

## BOOM-S

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

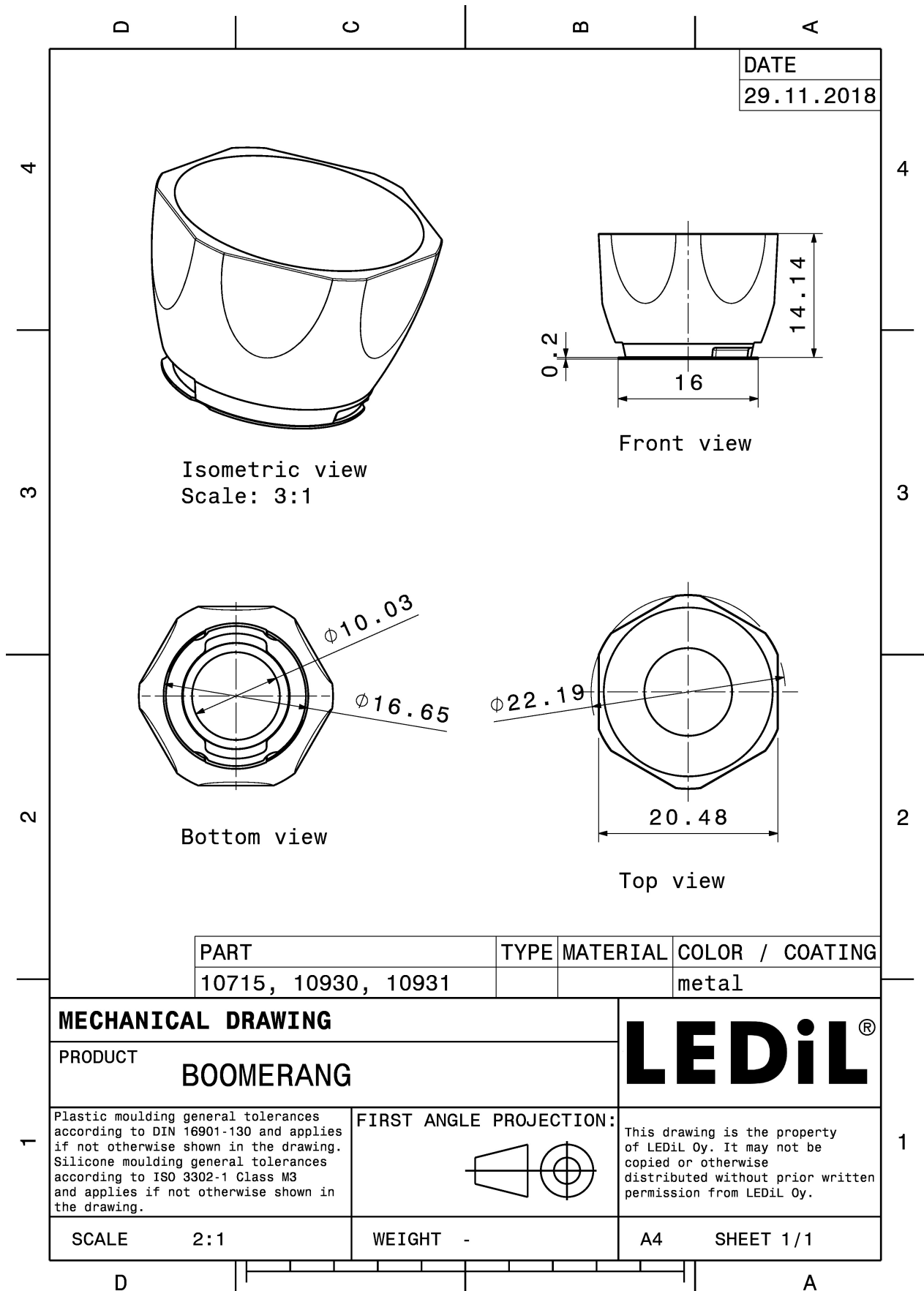
### TECHNICAL SPECIFICATIONS:

Dimensions	22.2 mm
Height	14.3 mm
Fastening	glue, tape
Colour	metal
Box size	476 x 273 x 292 mm
Box weight	3.7 kg
Quantity in Box	1680 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

