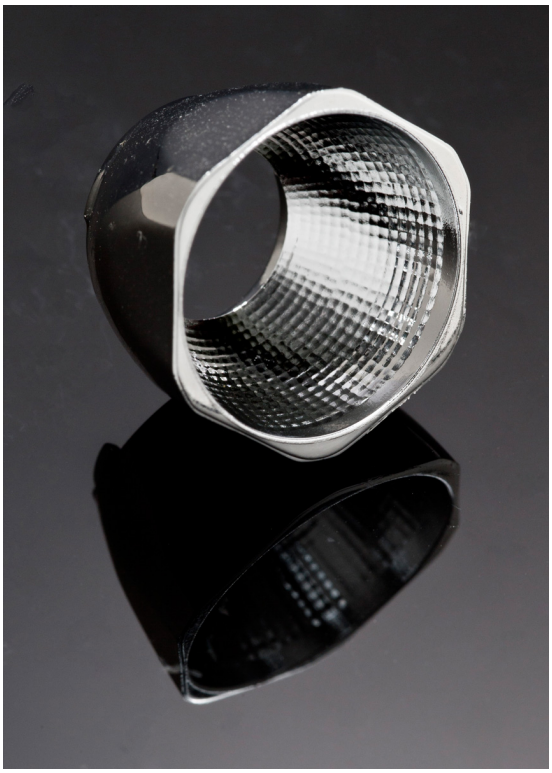
BOOM-W

~55° wide beam. Assembly with 0.2 mm thick installation tape.



SPECIFICATION:

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

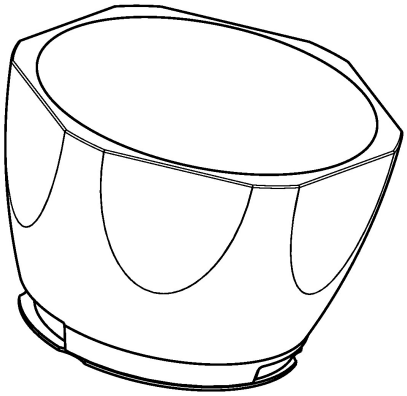
MATERIALS:

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

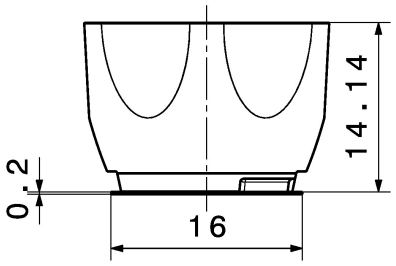
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA10931_BOOM-W	Reflector	1680	336	112	5.2
» Box size: 480 x 280 x 300 mm					

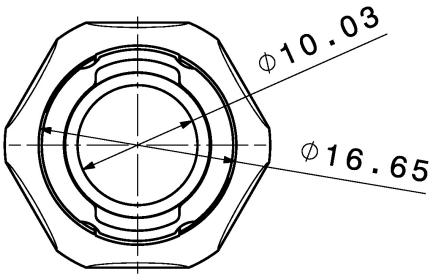
DATE
29.11.2018



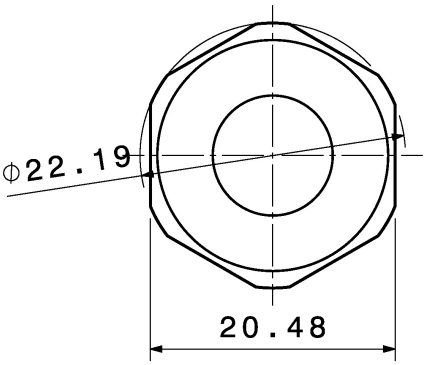
Isometric view
Scale: 3:1



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:

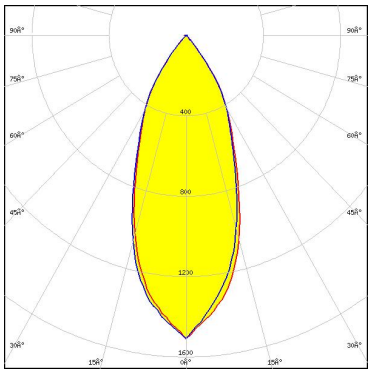
SCALE 2:1 | WEIGHT - | A4 SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

CREE LEDs

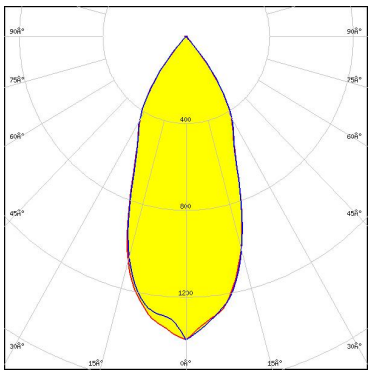
LED	MHB-A/B
FWHM / FWTM	49.0° / 80.0°
Efficiency	84 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

