BOOM-M

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

TECHNICAL SPECIFICATIONS:

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

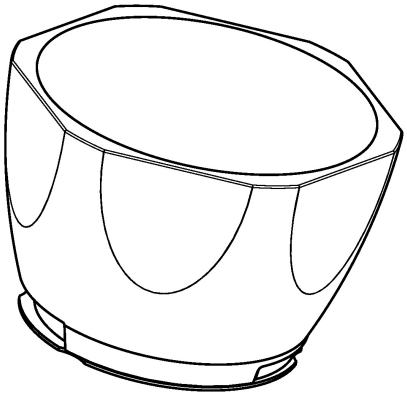
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
BOOM-M	Reflector	PC	metal	
BOOM-TAPE	Tape	PU tape 0,25mm	clear	

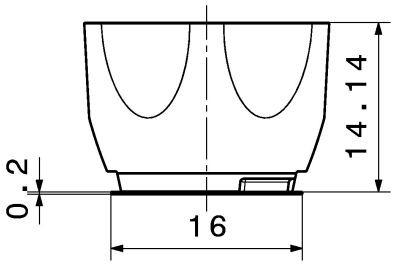
ORDERING INFORMATION:

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					

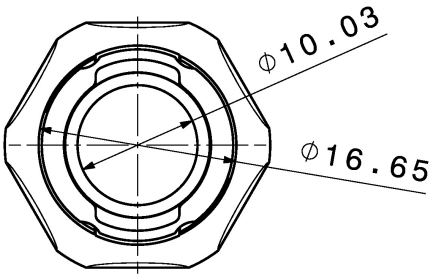
DATE
29.11.2018



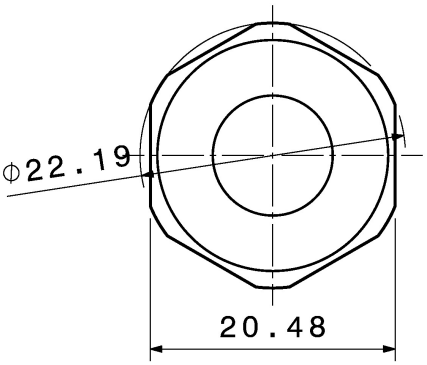
Isometric view
Scale: 3:1



Front view



Bottom view



Top view

PART	TYPE	MATERIAL	COLOR / COATING
10715, 10930, 10931			metal

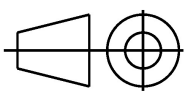
MECHANICAL DRAWING

PRODUCT BOOMERANG

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:



SCALE 2:1 | WEIGHT - | A4 SHEET 1/1

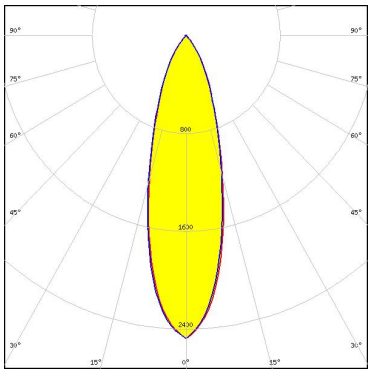
See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

CREE LED

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

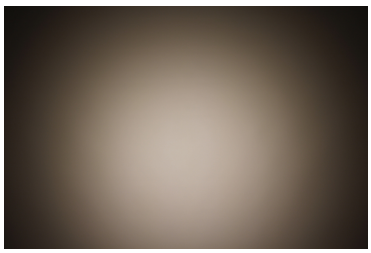
Required components:

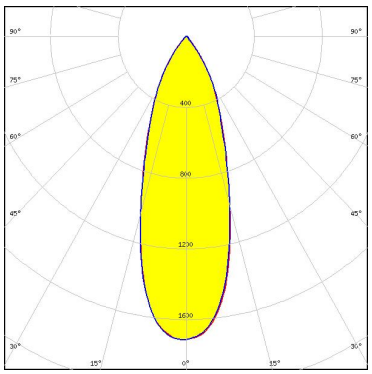


CREE LED

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

Required components:

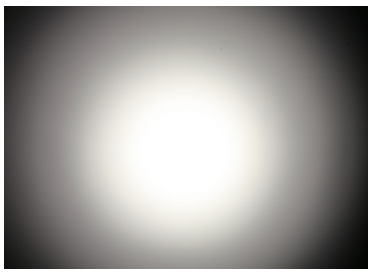


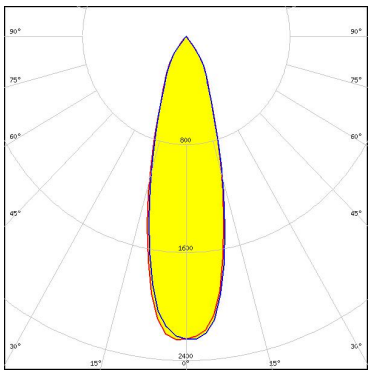


LUMILEDS

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

Required components:

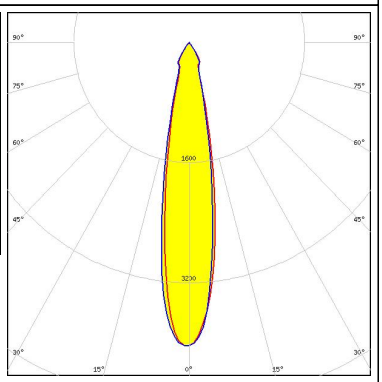




LUMILEDS

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

Required components:

