

## BOOM-S

~20° spot beam. Assembly with 0.2 mm thick installation tape.

### SPECIFICATION:

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

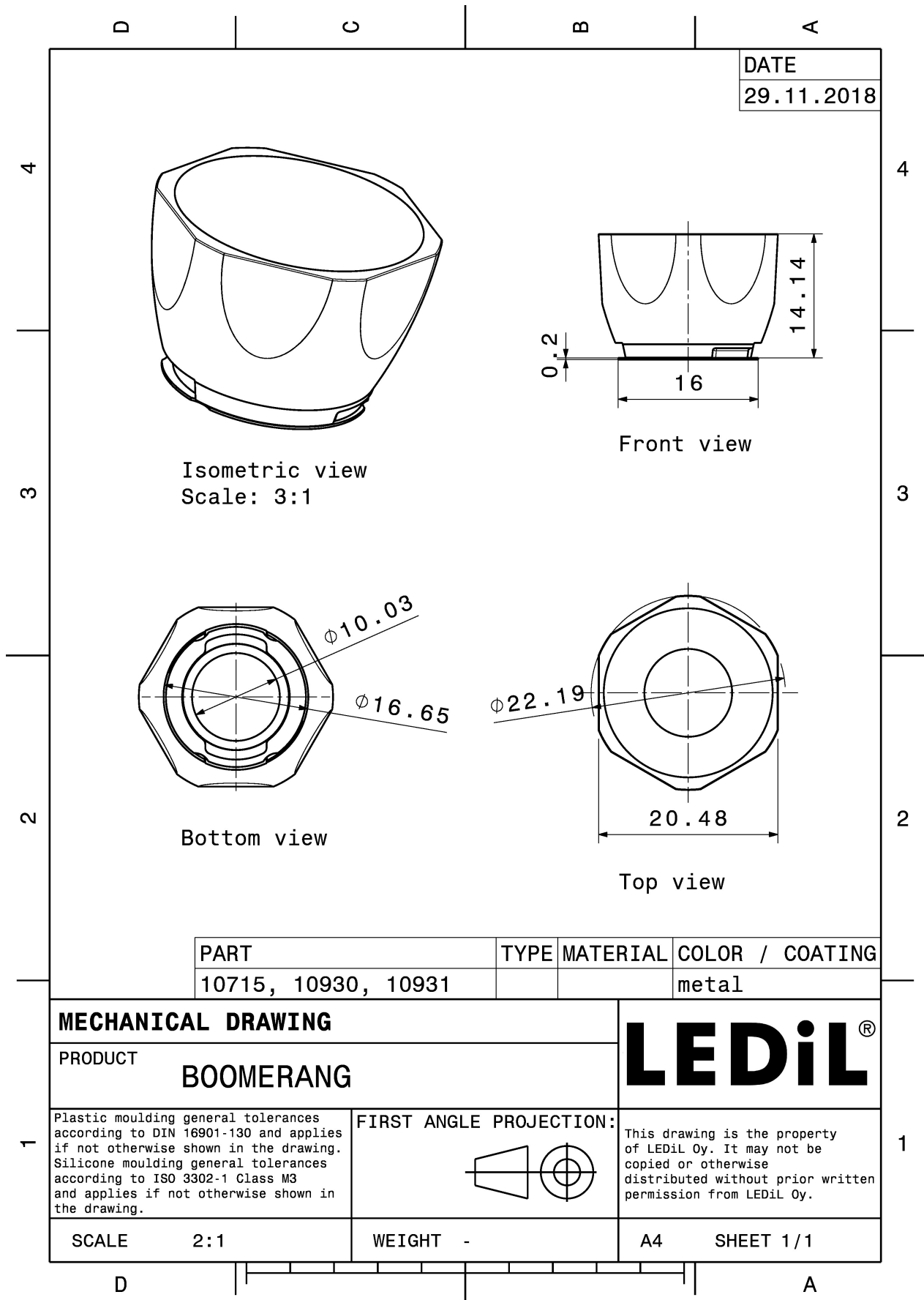
### MATERIALS:

Component	Type	Material	Colour	Finish
BOOM-S	Reflector	PC	metal	
BOOM-TAPE	Tape	PET tape	clear	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA10715_BOOM-S	Reflector	1680	336	112	3.7
» Box size: 476 x 273 x 292 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

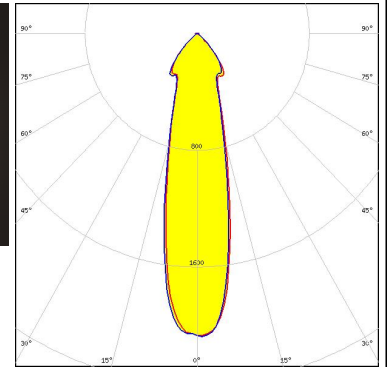
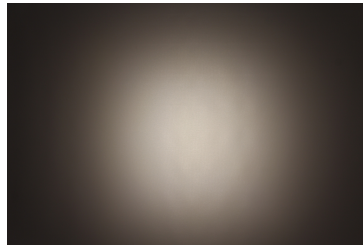
<b>MECHANICAL DRAWING</b>		<b>LEDiL®</b>
PRODUCT <b>BOOMERANG</b>		
Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.	FIRST ANGLE PROJECTION: 	This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.
SCALE 2:1	WEIGHT -	

