



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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## STRADELLA-IP-28-HB-S-PC

~30° spot beam. Variant made from PC.

### TECHNICAL SPECIFICATIONS:

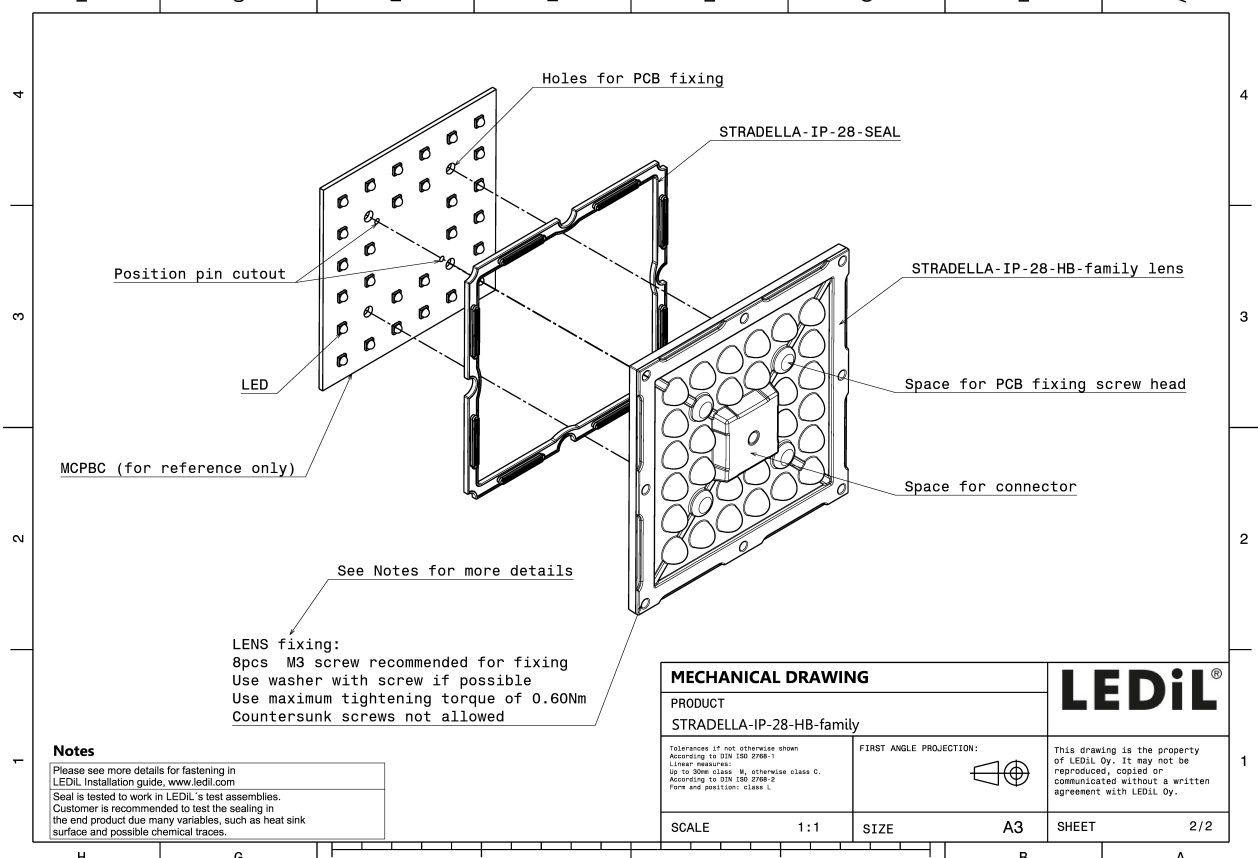
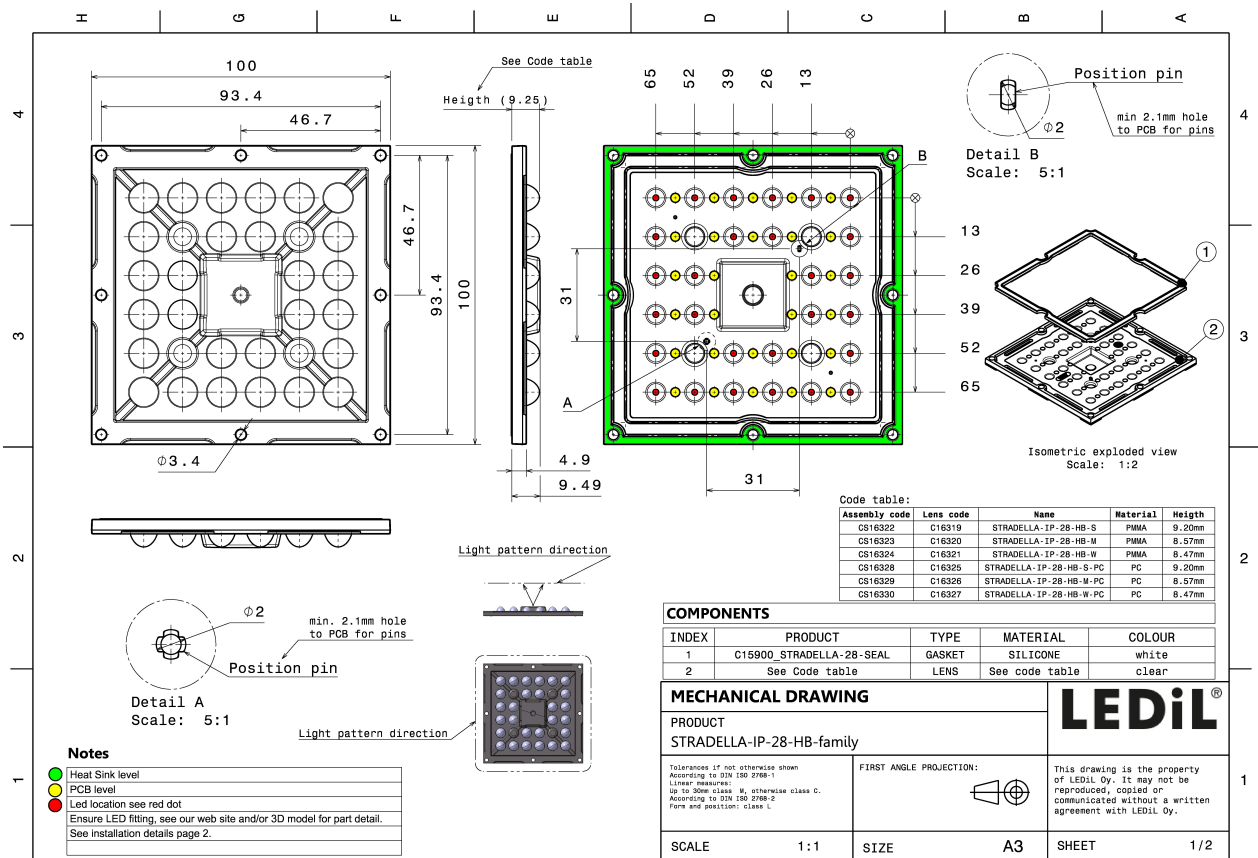
|                 |                    |
|-----------------|--------------------|
| Dimensions      | 100 x 100 mm       |
| Height          | 9.5 mm             |
| Fastening       | pin, screw         |
| Colour          | clear              |
| Box size        | 476 x 273 x 247 mm |
| Box weight      | 6 kg               |
| Quantity in Box | 156 pcs            |
| ROHS compliant  | yes ⓘ              |



