



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



LR2-M

~25° medium beam optimized for LUXEON Rebel ES. 14.8 mm high assembly with installation tape.

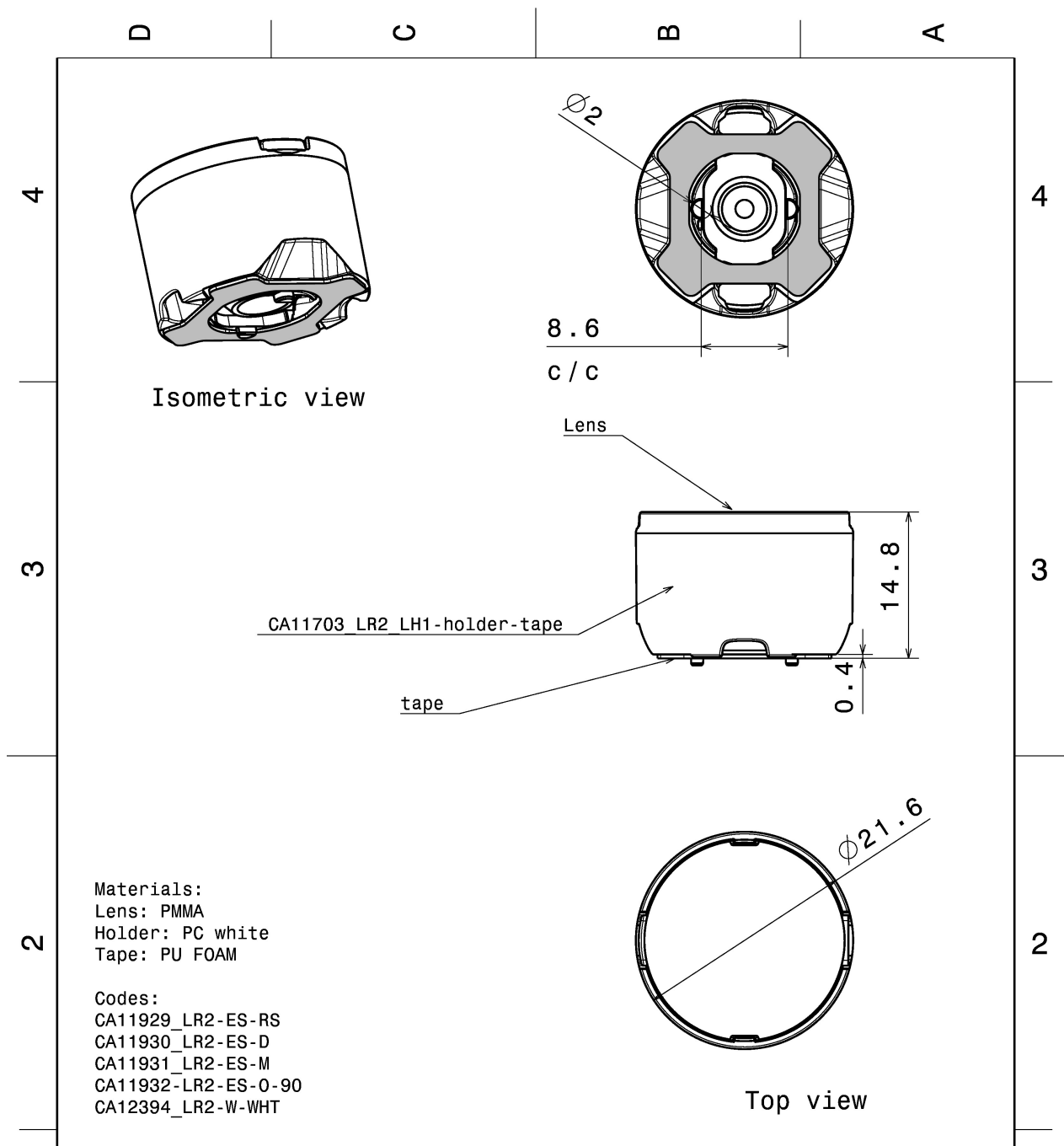
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.8 mm
Fastening	tape, pin
Colour	white
Box size	480 x 280 x 300 mm
Box weight	9 kg
Quantity in Box	1680 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LXP2-M	Lens	PMMA	clear
LR2-ES-LH1-HLD	Holder	PC	white
HEIDI-TAPE	Tape	PU tape	black

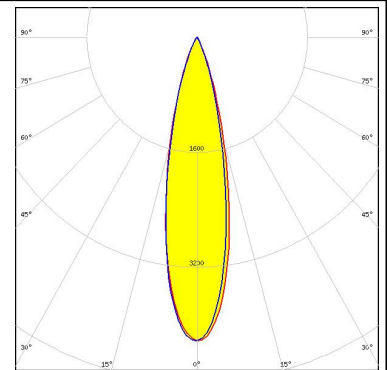


This drawing is our property. It can't be reproduced or communicated without our written agreement.		LEDiL L T F F e e i n n d	
DRAWN BY a		DATE 21.11.2011	
CHECKED BY s n		DATE 21.11.2011	
DESIGNED BY pl		DATE 27.08.2010	
DRAWING TITLE Datasheet LR2-ES series assy			
SIZE A4	DRAWING NUMBER -		REV 2
SCALE 1:1	WEIGHT (g)	SHEET 1/1	

