

## STRADELLA-HB-S

~25° spot beam for industrial applications

## SPECIFICATION:

Dimensions	13.9 x 13.9 mm
Height	7.5 mm
Fastening	pin
ROHS compliant	yes ⓘ

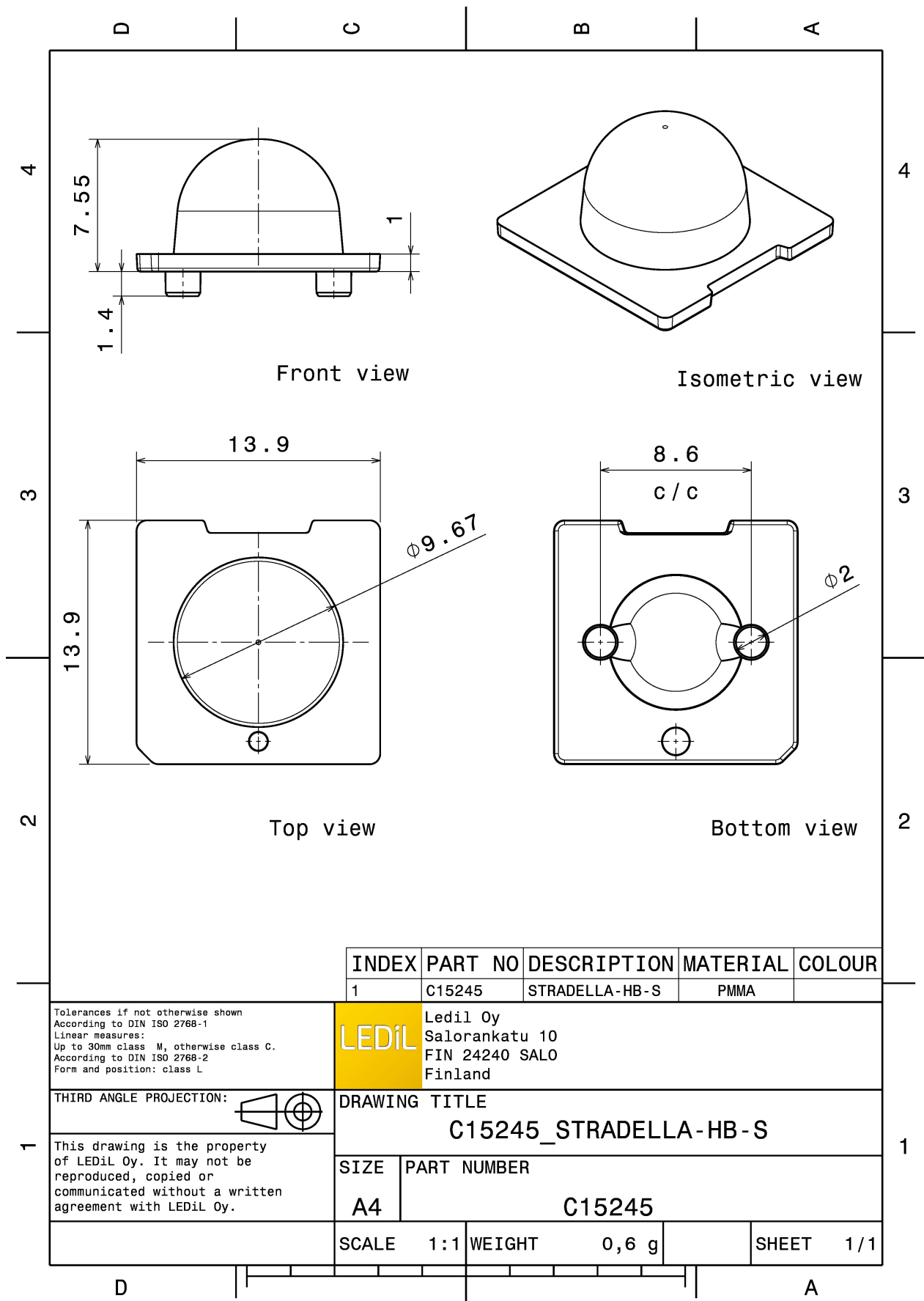
## MATERIALS:

Component	Type	Material	Colour	Finish
STRADELLA-HB-S	Single lens	PMMA	clear	



## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15245_STRADELLA-HB-S » Box size: 480 x 250 x 390 mm	16000	1000	1000	9.0