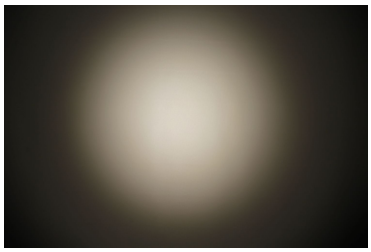


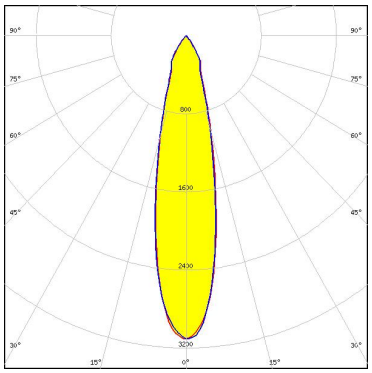
PHOTOMETRIC DATA (MEASURED):

NICHIA

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

Required components:

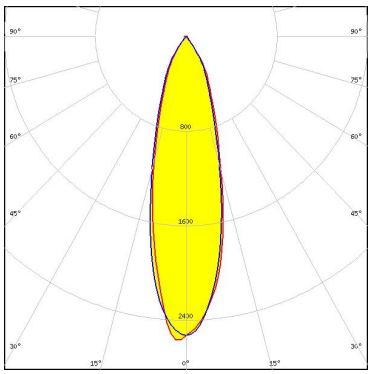




OSRAM
Opto Semiconductors

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

Required components:



SEOUL SEMICONDUCTOR

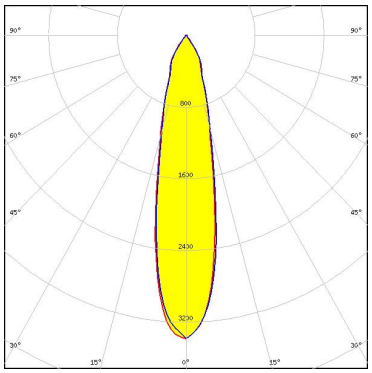
LED	P7
FWHM / FWTM	33.0° / 74.0°
Efficiency	%
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

PHOTOMETRIC DATA (SIMULATED):

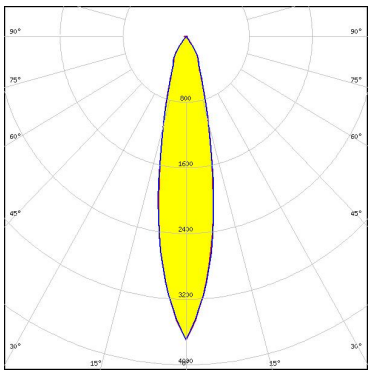
CREE LED

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



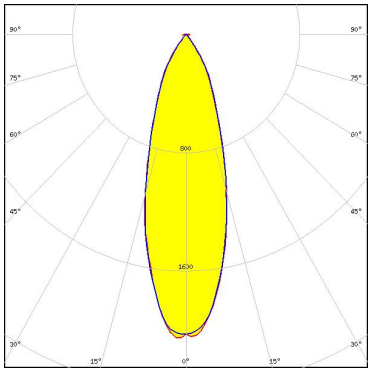
LUMILEDS

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	White
Required components:	



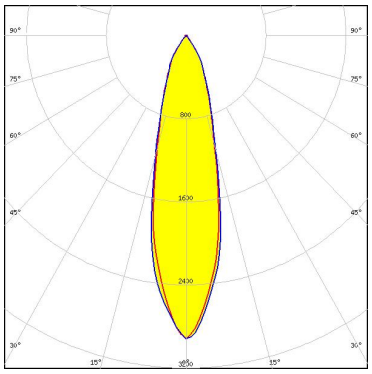
NICHIA

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	White
Required components:	



OSRAM
Opto Semiconductors

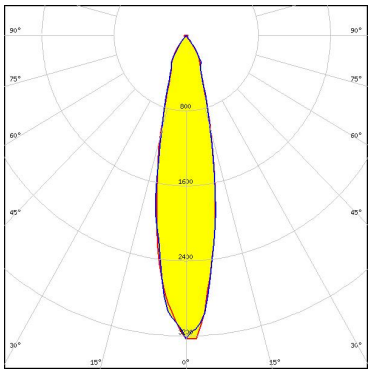
LED	Duris S8
FWHM / FWTM	25.7° / 61.7°
Efficiency	87 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

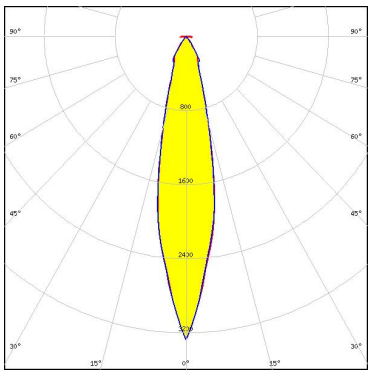
OSRAM
Opto Semiconductors

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



SEOUL SEMICONDUCTOR

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

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support
www.ledil.com/
where_to_buy

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy