

MINNIE-M

~25° medium beam

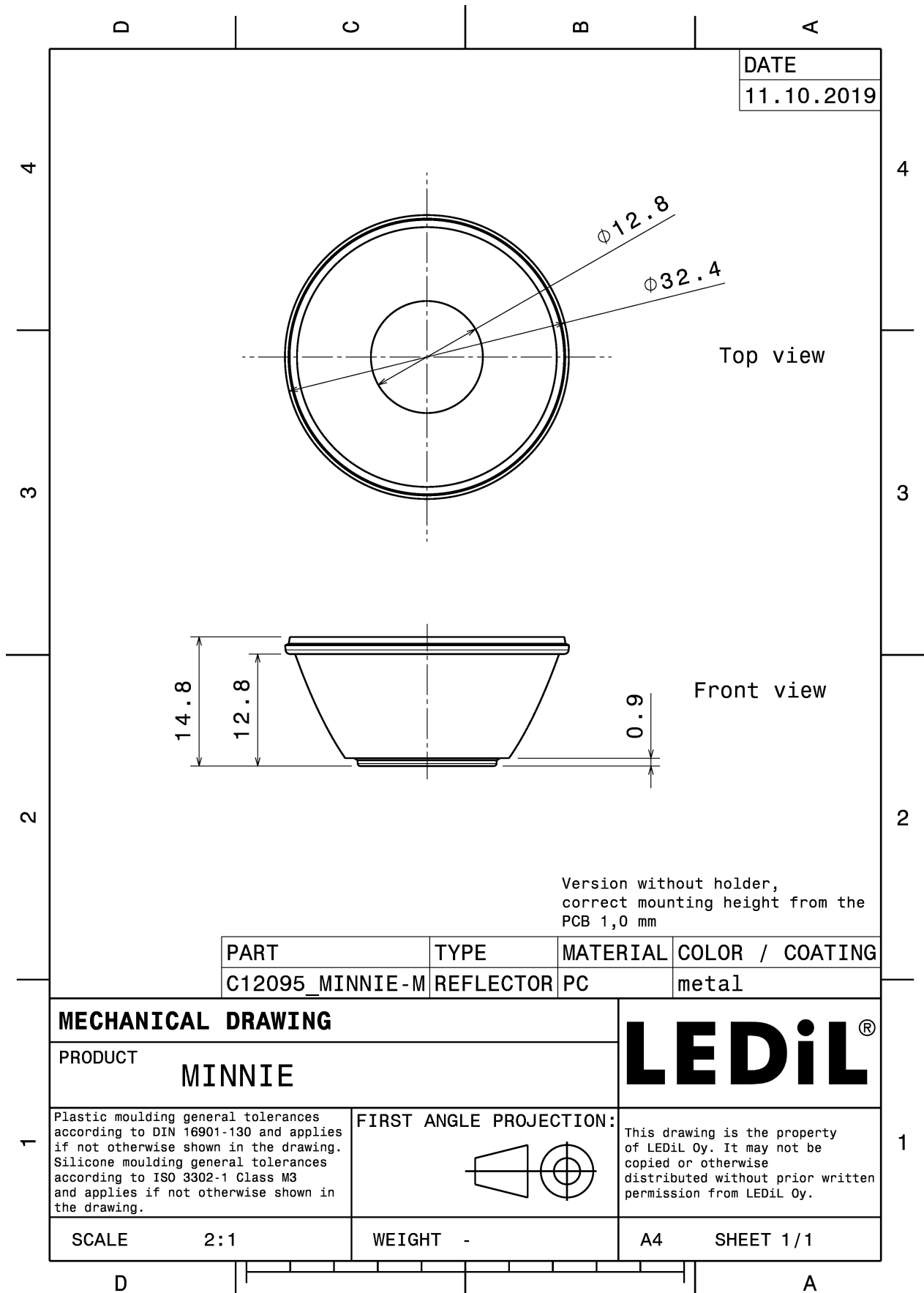
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 32.4 mm
Height	14.8 mm
Fastening	glue
Colour	metal
Box size	480 x 280 x 300 mm
Box weight	4.4 kg
Quantity in Box	1080 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

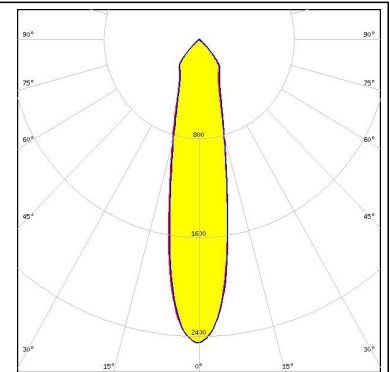
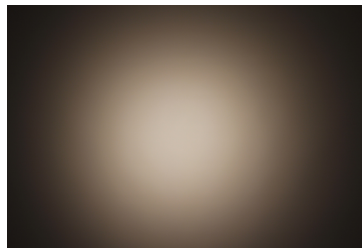
Component	Type	Material	Colour	Coating
MINNIE-M	Reflector	PC	metal	lacquer



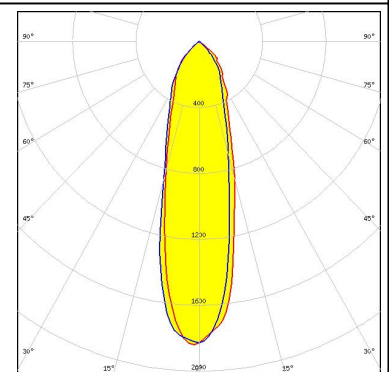
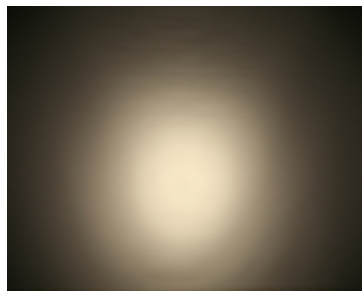
PHOTOMETRIC DATA (MEASURED):



