

TINA3-W

~40° wide beam optimized for CREE XP-E.
Assembly with holder and installation tape.

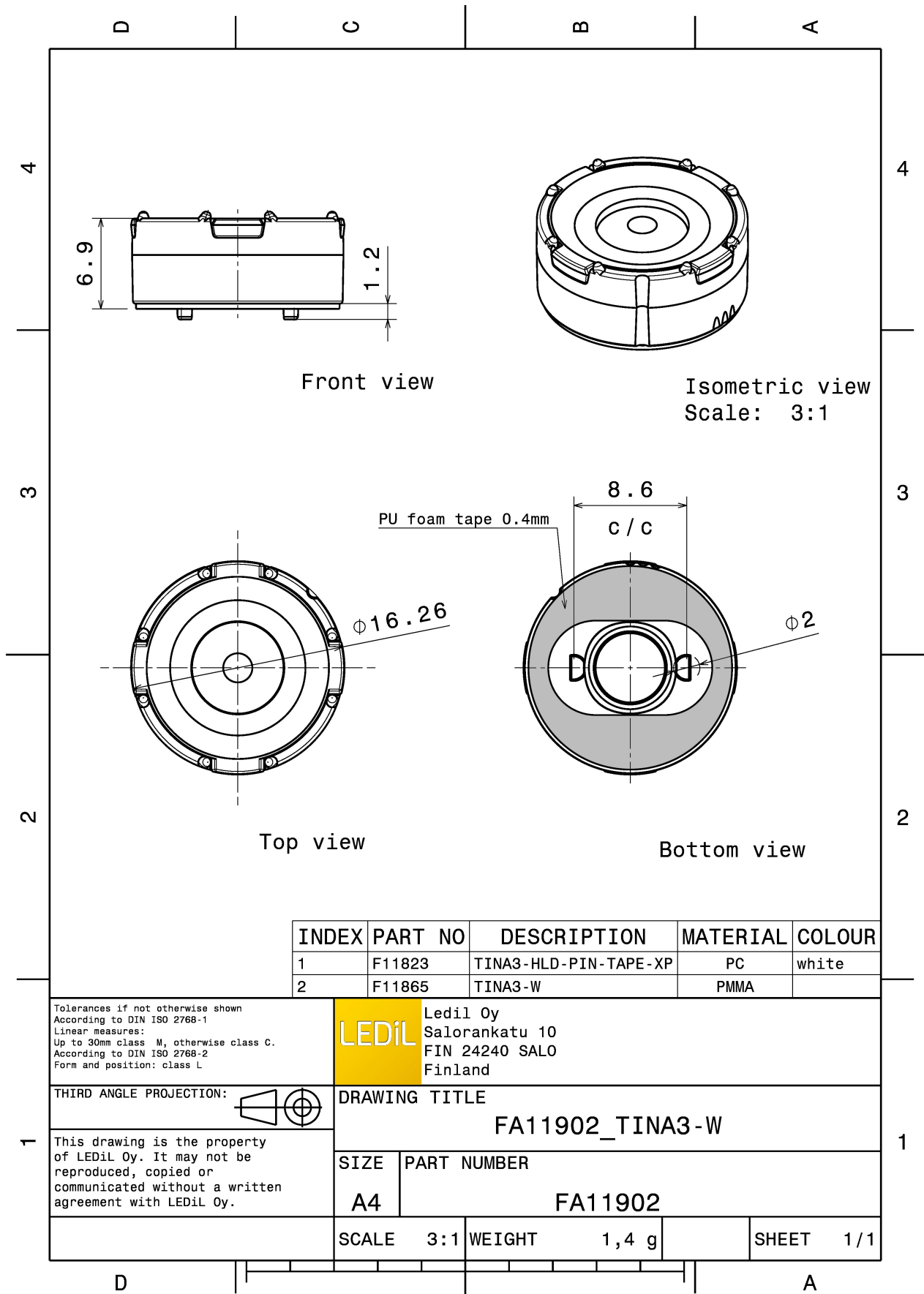
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	7.3 mm
Fastening	tape, pin
Colour	white
Box size	470 x 240 x 105 mm
Box weight	3.5 kg
Quantity in Box	2016 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

