

## ELLA-30-M

~28° wide beam



### TECHNICAL SPECIFICATIONS:

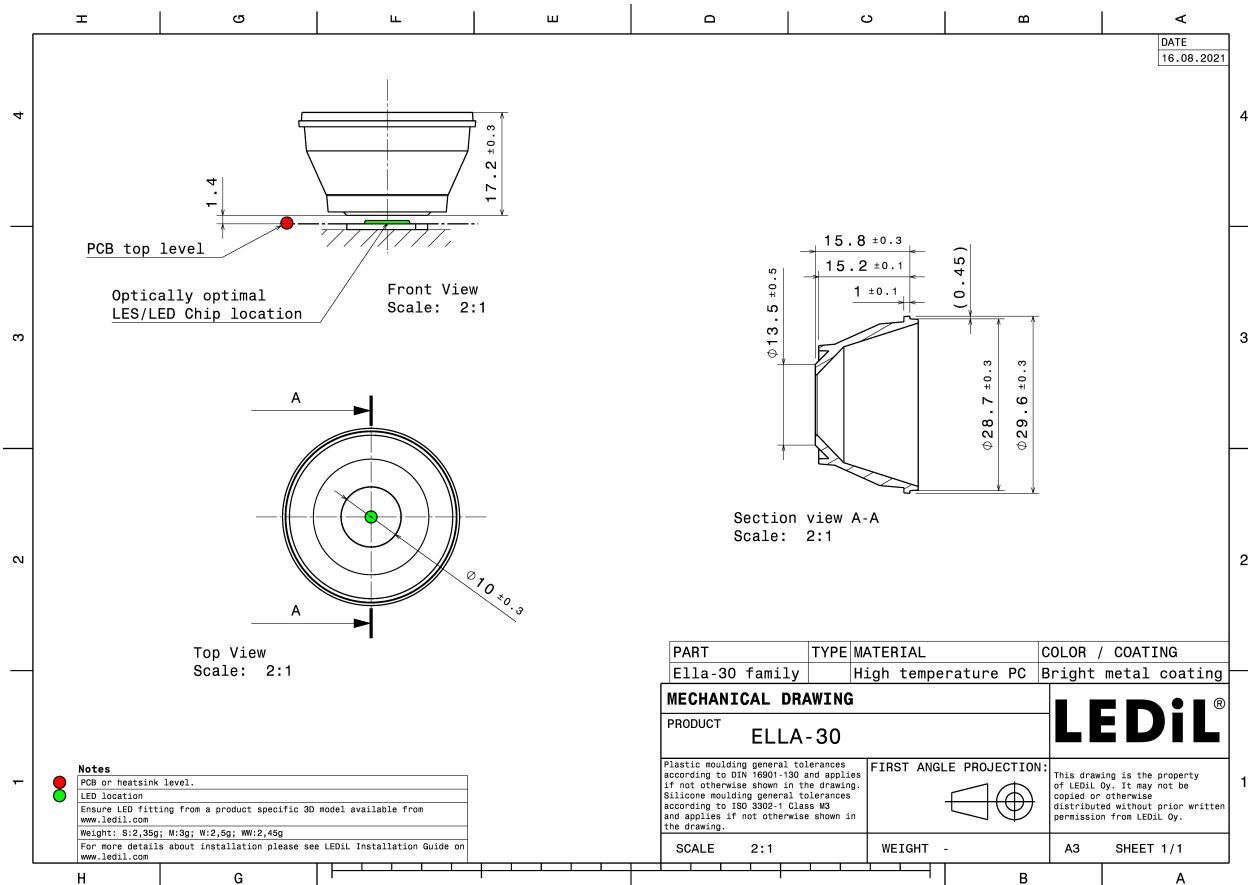
Dimensions	Ø 29.6 mm
Height	17.2 mm
ROHS compliant	yes ⓘ

### MATERIAL SPECIFICATIONS:

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



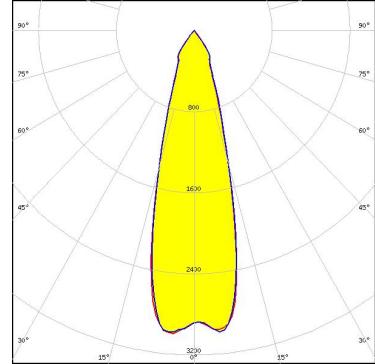
See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## PHOTOMETRIC DATA (SIMULATED):



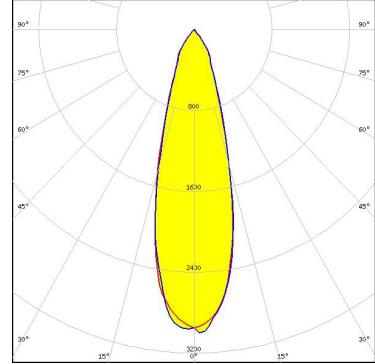
LED	V4 HD
FWHM / FWTM	28.0° / 63.0°
Efficiency	94 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



