

ELLA-30-W

~38° wide beam

SPECIFICATION:

Dimensions	Ø 29.6 mm
Height	17.2 mm
ROHS compliant	yes ⓘ

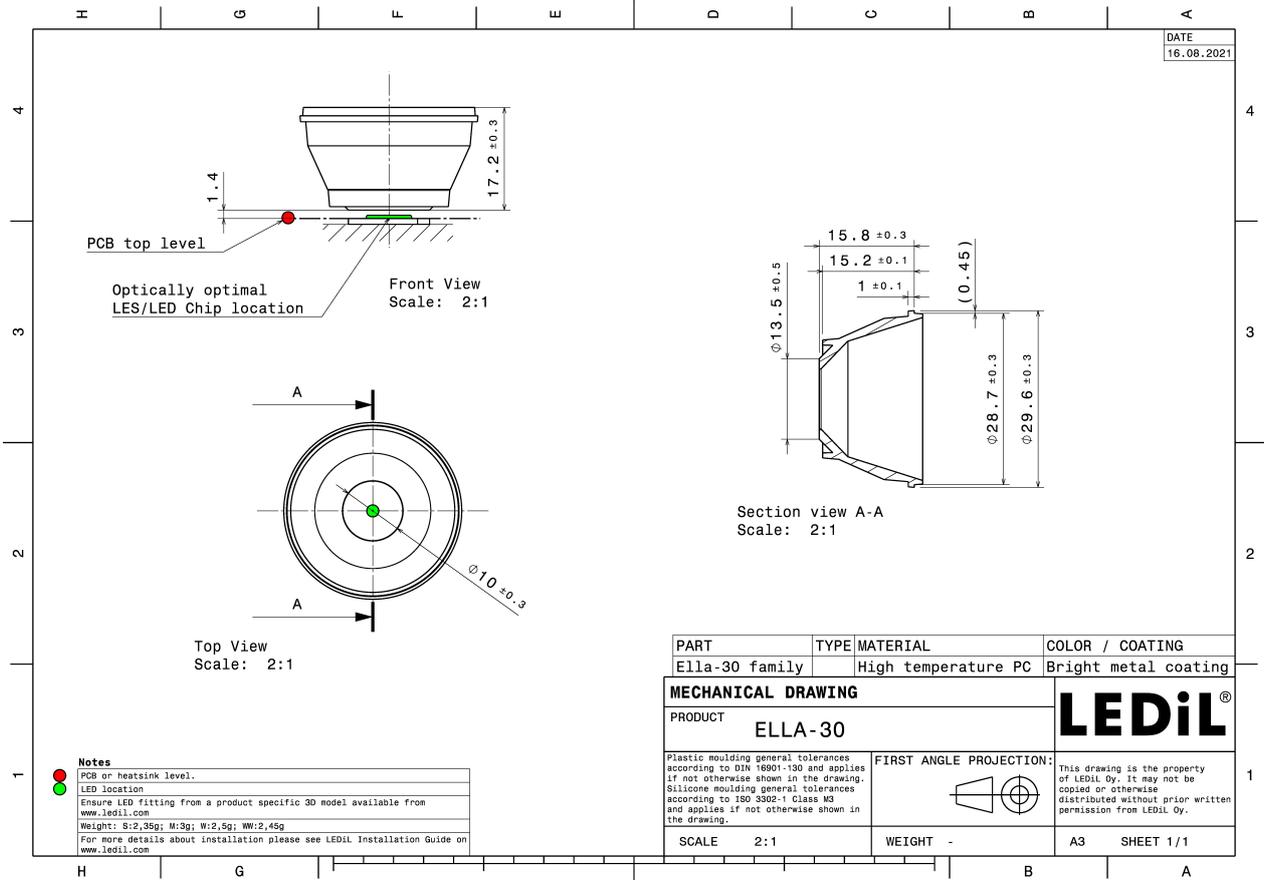
MATERIALS:

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



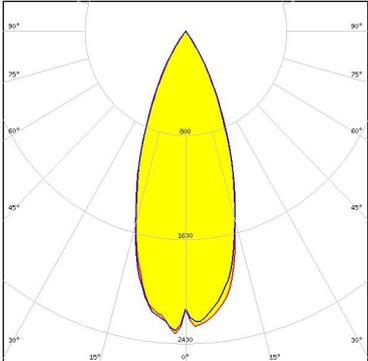
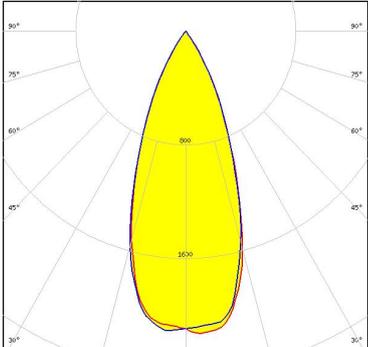
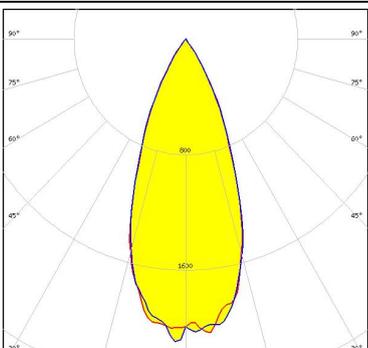
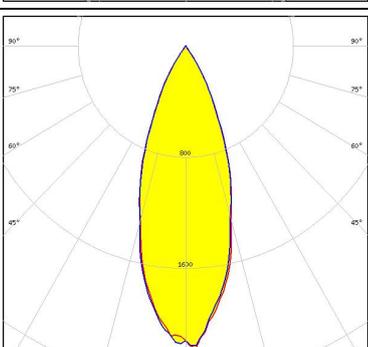
ORDERING INFORMATION:

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

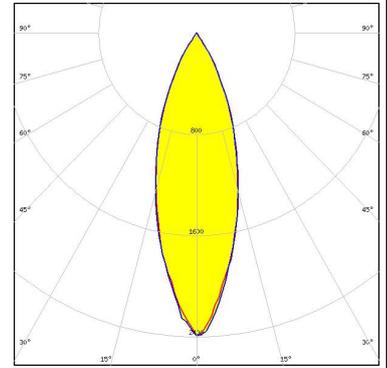
OPTICAL RESULTS (SIMULATED):

<p> bridgelux.</p> <p>LED V4 HD Gen 7</p> <p>FWHM / FWTM 38.0° / 63.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 2.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> bridgelux.</p> <p>LED V6 HD Gen 7</p> <p>FWHM / FWTM 40.0° / 65.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> bridgelux.</p> <p>LED V8 Gen7</p> <p>FWHM / FWTM 40.5° / 65.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 1.9 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 36.0° / 64.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 2.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

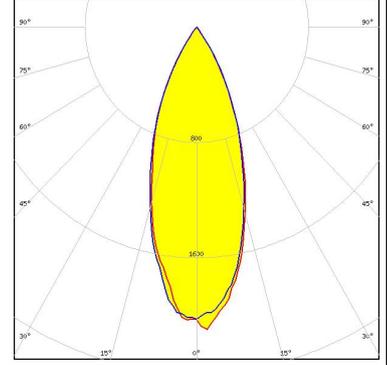
CITIZEN

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



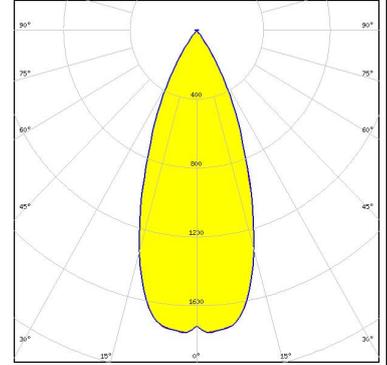
CREE LED

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



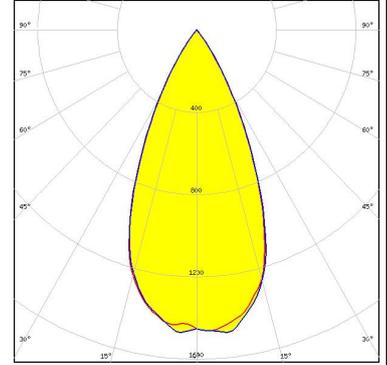
CREE LED

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



CREE LED

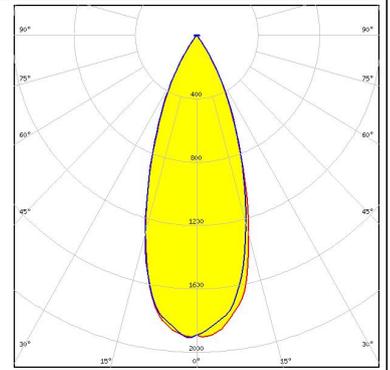
LED CXA/B 15xx
 FWHM / FWTM 48.0° / 70.0°
 Efficiency 88 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

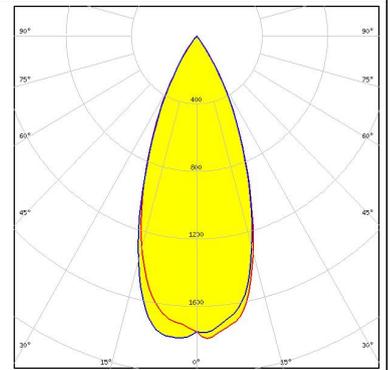
TRIDONIC

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



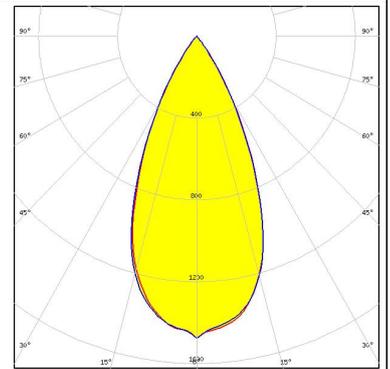
XICATO

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



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 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.

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