

ELLA-30-M

~28° wide beam

SPECIFICATION:

Dimensions	Ø 29.6 mm
Height	17.2 mm
ROHS compliant	yes ⓘ

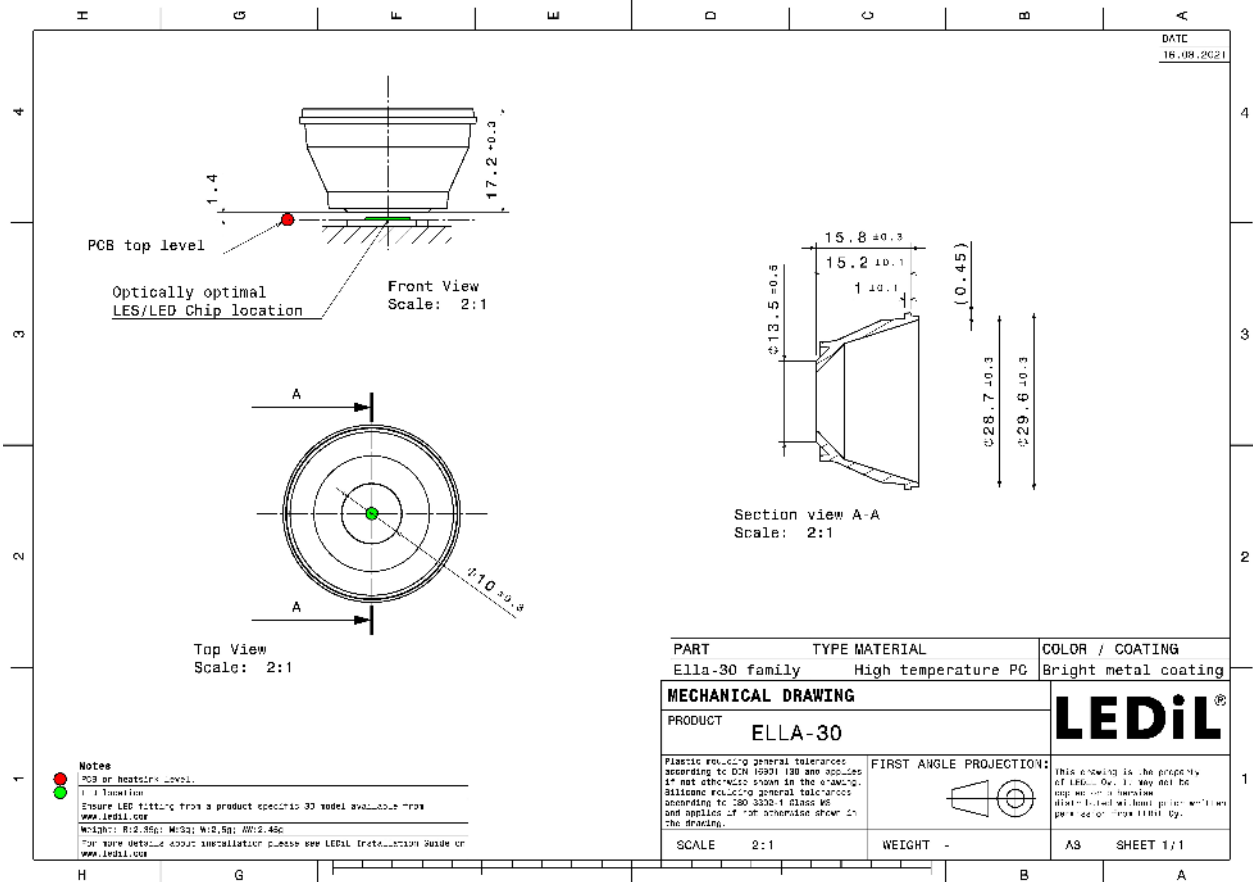
MATERIALS:

Component	Type	Material	Colour	Finish	Coating
ELLA-30-M	Reflector	HTPC	metal		HMDS




