

BOOM-M

~30° medium beam. Assembly with 0.2 mm thick installation tape.

SPECIFICATION:

Dimensions	Ø 22.2
Height	14.3 mm
Fastening	tape
ROHS compliant	yes ⓘ

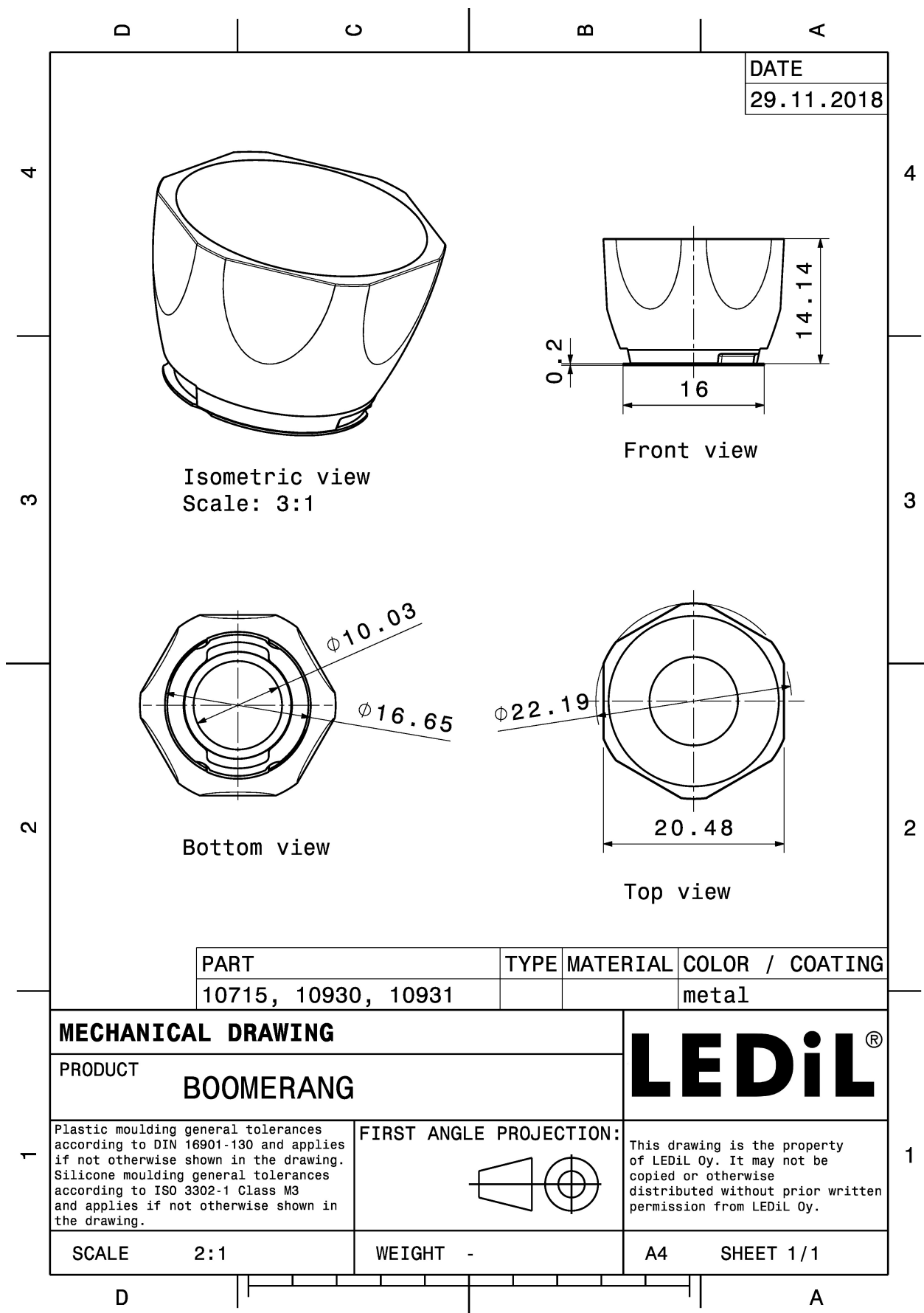


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
BOOM-M	Reflector	PC	metal		
BOOM-TAPE	Tape	PET tape	clear		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA10930_BOOM-M	Reflector	1680	336	112	5.4
» Box size: 480 x 280 x 300 mm					

