

## STRADELLA-16-HB-W-PC

~90° wide beam for industrial applications.  
Varian made from PC.

## TECHNICAL SPECIFICATIONS:

Dimensions	49.5 x 49.5 mm
Height	7.1 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

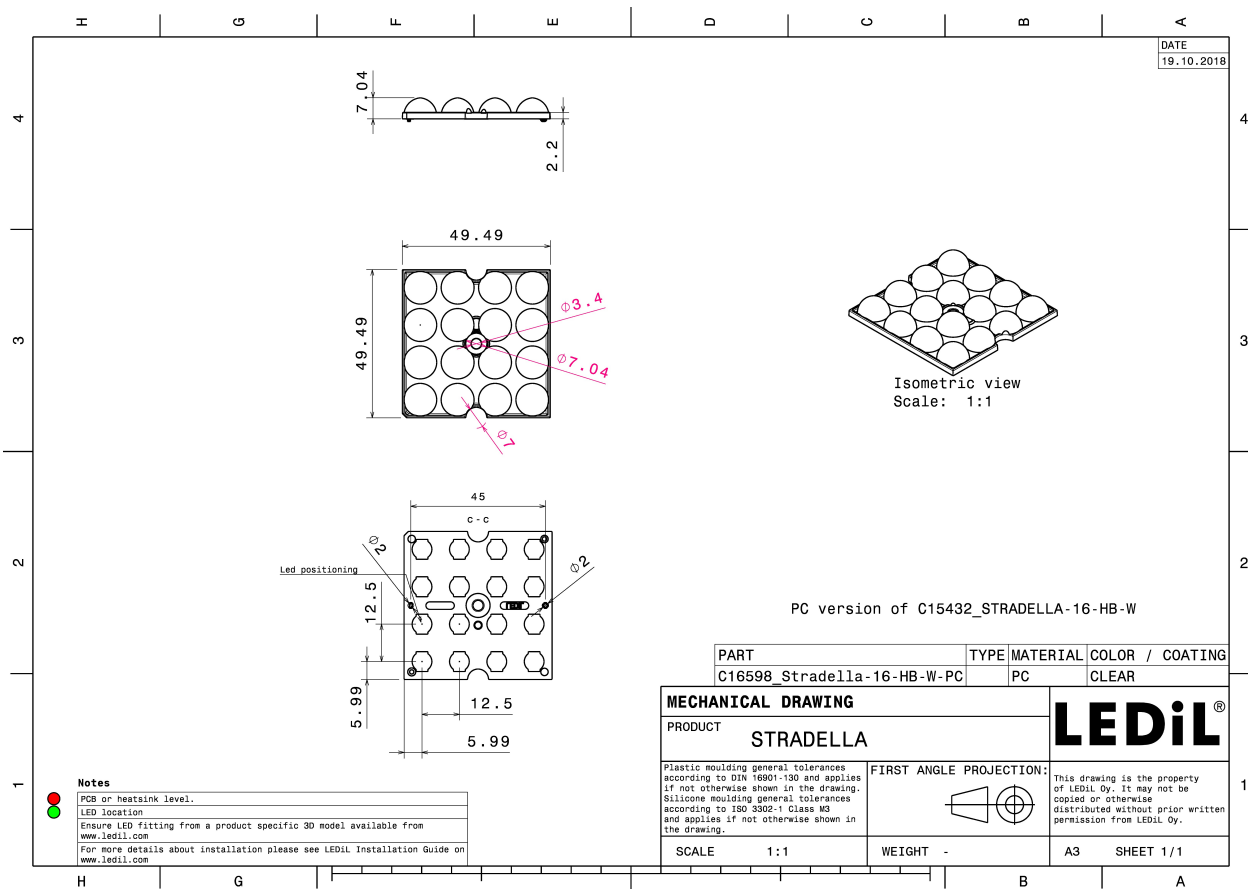
## MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADELLA-16-HB-W-PC	Multi-lens	PC	clear	

## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16598_STRADELLA-16-HB-W-PC » Box size: 480 x 280 x 300 mm	800	160	160	6.4



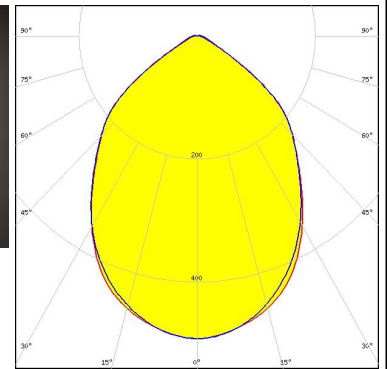
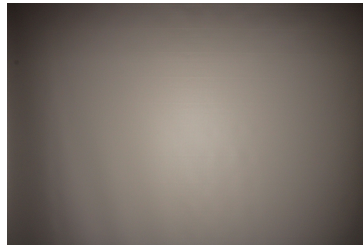


