



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-W

~85° wide beam for industrial applications.  
Variant with longer distance between location pins allowing high voltage circuit designs.

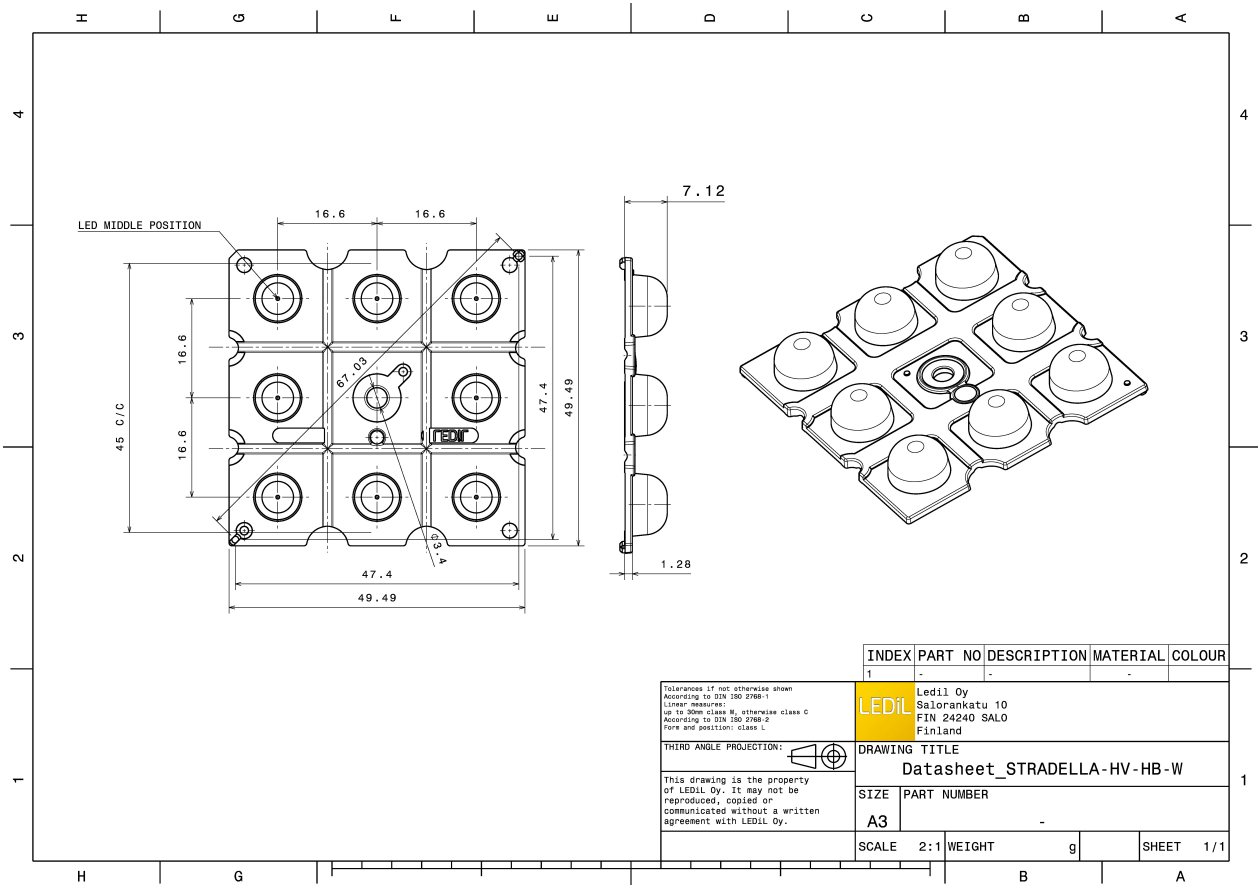
### TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	7.1 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

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

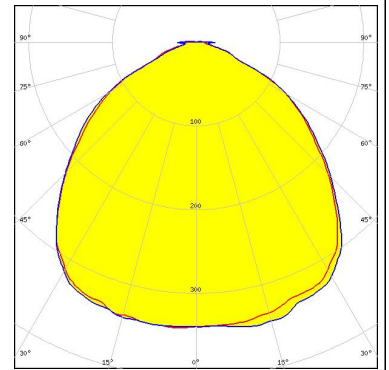
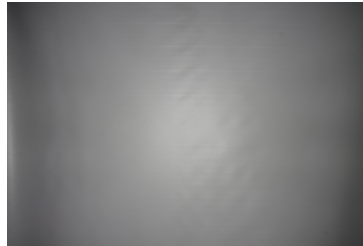




