



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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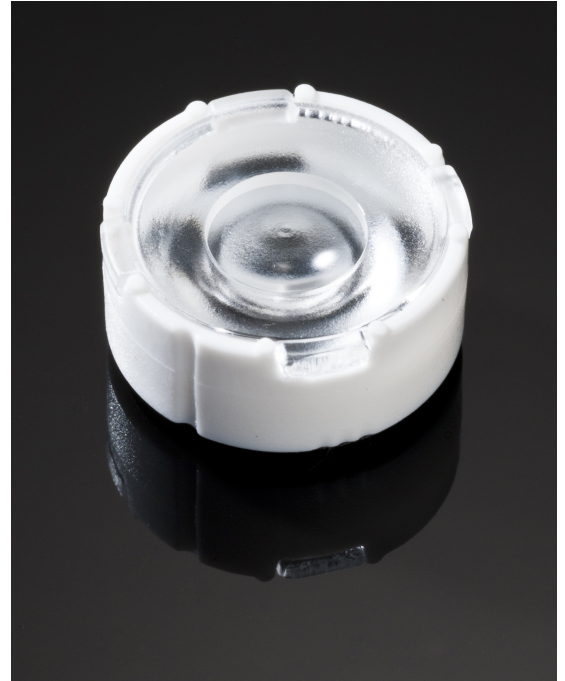


TINA3-W

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

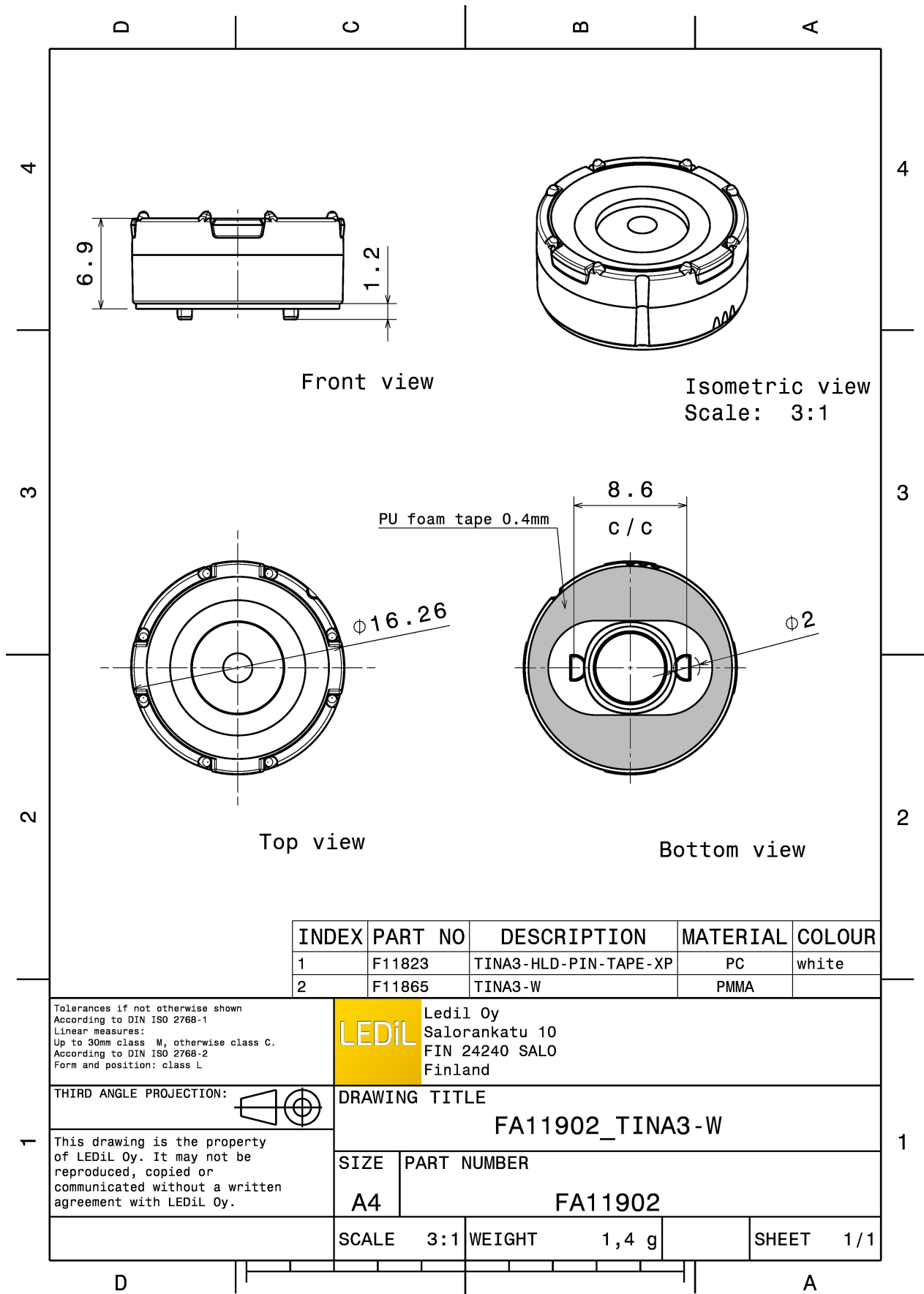
TECHNICAL SPECIFICATIONS:

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:

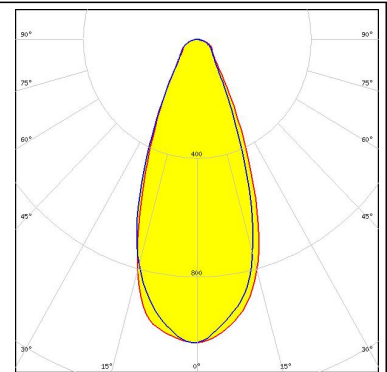
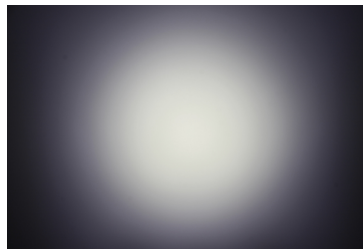
Component	Type	Material	Colour
TINA3-W	Lens	PMMA	clear
TINA3-HLD-PIN-TAPE-XP	Holder	PC	white
TINA-TAPE3	Tape	PU tape	black



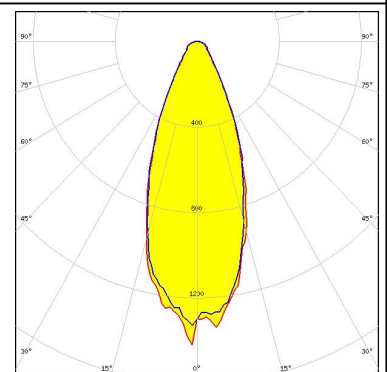
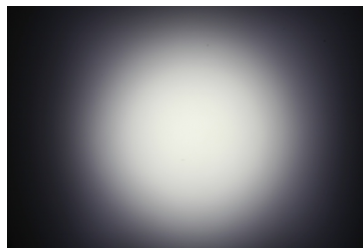
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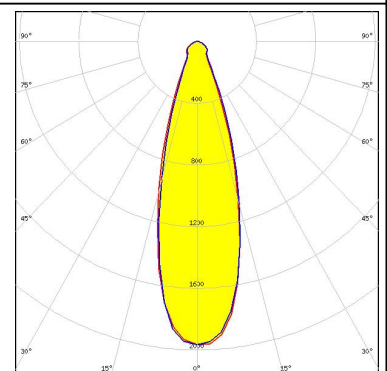
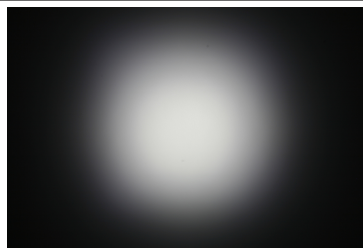
LED XM-L
 FWHM 43.0°
 Efficiency 94 %
 Peak intensity 1.000 cd/lm
 Required components:



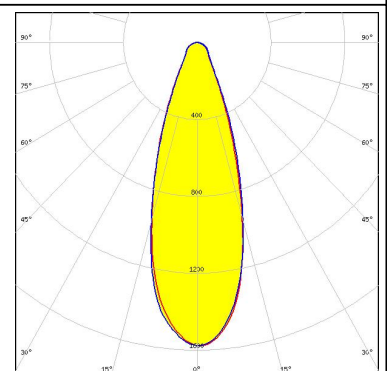
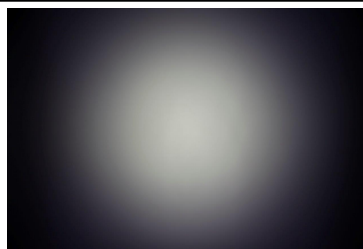
LED XM-L2
 FWHM 38.0°
 Efficiency 91 %
 Peak intensity 0.000 cd/lm
 Required components:



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



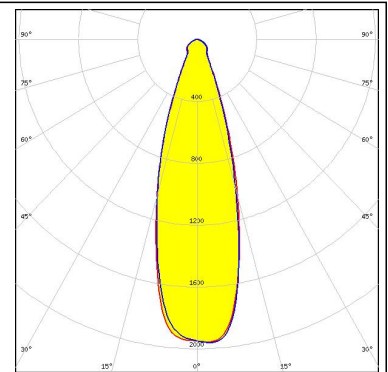
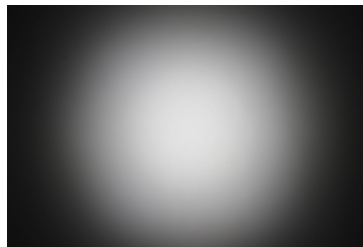
LED XP-L
 FWHM 34.0°
 Efficiency 89 %
 Peak intensity 1.570 cd/lm
 Required components:



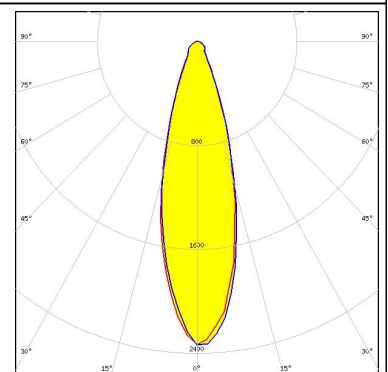
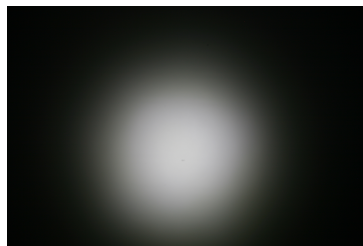
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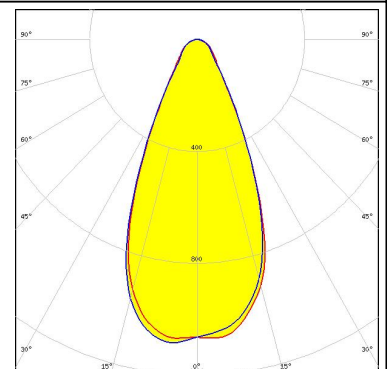
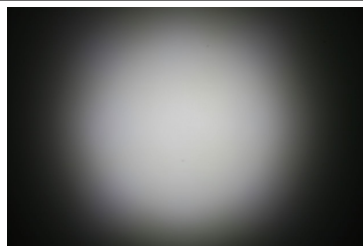
LED XP-L HI
FWHM 31.0°
Efficiency 91 %
Peak intensity 2.000 cd/lm
Required components:



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



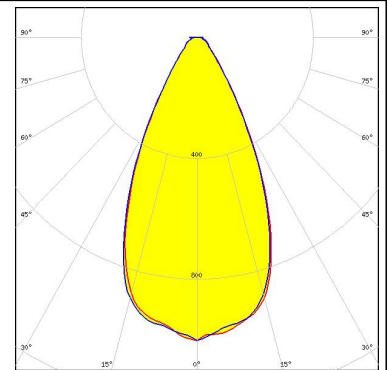
LED NS9x383
FWHM 48.0°
Efficiency 90 %
Peak intensity 1.100 cd/lm
Required components:



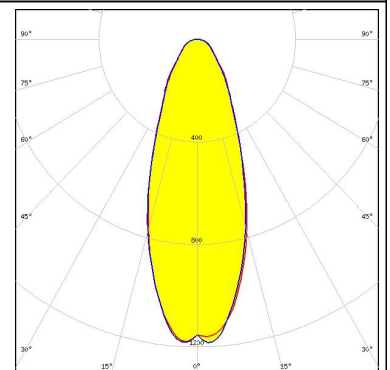
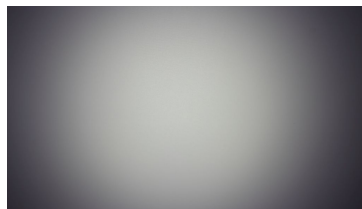
PHOTOMETRIC DATA (SIMULATED):



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:

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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