

## ELLA-30-S

~15° spot beam

### SPECIFICATION:

Dimensions	Ø 29.6
Height	17.2 mm
ROHS compliant	yes ⓘ

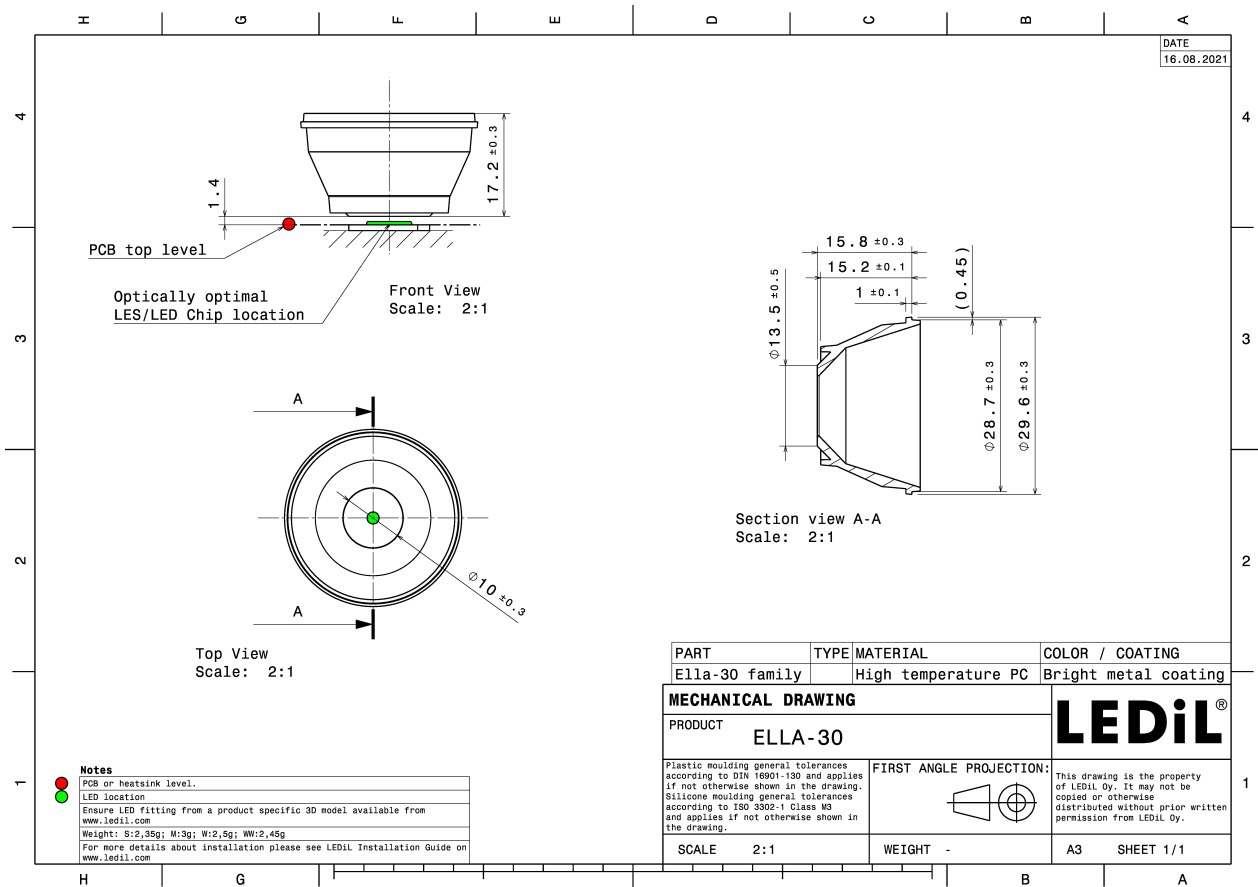
### MATERIALS:

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



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17246_ELLA-30-S » Box size: 480 x 280 x 300 mm	1320	264	88	4.8

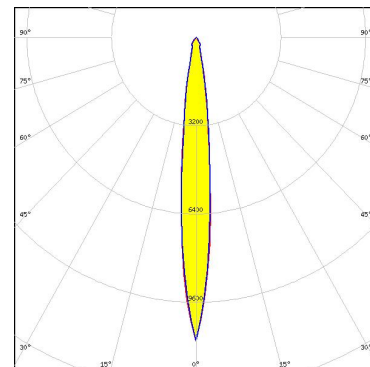


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (SIMULATED):



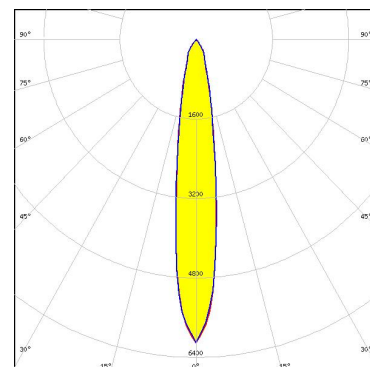
LED V4 HD Gen 7  
FWHM / FWTM 11.6° / 27.0°  
Efficiency 94 %  
Peak intensity 10 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



