



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



ANNA-40-7-M

~20° medium beam with 7 optics

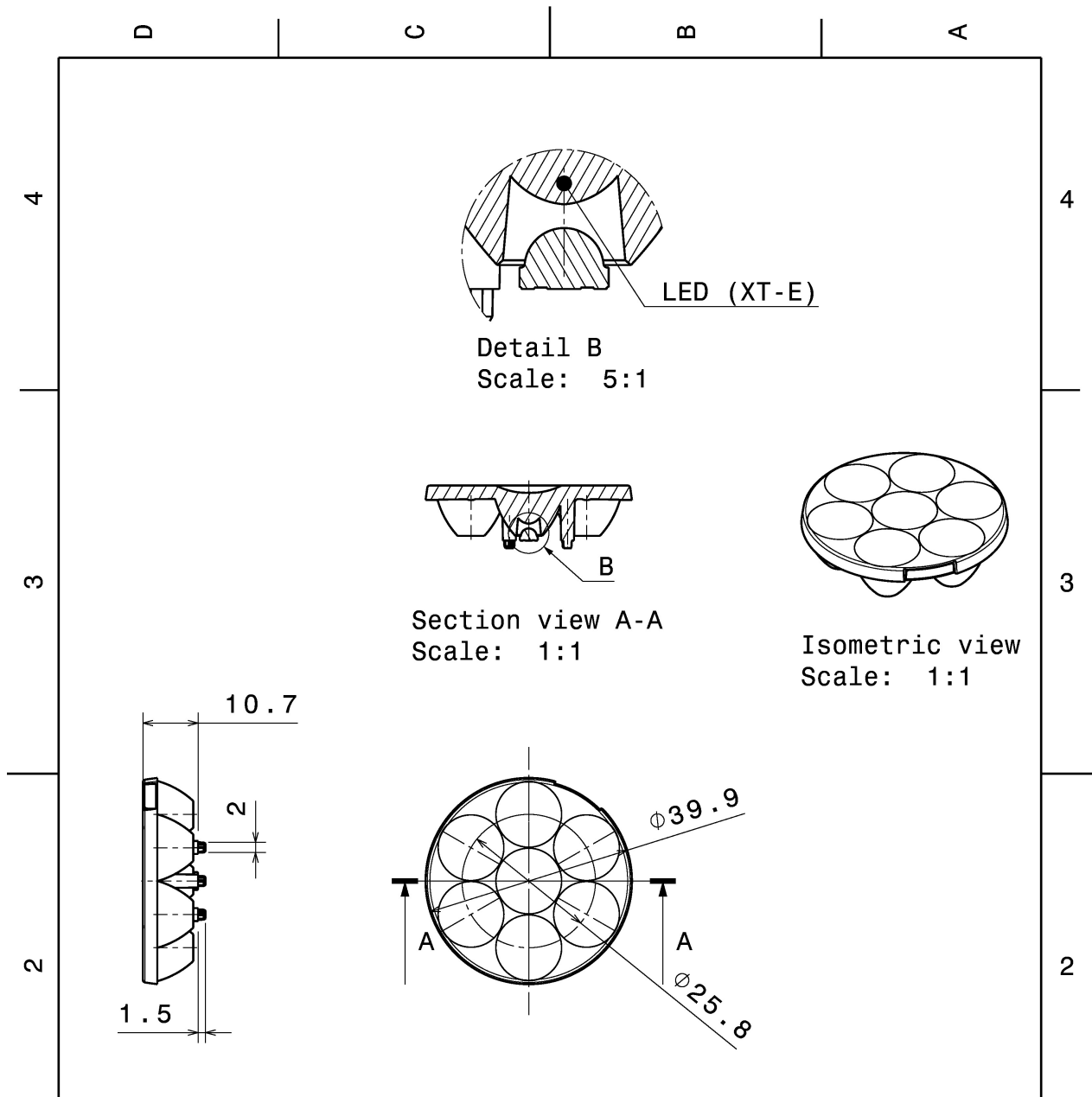
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 40 mm
Height	10.7 mm
Fastening	pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	5.8 kg
Quantity in Box	760 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
ANNA-40-7-M	Lens array	PMMA	clear



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	ANNA-40-7-series		PMMA	

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 Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
ANNA-40-7-series

This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."

