

## STRADELLA-IP-28-T1-A-PC

Asymmetric IESNA Type I (short) beam. Results a Type II beam with tilted poles. Targeted for Indian market. Variant made from PC.

### SPECIFICATION:

Dimensions	100.0 x 100.0 mm
Height	9.5 mm
Fastening	screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes ⓘ

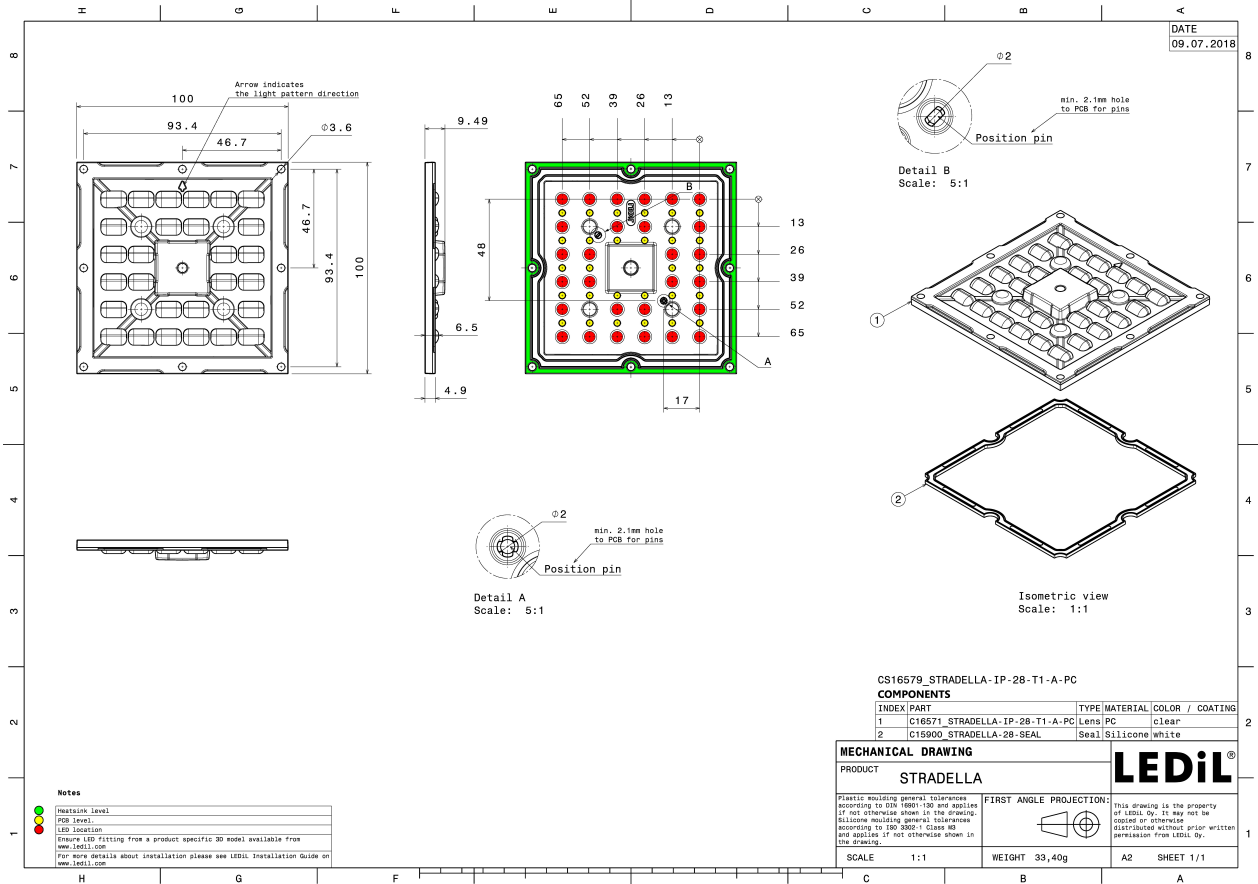


### MATERIALS:

Component	Type	Material	Colour	Finish
STRADELLA-IP-28-T1-A-PC	Multi-lens	PC		
STRADELLA-28-SEAL	Seal	Silicone	white	