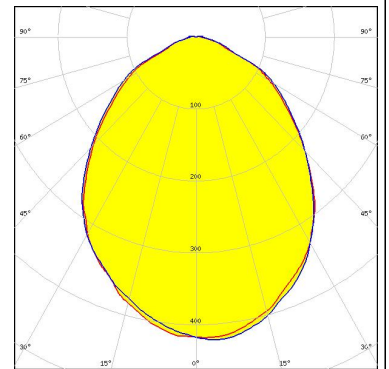
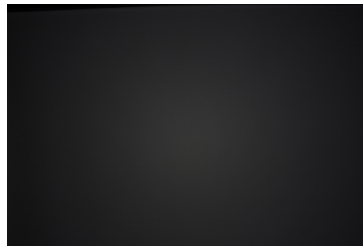
#### PHOTOMETRIC DATA (MEASURED):



LED XD16  
FWHM 104.0°  
Efficiency 94 %  
Peak intensity 0.350 cd/lm  
Required components:



LED XT-E  
FWHM 92.0°  
Efficiency 95 %  
Peak intensity 0.420 cd/lm  
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y19  
FWHM 100.0°  
Efficiency 94 %  
Peak intensity 0.390 cd/lm  
Required components:

#### PHOTOMETRIC DATA (SIMULATED):

#### CREE

LED XP-G3  
FWHM 94.0°  
Efficiency 91 %  
Peak intensity 0.430 cd/lm  
Required components:

#### CREE

LED XT-E  
FWHM 87.0°  
Efficiency 92 %  
Peak intensity 0.461 cd/lm  
Required components:

#### LUMILEDS

LED LUXEON 3030 2D (Round LES)  
FWHM 87.0°  
Efficiency 94 %  
Peak intensity 0.500 cd/lm  
Required components:

#### LUMILEDS

LED LUXEON 3535L HE  
FWHM 80.0°  
Efficiency 94 %  
Peak intensity 0.540 cd/lm  
Required components:

#### PHOTOMETRIC DATA (SIMULATED):

##### LUMILEDS

LED LUXEON HR30  
FWHM 82.0°  
Efficiency 93 %  
Peak intensity 0.530 cd/lm  
Required components:

##### LUMILEDS

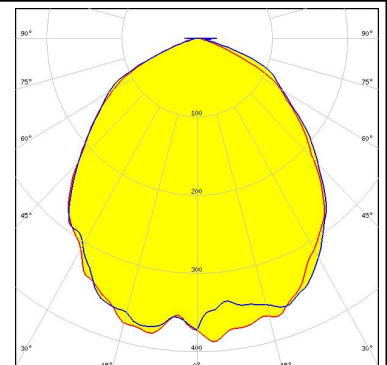
LED LUXEON TX  
FWHM 84.0°  
Efficiency 92 %  
Peak intensity 0.460 cd/lm  
Required components:

##### NICHIA

LED NVSxx19B/NVSxx19C  
FWHM 95.0°  
Efficiency 91 %  
Peak intensity 0.440 cd/lm  
Required components:

##### SAMSUNG

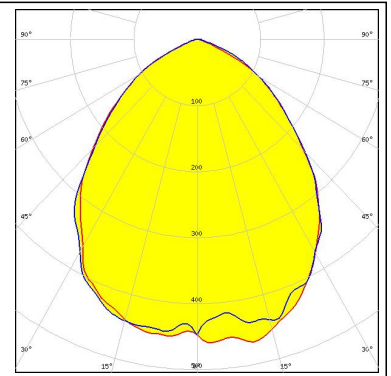
LED LH181A  
FWHM 97.0°  
Efficiency 94 %  
Peak intensity 0.400 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

#### SAMSUNG

LED LH181B  
FWHM 89.0°  
Efficiency 94 %  
Peak intensity 0.480 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)