

## ELLA-30-S

~15° spot beam

### SPECIFICATION:

Dimensions	Ø 29.6 mm
Height	17.2 mm
ROHS compliant	yes ⓘ

### MATERIALS:

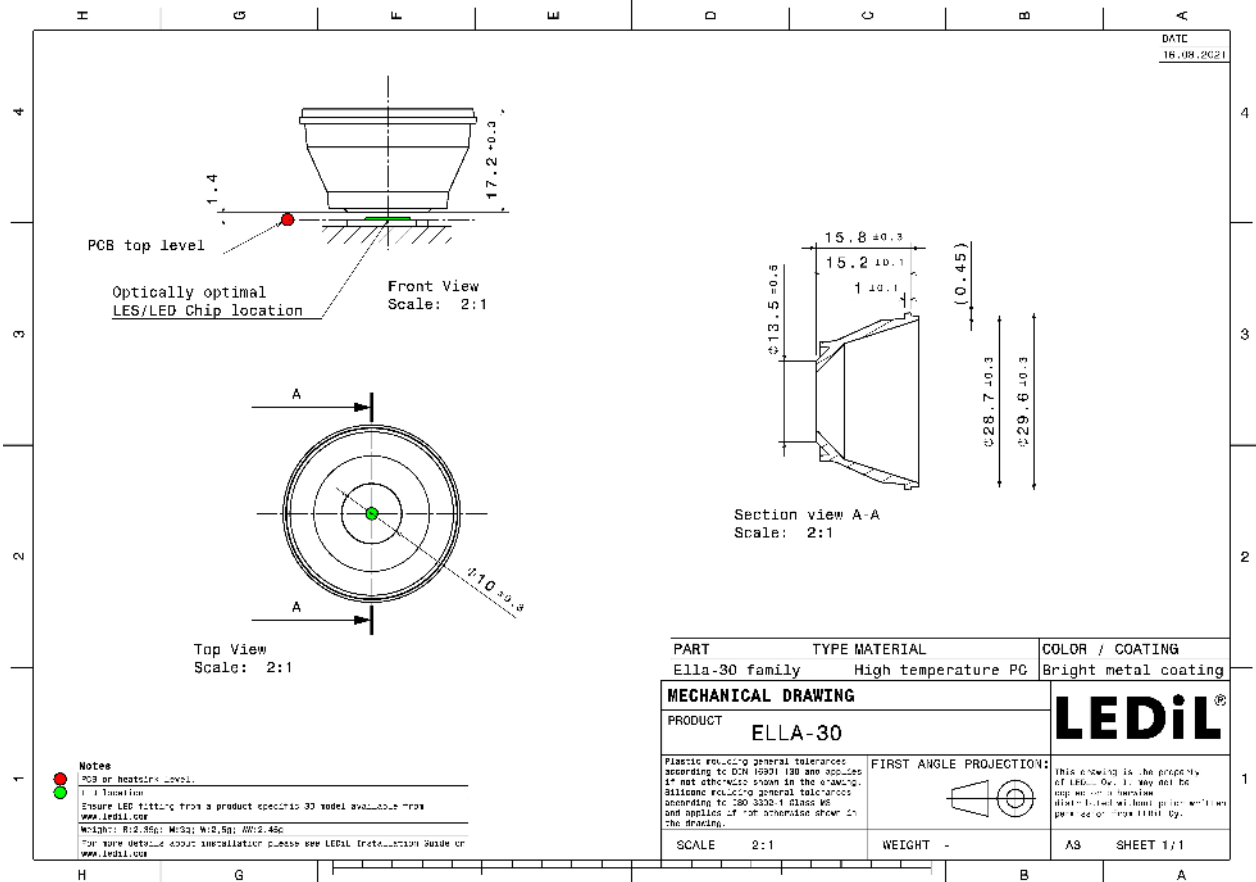
Component	Type	Material
ELLA-30-S	Reflector	HTPC



Colour	Finish	Coating
metal		HMDS


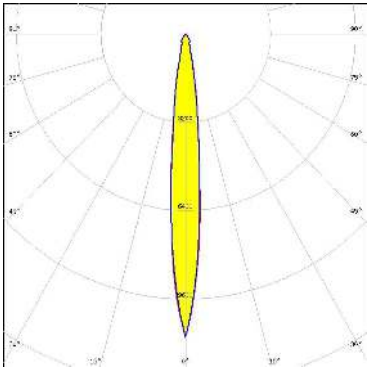

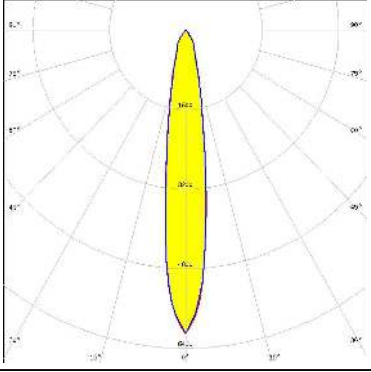

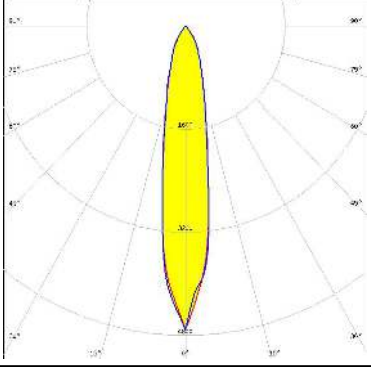
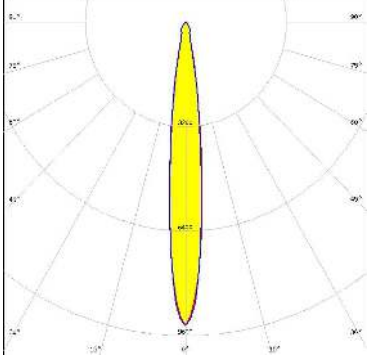
### ORDERING INFORMATION:

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)

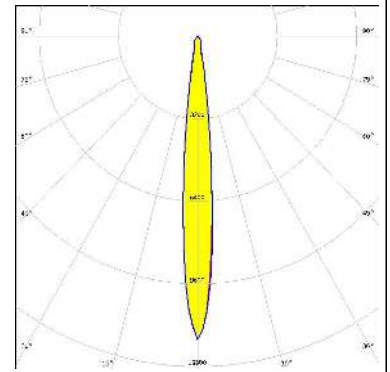
#### OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED V4 HD Gen 7            FWHM / FWTM 11.6° / 27.0°            Efficiency 94 %            Peak intensity 10 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p></p> <p>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 White            Required components:</p>	
<p></p> <p>LED V8 Gen7            FWHM / FWTM 18.0° / 52.0°            Efficiency 92 %            Peak intensity 4.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CITIZEN</b></p> <p>LED CLU7A2/7A3            FWHM / FWTM 12.0° / 26.0°            Efficiency 90 %            Peak intensity 9.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

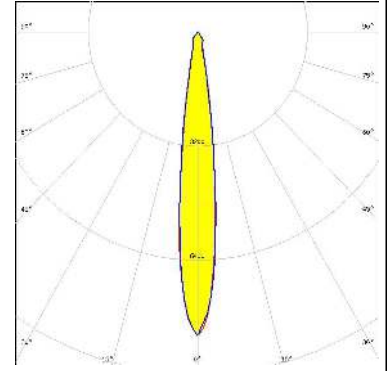
#### CITIZEN

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



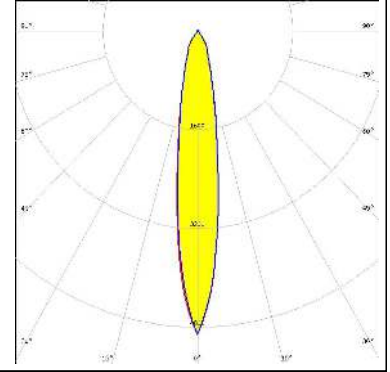
#### CREE LED

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



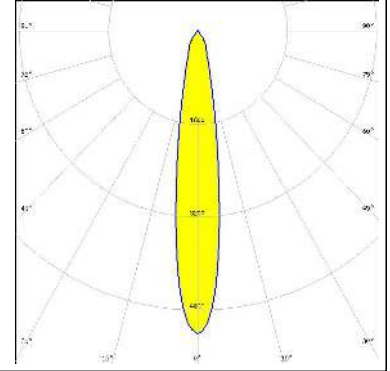
#### CREE LED

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

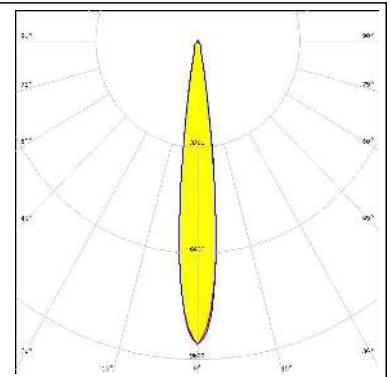
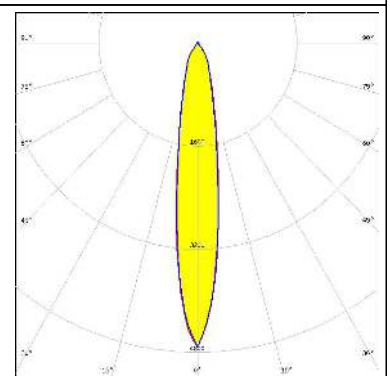
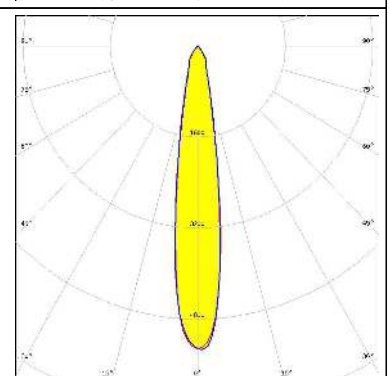
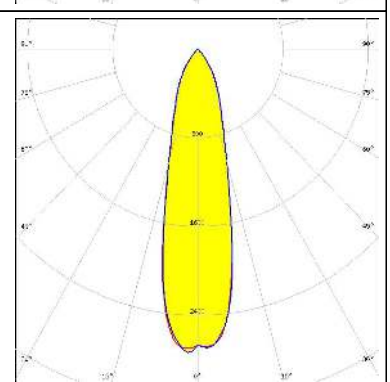


#### CREE LED

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



#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LED</p> <p>LED: XHP35.2 HD            FWHM / FWTM: 14.0° / 24.0°            Efficiency: 84 %            Peak intensity: 9.2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>TRIDONIC</b></p> <p>LED: SLE SNC8 LES06            FWHM / FWTM: 16.0° / 46.0°            Efficiency: 89 %            Peak intensity: 4.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>XICATO</b></p> <p>LED: XOB 6 mm            FWHM / FWTM: 17.0° / 39.0°            Efficiency: 90 %            Peak intensity: 5.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>XICATO</b></p> <p>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: White            Required components:</p>	

### 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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