SIZE PART NUMBER

A4

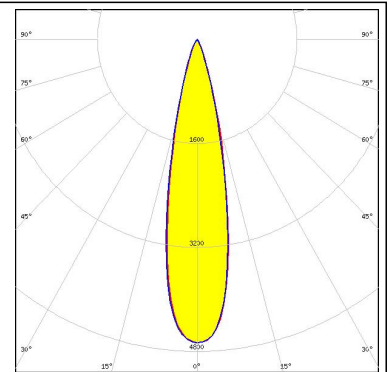
SCALE 1:1 WEIGHT 7,60 g

SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

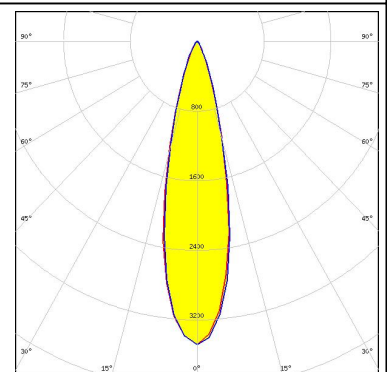
CREE 

LED XP-E2
FWHM 23.0°
Efficiency 87 %
Peak intensity 4.700 cd/lm
Required components:



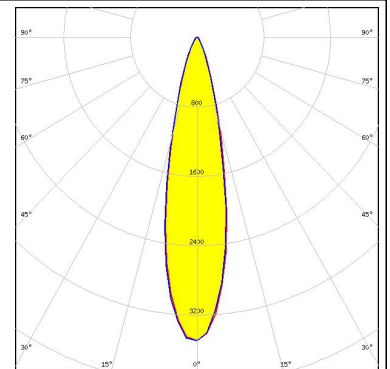
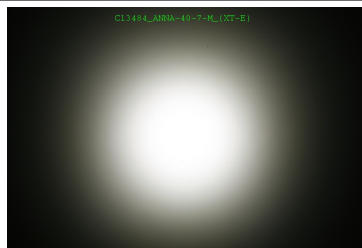
CREE 

LED XP-G2
FWHM 26.0°
Efficiency 87 %
Peak intensity 3.500 cd/lm
Required components:



CREE 

LED XT-E
FWHM 23.0°
Efficiency 85 %
Peak intensity 3.500 cd/lm
Required components:



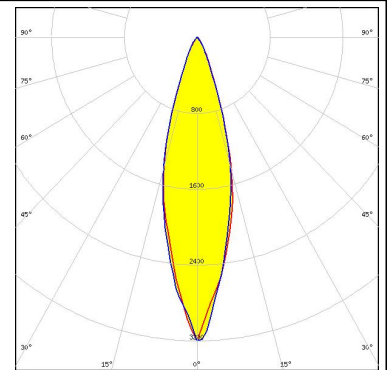
PHOTOMETRIC DATA (SIMULATED):

<p>bridgelux</p> <p>LED SM4 FWHM 31.0° Efficiency 84 % Peak intensity 1.935 cd/lm Required components:</p>	
<p>CREE ⇄</p> <p>LED XB-D FWHM 22.0° Efficiency 89 % Peak intensity 5.911 cd/lm Required components:</p>	
<p>CREE ⇄</p> <p>LED XP-E FWHM 22.0° Efficiency 92 % Peak intensity 6.343 cd/lm Required components:</p>	
<p>CREE ⇄</p> <p>LED XP-G FWHM 26.0° Efficiency 91 % Peak intensity 4.498 cd/lm Required components:</p>	