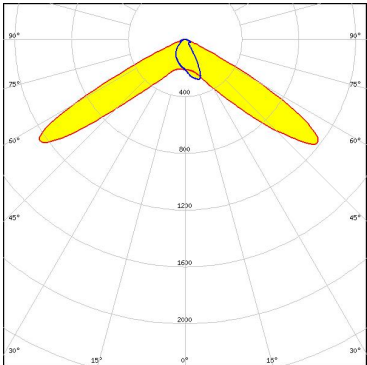

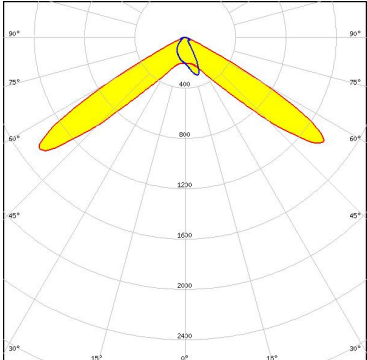

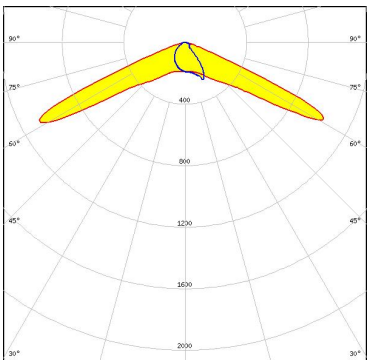

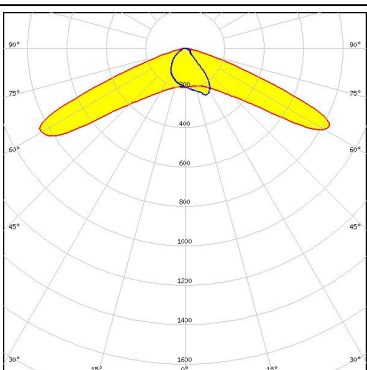
### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CS16579_STRADELLA-IP-28-T1-A-PC	Multi-lens	156	78	78	5.9
» Box size: 476 x 273 x 247 mm					



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

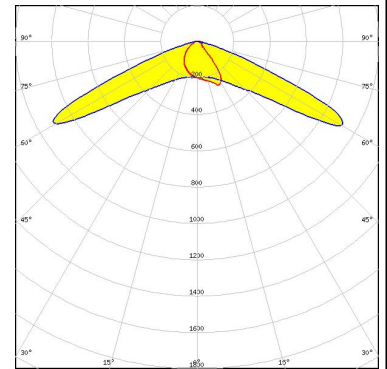
#### OPTICAL RESULTS (MEASURED):

 <p> <b>LED</b> HiQLED STR28 CR JE2835 4x7 xxx  <b>FWHM / FWTM</b> Asymmetric  <b>Efficiency</b> 88 %  <b>Peak intensity</b> 1.5 cd/lm  <b>LEDs/each optic</b> 1  <b>Light colour</b> White  <b>Required components:</b> </p>	
 <p> <b>LED</b> HiQLED STR28 CR JK3030 4x7 xxx  <b>FWHM / FWTM</b> Asymmetric  <b>Efficiency</b> 87 %  <b>Peak intensity</b> 1.6 cd/lm  <b>LEDs/each optic</b> 1  <b>Light colour</b> White  <b>Required components:</b> </p>	
 <p> <b>LED</b> QUICK FLUX STR28 XD2x14 xxx G8  <b>FWHM / FWTM</b> Asymmetric  <b>Efficiency</b> 88 %  <b>Peak intensity</b> 1.3 cd/lm  <b>LEDs/each optic</b> 1  <b>Light colour</b> White  <b>Required components:</b> </p>	
 <p> <b>LED</b> QUICK FLUX STR28 XP2x14 xxx G7  <b>FWHM / FWTM</b> Asymmetric  <b>Efficiency</b> 90 %  <b>Peak intensity</b> 0.9 cd/lm  <b>LEDs/each optic</b> 1  <b>Light colour</b> White  <b>Required components:</b> </p>	

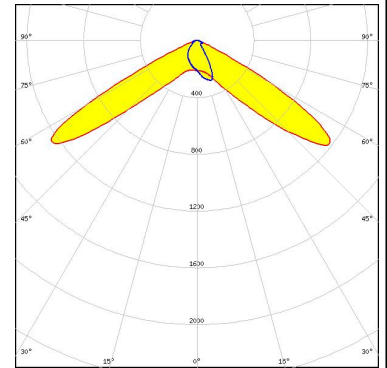
#### OPTICAL RESULTS (MEASURED):



