

EVA-WW

~55° wide beam

SPECIFICATION:

Dimensions	Ø 35.0 mm
Height	16.4 mm
Fastening	glue
ROHS compliant	yes ⓘ

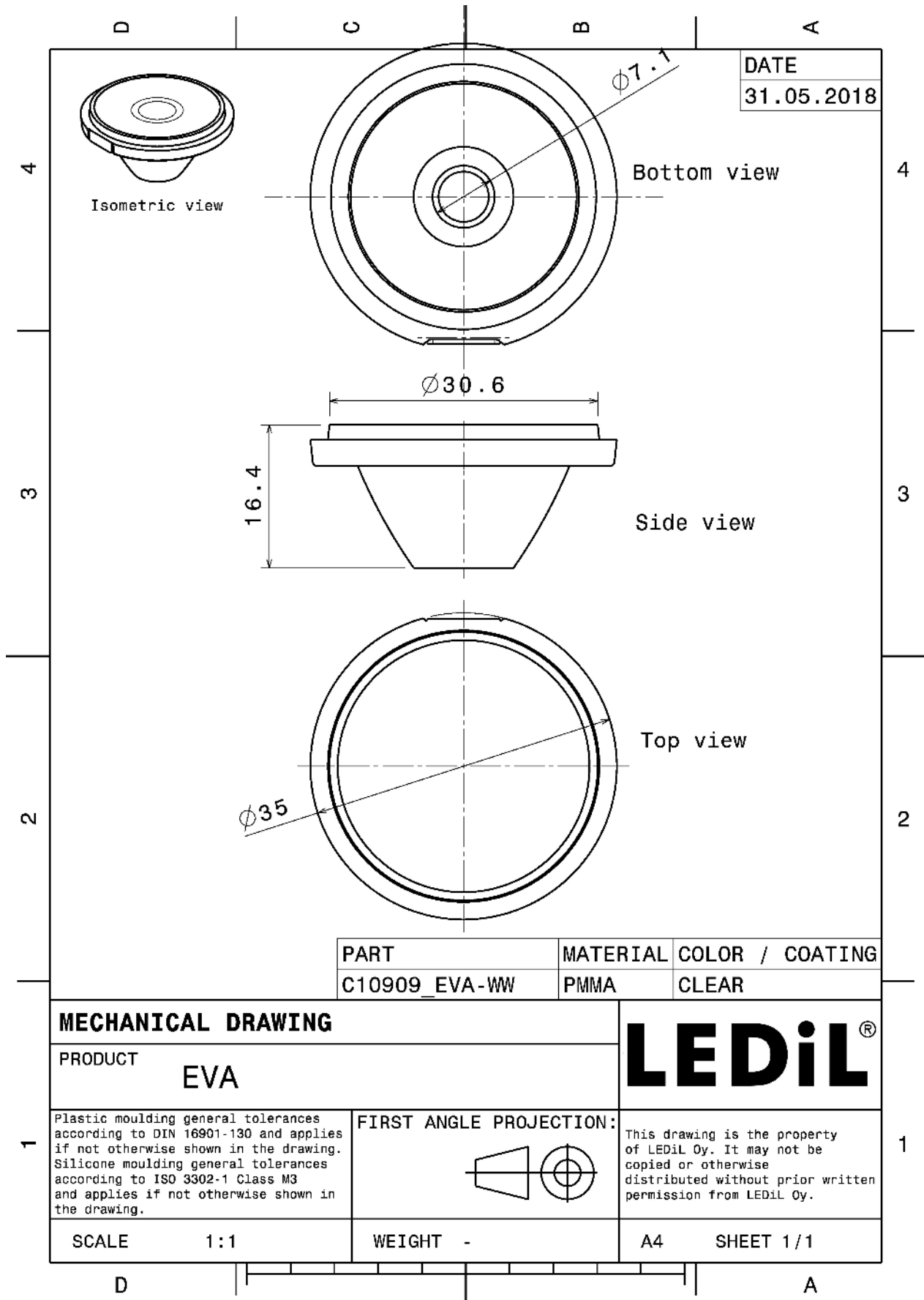
MATERIALS:

Component	Type	Material	Colour	Finish
EVA-WW	Single lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10909_EVA-WW » Box size: 480 x 280 x 300 mm	540	90	45	6.0



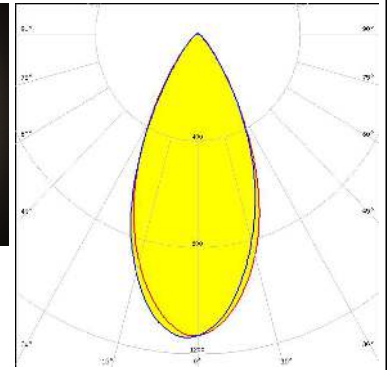
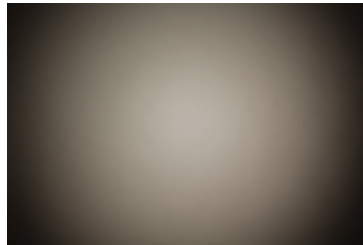


