BOOM-M

~30° medium beam

TECHNICAL SPECIFICATIONS:

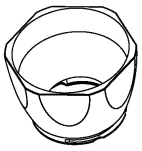
Dimensions	Ø 22.2 mm
Height	13.6 mm
Fastening	tape
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

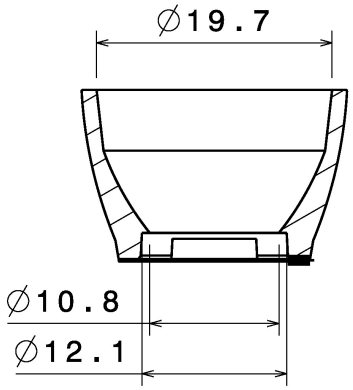
Component	Type	Material	Colour	Finish	Coating
BOOM-M	Reflector	PC	metal		lacquer

ORDERING INFORMATION:

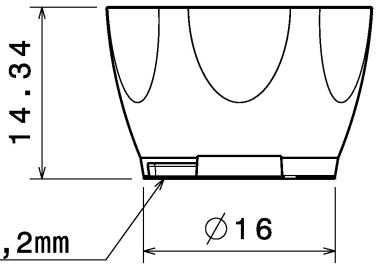
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10589_BOOM-M » Box size: 480 x 280 x 300 mm	1680		112	0.0



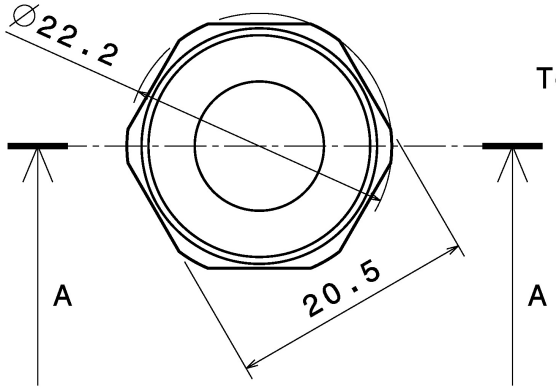
Isometric view
Scale: 1:1



Section view A-A



Front view



Top view

Material:
PC with metal coating

Part no.s:
Spot CA10715
Medium CA10930
Wide CA10931

Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWN BY: pv	DATE: 22.06.2009	DRAWING TITLE: Datasheet Boom-reflector assy		
CHECKED BY: tk	DATE: 09.02.2009	SIZE: A4	DRAWING NUMBER: -	REV: 2
DESIGNED BY: HH	DATE: 07.08.2008	SCALE: 2:1	WEIGHT(g):	SHEET: 1/1

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

PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

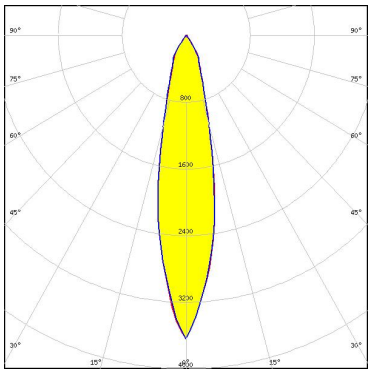
LED	P7
FWHM / FWTM	39.0°
Efficiency	%
LEDs/each optic	1
Light colour	White

Required components:

PHOTOMETRIC DATA (SIMULATED):

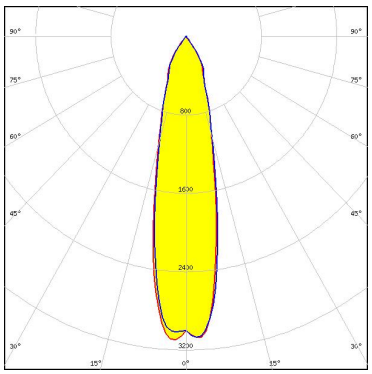
CREE LED

LED	CMA1303
FWHM / FWTM	22.0° / 54.0°
Efficiency	86 %
Peak intensity	3.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



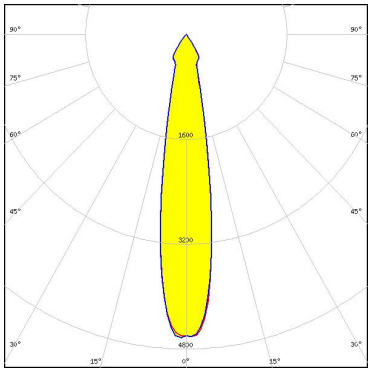
CREE LED

LED	MC-E
FWHM / FWTM	24.0° / 64.0°
Efficiency	90 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



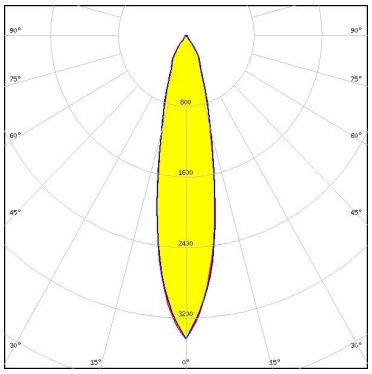
LED ENGIN

LED	LZ4-00XX08
FWHM / FWTM	20.0° / 44.0°
Efficiency	93 %
Peak intensity	4.7 cd/lm
LEDs/each optic	1
Light colour	Blue
Required components:	



LUMILEDS

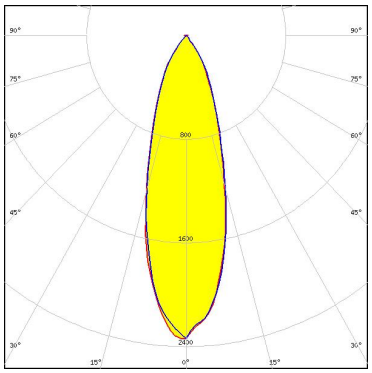
LED	LUXEON 5050 Round LES
FWHM / FWTM	22.0° / 56.0°
Efficiency	87 %
Peak intensity	3.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

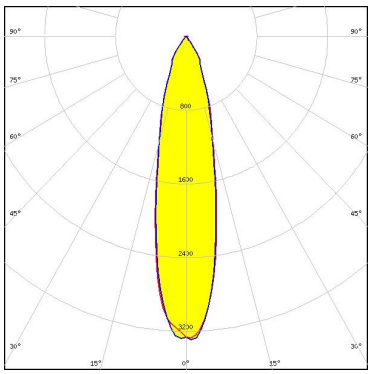
LUMILEDS

LED	LUXEON 7070
FWHM / FWTM	31.0° / 67.0 + 68.0°
Efficiency	90 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMINUS

LED	SST-70X-WCS
FWHM / FWTM	24.0° / 58.0 + 57.0°
Efficiency	92 %
Peak intensity	3.3 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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