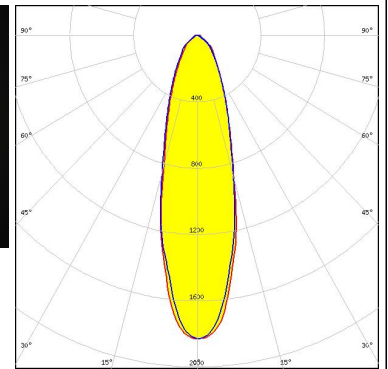
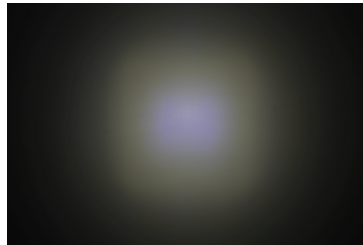


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

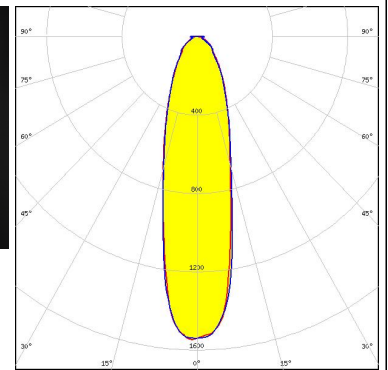
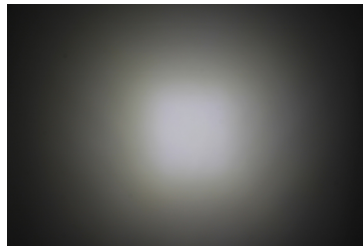
#### OPTICAL RESULTS (MEASURED):



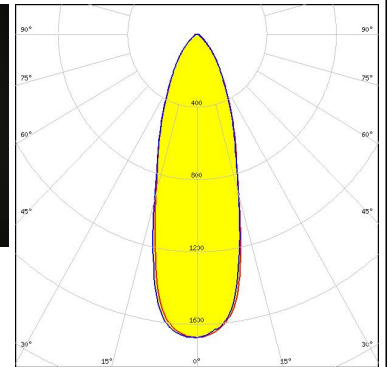
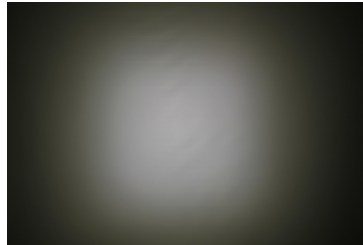
LED J Series 3030  
FWHM / FWTM 29.0° / 75.0°  
Efficiency 96 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



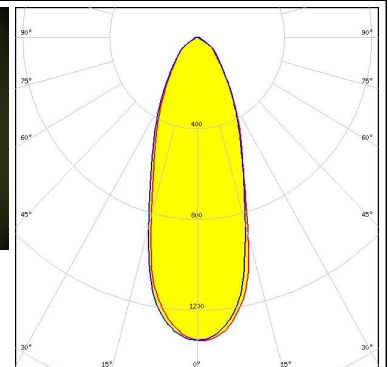
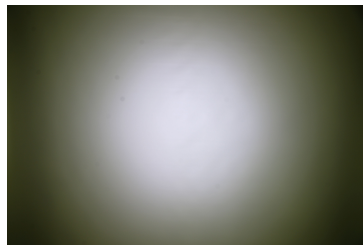
LED XT-E  
FWHM / FWTM 27.0° / 81.0°  
Efficiency 92 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSW219D  
FWHM / FWTM 32.0° / 78.0°  
Efficiency 94 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



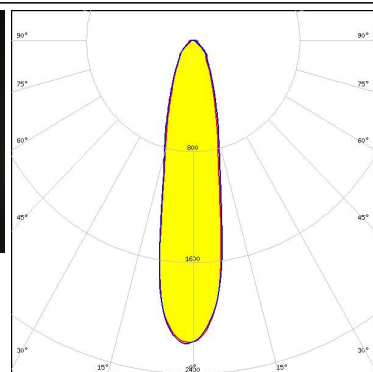
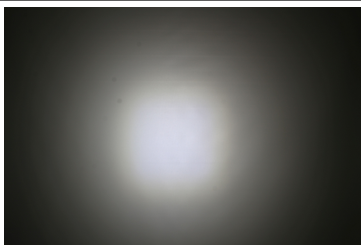
LED NVSW319B  
FWHM / FWTM 37.0° / 91.0°  
Efficiency 94 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

