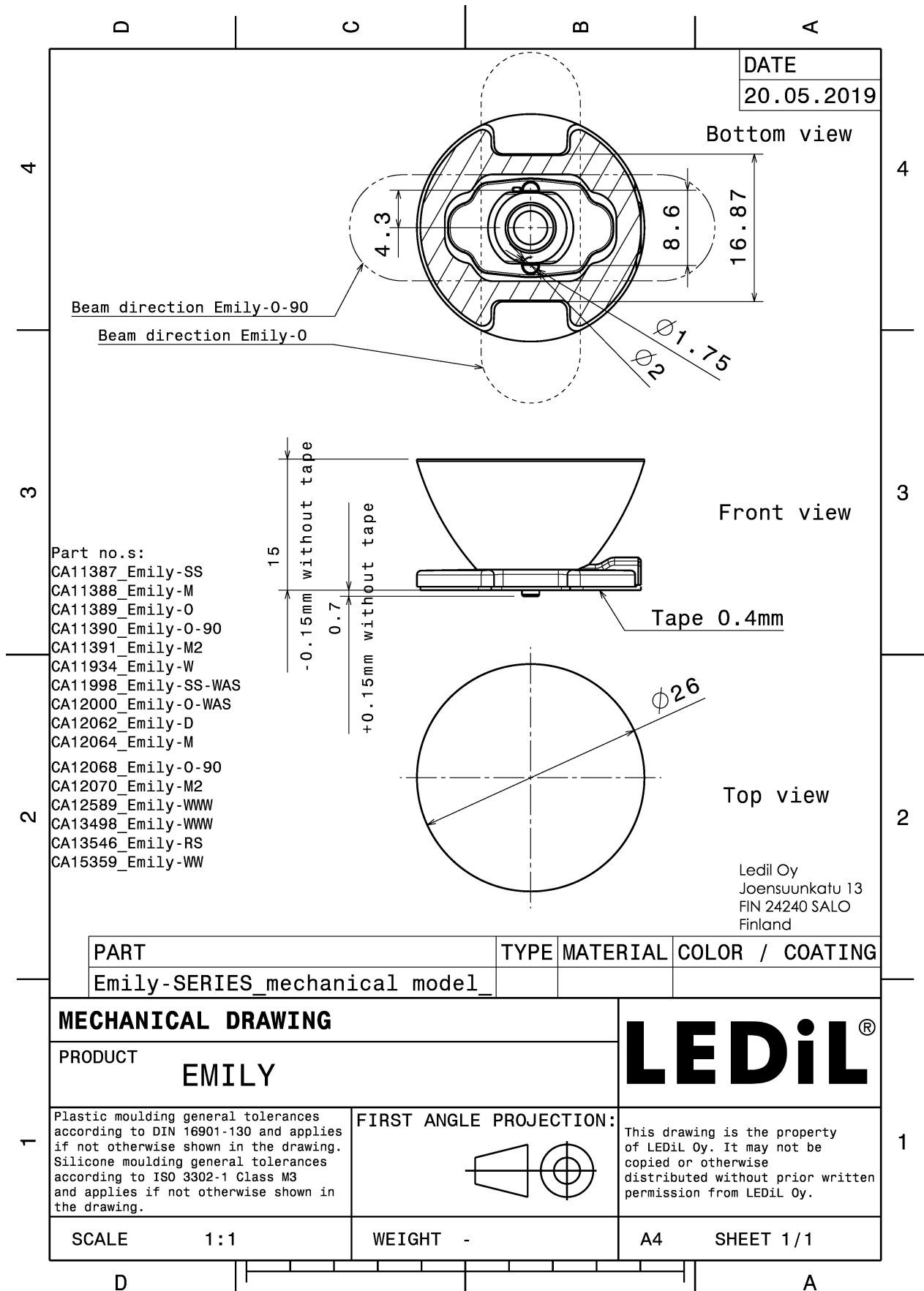
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
EMILY-D	Single lens	PMMA		
SPUTNIK-TAPE	Tape	PU tape		



ORDERING INFORMATION:

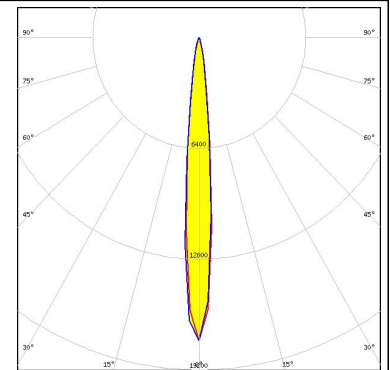
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA12062_EMILY-D » Box size: 480 x 280 x 300 mm	Single lens	1690	260	130	10.5