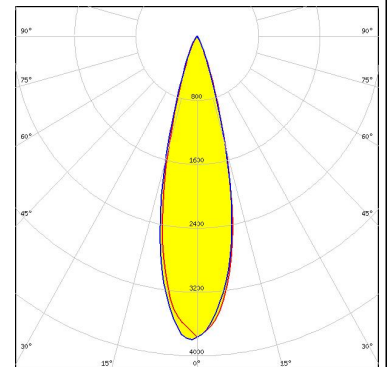
PHOTOMETRIC DATA (SIMULATED):



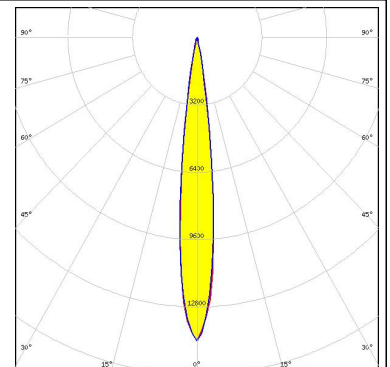
LED XP-L
 FWHM 27.0°
 Efficiency 89 %
 Peak intensity 3.200 cd/lm
 Required components:



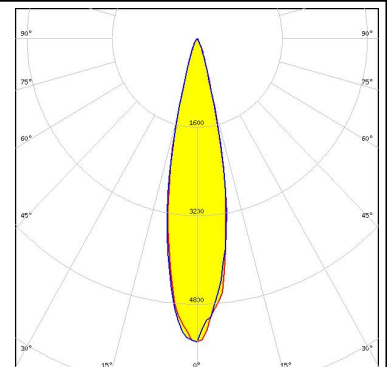
LED H35C0 (LEMWA33)
 FWHM 26.0°
 Efficiency 91 %
 Peak intensity 3.800 cd/lm
 Required components:



LED LUXEON PWT
 FWHM 13.0°
 Efficiency 88 %
 Peak intensity 14.410 cd/lm
 Required components:



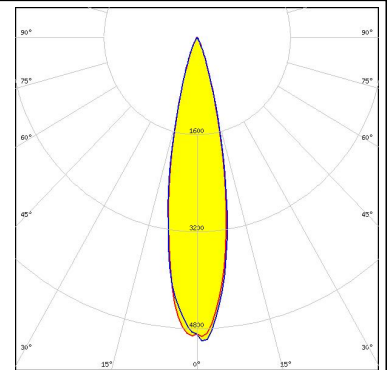
LED LUXEON T
 FWHM 22.0°
 Efficiency 92 %
 Peak intensity 5.643 cd/lm
 Required components:



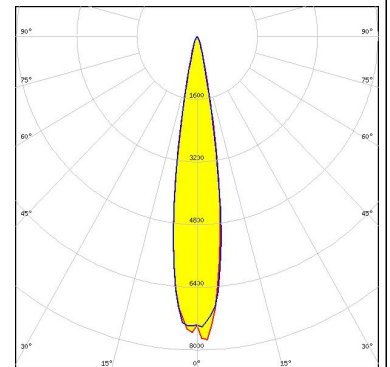
PHOTOMETRIC DATA (SIMULATED):



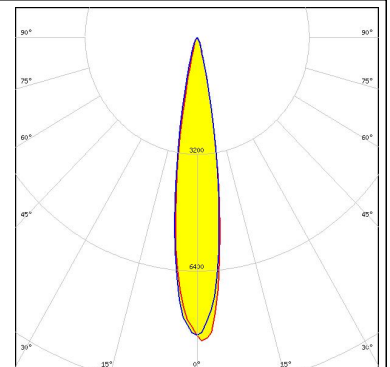
LED LUXEON TX
FWHM 23.0°
Efficiency 92 %
Peak intensity 5.000 cd/lm
Required components:



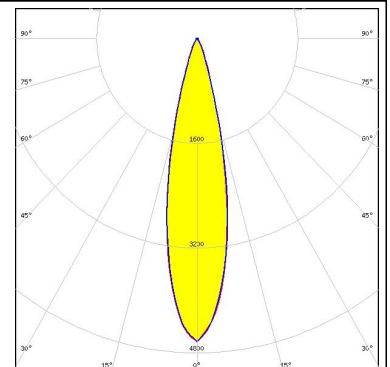
LED NCSxx19A
FWHM 17.0°
Efficiency 87 %
Peak intensity 7.748 cd/lm
Required components:



LED NF2x757A
FWHM 17.0°
Efficiency 91 %
Peak intensity 8.399 cd/lm
Required components:



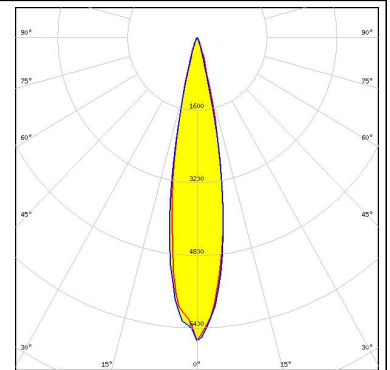
LED NVSxx19B/NVSxx19C
FWHM 23.0°
Efficiency 92 %
Peak intensity 4.560 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

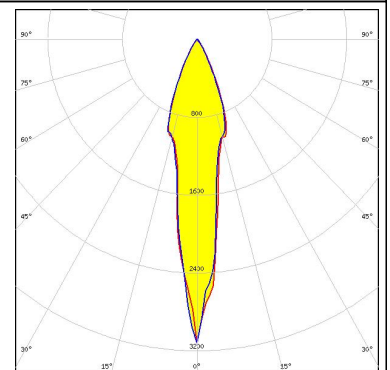
OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 20.0°
Efficiency 91 %
Peak intensity 6.691 cd/lm
Required components:



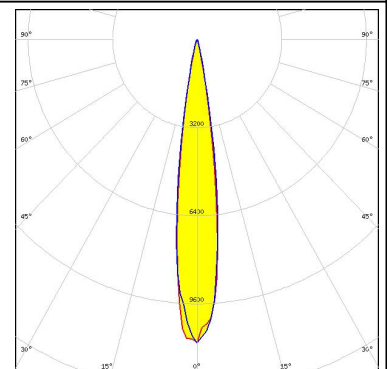
OSRAM
Opto Semiconductors

LED Ostar Lighting+
FWHM 16.0°
Efficiency 88 %
Peak intensity 3.119 cd/lm
Required components:



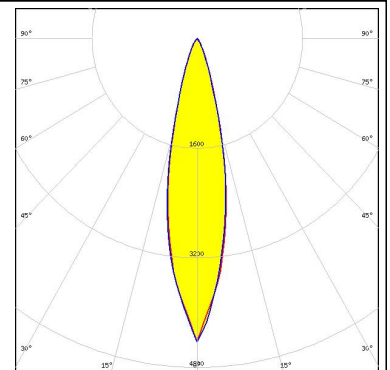
OSRAM
Opto Semiconductors

LED SFH 4715S
FWHM 15.0°
Efficiency 89 %
Peak intensity 11.480 cd/lm
Required components:



SEOL
SEOUL SEMICONDUCTOR

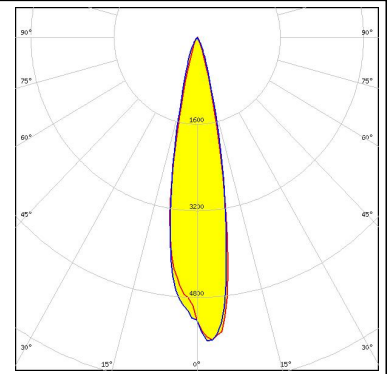
LED Z8Y22P
FWHM 22.0°
Efficiency 90 %
Peak intensity 4.400 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

SHARP

LED Double Dome (GM2BB)
FWHM 20.0°
Efficiency 88 %
Peak intensity 5.783 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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

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

Distribution Partners

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