

ELLA-30-W

~38° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 29.6 mm
Height	17.2 mm
Fastening	
ROHS compliant	yes 

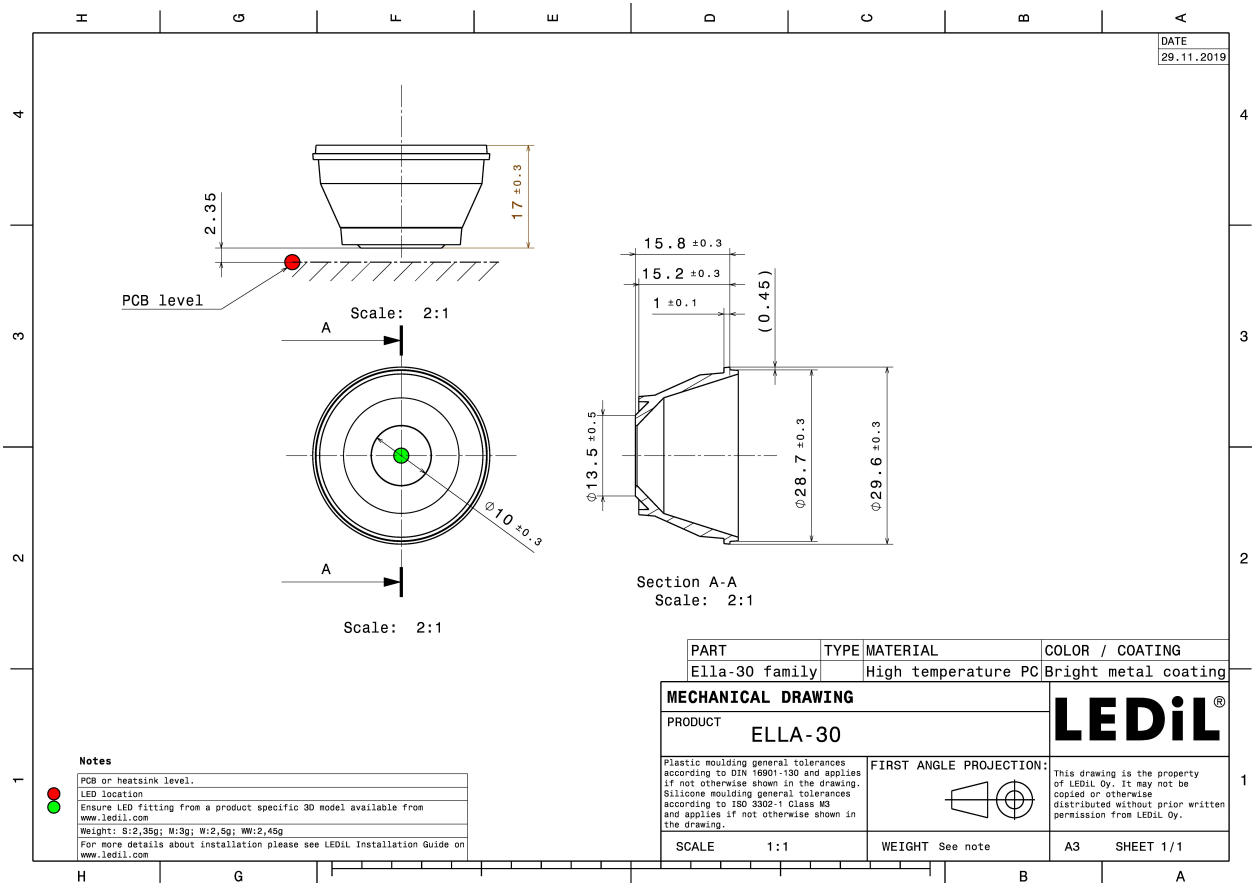
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