PHOTOMETRIC DATA (MEASURED):

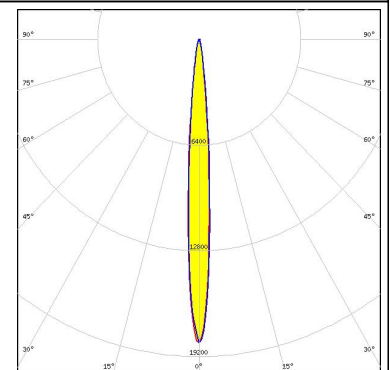
CREE 

LED XB-H
 FWHM 10.0°
 Efficiency 89 %
 Peak intensity 17.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



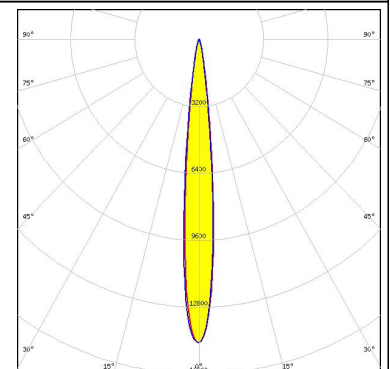
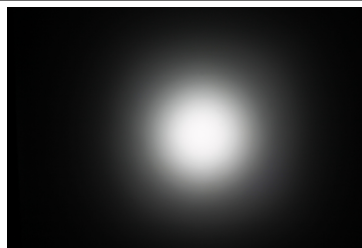
CREE 

LED XD16
 FWHM 8.0°
 Efficiency 92 %
 Peak intensity 18.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



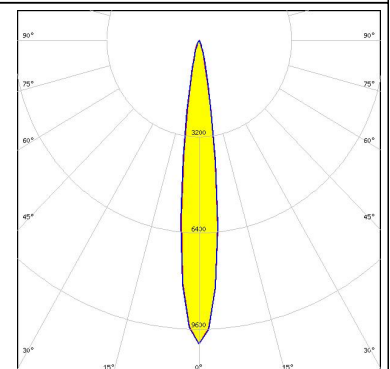
CREE 

LED XHP35 HI
 FWHM 11.0°
 Efficiency 92 %
 Peak intensity 14.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE 

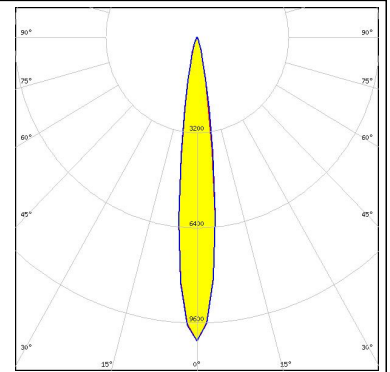
LED XM-L
 FWHM 14.0°
 Efficiency 90 %
 Peak intensity 10.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

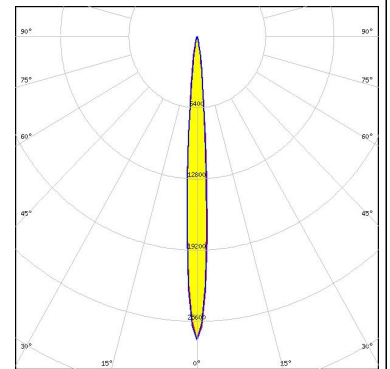
CREE

LED XM-L2
 FWHM 14.0°
 Efficiency 90 %
 Peak intensity 10.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



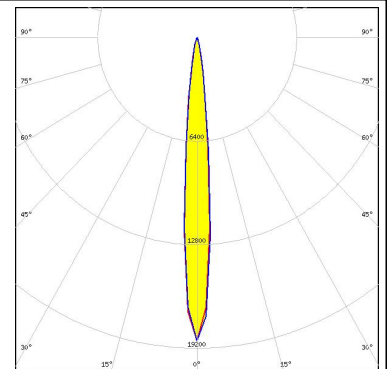
CREE

LED XP-E2
 FWHM 8.0°
 Efficiency 87 %
 Peak intensity 27.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



