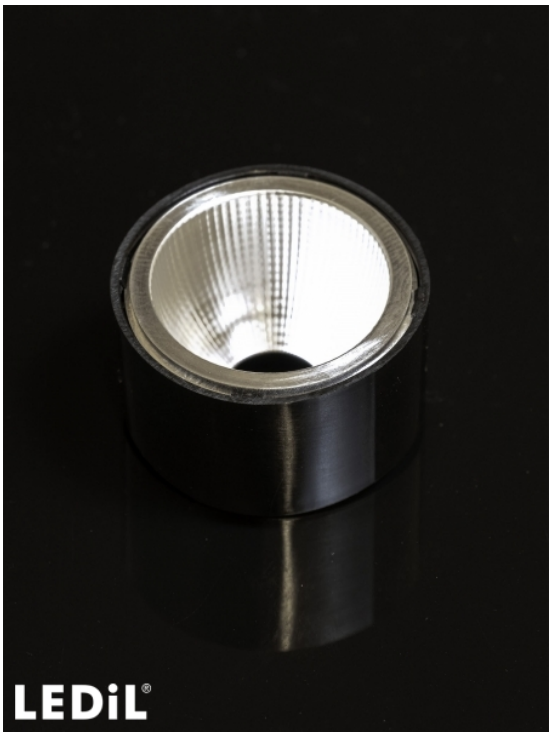
ELLA-30-W

~38° wide beam. Assembly with black holder.



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 32.0 mm
Height	20 mm
ROHS compliant	yes

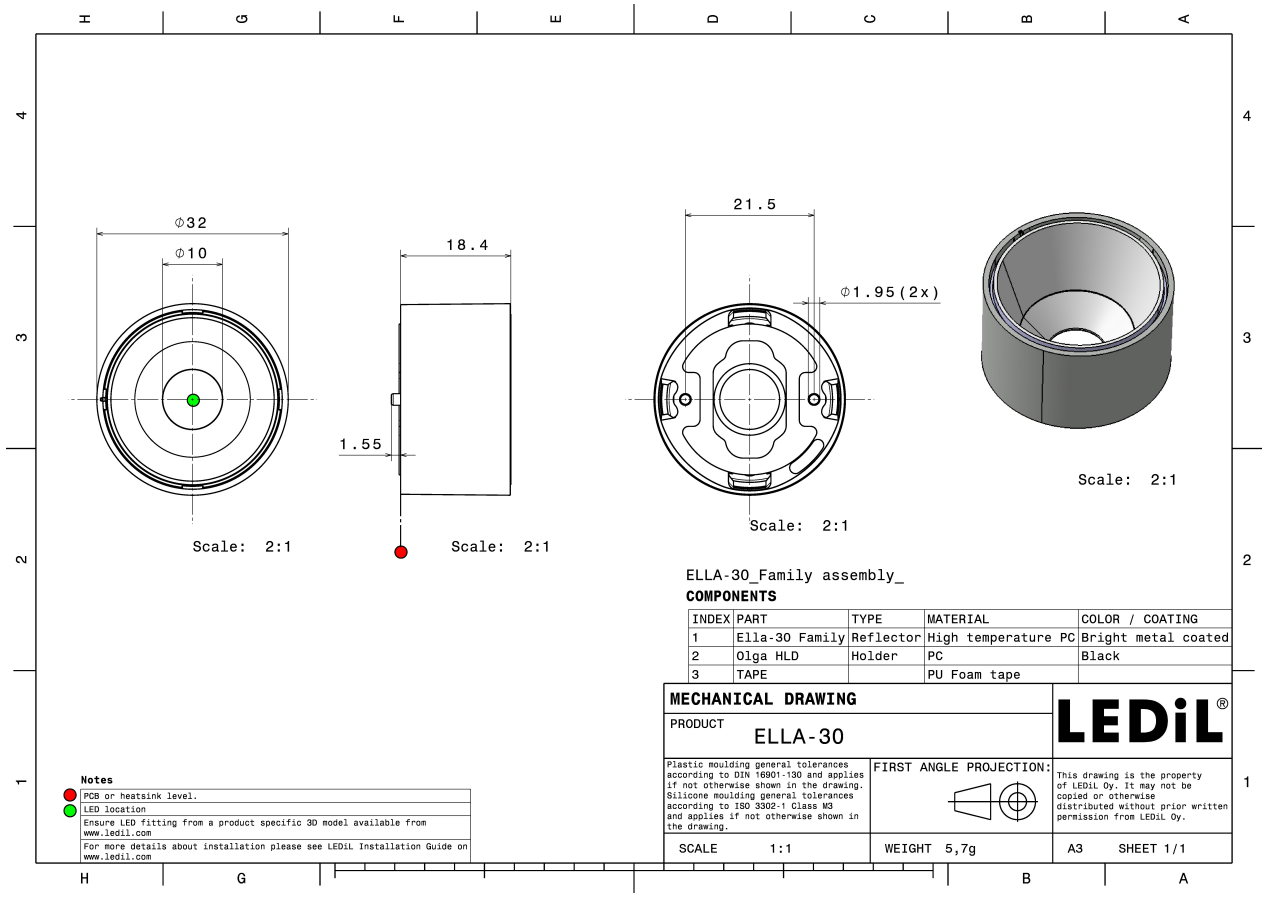
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ELLA-30-W	Reflector	HTPC	metal	
OLGA-HLD	Holder	PC	black	
SPUTNIK-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA17282_ELLA-30-W » Box size: 480 x 280 x 300 mm	Reflector	792	264	66	5.9