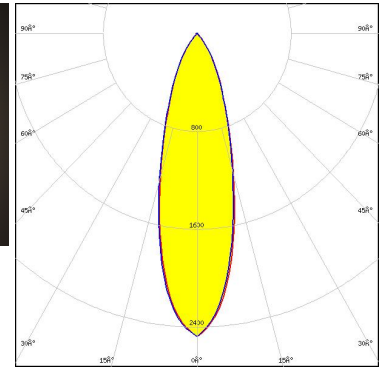
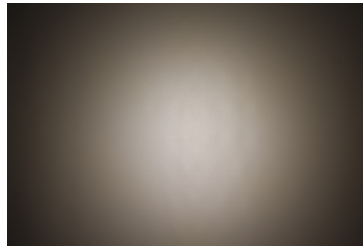


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



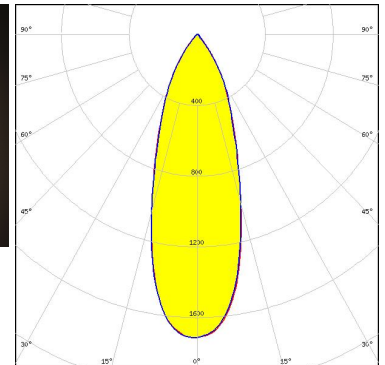
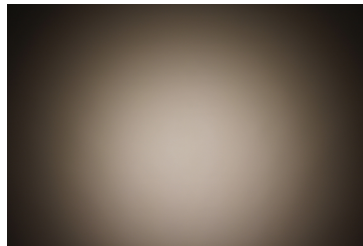
LED MHB-A/B
FWHM / FWTM 31.0° / 70.0°
Efficiency 82 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



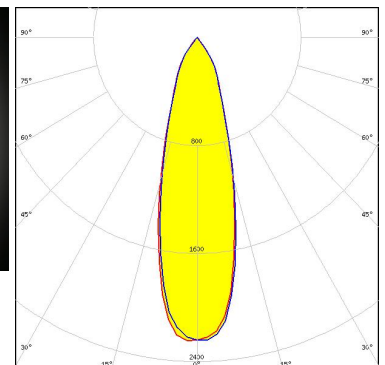
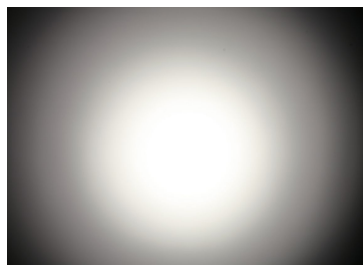
LED MHD-E/G
FWHM / FWTM 34.0° / 72.0°
Efficiency 82 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON M/MX
FWHM / FWTM 30.0° / 66.0°
Efficiency 79 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

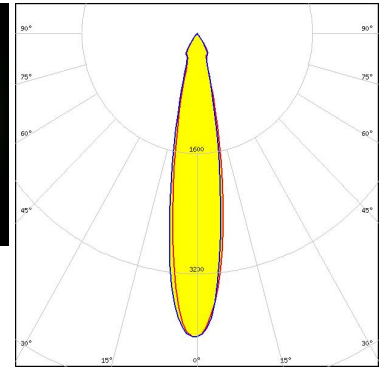


Light distribution files

OPTICAL RESULTS (MEASURED):



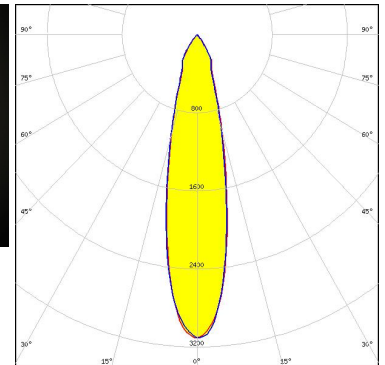
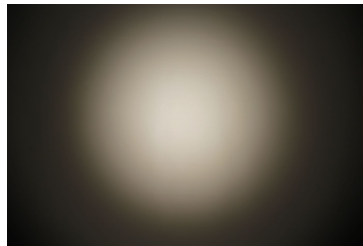
LED LUXEON MZ
FWHM / FWTM 20.0° / 41.0°
Efficiency 75 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



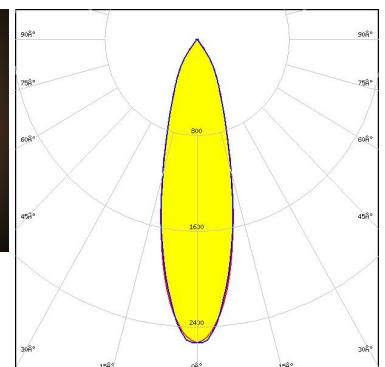
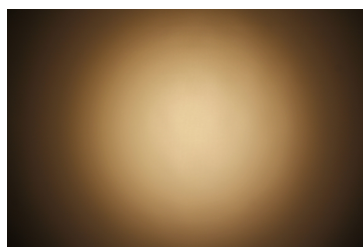
LED NFMW48xA
FWHM / FWTM 23.0° / 59.0°
Efficiency 80 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files