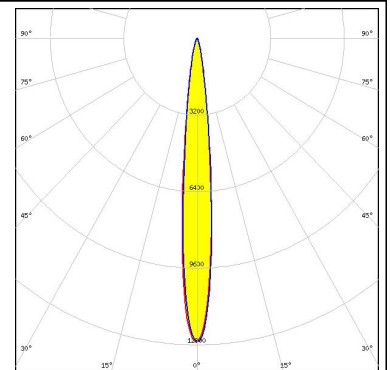
CREE

LED XP-G2
 FWHM 10.0°
 Efficiency 90 %
 Peak intensity 20.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

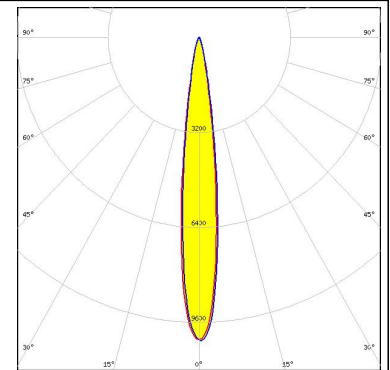
LED XP-G3
 FWHM 11.0°
 Efficiency 94 %
 Peak intensity 13.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

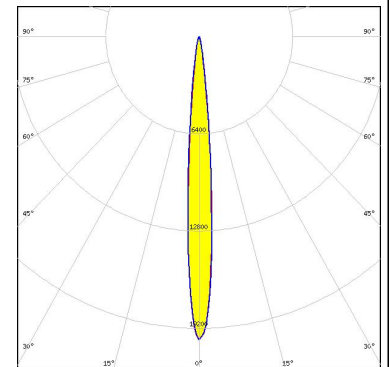
CREE

LED XP-L HD
 FWHM 13.0°
 Efficiency 90 %
 Peak intensity 10.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

LED XP-L HI
 FWHM 9.0°
 Efficiency 87 %
 Peak intensity 20.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

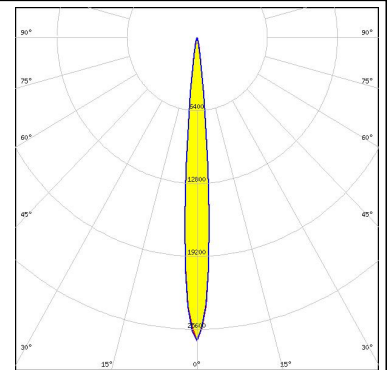
LED XT-E
 FWHM 9.0°
 Efficiency %
 Peak intensity 14.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

LUMILEDS

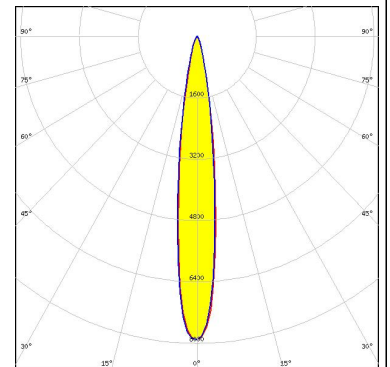
LED LUXEON A
 FWHM 11.0°
 Efficiency 91 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

PHOTOMETRIC DATA (MEASURED):

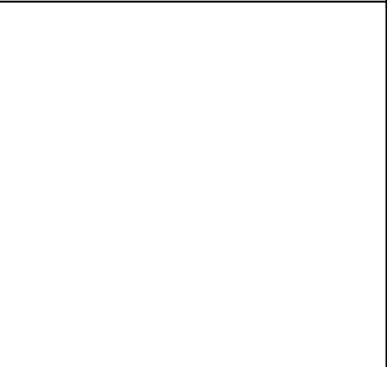
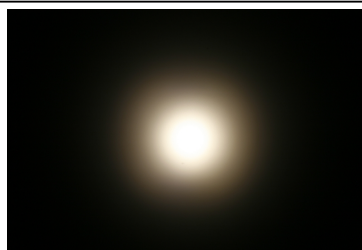
LUMILEDS
 LED LUXEON Rebel ES
 FWHM 10.0°
 Efficiency 91 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