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ELLA-30_Family assembly_

COMPONENTS

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	Ella-30 Family	Reflector	High temperature PC	Bright metal coated
2	Olga HLD	Holder	PC	Black
3	TAPE		PU Foam tape	

MECHANICAL DRAWING

PRODUCT ELLA-30

LEDiL®

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

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SCALE 1:1 | WEIGHT 5,7g | A3 SHEET 1/1

Notes

- PCB or heatsink level.
- LED location
- Ensure LED fitting from a product specific 3D model available from www.ledil.com
- For more details about installation please see LEDiL Installation Guide on www.ledil.com

See also our general installation guide: www.ledil.com/installation_guide

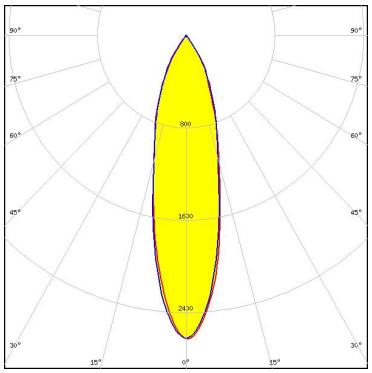
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PHOTOMETRIC DATA (MEASURED):

CREE LED

LED	XHP35 HD
FWHM / FWTM	26.0° / 65.0°
Efficiency	87 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

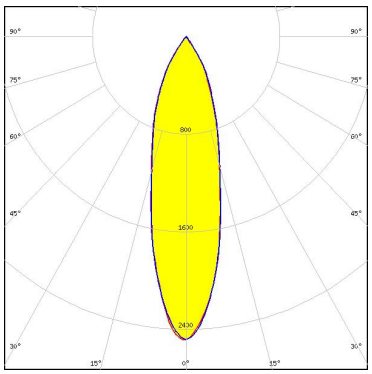




CREE LED

LED	XP-L2
FWHM / FWTM	28.0° / 65.0°
Efficiency	85 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

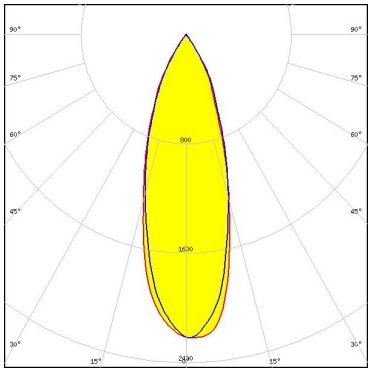




LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	33.0° / 65.0°
Efficiency	88 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

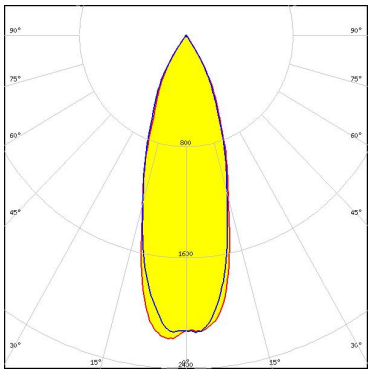




NICHIA

LED	NFMW48xA
FWHM / FWTM	34.0° / 65.0°
Efficiency	87 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





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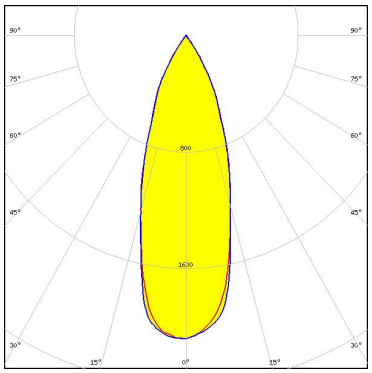
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	Duris S8
FWHM / FWTM	35.0° / 66.0°
Efficiency	88 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



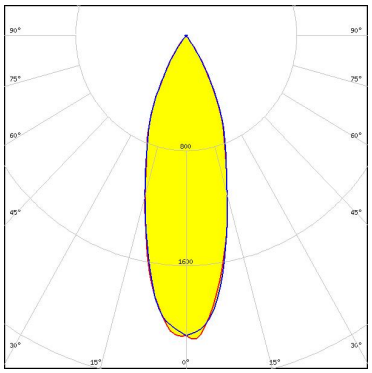


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PHOTOMETRIC DATA (SIMULATED):

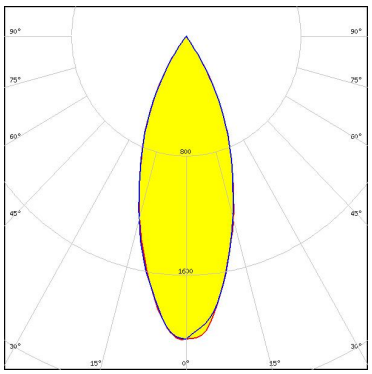
CREE LED

LED	XHP35.2
FWHM / FWTM	32.0° / 65.0°
Efficiency	85 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

LED	XHP50.3 HD
FWHM / FWTM	38.0° / 66.0°
Efficiency	91 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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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.

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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