

## ELLA-30-W

~38° wide beam

### SPECIFICATION:

Dimensions	Ø 29.6 mm
Height	17.2 mm
ROHS compliant	yes ⓘ

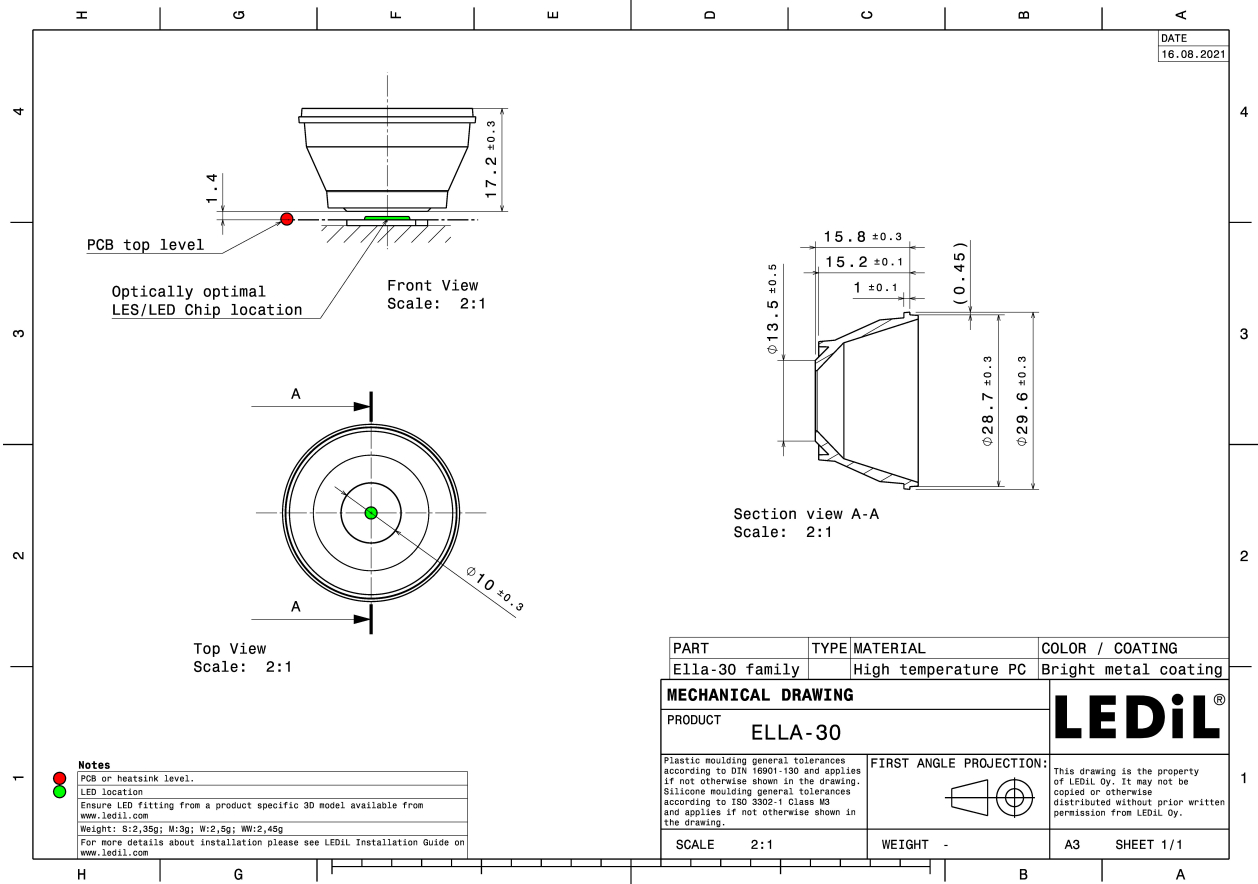
### MATERIALS:

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



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17248_ELLA-30-W » Box size: 480 x 280 x 300 mm	1320	264	88	4.9

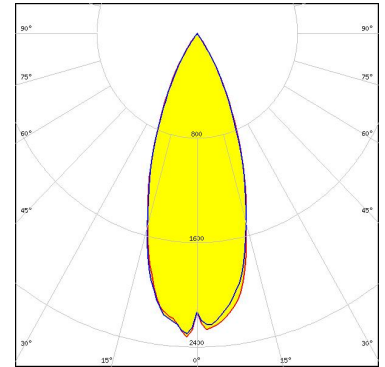


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (SIMULATED):

bridgelux

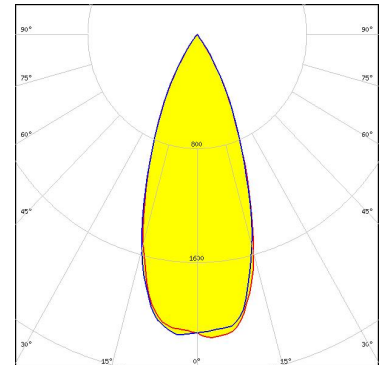
LED V4 HD Gen 7  
FWHM / FWTM 38.0° / 63.0°  
Efficiency 94 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

bridgelux

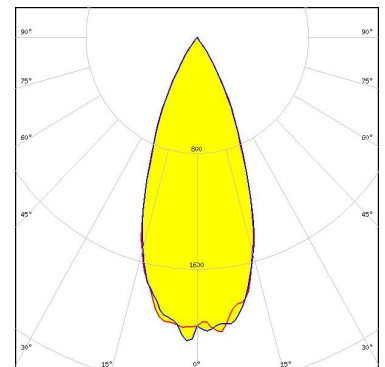
LED V6 HD Gen 7  
FWHM / FWTM 40.0° / 65.0°  
Efficiency 93 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

bridgelux

LED V8 Gen7  
FWHM / FWTM 40.5° / 65.0°  
Efficiency 91 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

