

EMILY-SS-WAS

~8° beam for wall-washing. 14.83 mm high lens.

SPECIFICATION:

Dimensions	Ø 26.0 mm
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

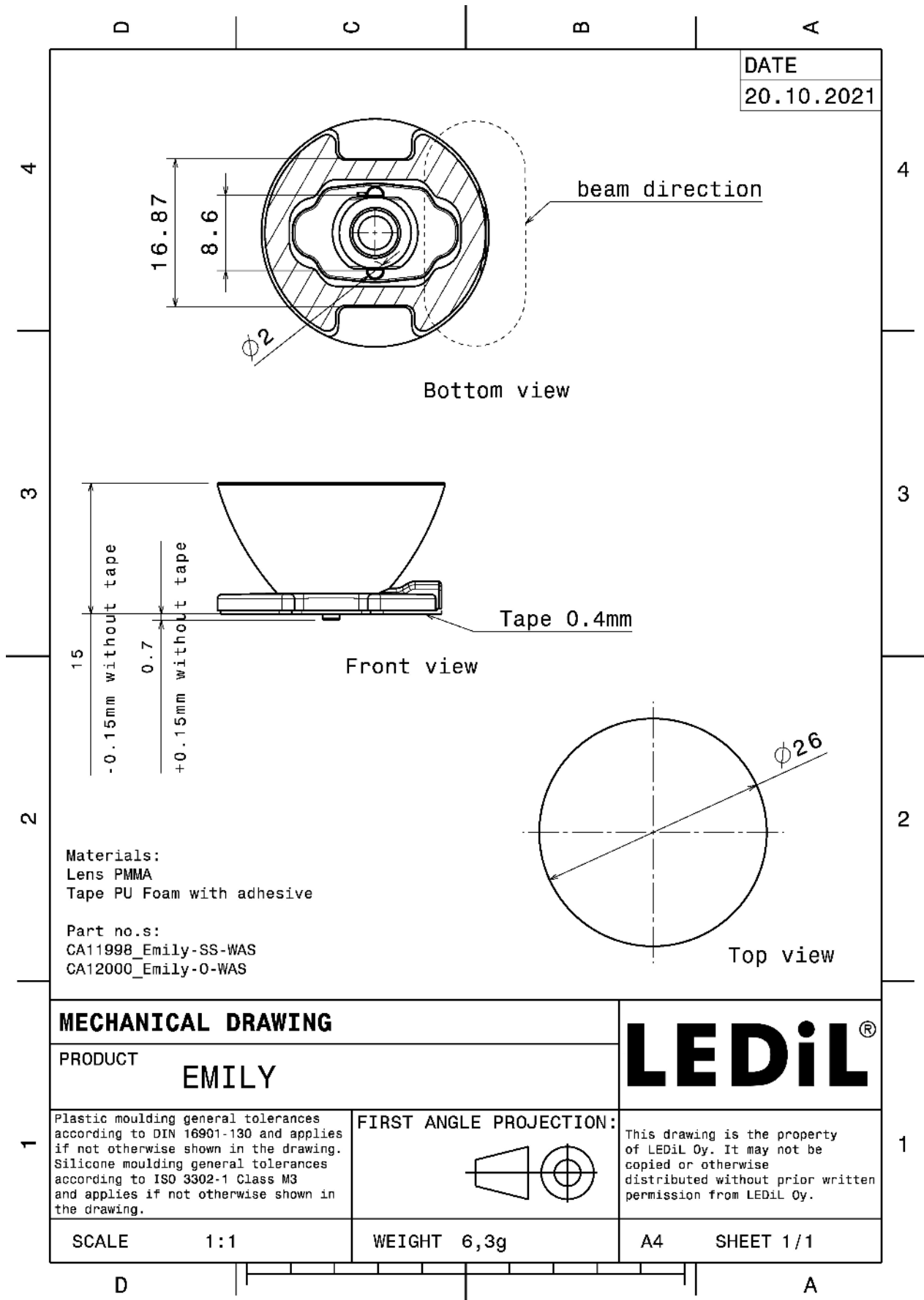
MATERIALS:

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



ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA11998_EMILY-SS-WAS » Box size: 480 x 280 x 300 mm	Single lens	1690	260	130	11.4

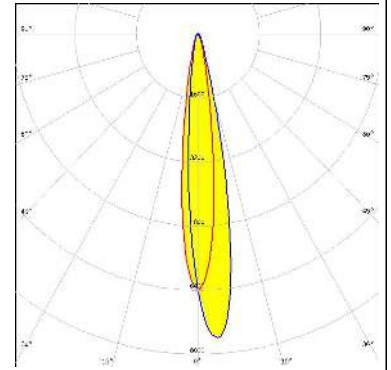


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

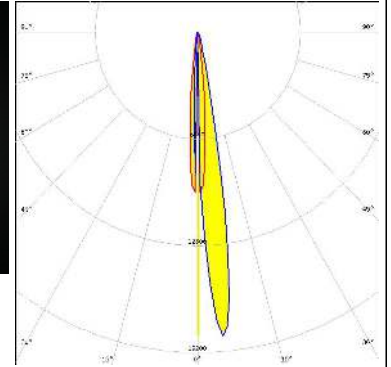
CREE LED

LED XHP35 HD
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 7.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



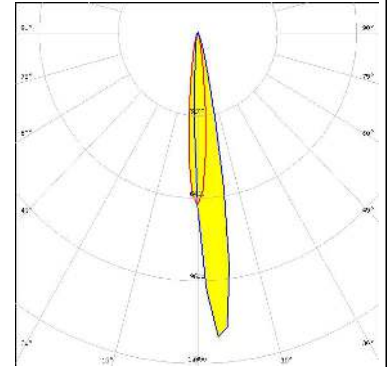
CREE LED

LED XP-E
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 92 %
 Peak intensity 18.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



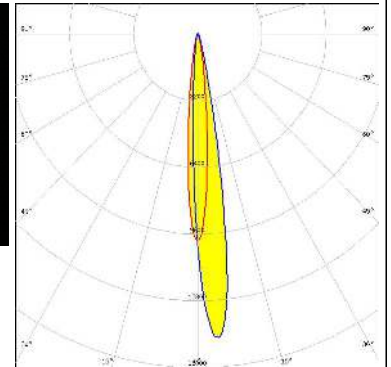
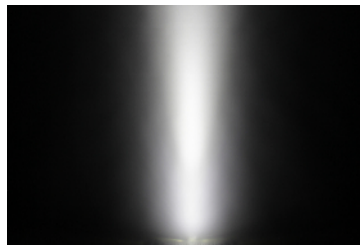
CREE LED

LED XP-G
 FWHM / FWTM 11.0° / 23.0°
 Efficiency 93 %
 Peak intensity 11.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XP-L HI
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 14.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



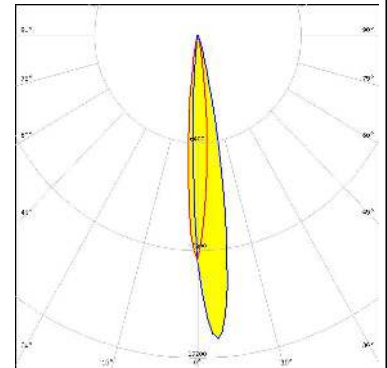
OPTICAL RESULTS (MEASURED):

LUMILEDS

LED LUXEON A
FWHM / FWTM 12.0° / 25.0°
Efficiency %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON Rebel
FWHM / FWTM 8.0° / 23.0°
Efficiency 88 %
Peak intensity 11.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