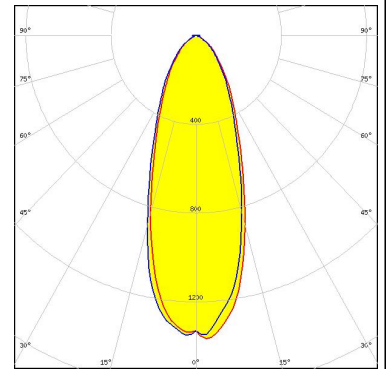
LED LH181B  
FWHM / FWTM 23.0° / 65.0°  
Efficiency 94 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OPTICAL RESULTS (SIMULATED):



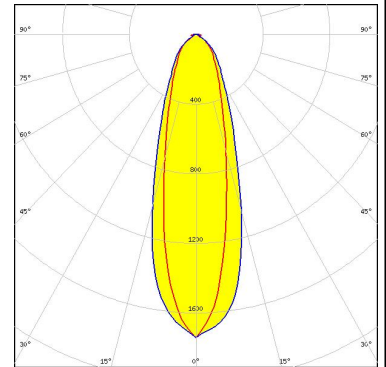
LED XP-G2 HE  
 FWHM / FWTM 37.0° / 88.0°  
 Efficiency 93 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



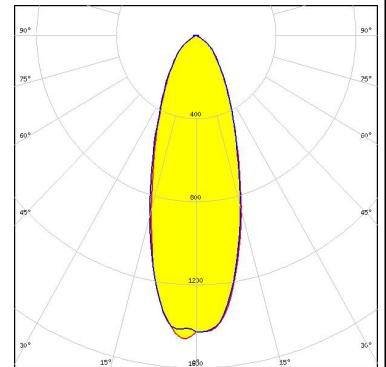
LED LUXEON IR Domed 150 (L110-0xxx1500000000)  
 FWHM / FWTM 23.0° / 83.0°  
 Efficiency 92 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NF2W585AR-P8  
 FWHM / FWTM 25.0 + 34.0° / 76.0 + 86.0°  
 Efficiency 94 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NVSW219F  
 FWHM / FWTM 36.0° / 88.0°  
 Efficiency 93 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



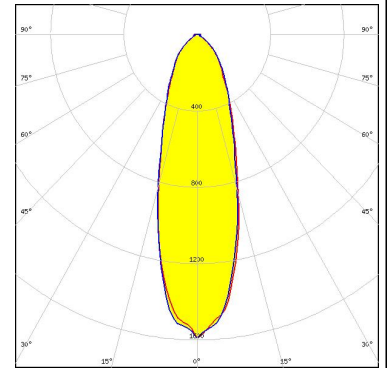
#### OPTICAL RESULTS (SIMULATED):



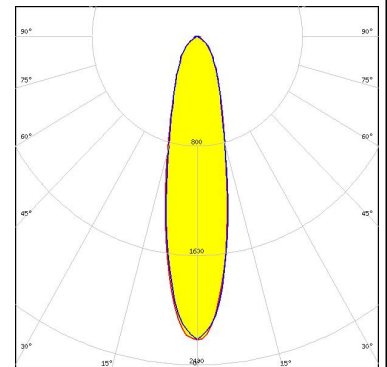
LED NVSW519A  
FWHM / FWTM 43.0° / 94.0°  
Efficiency 91 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



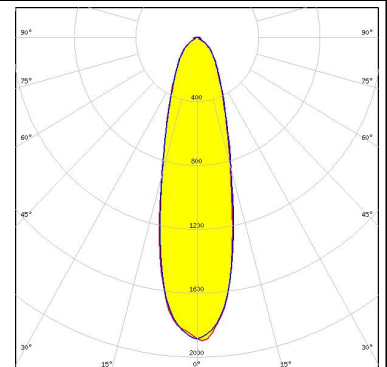
LED NVSxx19B/NVSxx19C  
FWHM / FWTM 31.0° / 86.0°  
Efficiency 93 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSCONIQ C 2424  
FWHM / FWTM 24.0° / 70.0°  
Efficiency 94 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSCONIQ C 3030  
FWHM / FWTM 28.0° / 77.0°  
Efficiency 95 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



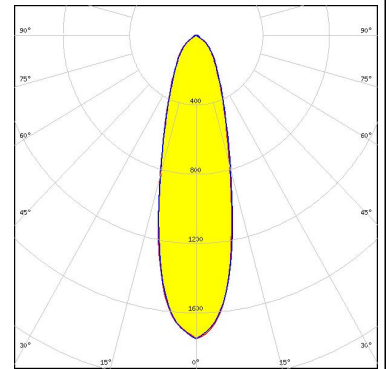
#### OPTICAL RESULTS (SIMULATED):