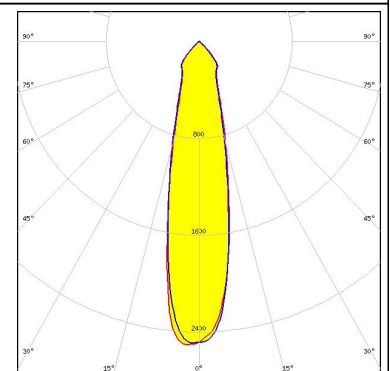
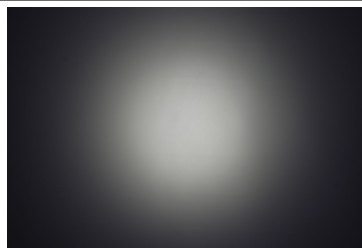
LED MHD-E/G
 FWHM 23.0°
 Efficiency 92 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



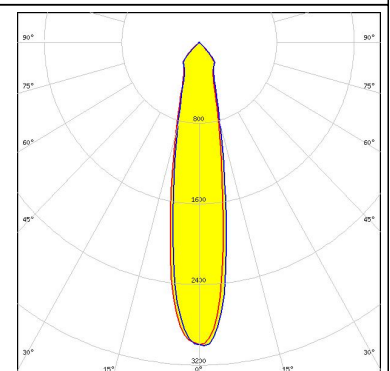
LED MT-G
 FWHM 26.0°
 Efficiency 92 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XHP70
 FWHM 23.0°
 Efficiency 88 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



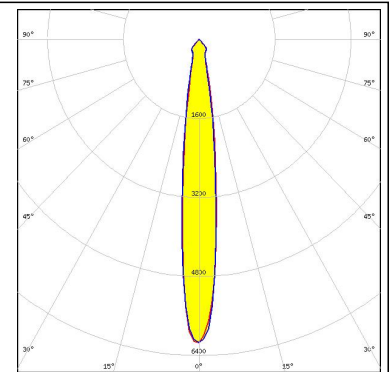
LED LUXEON M/MX
 FWHM 21.0°
 Efficiency 90 %
 Peak intensity 3.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



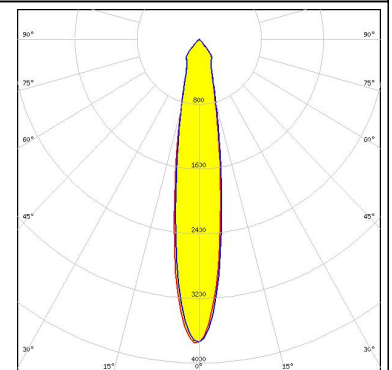
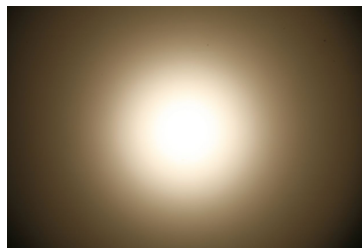
PHOTOMETRIC DATA (MEASURED):



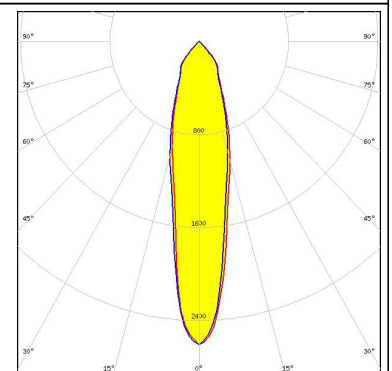
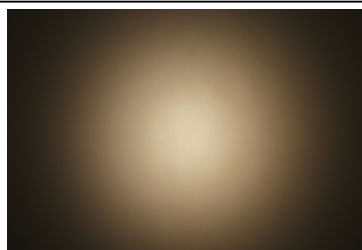
LED LUXEON MZ
FWHM 14.0°
Efficiency 87 %
Peak intensity 6.100 cd/m
LEDs/each optic 1
Light colour White
Required components:



LED NSMx286M
FWHM 18.0°
Efficiency 91 %
Peak intensity 3.750 cd/m
LEDs/each optic 1
Light colour White
Required components:



LED Duris S10
FWHM 21.0°
Efficiency 88 %
Peak intensity 3.100 cd/m
LEDs/each optic 1
Light colour White
Required components:



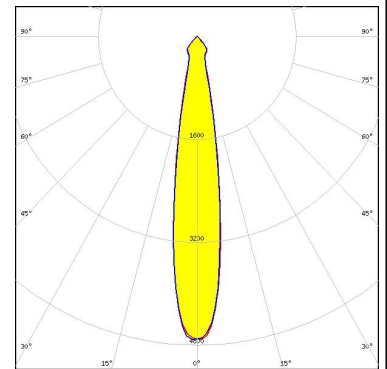
PHOTOMETRIC DATA (SIMULATED):



LED LUXEON 5258
FWHM 12.0°
Efficiency 92 %
Peak intensity 9.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors
LED OSCONIQ P 7070
FWHM 18.0°
Efficiency 92 %
Peak intensity 4.800 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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

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