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

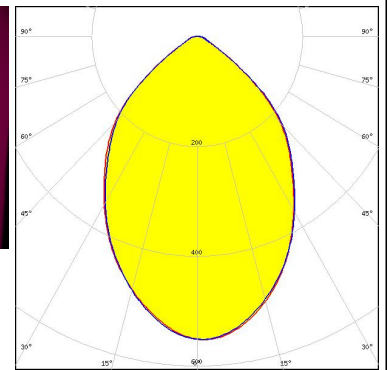
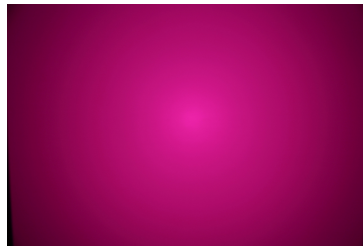
#### PHOTOMETRIC DATA (MEASURED):



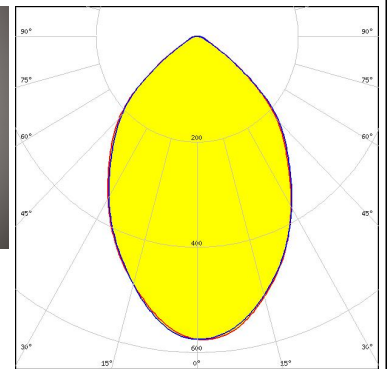
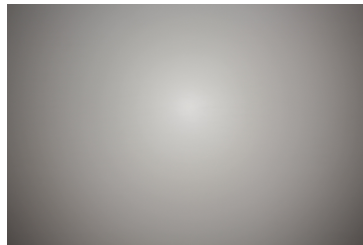
LED EHP-223.5x50-1604-xx-70-LS30-06-NTC  
 FWHM / FWTM 85.0° / 123.0°  
 Efficiency 92 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



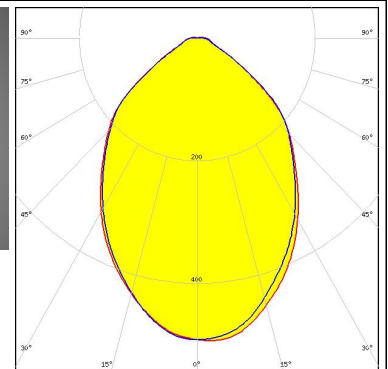
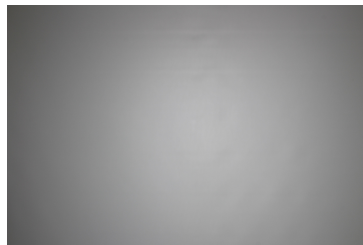
LED Duris S5 (2 chip)  
 FWHM / FWTM 78.0° / 119.0°  
 Efficiency 91 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour Purple  
 Required components:



LED OSCONIQ S 3030  
 FWHM / FWTM 75.0° / 118.0°  
 Efficiency 91 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



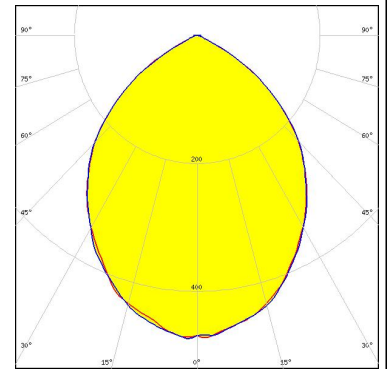
LED XLE-S44XTEHE (XT-E HE)  
 FWHM / FWTM 80.0° / 127.0°  
 Efficiency 91 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



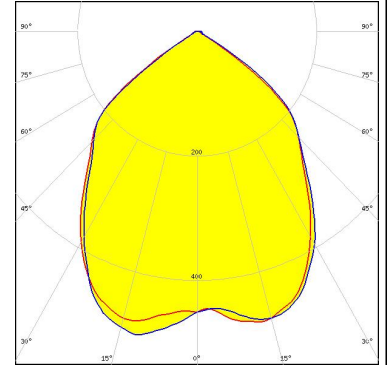
#### PHOTOMETRIC DATA (SIMULATED):



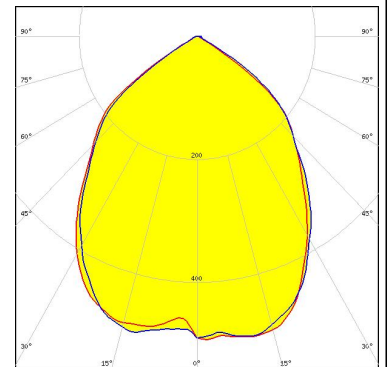
LED XP-G2 HE  
FWHM / FWTM 90.0° / 126.0°  
Efficiency 90 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