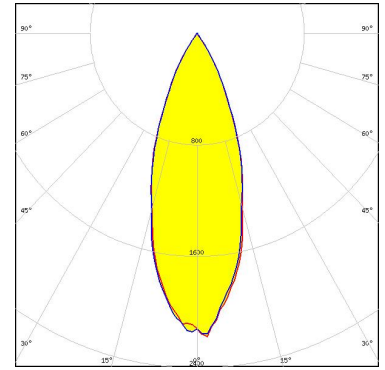


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

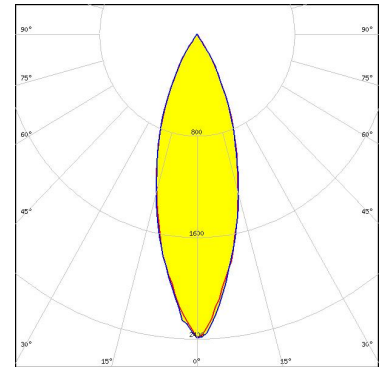
LED	CLU7A2/7A3
FWHM / FWTM	36.0° / 64.0°
Efficiency	89 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

#### CITIZEN

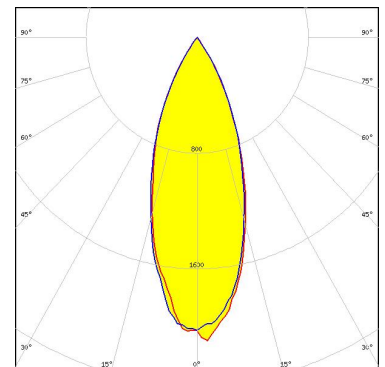
LED	CLU7B2
FWHM / FWTM	32.0° / 64.0°
Efficiency	89 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	CMA1303
FWHM / FWTM	38.0° / 66.0°
Efficiency	90 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

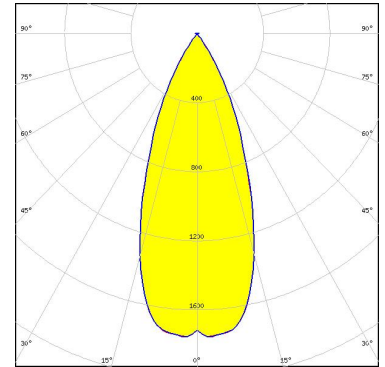


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



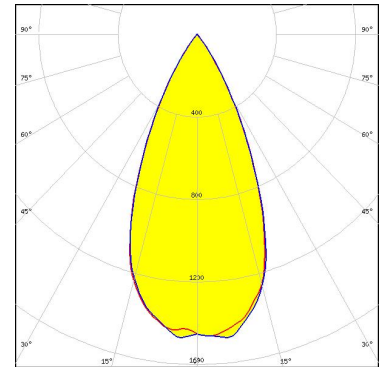
LED CXA/B 13xx  
 FWHM / FWTM 42.0° / 66.0°  
 Efficiency 88 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



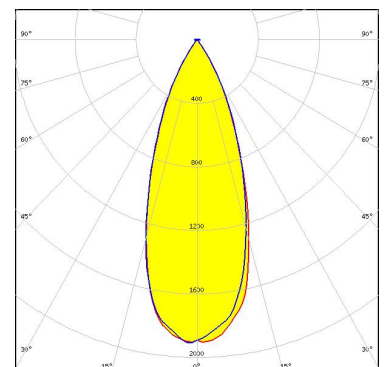
LED CXA/B 15xx  
 FWHM / FWTM 48.0° / 70.0°  
 Efficiency 88 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED SLE SNC8 LES06  
 FWHM / FWTM 38.0° / 65.0°  
 Efficiency 87 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

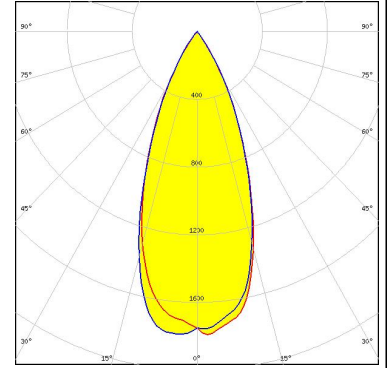


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### XICATO

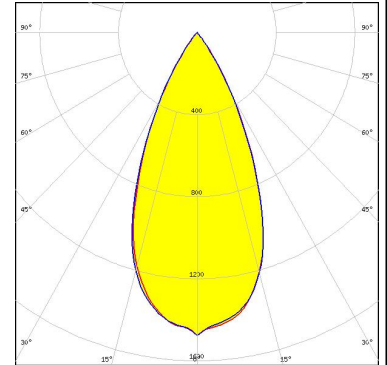
LED XOB 6 mm  
FWHM / FWTM 42.0° / 66.0°  
Efficiency 89 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### XICATO

LED XOB 9.8 mm  
FWHM / FWTM 47.0° / 70.0°  
Efficiency 87 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### 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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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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