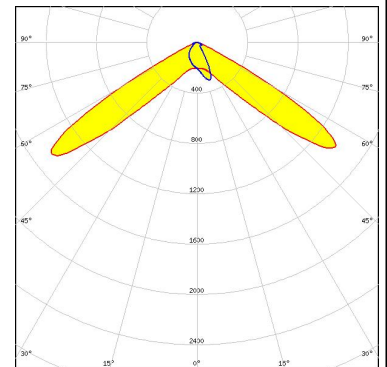
**LED** QUICK FLUX STR28 XT2x14 xxx G5  
**FWHM / FWTM** Asymmetric  
**Efficiency** 91 %  
**Peak intensity** 1 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



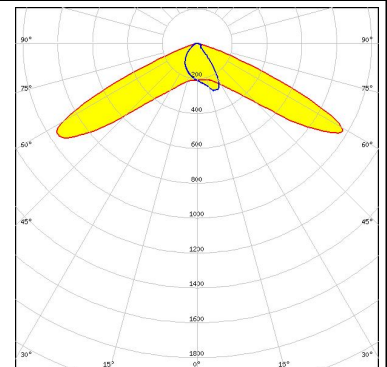
**LED** J Series 2835  
**FWHM / FWTM** Asymmetric  
**Efficiency** 88 %  
**Peak intensity** 1.5 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** J Series 3030  
**FWHM / FWTM** Asymmetric  
**Efficiency** 87 %  
**Peak intensity** 1.6 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



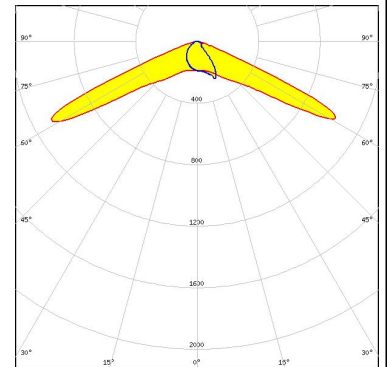
**LED** J Series 3030  
**FWHM / FWTM** Asymmetric  
**Efficiency** 92 %  
**Peak intensity** 1.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



#### OPTICAL RESULTS (MEASURED):

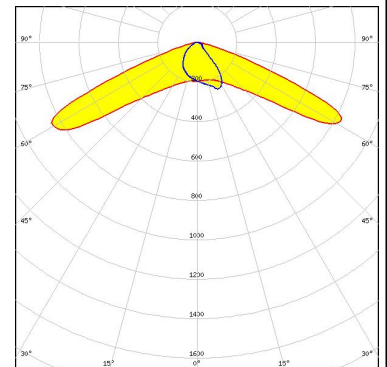
##### CREE LED

LED XD16  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



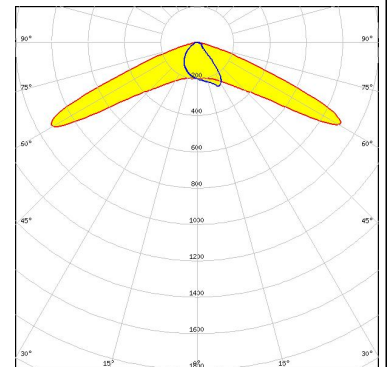
##### CREE LED

LED XP-G3  
 FWHM / FWTM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### CREE LED

LED XT-E  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM Opto Semiconductors

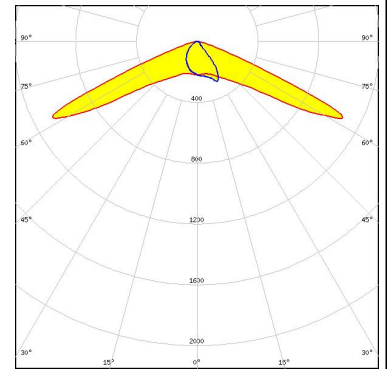
LED OSCONIQ S 3030 (QLSR31)  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### OPTICAL RESULTS (MEASURED):

#### OSRAM

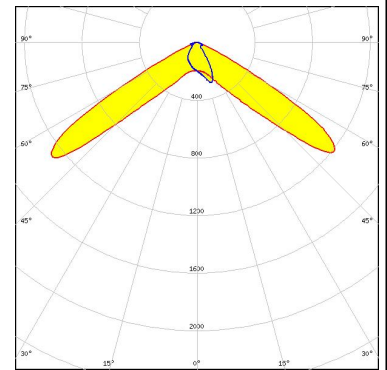
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