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CITIZEN

LED CLU7A2/7A3
 FWHM / FWTM 48.0° / 80.0°
 Efficiency 81 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

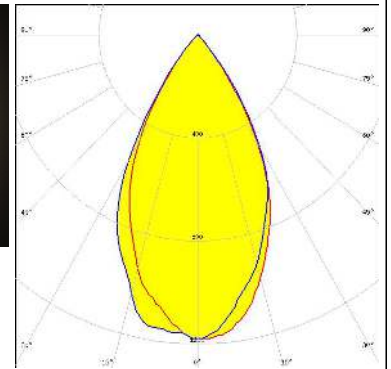
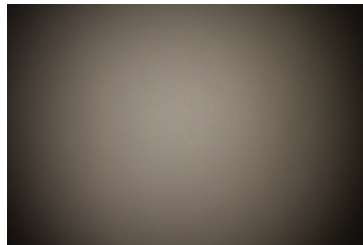


CREE LED

LED MC-E
 FWHM / FWTM 47.0°
 Efficiency 90 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

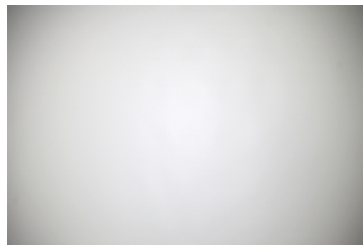
CREE LED

LED MHB-A/B
 FWHM / FWTM 52.0° / 84.0°
 Efficiency 76 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XHP35 HI
 FWHM / FWTM 71.0° / 106.0°
 Efficiency 75 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



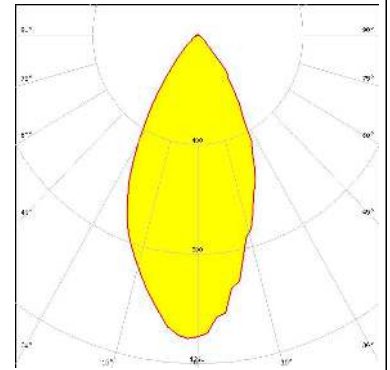
OPTICAL RESULTS (MEASURED):

CREE LED

LED XM-L
 FWHM / FWTM 64.0°
 Efficiency 77 %
 LEDs/each optic 1
 Light colour White
 Required components:

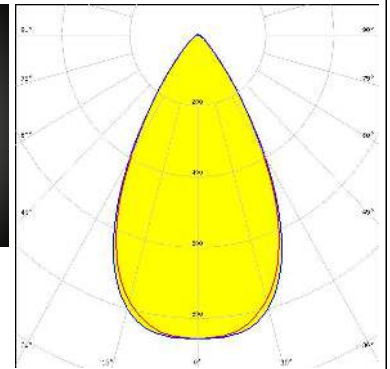
CREE LED

LED XT-E
 FWHM / FWTM 47.0° / 83.0°
 Efficiency 76 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



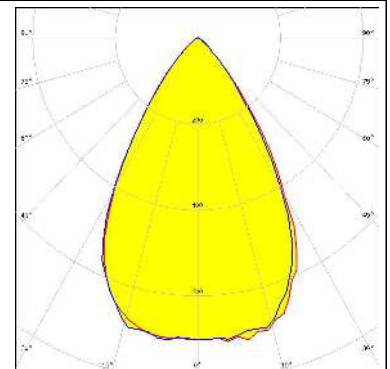
LUMILEDS

LED LUXEON 5050 Round LES
 FWHM / FWTM 57.0° / 85.0°
 Efficiency 78 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

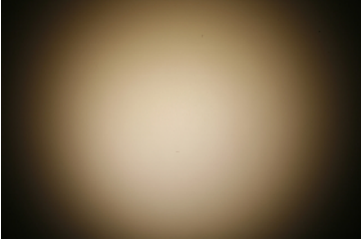
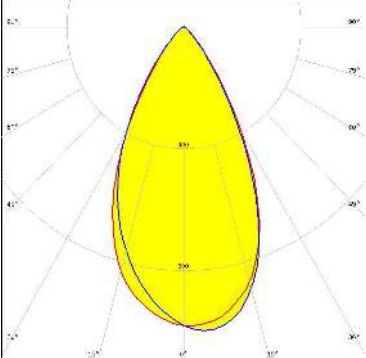




LUMILEDS

LED LUXEON M/MX
 FWHM / FWTM 65.0°
 Efficiency 80 %
 LEDs/each optic 1
 Light colour White
 Required components:



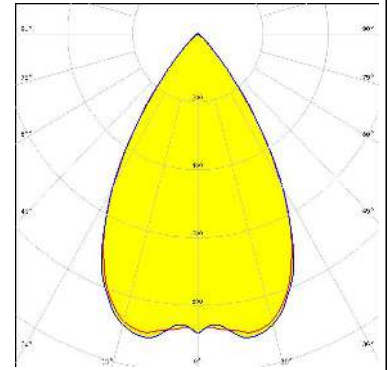
OPTICAL RESULTS (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED Duris S8</p> <p>FWHM / FWTM 55.0° / 84.0°</p> <p>Efficiency 79 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED Z8Y15</p> <p>FWHM / FWTM 45.0° / 82.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED Z8Y19</p> <p>FWHM / FWTM 47.0° / 82.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

OPTICAL RESULTS (SIMULATED):

CREE → LED

LED CXA/B 13xx
FWHM / FWTM 64.0° / 88.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

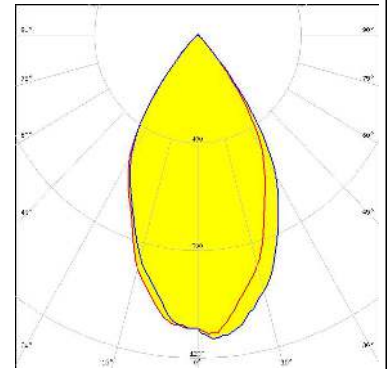


CREE → LED

LED XM-L HVW
FWHM / FWTM 58.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

CREE → LED

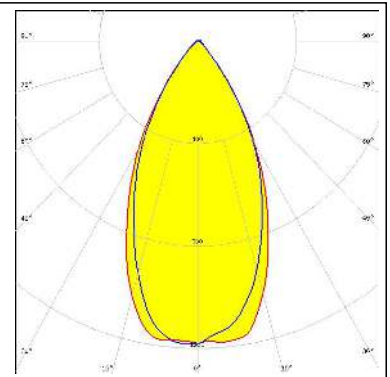
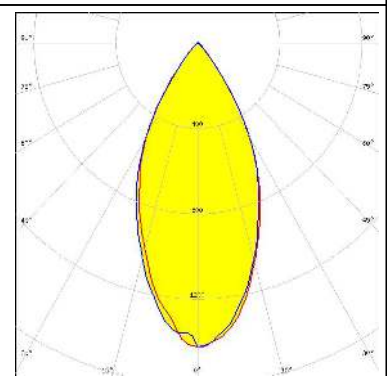
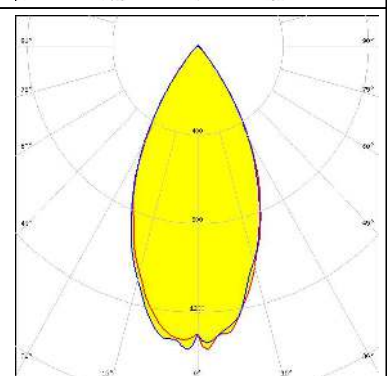
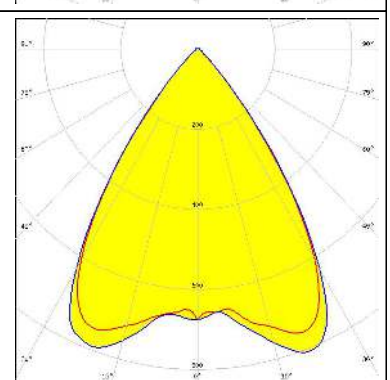
LED XP-G2
FWHM / FWTM 57.0° / 84.0°
Efficiency 90 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON 5258
FWHM / FWTM 50.0° / 72.0°
Efficiency 93 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

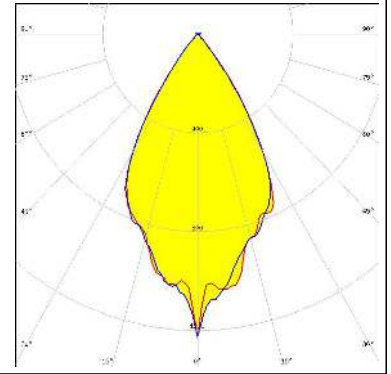
OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON 7070 FWHM / FWTM: 54.0° / 83.0° Efficiency: 96 % Peak intensity: 1.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMINUS</p> <p>LED: CXM-3 FWHM / FWTM: 49.0° / 78.0° Efficiency: 95 % Peak intensity: 1.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMINUS</p> <p>LED: CXM-4 FWHM / FWTM: 50.0° / 78.0° Efficiency: 95 % Peak intensity: 1.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NFMW48xA FWHM / FWTM: 70.0° / 89.0° Efficiency: 96 % Peak intensity: 0.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM / FWTM	56.0° / 78.0°
Efficiency	93 %
Peak intensity	1.2 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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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.

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