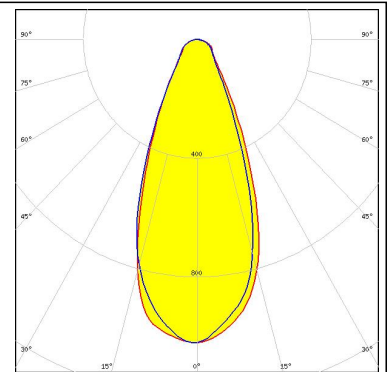
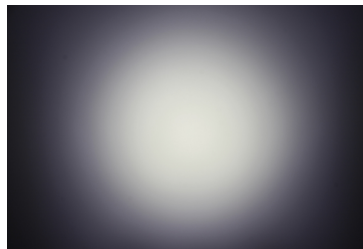
Component	Type	Material	Colour
TINA3-W	Lens	PMMA	clear
TINA3-HLD-PIN-TAPE-XP	Holder	PC	white
TINA-TAPE3	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

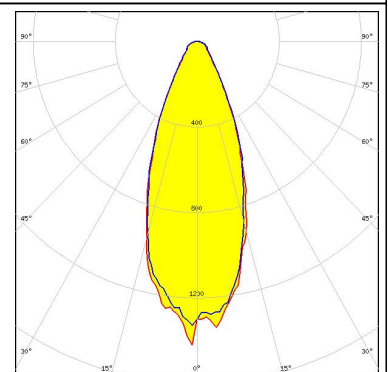
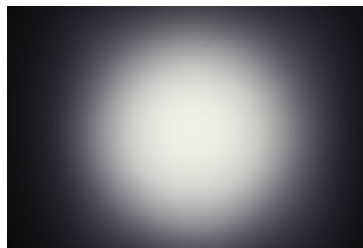
CREE 

LED XM-L
 FWHM 43.0°
 Efficiency 94 %
 Peak intensity 1.000 cd/lm
 Required components:



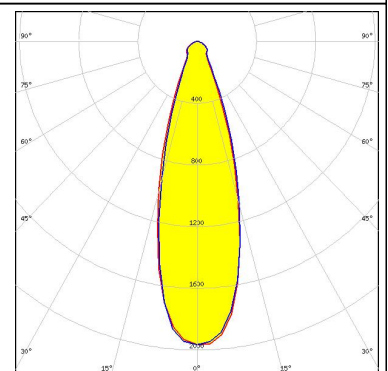
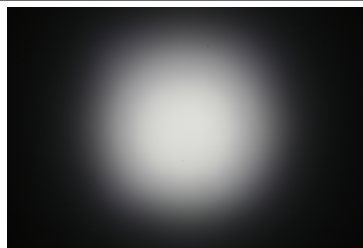
CREE 

LED XM-L2
 FWHM 38.0°
 Efficiency 91 %
 Peak intensity 0.000 cd/lm
 Required components:



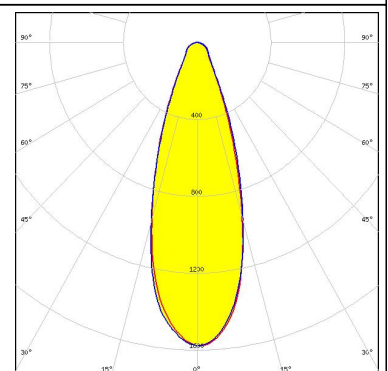
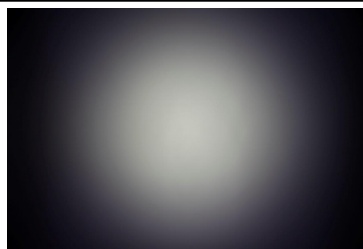
CREE 

LED XP-G2
 FWHM 32.0°
 Efficiency 89 %
 Peak intensity 2.000 cd/lm
 Required components:



CREE 

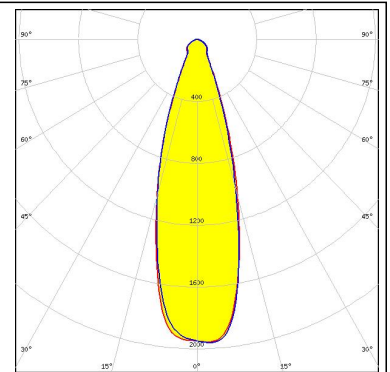
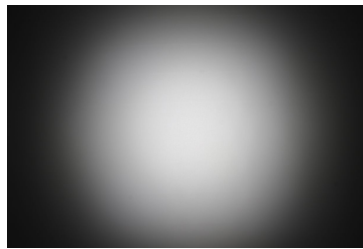
LED XP-L
 FWHM 34.0°
 Efficiency 89 %
 Peak intensity 1.570 cd/lm
 Required components:



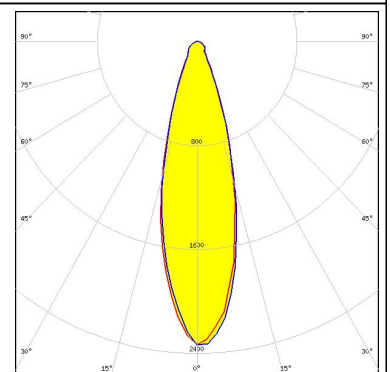
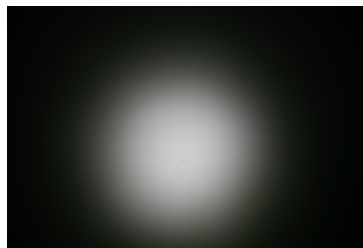
PHOTOMETRIC DATA (MEASURED):



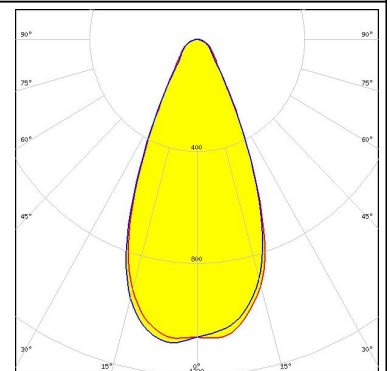
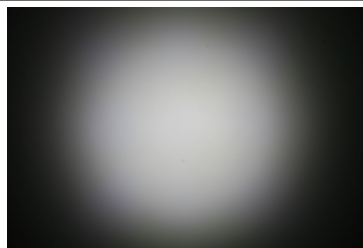
LED XP-L HI
FWHM 31.0°
Efficiency 91 %
Peak intensity 2.000 cd/lm
Required components:



LED XT-E
FWHM 30.0°
Efficiency 92 %
Peak intensity 2.300 cd/lm
Required components:



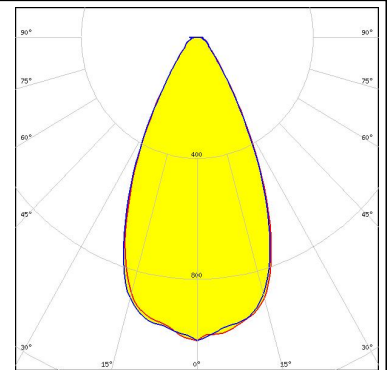
LED NS9x383
FWHM 48.0°
Efficiency 90 %
Peak intensity 1.100 cd/lm
Required components:



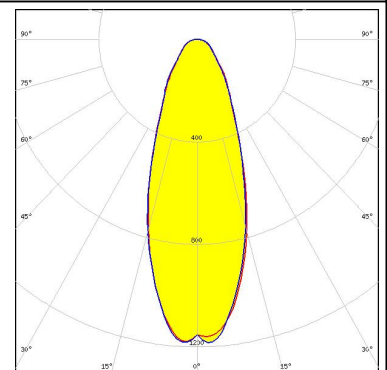
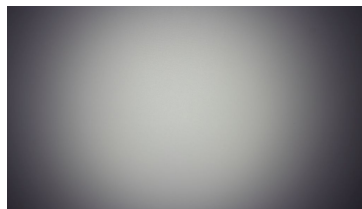
PHOTOMETRIC DATA (SIMULATED):



LED XD16 2x2 cluster
FWHM 52.0°
Efficiency 90 %
Peak intensity 1.000 cd/lm
Required components:



LED XHP35 HD
FWHM 38.0°
Efficiency 90 %
Peak intensity 1.200 cd/lm
Required components:



LED XM-L HVW
FWHM 50.0°
Efficiency %
Peak intensity cd/lm
Required components:



LED Oslon SSL 80
FWHM 20.0°
Efficiency %
Peak intensity cd/lm
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
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