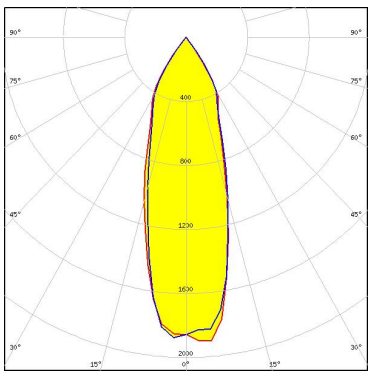
LED	LUXEON M/MX
FWHM / FWTM	43.0° / 78.0°
Efficiency	84 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON MZ
FWHM / FWTM	33.0° / 72.0°
Efficiency	82 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

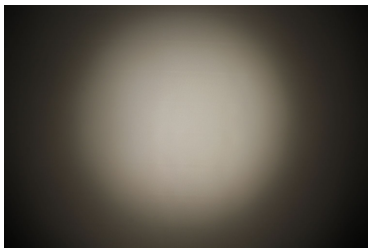


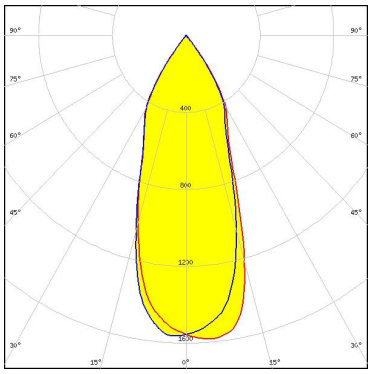
Light distribution files

OPTICAL RESULTS (MEASURED):

NICHIA

LED	NFMW48xA
FWHM / FWTM	38.0° / 74.0°
Efficiency	84 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

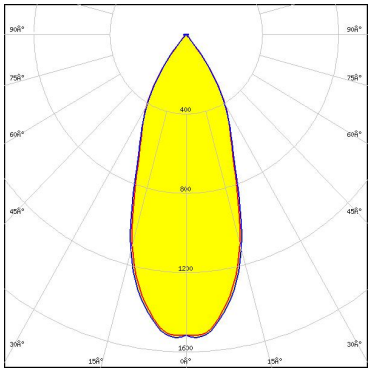




Light distribution files

OSRAM
Opto Semiconductors

LED	Duris S10
FWHM / FWTM	41.0° / 75.0°
Efficiency	80 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

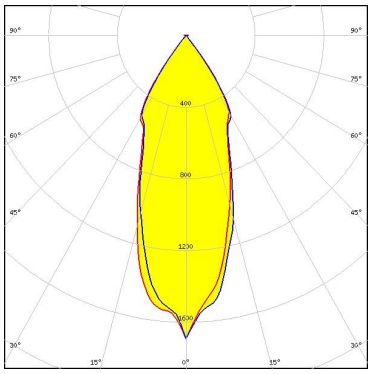
LED	P7
FWHM / FWTM	70.0° / 88.0°
Efficiency	%
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

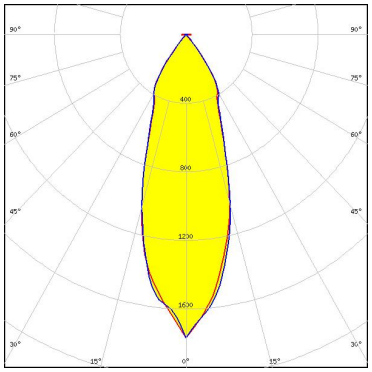
LED	MC-E
FWHM / FWTM	37.0° / 76.0°
Efficiency	90 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

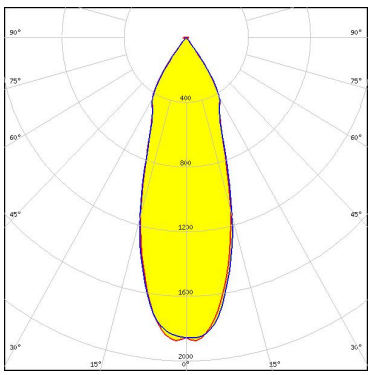
LED	XHP35.2 HD
FWHM / FWTM	34.0° / 74.0°
Efficiency	84 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON 5050 Round LES
FWHM / FWTM	34.0° / 72.0°
Efficiency	86 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

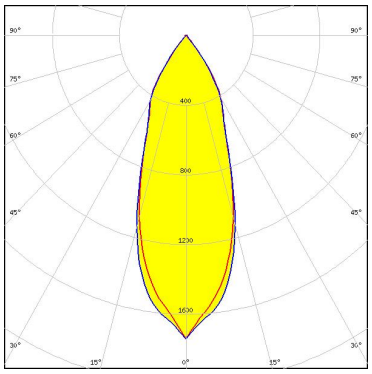


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

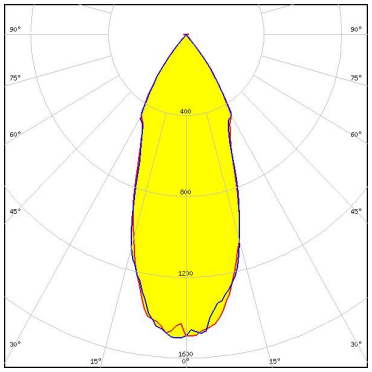
LED	Duris S8
FWHM / FWTM	36.8° / 74.3°
Efficiency	87 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM / FWTM	40.0° / 76.0°
Efficiency	86 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
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.

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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LEDiL Oy
Joensuunkatu 7
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/
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