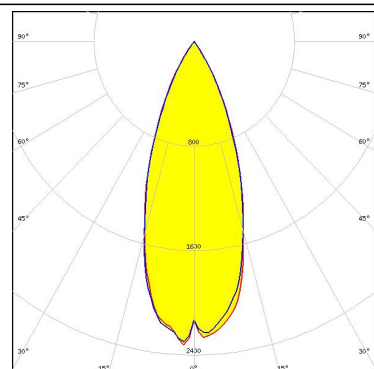
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17248_ELLA-30-W » Box size: 480 x 280 x 300 mm	1320	264	88	4.9



PHOTOMETRIC DATA (SIMULATED):

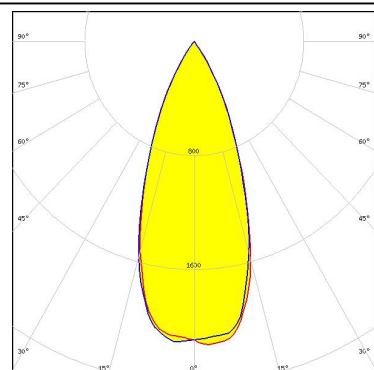
bridgelux.

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



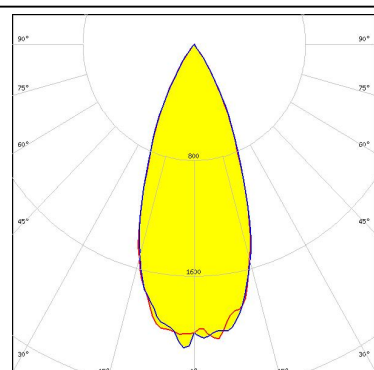
bridgelux.

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



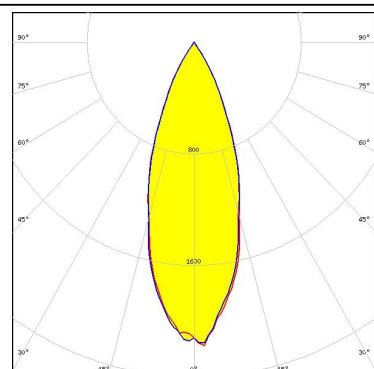
bridgelux.

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



CITIZEN

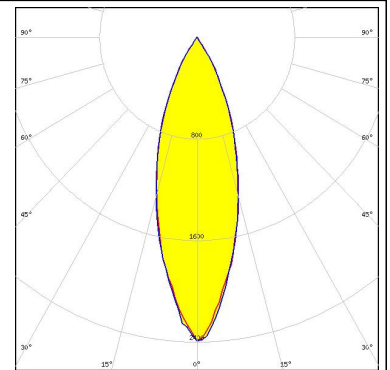
LED CLU7A2 (LES 4.2mm)
FWHM 36.0°
Efficiency 89 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 434 Typ L1



PHOTOMETRIC DATA (SIMULATED):

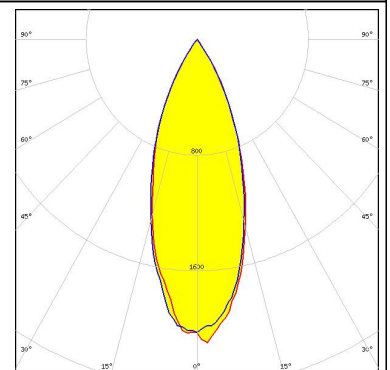
CITIZEN

LED CLU7B2
FWHM 32.0°
Efficiency 89 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 434 Typ L1



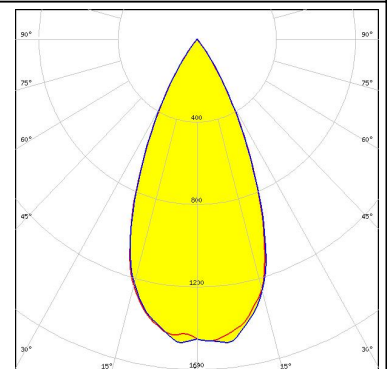
CREE

LED CMA1303
FWHM 37.0 + 38.0°
Efficiency 90 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 448 Typ L1



CREE

LED CXA/B 15xx
FWHM 48.0°
Efficiency 88 %
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.

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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