



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



## STRADELLA-8-HV-HB-S

~25° spot beam for industrial applications.  
Variant with longer distance between location pins allowing high voltage circuit designs.

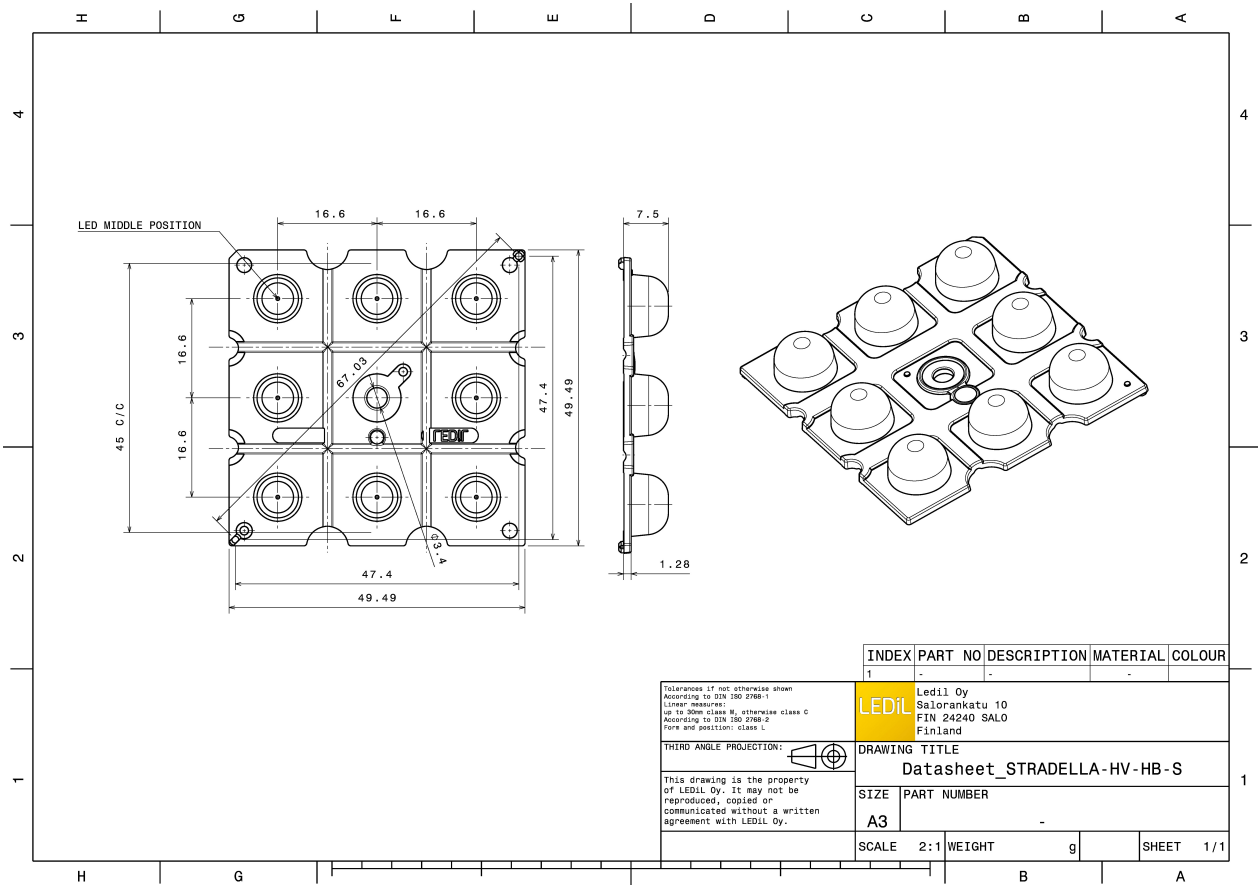
### TECHNICAL SPECIFICATIONS:

Dimensions	49.5+49.5 mm
Height	7.5 mm
Fastening	screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	5 kg
Quantity in Box	800 pcs
ROHS compliant	yes 



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADELLA-8-HV-HB-S	Lens array	PMMA	clear

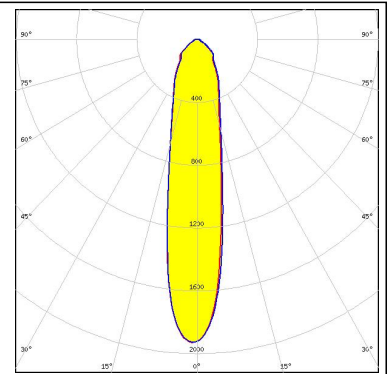
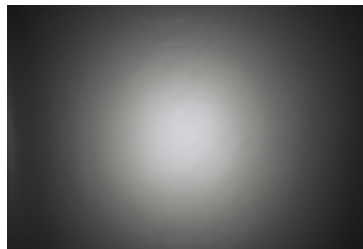




#### PHOTOMETRIC DATA (MEASURED):

**CREE** 

LED XD16  
FWHM 21.0°  
Efficiency 94 %  
Peak intensity 1.900 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

#### CREE

LED XP-G3  
FWHM 33.0°  
Efficiency 89 %  
Peak intensity 1.400 cd/lm  
Required components:

#### CREE

LED XT-E  
FWHM 27.0°  
Efficiency 90 %  
Peak intensity 1.750 cd/lm  
Required components:

#### LUMILEDS

LED LUXEON 3535L HE  
FWHM 20.0°  
Efficiency 90 %  
Peak intensity 2.300 cd/lm  
Required components:

#### LUMILEDS

LED LUXEON HR30  
FWHM 26.0°  
Efficiency 91 %  
Peak intensity 2.100 cd/lm  
Required components:

#### PHOTOMETRIC DATA (SIMULATED):

#### LUMILEDS

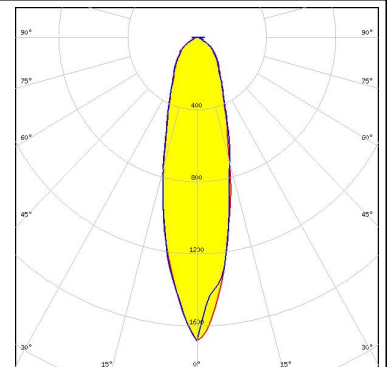
LED LUXEON TX  
FWHM 28.0°  
Efficiency 90 %  
Peak intensity 1.800 cd/lm  
Required components:

#### NICHIA

LED NVSxx19B/NVSxx19C  
FWHM 30.0°  
Efficiency 88 %  
Peak intensity 1.590 cd/lm  
Required components:

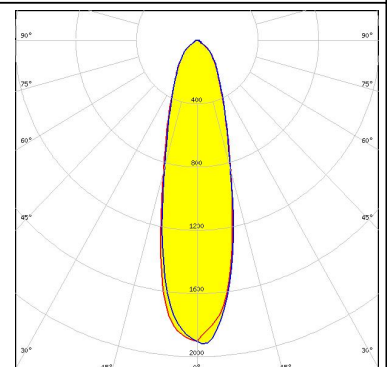
#### SAMSUNG

LED LH181A  
FWHM 27.0°  
Efficiency 94 %  
Peak intensity 1.680 cd/lm  
Required components:



#### SAMSUNG

LED LH181B  
FWHM 28.0°  
Efficiency 94 %  
Peak intensity 1.920 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):



SEOUL SEMICONDUCTOR

LED	Z8Y19
FWHM	23.0°
Efficiency	92 %
Peak intensity	1.800 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:

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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  
Hong Kong, China

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