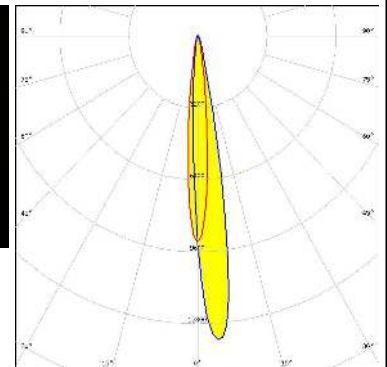


LUMILEDS


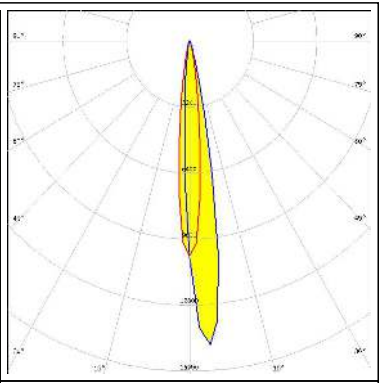

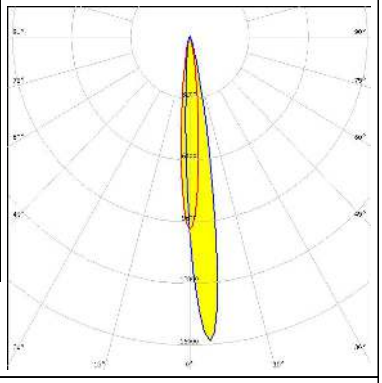
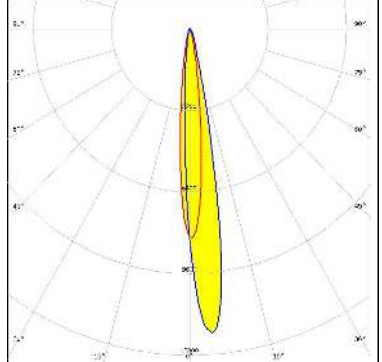
LED LUXEON Rebel ES
FWHM / FWTM 12.0° / 25.0°
Efficiency 91 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

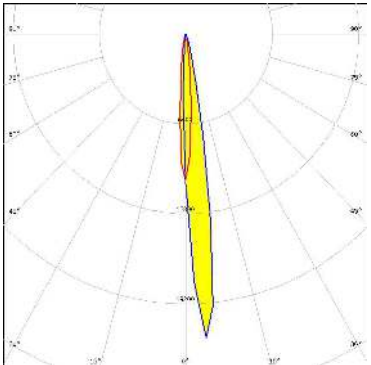
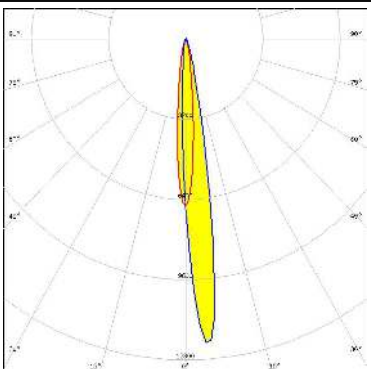

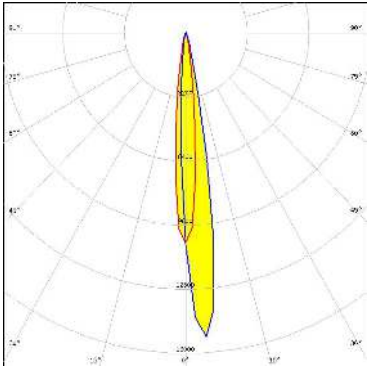
LED LUXEON T
FWHM / FWTM 11.0° / 22.0°
Efficiency 89 %
Peak intensity 14 cd/lm
LEDs/each optic 1
Light colour White
Required components:



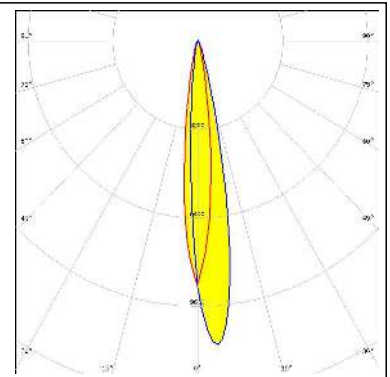
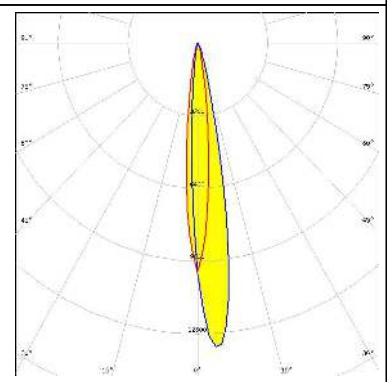
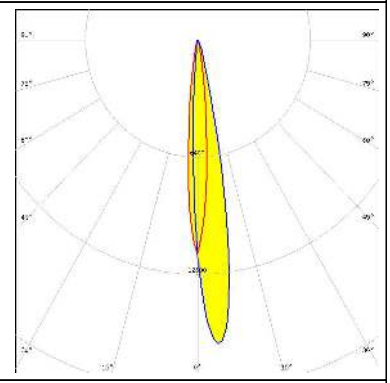
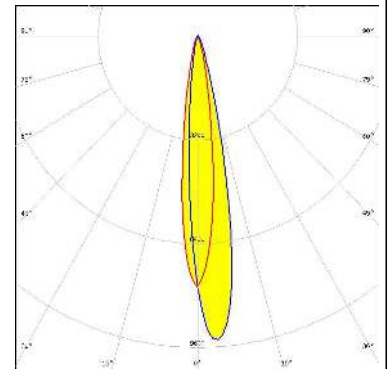
OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON TX</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 88 %</p> <p>Peak intensity 14.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NCSxx19B</p> <p>FWHM / FWTM 11.0° / 22.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 15.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A</p> <p>FWHM / FWTM 13.0° / 28.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 93 %</p> <p>Peak intensity 12.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

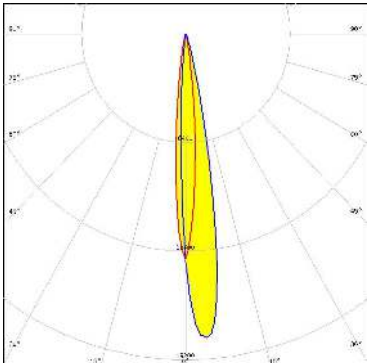
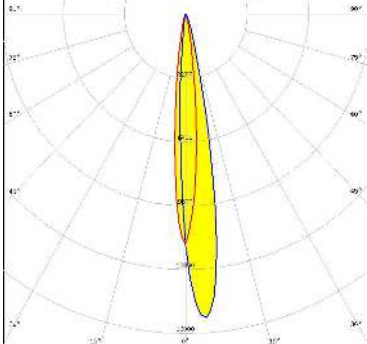
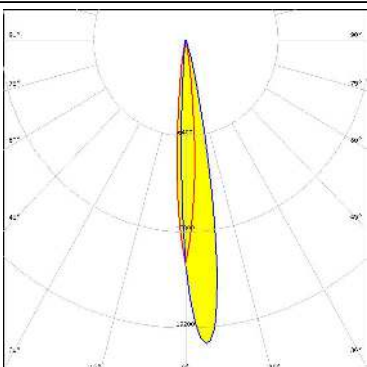
OPTICAL RESULTS (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSLON SSL 150</p> <p>FWHM / FWTM 11.0° / 22.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 14.9 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 SSL 80</p> <p>FWHM / FWTM 11.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 11 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>SEMI SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 88 %</p> <p>Peak intensity 15.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	 

OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED: XT-E FWHM / FWTM: Asymmetric Efficiency: 94 % Peak intensity: 11 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON H50-2 FWHM / FWTM: Asymmetric Efficiency: 92 % Peak intensity: 13.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NCSxx19A FWHM / FWTM: Asymmetric Efficiency: 94 % Peak intensity: 16.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NV4WB35AM FWHM / FWTM: Asymmetric Efficiency: 95 % Peak intensity: 9.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ P 3030</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 18 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: OSCONIQ P 3737 (2W version)</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 15.3 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>SAMSUNG</p> <p>LED: LM301B</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 14.6 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>SECO SEOUL SEMICONDUCTOR</p> <p>LED: Z5</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 20.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>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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