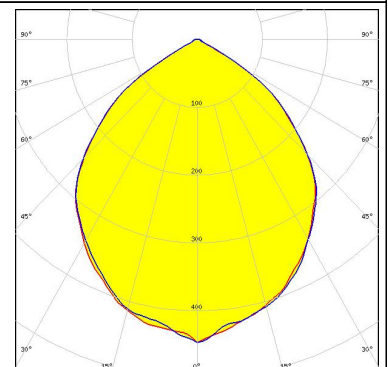
LED LUXEON 3030 2D (Round LES)  
FWHM / FWTM 90.0° / 117.0°  
Efficiency 92 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NF2x757G  
FWHM / FWTM 88.0° / 118.0°  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSW519A  
FWHM / FWTM 94.0° / 122.0°  
Efficiency 89 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



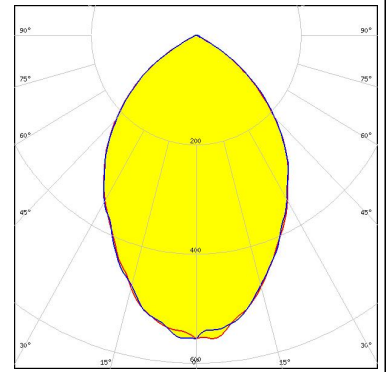
#### PHOTOMETRIC DATA (SIMULATED):

##### OSRAM

Opto Semiconductors

LED Duris S8  
FWHM / FWTM 76.0° / 119.0°  
Efficiency 84 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

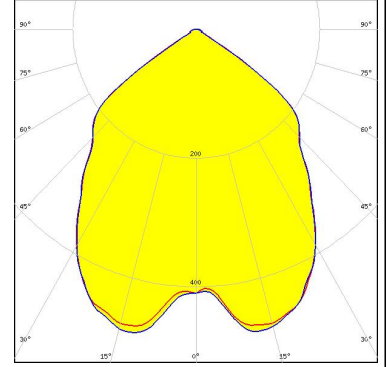
Protective plate, glass



##### OSRAM

Opto Semiconductors

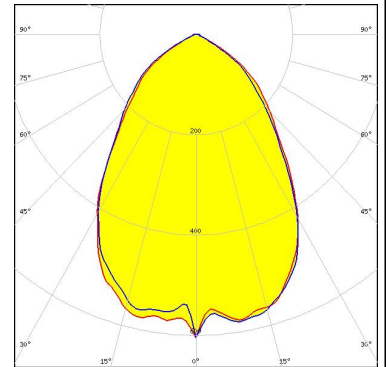
LED OSCONIQ C 2424  
FWHM / FWTM 89.0° / 117.0°  
Efficiency 92 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

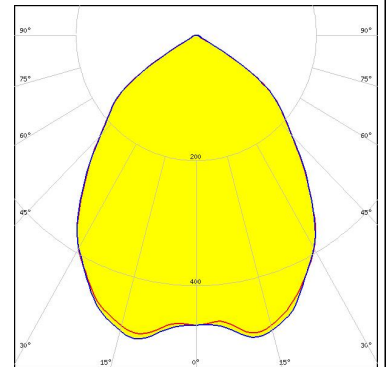
LED OSCONIQ P 3030  
FWHM / FWTM 74.0° / 122.0°  
Efficiency 95 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

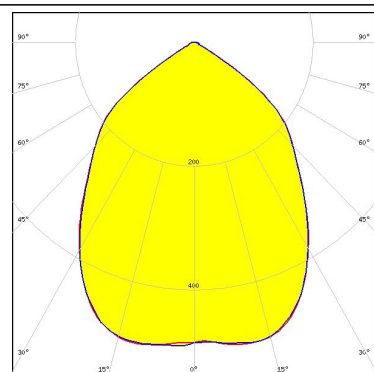
LED OSLOM Square CSSRM2/CSSRM3  
FWHM / FWTM 86.0° / 120.0°  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



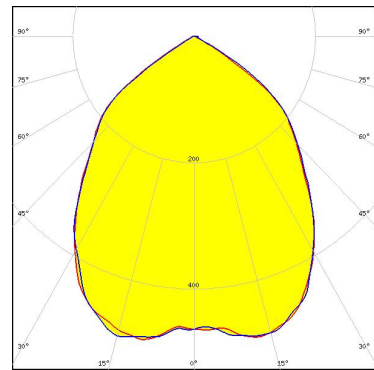
#### PHOTOMETRIC DATA (SIMULATED):

#### SAMSUNG

LED LM302D  
 FWHM / FWTM 86.0° / 120.0°  
 Efficiency 93 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR  
 LED SEOUL DC 3030C  
 FWHM / FWTM 88.0° / 120.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 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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