



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

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


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

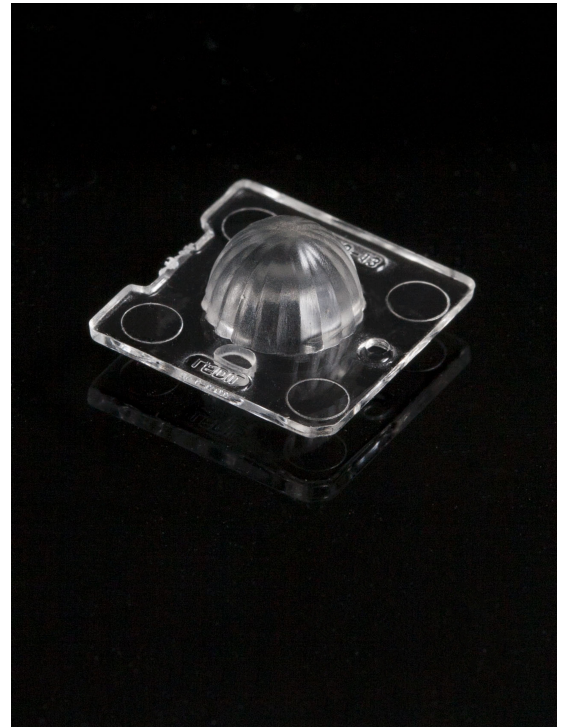


## STRADELLA-HB-M

~60° medium beam for industrial applications

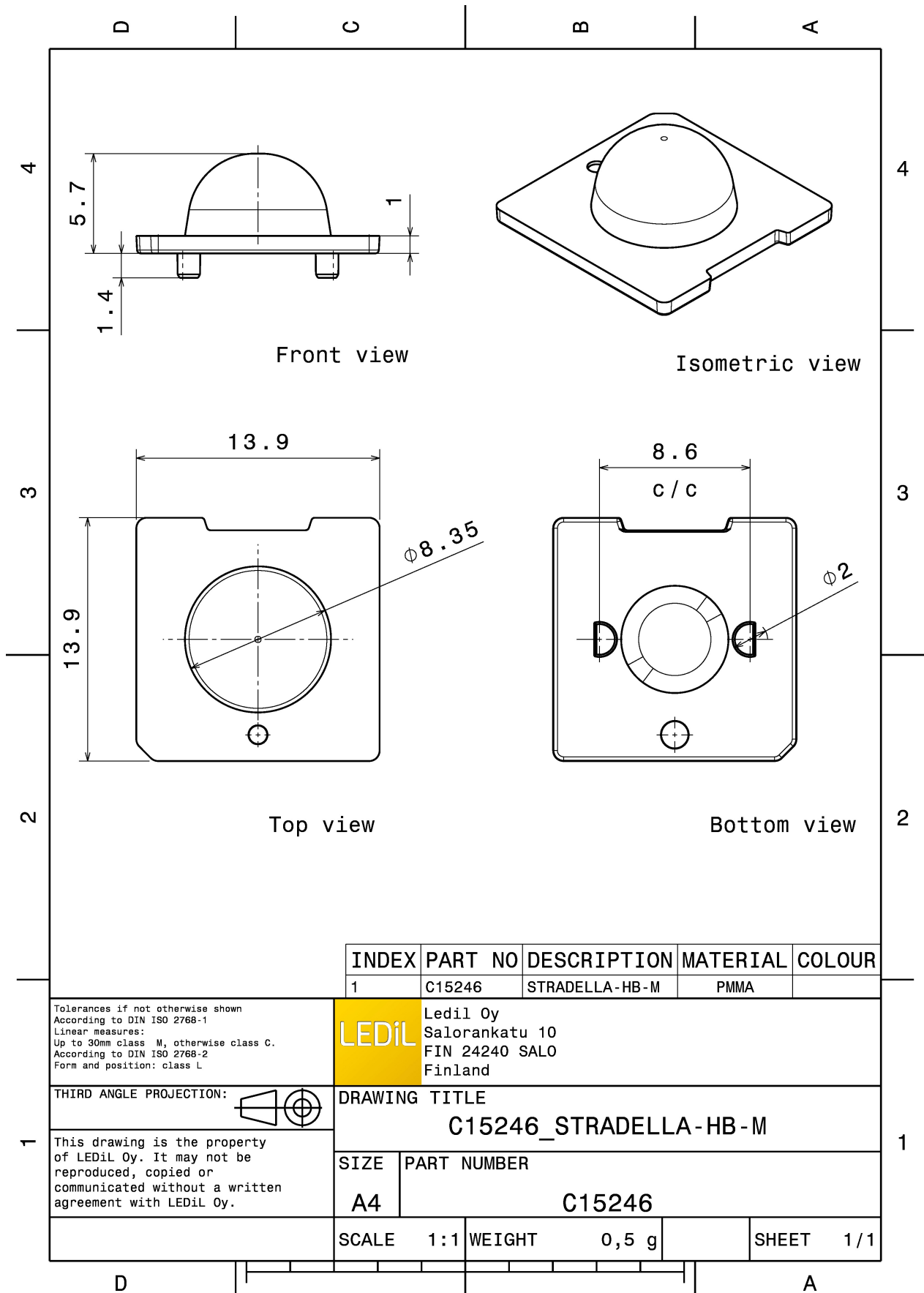
### TECHNICAL SPECIFICATIONS:

Dimensions	13.9 mm
Height	5.7 mm
Fastening	pin
Colour	clear
Box size	480 x 250 x 390 mm
Box weight	8.5 kg
Quantity in Box	24000 pcs
ROHS compliant	yes 



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADELLA-HB-M	Lens array	PMMA	clear



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15246	STRADELLA-HB-M	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**

Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE

**C15246\_STRADELLA-HB-M**

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SIZE PART NUMBER

**A4**

**C15246**

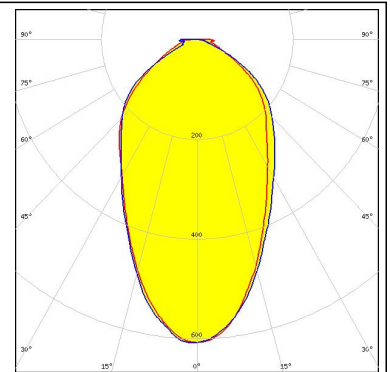
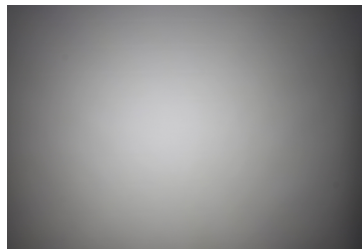
SCALE 1:1 WEIGHT 0,5 g SHEET 1/1



#### PHOTOMETRIC DATA (MEASURED):

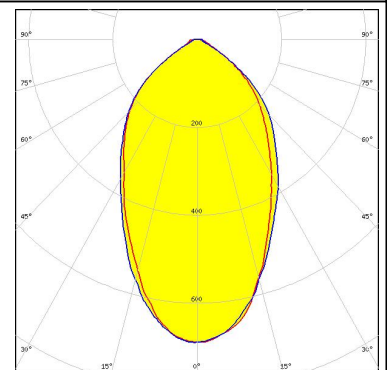
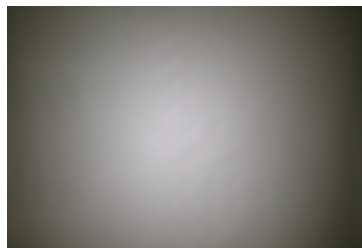
**CREE** 

LED XT-E  
FWHM 62.0°  
Efficiency 94 %  
Peak intensity 0.610 cd/lm  
Required components:



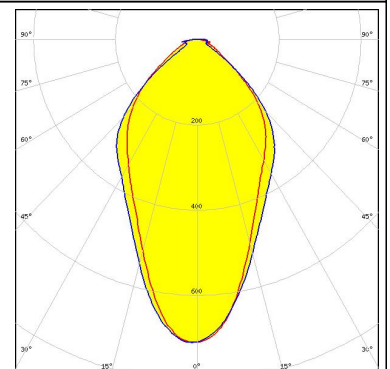
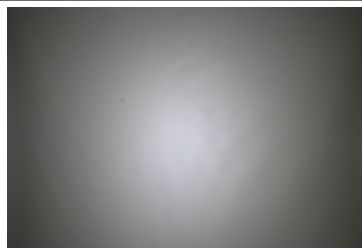
**NICHIA** 

LED NVSW219D  
FWHM 61.0°  
Efficiency 94 %  
Peak intensity 0.690 cd/lm  
Required components:



**SAMSUNG**

LED LH181B  
FWHM 58.0°  
Efficiency 94 %  
Peak intensity 0.700 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

##### LUMILEDS

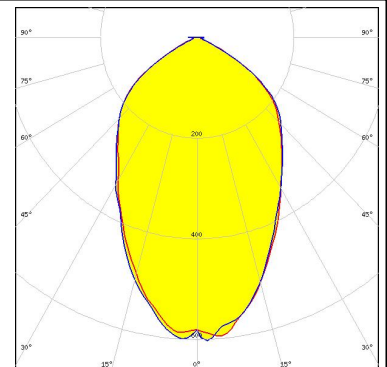
LED LUXEON IR Domed 150  
FWHM 70.0°  
Efficiency 93 %  
Peak intensity 0.000 cd/lm  
Required components:

##### LUMILEDS

LED LUXEON IR Domed 90  
FWHM 47.0°  
Efficiency 94 %  
Peak intensity 0.000 cd/lm  
Required components:

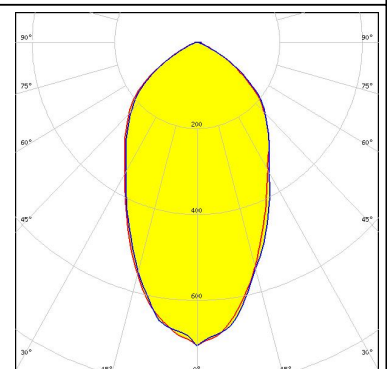
##### NICHIA

LED NVSxx19B/NVSxx19C  
FWHM 68.0°  
Efficiency 94 %  
Peak intensity 0.610 cd/lm  
Required components:



##### OSRAM Opto Semiconductors

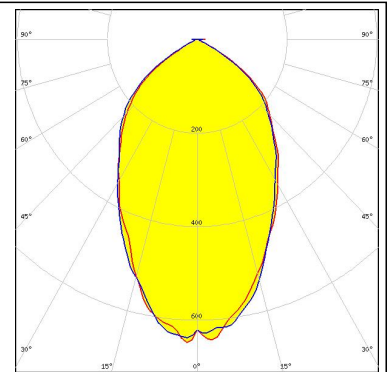
LED OSCONIQ P 3737 (2W version)  
FWHM 59.0°  
Efficiency 94 %  
Peak intensity 0.700 cd/lm  
Required components:



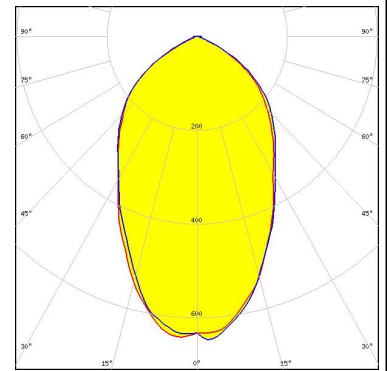
#### PHOTOMETRIC DATA (SIMULATED):

### SAMSUNG

LED LH351B  
FWHM 63.0°  
Efficiency 93 %  
Peak intensity 0.670 cd/lm  
Required components:



LED Z5M1/Z5M2  
FWHM 64.0°  
Efficiency 94 %  
Peak intensity 0.660 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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