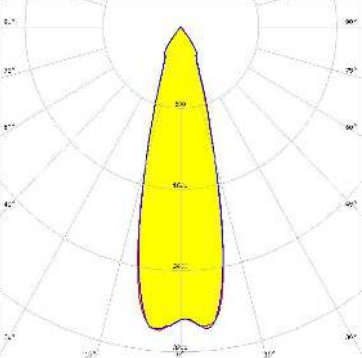

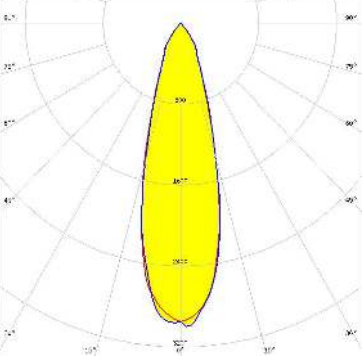

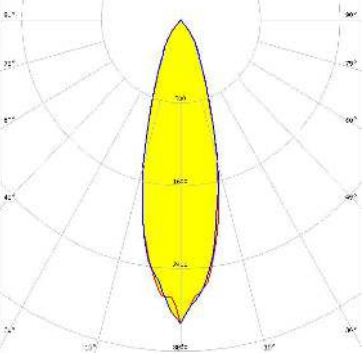
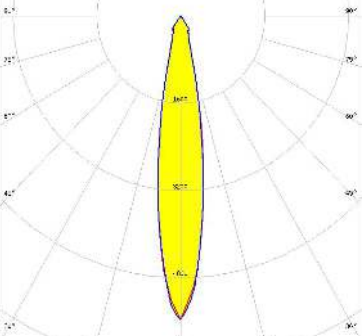
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17247_ELLA-30-M » Box size: 480 x 280 x 300 mm	1320	264	88	4.4



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

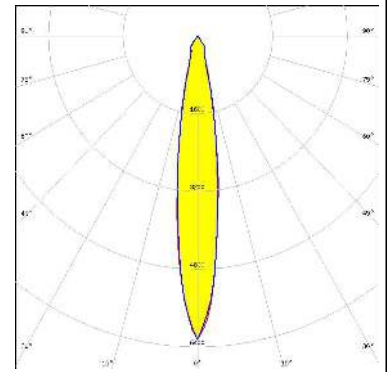
OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED V4 HD Gen 7</p> <p>FWHM / FWTM 28.0° / 63.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 2.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p></p> <p>LED V6 HD Gen 7</p> <p>FWHM / FWTM 28.0° / 64.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 2.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p></p> <p>LED V8 Gen7</p> <p>FWHM / FWTM 29.0° / 62.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 2.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>CITIZEN</p> <p>LED CLU7A2/7A3</p> <p>FWHM / FWTM 18.0° / 36.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 5.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

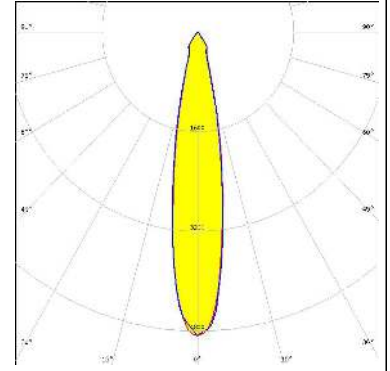
CITIZEN

LED CLU7B2
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 90 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



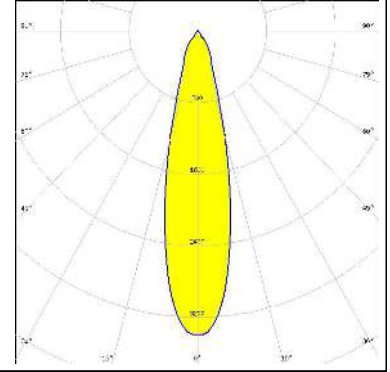
CREE LED

LED CMA1303
 FWHM / FWTM 20.0° / 40.0°
 Efficiency 90 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



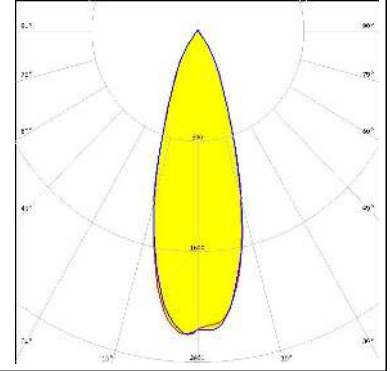
CREE LED

LED CXA/B 13xx
 FWHM / FWTM 26.0° / 54.0°
 Efficiency 89 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