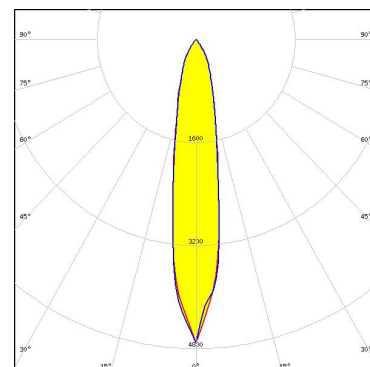
LED V6 HD Gen 7  
FWHM / FWTM 15.7° / 40.5°  
Efficiency 93 %  
Peak intensity 5.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED V8 Gen7  
FWHM / FWTM 18.0° / 52.0°  
Efficiency 92 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

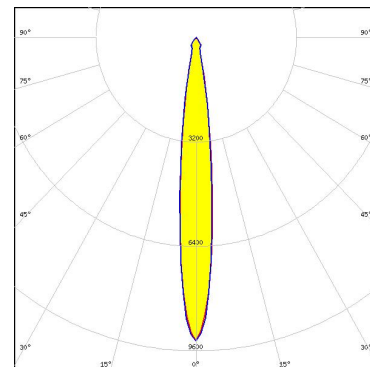


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

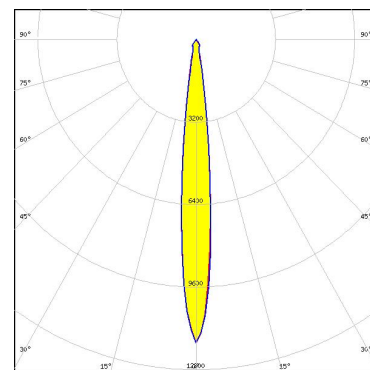
LED	CLU7A2/7A3
FWHM / FWTM	12.0° / 26.0°
Efficiency	90 %
Peak intensity	9.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

#### CITIZEN

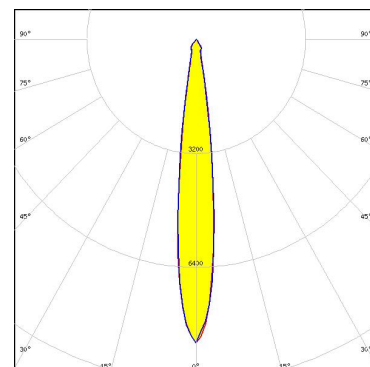
LED	CLU7B2
FWHM / FWTM	12.0° / 22.0°
Efficiency	90 %
Peak intensity	11.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	CMA1303
FWHM / FWTM	14.0° / 27.0°
Efficiency	91 %
Peak intensity	8.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

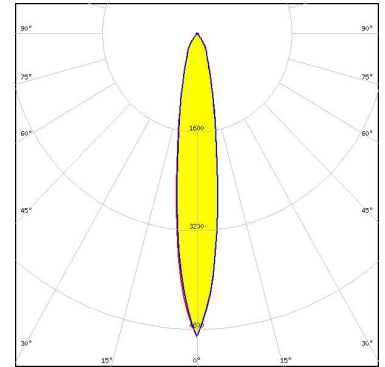


Light distribution files

### OPTICAL RESULTS (SIMULATED):



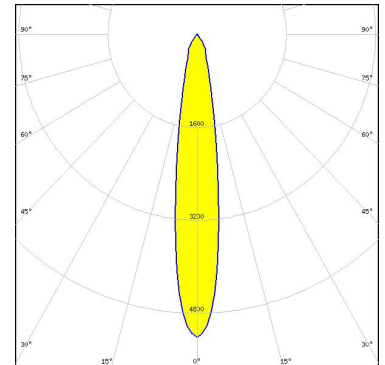
LED CMA1306  
FWHM / FWTM 16.0° / 44.0°  
Efficiency 88 %  
Peak intensity 4.9 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



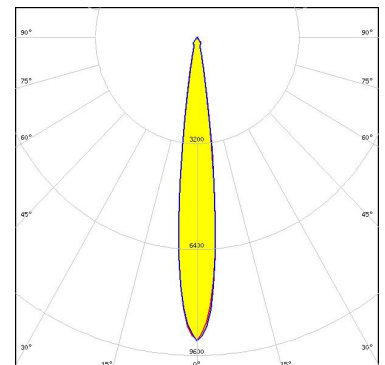
LED CXA/B 13xx  
FWHM / FWTM 16.0° / 40.0°  
Efficiency 90 %  
Peak intensity 5.2 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XHP35.2 HD  
FWHM / FWTM 14.0° / 24.0°  
Efficiency 84 %  
Peak intensity 9.2 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:

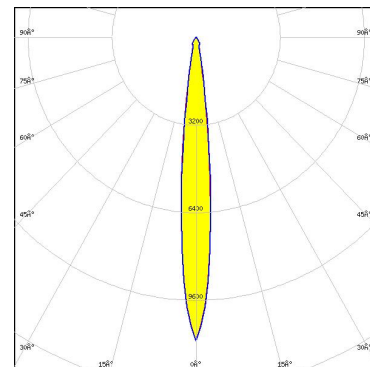


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



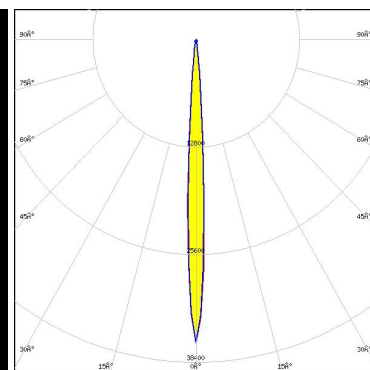
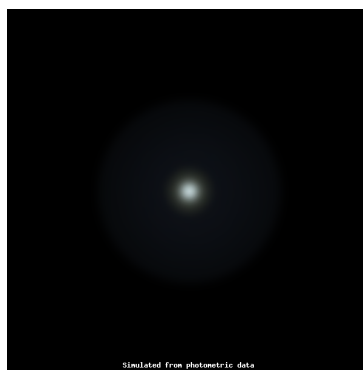
LED XHP50.3 HI  
FWHM / FWTM 12.0° / 24.0°  
Efficiency 90 %  
Peak intensity 11.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



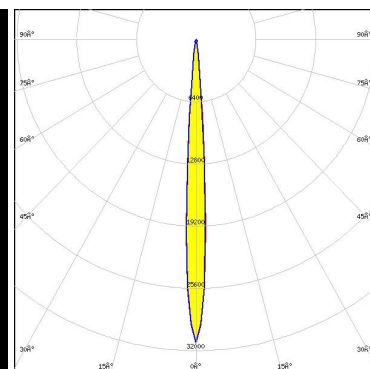
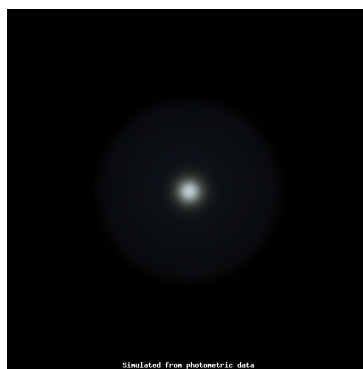
LED SST-12 Gen2  
FWHM / FWTM 6.0° / 12.0°  
Efficiency 95 %  
Peak intensity 36.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED SST-20 Gen2  
FWHM / FWTM 8.0° / 14.0°  
Efficiency 95 %  
Peak intensity 31.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

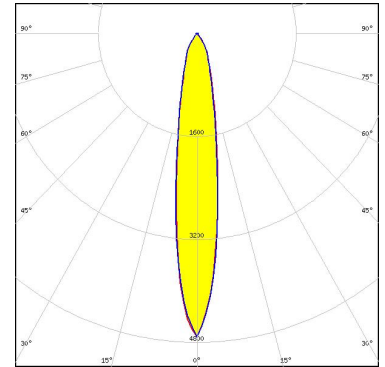


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

#### TRIDONIC

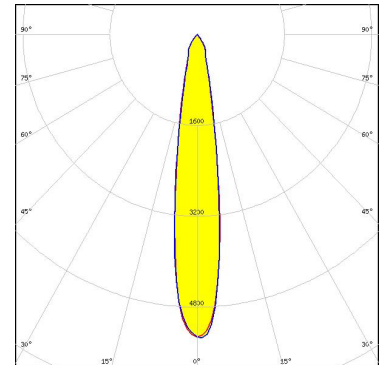
LED	SLE SNC8 LES06
FWHM / FWTM	16.0° / 46.0°
Efficiency	89 %
Peak intensity	4.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

#### XICATO

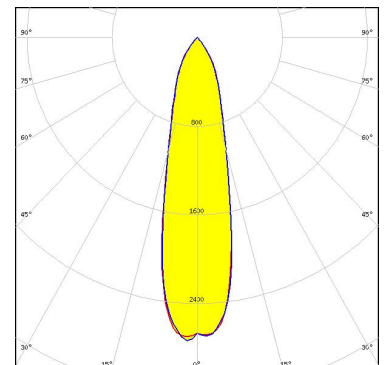
LED	XOB 6 mm
FWHM / FWTM	17.0° / 39.0°
Efficiency	90 %
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

#### XICATO

LED	XOB 9.8 mm
FWHM / FWTM	26.0° / 64.0°
Efficiency	88 %
Peak intensity	2.8 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.

### 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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