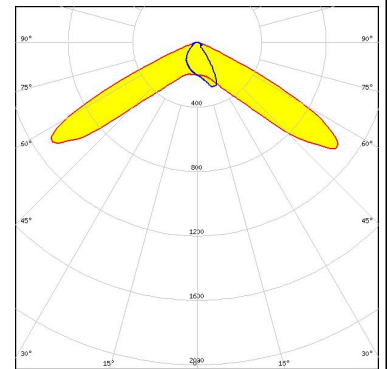
#### SAMSUNG

LED HiLOM SC28 (LH181B)  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

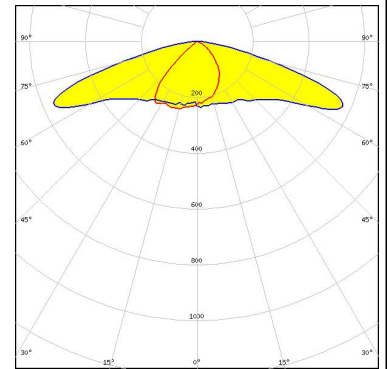
LED HiLOM SM28 (LM301B)  
FWHM / FWTM Asymmetric  
Efficiency 88 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OPTICAL RESULTS (SIMULATED):

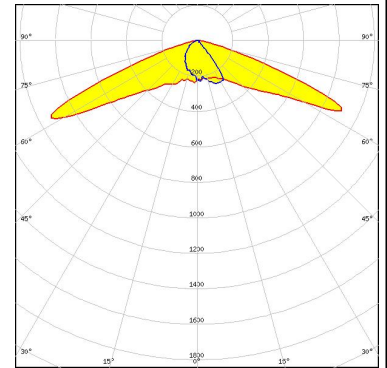
##### LUMILEDS

LED LUXEON HL2X  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### NICHIA

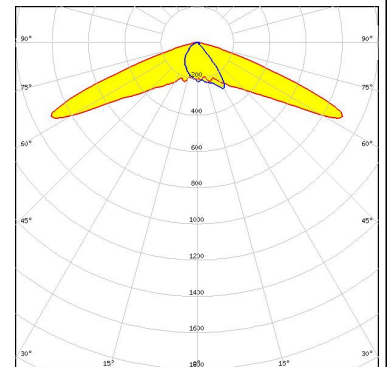
LED NF2x757G  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Ospto Semiconductors

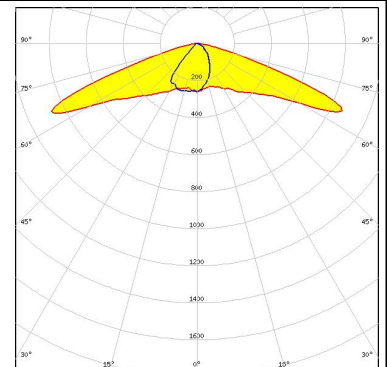
LED OSCONIQ C 2424  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Ospto Semiconductors

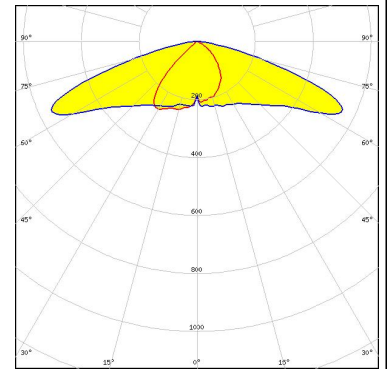
LED OSCONIQ P 3030  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



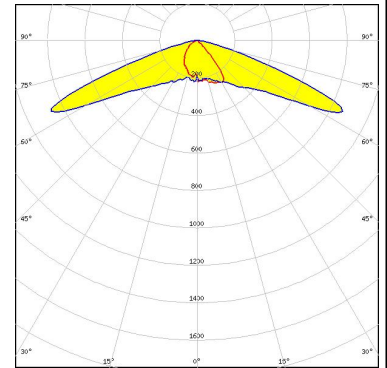
#### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

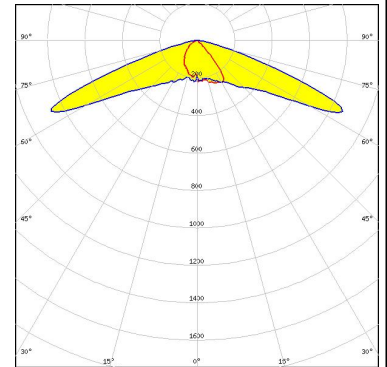
LED LH351C  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR  
 LED SEOUL DC 3030  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR  
 LED SEOUL DC 3030C  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 1 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:

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