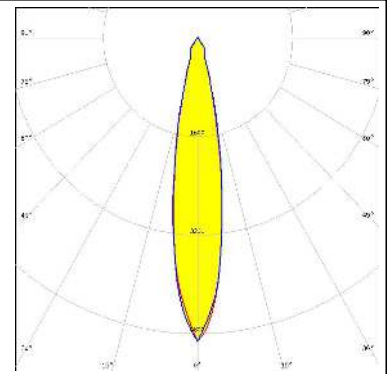
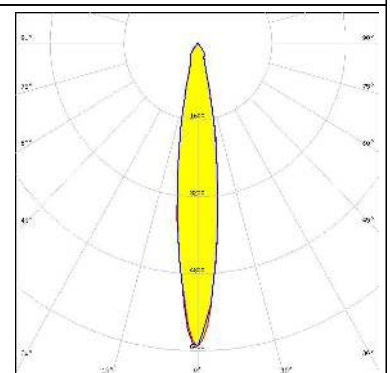
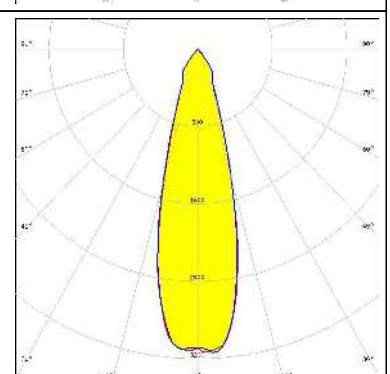
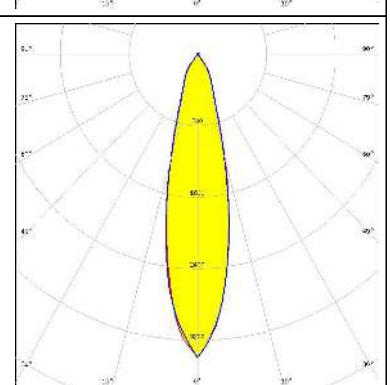


CREE LED

LED CXA/B 15xx
 FWHM / FWTM 33.0° / 64.0°
 Efficiency 86 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



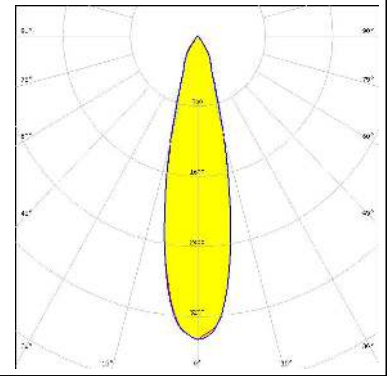
OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED: XHP35.2 HD FWHM / FWTM: 19.0° / 38.0° Efficiency: 83 % Peak intensity: 4.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMINUS</p> <p>LED: CXM-3 FWHM / FWTM: 16.0° / 34.0° Efficiency: 90 % Peak intensity: 6.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NFMW48xA FWHM / FWTM: 28.6° / 59.0° Efficiency: 95 % Peak intensity: 3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>TRIDONIC</p> <p>LED: SLE SNC8 LES06 FWHM / FWTM: 24.0° / 54.0° Efficiency: 88 % Peak intensity: 3.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

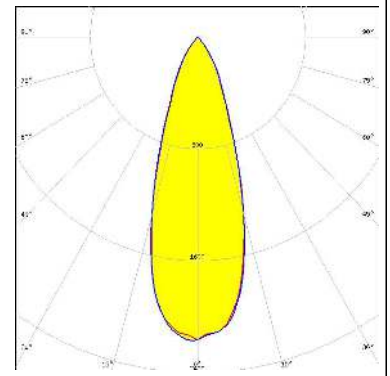
XICATO

LED XOB 6 mm
FWHM / FWTM 24.0° / 53.0°
Efficiency 90 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



XICATO

LED XOB 9.8 mm
FWHM / FWTM 34.0° / 66.0°
Efficiency 88 %
Peak intensity 2.2 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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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