LED Duris S10
FWHM / FWTM 28.0° / 65.0°
Efficiency 74 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

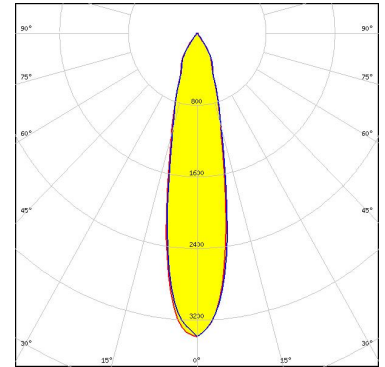
OPTICAL RESULTS (MEASURED):

 SEOUL SEMICONDUCTOR	
LED	P7
FWHM / FWTM	33.0° / 74.0°
Efficiency	%
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
<div>Light distribution files</div>	

OPTICAL RESULTS (SIMULATED):



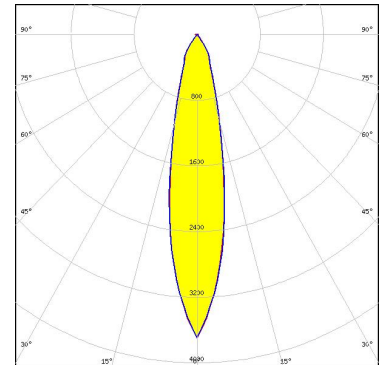
LED MC-E
FWHM / FWTM 23.0° / 60.0°
Efficiency 90 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



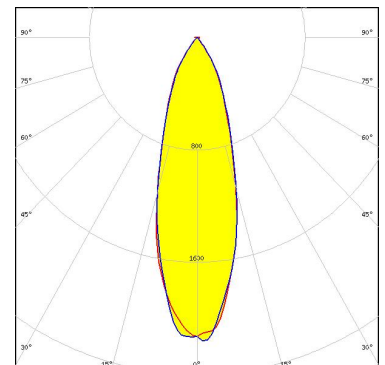
LED LUXEON 5050 Round LES
FWHM / FWTM 22.0° / 52.0°
Efficiency 86 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON 7070
FWHM / FWTM 31.0° / 67.0°
Efficiency 83 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

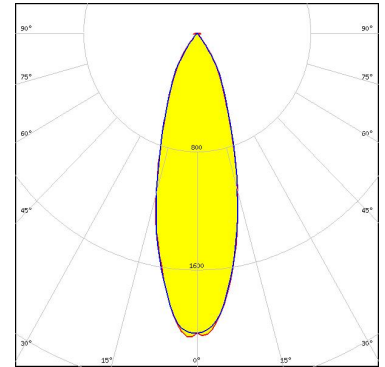


Light distribution files

OPTICAL RESULTS (SIMULATED):



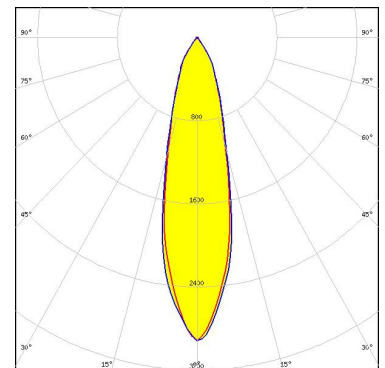
LED	COB S-Type (LES 7)
FWHM / FWTM	31.6° / 67.0°
Efficiency	82 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



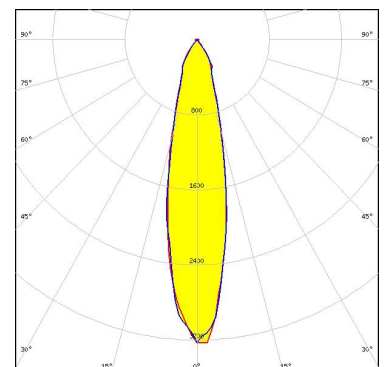
LED	Duris S8
FWHM / FWTM	25.7° / 61.7°
Efficiency	87 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	OSCONIQ P 7070
FWHM / FWTM	25.0° / 63.0°
Efficiency	85 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

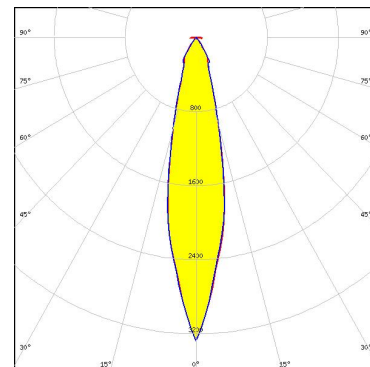


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED	Z8Y19
FWHM / FWTM	22.0° / 50.0°
Efficiency	79 %
Peak intensity	3.3 cd/lm
LEDs/each optic	4
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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