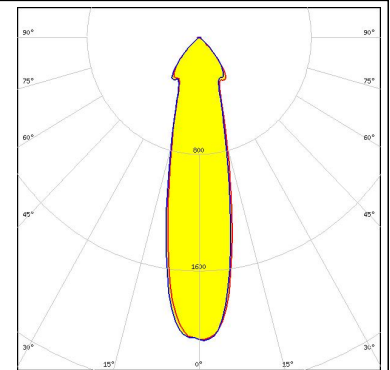
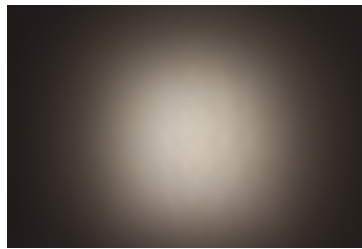
Component	Type	Material	Colour
BOOM-S	Reflector	PC	metal
BOOM-TAPE	Tape	PU tape 0,25mm	



### PHOTOMETRIC DATA (MEASURED):

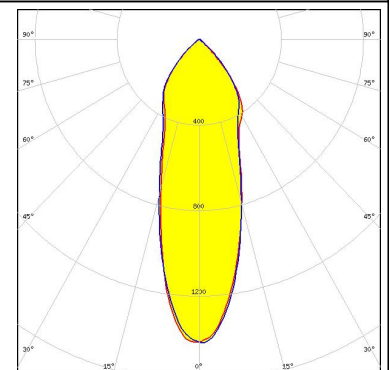
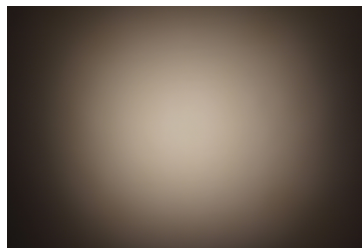
**CREE** 

LED MHB-A/B  
FWHM 23.0°  
Efficiency 87 %  
Peak intensity 2.240 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



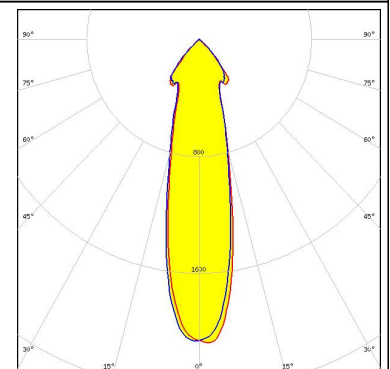
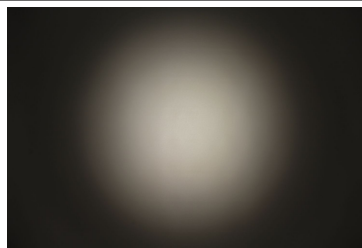
**CREE** 

LED MHD-E/G  
FWHM 32.0°  
Efficiency 87 %  
Peak intensity 1.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



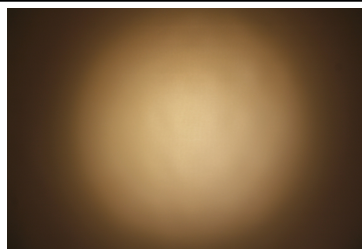
**NICHIA** 

LED NFMW48xA  
FWHM 25.0°  
Efficiency 86 %  
Peak intensity 2.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:




**OSRAM**  
Opto Semiconductors

LED Duris S10  
FWHM 35.0°  
Efficiency 82 %  
Peak intensity 1.600 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



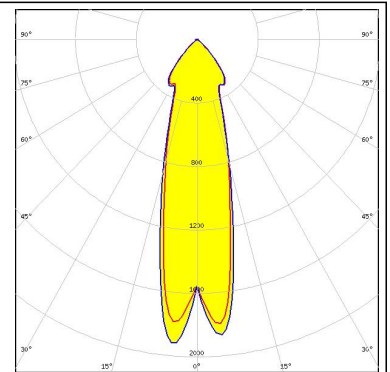
## PHOTOMETRIC DATA (MEASURED):

	
SEOUL SEMICONDUCTOR	
LED	P7
FWHM	17.0°
Efficiency	%
Peak intensity	3.080 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

### PHOTOMETRIC DATA (SIMULATED):

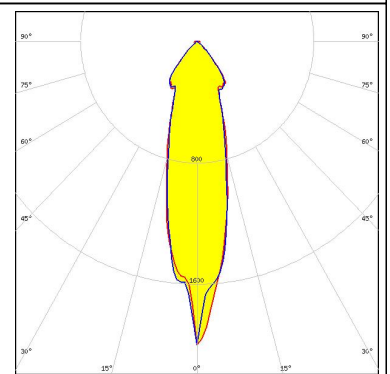
#### OSRAM Opto Semiconductors

LED Duris S8  
FWHM 26.2°  
Efficiency 87 %  
Peak intensity 1.920 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OSRAM Opto Semiconductors

LED OSCONIQ P 7070  
FWHM 25.0°  
Efficiency 86 %  
Peak intensity 2.000 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:

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