

BOOM-S

~20° spot beam

SPECIFICATION:

Dimensions	Ø 22.2 mm
Height	14.1 mm
Fastening	tape
ROHS compliant	yes ⓘ

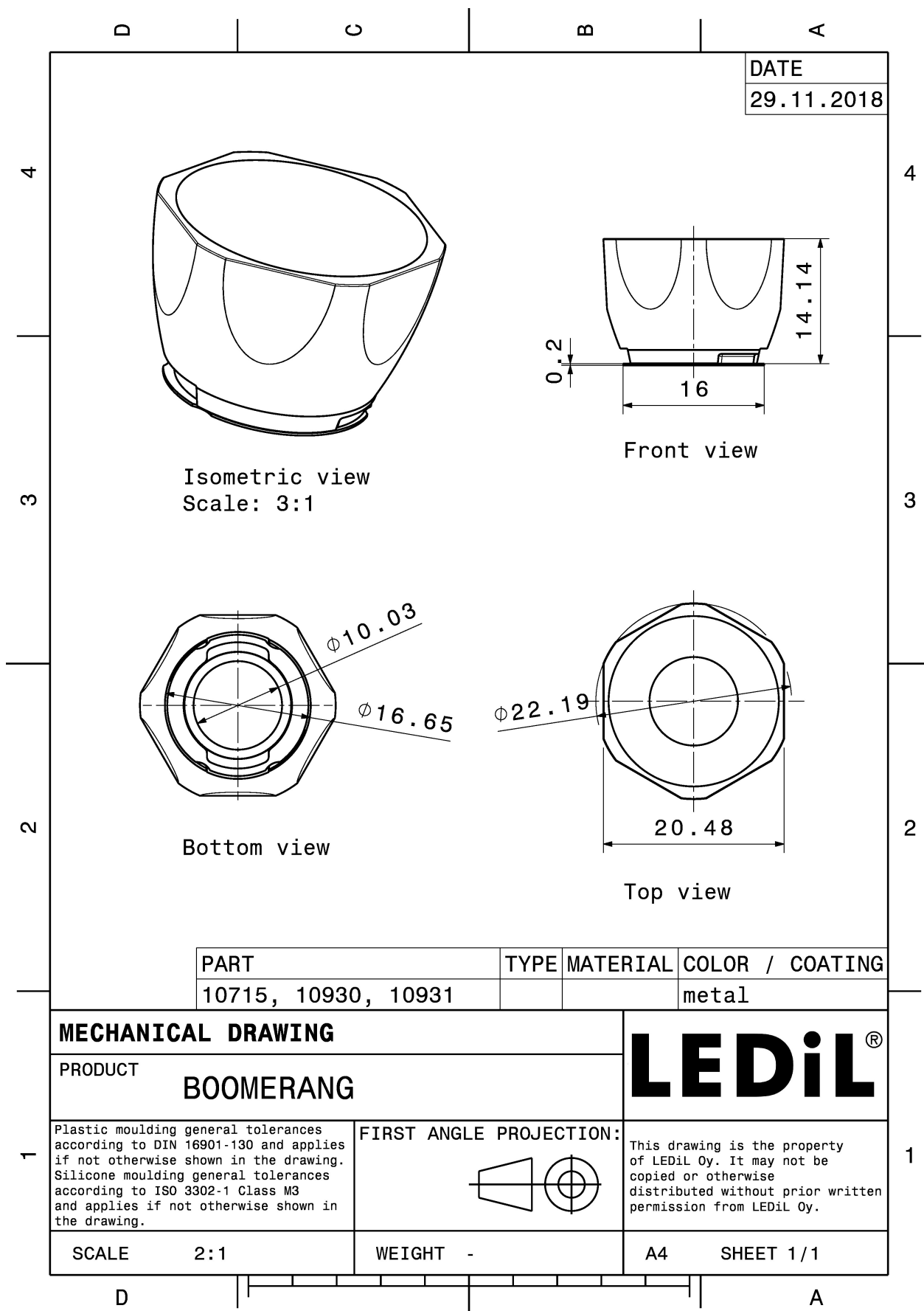
MATERIALS:

Component	Type	Material	Colour	Finish	Coating
BOOM-S	Reflector	PC	metal		lacquer



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10588_BOOM-S » Box size: 480 x 280 x 300 mm	1680	1680	1680	0.0



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

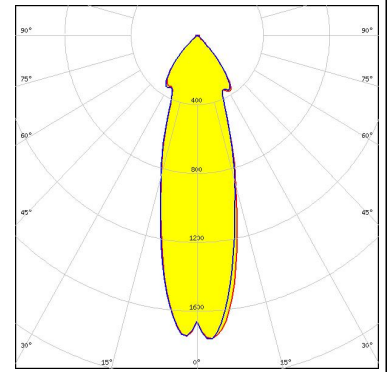
OPTICAL RESULTS (MEASURED):

 SEOUL SEMICONDUCTOR	
LED	P7
FWHM / FWTM	21.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

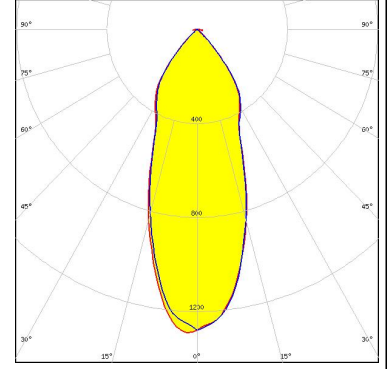
OPTICAL RESULTS (SIMULATED):



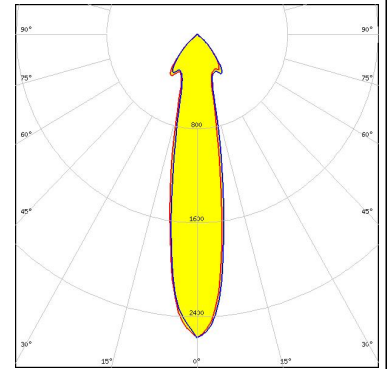
LED CMA1303
FWHM / FWTM 29.0° / 84.0°
Efficiency 86 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



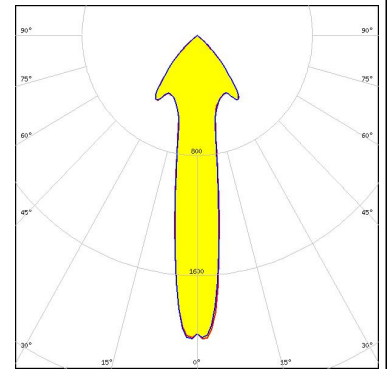
LED CMA1306
FWHM / FWTM 38.0° / 86.0°
Efficiency 82 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED MC-E
FWHM / FWTM 20.0° / 82.0°
Efficiency 90 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



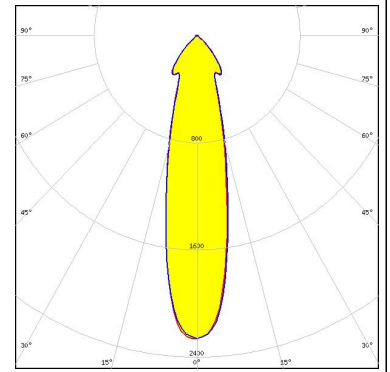
LED LZ4-00XX08
FWHM / FWTM 17.0° / 90.0°
Efficiency 93 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour Blue
Required components:



OPTICAL RESULTS (SIMULATED):

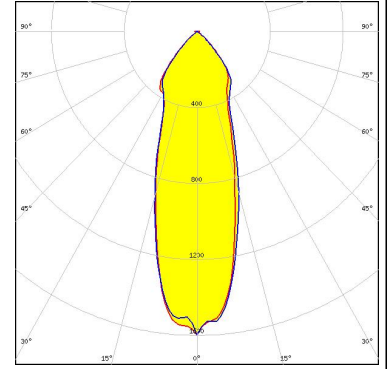
LUMILEDS

LED LUXEON 5050 Round LES
FWHM / FWTM 24.0° / 82.0°
Efficiency 88 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



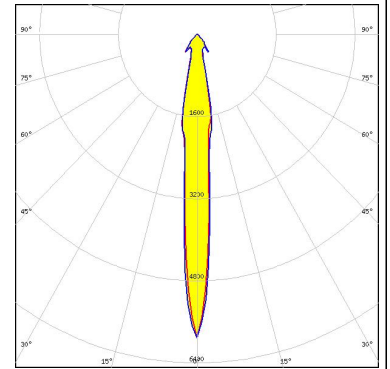
LUMILEDS

LED LUXEON 7070
FWHM / FWTM 32.0° / 88.0°
Efficiency 92 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



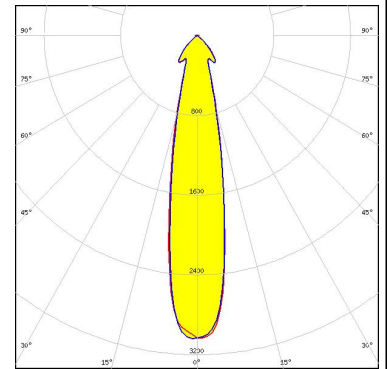
LUMINUS

LED SFT-12R-W
FWHM / FWTM 10.0° / 28.0°
Efficiency 88 %
Peak intensity 5.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMINUS

LED SST-70X-WCS
FWHM / FWTM 21.0 + 20.0° / 76.0°
Efficiency 93 %
Peak intensity 3.1 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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