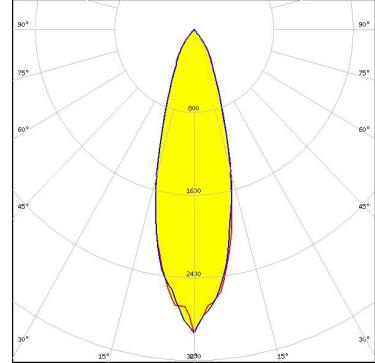
LED	V6 HD
FWHM / FWTM	28.0° / 64.0°
Efficiency	93 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LED	V8 Gen7
FWHM / FWTM	29.0° / 62.0°
Efficiency	92 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White

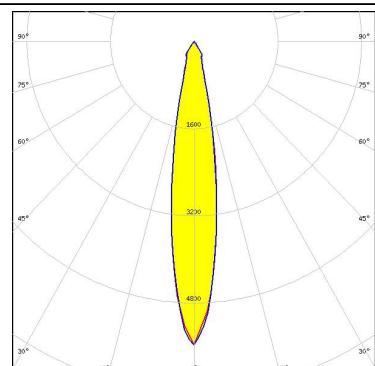
Required components:



## CITIZEN

LED	CLU7A2 (LES 4.2mm)
FWHM / FWTM	18.0° / 36.0°
Efficiency	89 %
Peak intensity	5.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

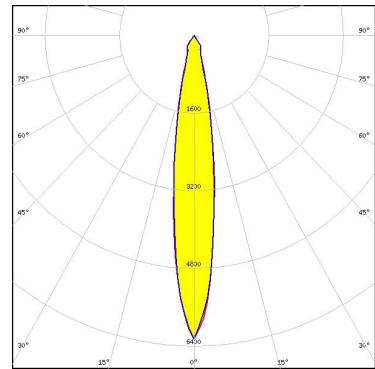


### PHOTOMETRIC DATA (SIMULATED):

#### CITIZEN

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

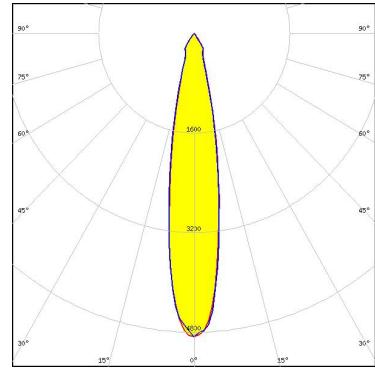
Required components:



#### CREE → LED

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

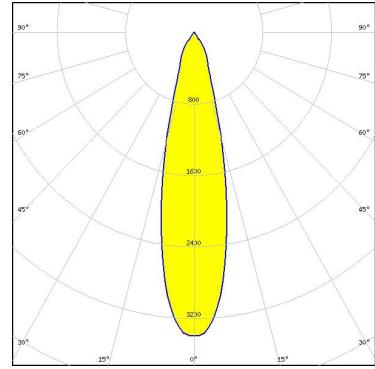
Required components:



#### 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

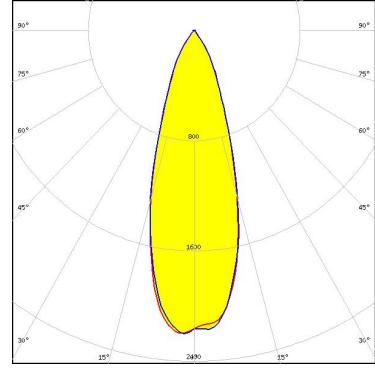
Required components:



#### 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

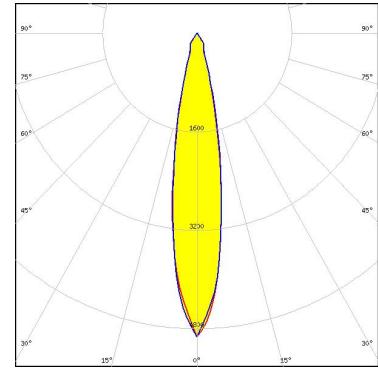
Required components:



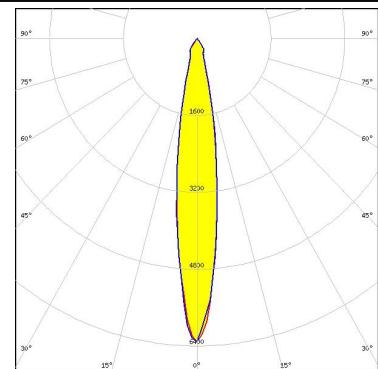
## PHOTOMETRIC DATA (SIMULATED):



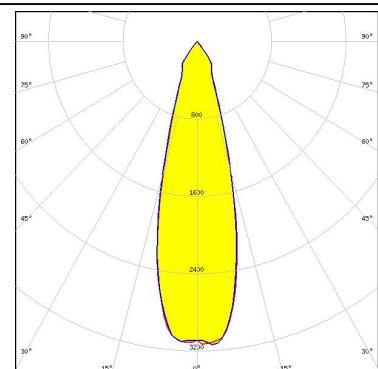
LED XHP35.2  
FWHM / FWTM 19.0° / 38.0°  
Efficiency 83 %  
Peak intensity 4.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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:



LED NFMW48xA  
FWHM / FWTM 28.6° / 59.0°  
Efficiency 95 %  
Peak intensity 3 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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