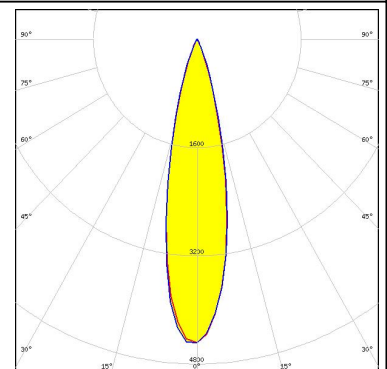
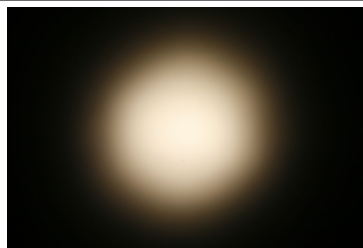
PHOTOMETRIC DATA (MEASURED):



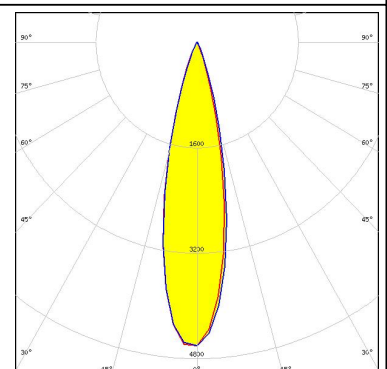
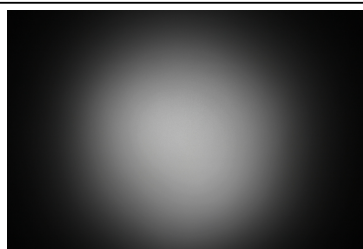
LED XP-L
 FWHM 24.0°
 Efficiency 90 %
 Peak intensity 4.230 cd/lm
 Required components:



LED LUXEON Rebel ES
 FWHM 22.0°
 Efficiency 92 %
 Peak intensity 0.000 cd/lm
 Required components:



LED LUXEON T
 FWHM 25.0°
 Efficiency 90 %
 Peak intensity 4.400 cd/lm
 Required components:



LED LUXEON TX
 FWHM 24.0°
 Efficiency 90 %
 Peak intensity 4.600 cd/lm
 Required components:

PHOTOMETRIC DATA (MEASURED):



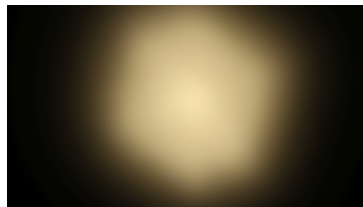
LED LUXEON Z ES

FWHM 23.0°

Efficiency 90 %

Peak intensity 5.200 cd/lm

Required components:



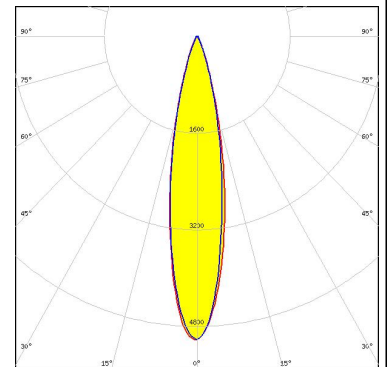
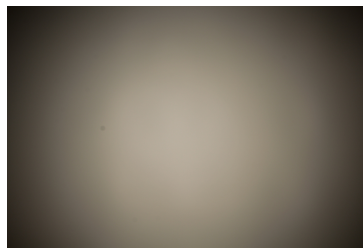
LED NVSxx19B/NVSxx19C

FWHM 22.0°

Efficiency 94 %

Peak intensity 5.000 cd/lm

Required components:



Opto Semiconductors

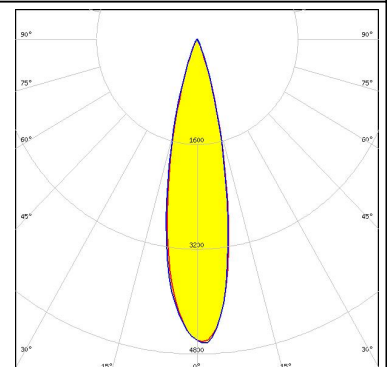
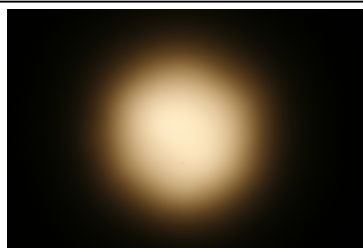
LED Oslon Square EC

FWHM 25.0°

Efficiency 89 %

Peak intensity 4.700 cd/lm

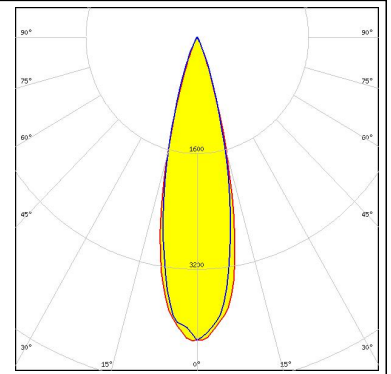
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED LUXEON H50-2
FWHM 25.0°
Efficiency 92 %
Peak intensity 4.200 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.

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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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Distribution Partners

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