See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

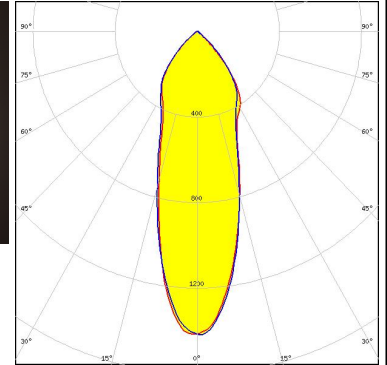
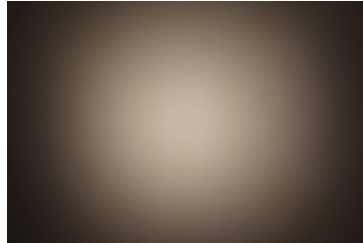
##### CREE LED

LED MHB-A/B  
 FWHM / FWTM 23.0° / 86.0°  
 Efficiency 87 %  
 Peak intensity 2.2 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



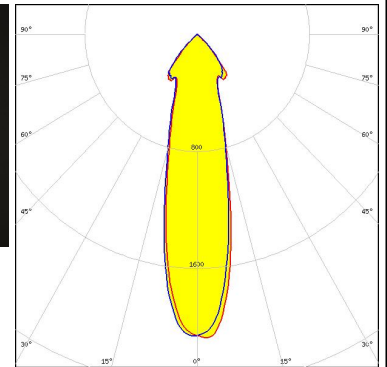
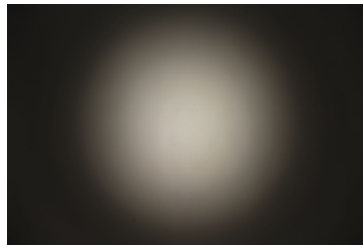
##### CREE LED

LED MHD-E/G  
 FWHM / FWTM 32.0° / 90.0°  
 Efficiency 87 %  
 Peak intensity 1.4 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



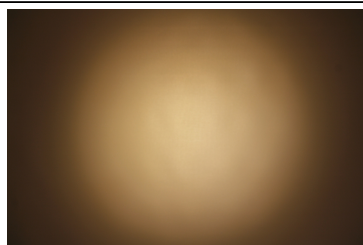
##### NICHIA

LED NFMW48xA  
 FWHM / FWTM 25.0° / 84.0°  
 Efficiency 86 %  
 Peak intensity 2.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:




##### OSRAM

Opto Semiconductors  
 LED Duris S10  
 FWHM / FWTM 35.0° / 87.0°  
 Efficiency 82 %  
 Peak intensity 1.6 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



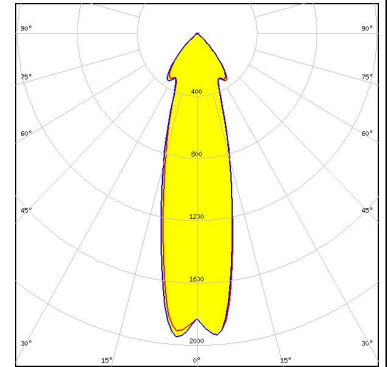
## OPTICAL RESULTS (MEASURED):

	
SEOUL SEMICONDUCTOR	
LED	P7
FWHM / FWTM	17.0° / 48.0°
Efficiency	%
Peak intensity	3.1 cd/m
LEDs/each optic	1
Light colour	White
Required components:	

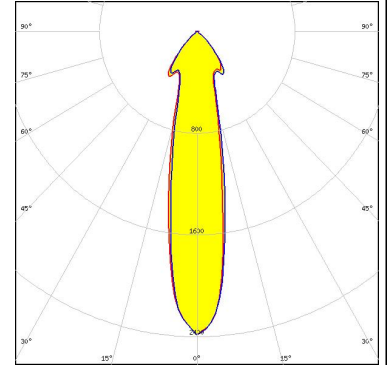
### OPTICAL RESULTS (SIMULATED):



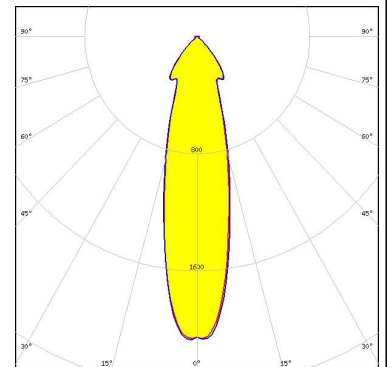
LED J Series 5050 Round LES  
 FWHM / FWTM 28.0° / 84.0°  
 Efficiency 88 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



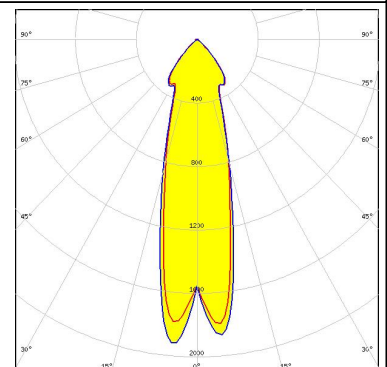
LED MC-E  
 FWHM / FWTM 21.0° / 83.0°  
 Efficiency 90 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON 5050 Round LES  
 FWHM / FWTM 26.0° / 82.0°  
 Efficiency 86 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



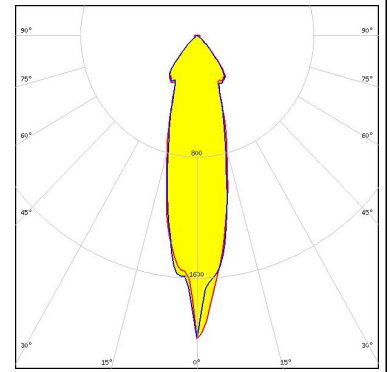
LED Duris S8  
 FWHM / FWTM 26.2° / 84.6°  
 Efficiency 87 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM / FWTM	25.0° / 85.0°
Efficiency	86 %
Peak intensity	2 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.

### 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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