



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



TINA2-W

~45° wide beam optimized for CREE XP-E.
Assembly with holder and installation tape.

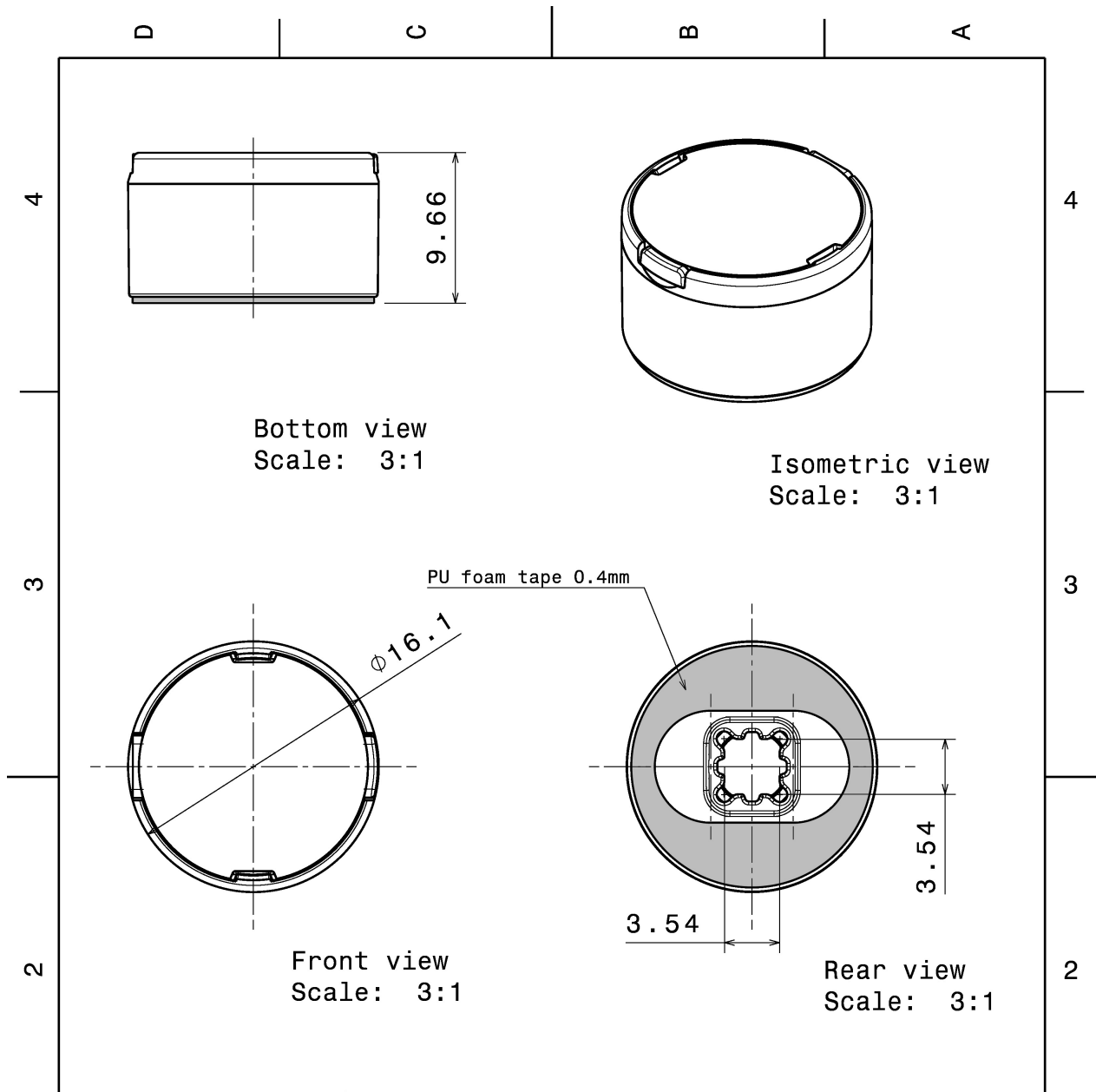
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.7 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-W-XP	Lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black



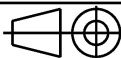
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	TINA2-lens	PMMA	
2	C11418	TINA2-XP-HLD-TAPE-BLK	PC	black

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

TINA2-XP-series assembly

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SIZE PART NUMBER

A4

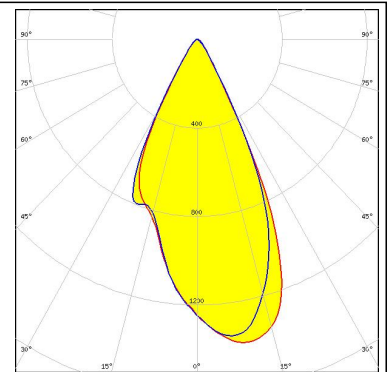
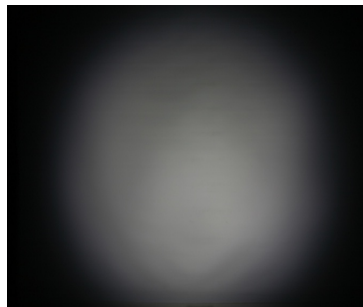
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SCALE 3:1 WEIGHT 1,3 g SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

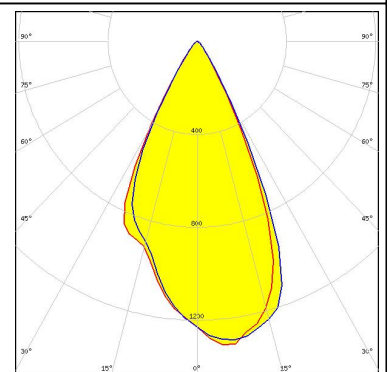
CREE 

LED XP-E
 FWHM 50.0°
 Efficiency 88 %
 Peak intensity 1.500 cd/lm
 Required components:



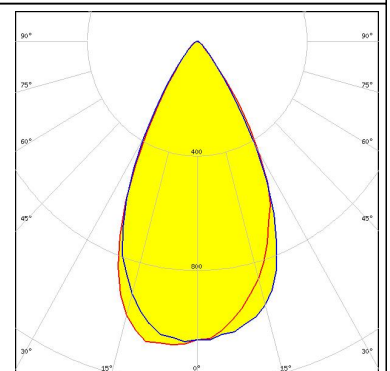
CREE 

LED XP-E2
 FWHM 52.0°
 Efficiency 89 %
 Peak intensity 1.200 cd/lm
 Required components:



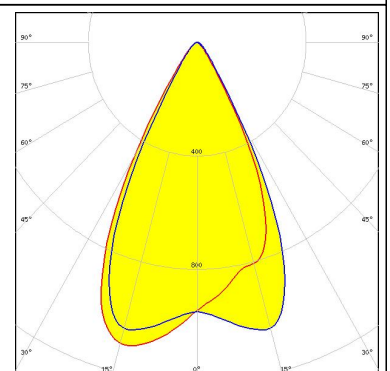
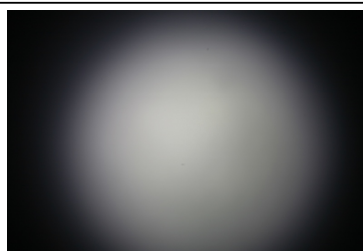
CREE 

LED XP-G
 FWHM 57.0°
 Efficiency 88 %
 Peak intensity 1.000 cd/lm
 Required components:



CREE 

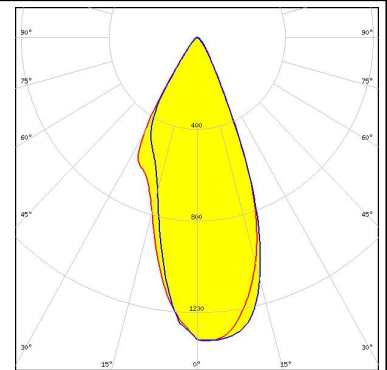
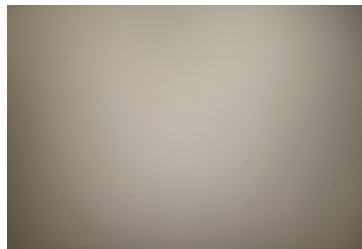
LED XP-G2
 FWHM 54.0°
 Efficiency 88 %
 Peak intensity 1.000 cd/lm
 Required components:



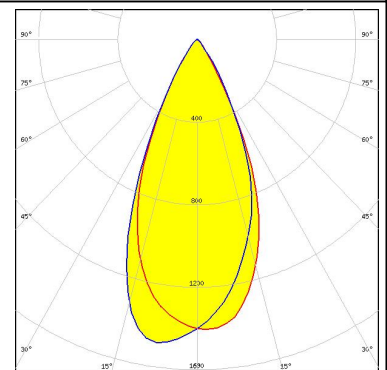
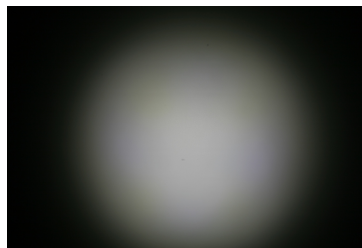
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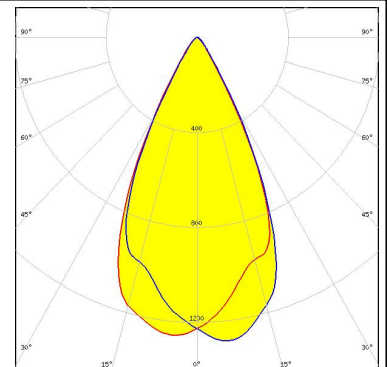
LED XQ-E
 FWHM 39.0°
 Efficiency 72 %
 Peak intensity 1.400 cd/lm
 Required components:



LED XT-E
 FWHM 46.0°
 Efficiency 87 %
 Peak intensity 1.400 cd/lm
 Required components:

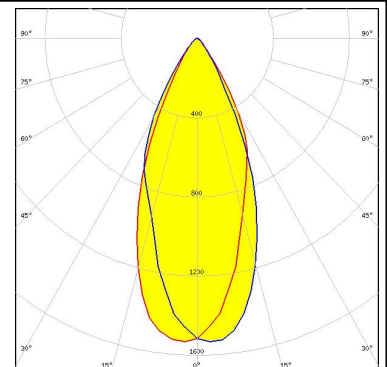


LED H35B0 (LEMWA32)
 FWHM 52.0°
 Efficiency 89 %
 Peak intensity 1.300 cd/lm
 Required components:



SEOUL SEMICONDUCTOR

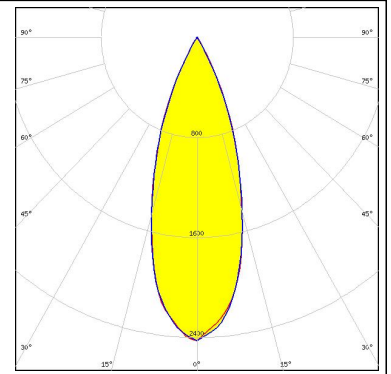
LED Z5
 FWHM 40.0°
 Efficiency 89 %
 Peak intensity 1.500 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):



LED NVSxE21A
FWHM 34.6°
Efficiency 90 %
Peak intensity 2.450 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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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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