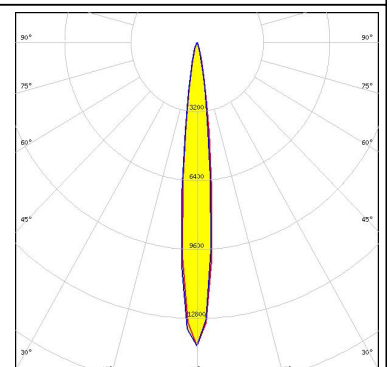
NICHIA
 LED NS9x383
 FWHM 14.0°
 Efficiency 90 %
 Peak intensity 7.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM
 Opto Semiconductors
 LED OSLOM Square EC
 FWHM 9.0°
 Efficiency 86 %
 Peak intensity 20.060 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



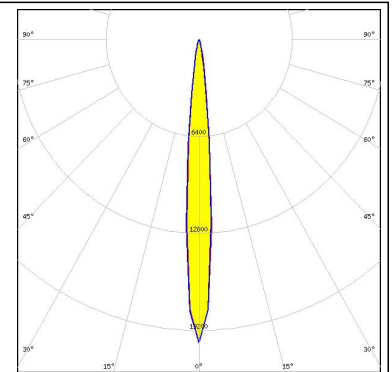
SAMSUNG
 LED LH351B
 FWHM 12.0°
 Efficiency 88 %
 Peak intensity 14.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



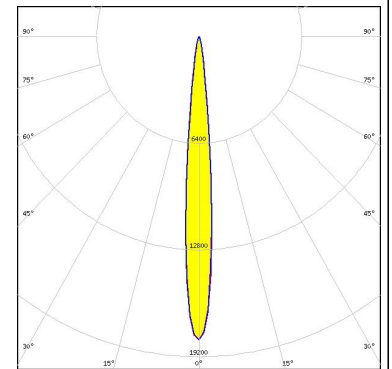
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

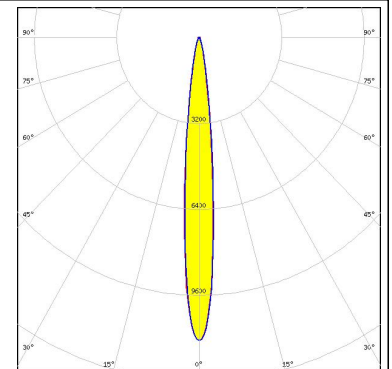
LED LH351Z
 FWHM 10.0°
 Efficiency 88 %
 Peak intensity 20.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




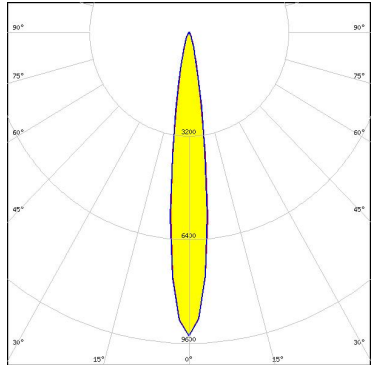

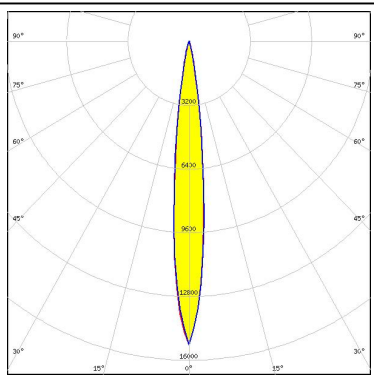
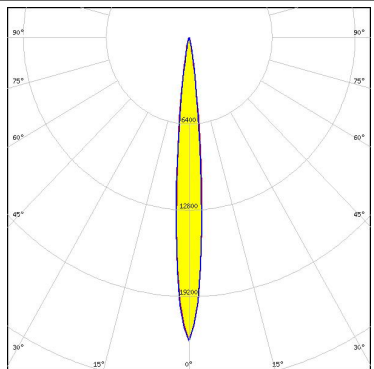
SEOUL SEMICONDUCTOR
 LED Z5M1/Z5M2
 FWHM 10.0°
 Efficiency 94 %
 Peak intensity 18.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED Z8Y22P
 FWHM 11.0°
 Efficiency 93 %
 Peak intensity 11.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>CREE </p> <p>LED XM-L HVW FWHM 14.0° Efficiency % Peak intensity cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE </p> <p>LED XP-G2 HE FWHM 12.0° Efficiency 95 % Peak intensity 15.232 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON Square CSSRM2/CSSRM3 FWHM 9.9° Efficiency 94 % Peak intensity 22.500 cd/lm LEDs/each optic 1 Light colour White 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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