##### OSRAM

Opto Semiconductors

LED OSCONIQ C 3030  
FWHM / FWTM 28.0° / 77.0°  
Efficiency 86 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

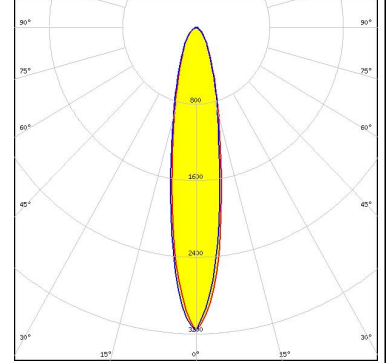
Protective plate, glass



##### OSRAM

Opto Semiconductors

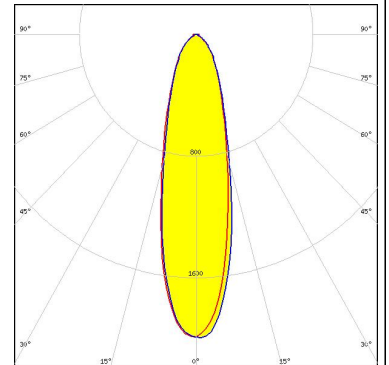
LED OSCONIQ P 3030  
FWHM / FWTM 20.0° / 55.0°  
Efficiency 95 %  
Peak intensity 3.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

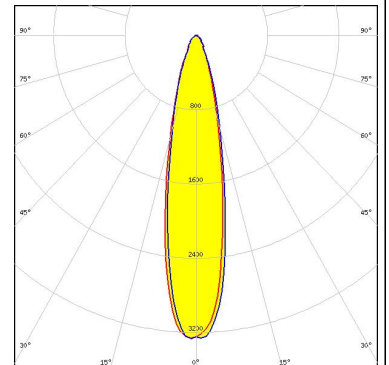
LED OSCONIQ P 3737 (2W version)  
FWHM / FWTM 27.0° / 74.0°  
Efficiency 94 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 22.0° / 50.0°  
Efficiency 94 %  
Peak intensity 3.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

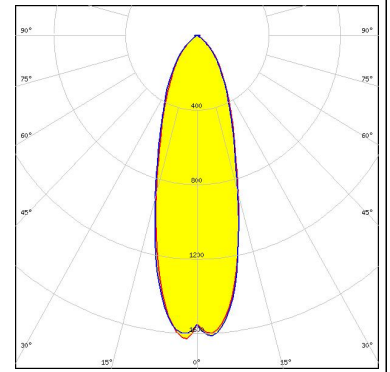




#### OPTICAL RESULTS (SIMULATED):

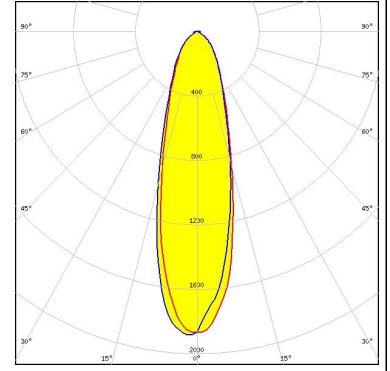
#### SAMSUNG

LED LH351B  
FWHM / FWTM 32.0° / 81.0°  
Efficiency 90 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



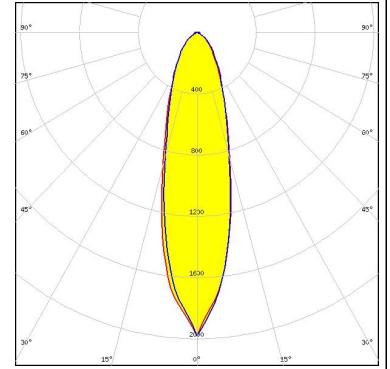
#### SAMSUNG

LED LM28xB Series  
FWHM / FWTM 28.0° / 77.0°  
Efficiency 94 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



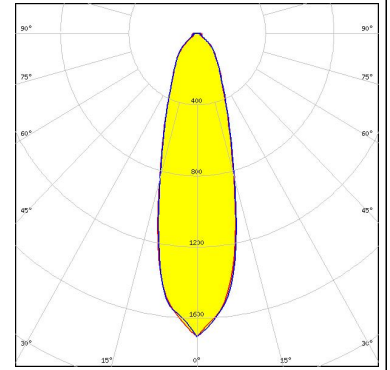
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM / FWTM 27.0° / 73.0°  
Efficiency 94 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22T  
FWHM / FWTM 30.0° / 80.0°  
Efficiency 93 %  
Peak intensity 1.7 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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