### MATERIAL SPECIFICATIONS:

| Component               | Type       | Material | Colour |
|-------------------------|------------|----------|--------|
| STRADELLA-IP-28-HB-S-PC | Lens array | PC       | clear  |
| STRADELLA-28-SEAL       | Seal       | Silicone | white  |

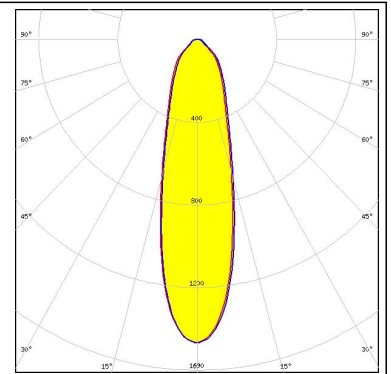
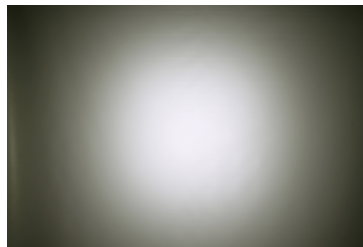




#### PHOTOMETRIC DATA (MEASURED):

**CREE** 

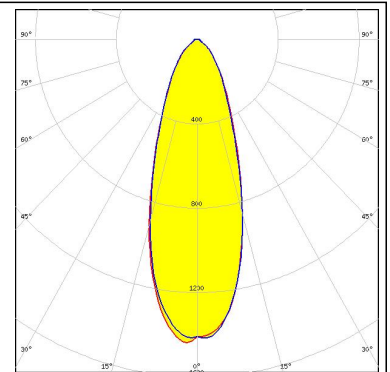
LED XT-E  
FWHM 29.0°  
Efficiency 86 %  
Peak intensity 1.500 cd/lm  
Required components:



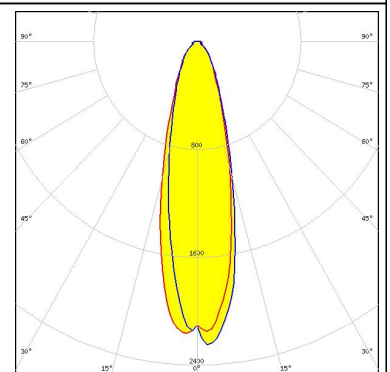
#### PHOTOMETRIC DATA (SIMULATED):



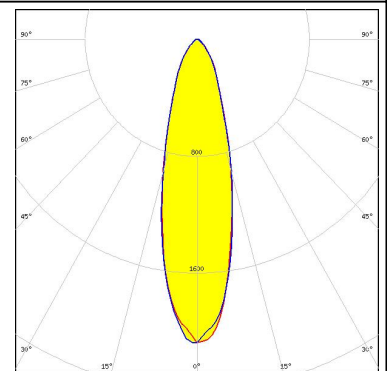
LED XP-G3  
FWHM 36.0°  
Efficiency 89 %  
Peak intensity 1.400 cd/lm  
Required components:



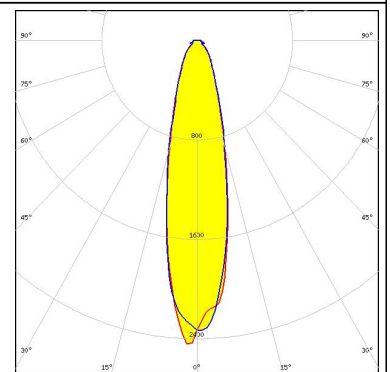
LED LUXEON 3030 2D (Round LES)  
FWHM 25.0°  
Efficiency 89 %  
Peak intensity 2.204 cd/lm  
Required components:



LED NF2x757G  
FWHM 27.0°  
Efficiency 91 %  
Peak intensity 2.150 cd/lm  
Required components:



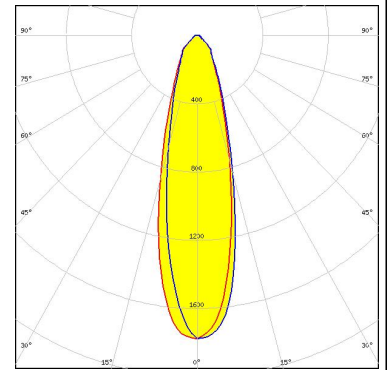
LED NVSxE21A  
FWHM 23.0°  
Efficiency 89 %  
Peak intensity 2.384 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

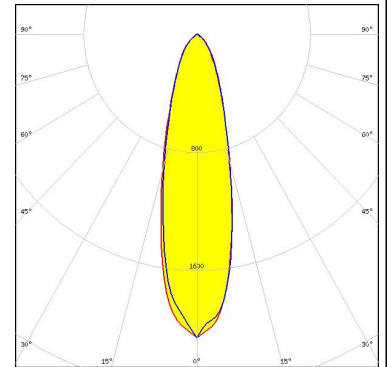
**OSRAM**  
Opto Semiconductors

LED Oslon Square Gen3  
 FWHM 27.0°  
 Efficiency 85 %  
 Peak intensity 1.780 cd/lm  
 Required components:



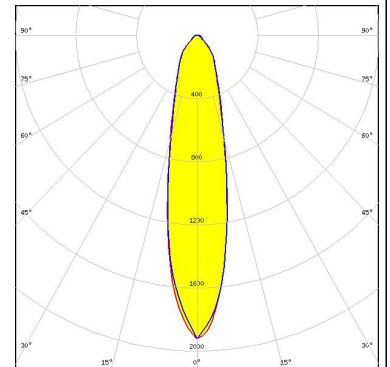
**SEOL**  
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
 FWHM 27.0°  
 Efficiency 87 %  
 Peak intensity 2.070 cd/lm  
 Required components:



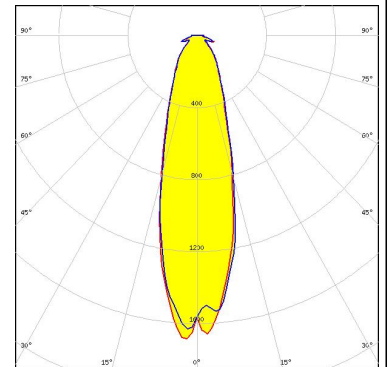
**SEOL**  
SEOUL SEMICONDUCTOR

LED Z8Y19  
 FWHM 24.0°  
 Efficiency 82 %  
 Peak intensity 1.920 cd/lm  
 Required components:



**SEOL**  
SEOUL SEMICONDUCTOR

LED Z8Y22  
 FWHM 28.0°  
 Efficiency 89 %  
 Peak intensity 1.629 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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