

## STRADA-SQ-CY

Beam for canopy lighting with batwing light distribution. Suitable for symmetrical tunnel lighting. Version with location pins.

### TECHNICAL SPECIFICATIONS:

Dimensions	25.0 x 25.0 mm
Height	10.1 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

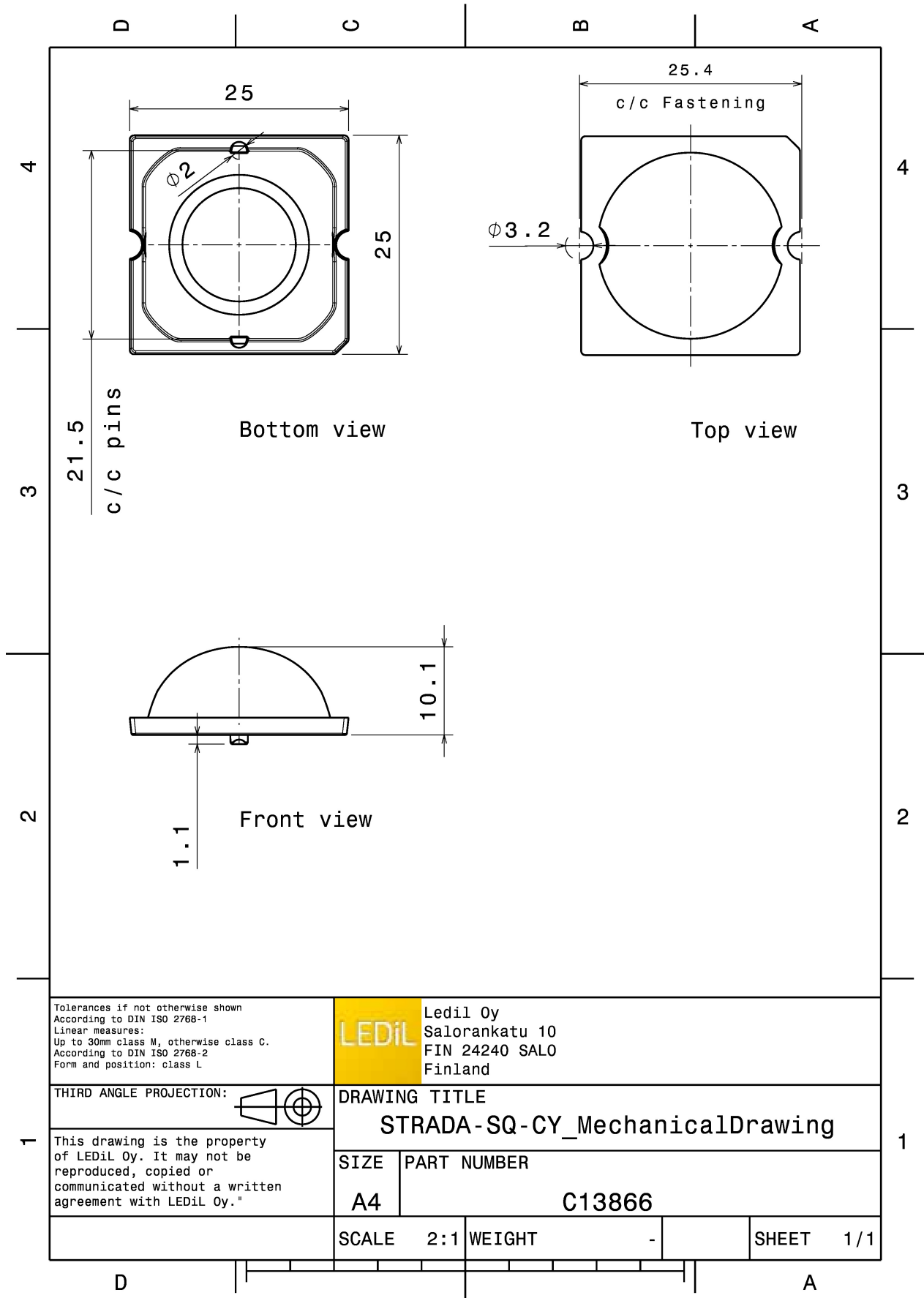


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADA-SQ-CY	Single lens	PMMA	clear	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13866_STRADA-SQ-CY » Box size: 480 x 280 x 300 mm	2058	294	98	7.8

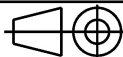


Tolerances if not otherwise shown  
According to DIN ISO 2768-1  
Linear measures:  
Up to 30mm class M, otherwise class C.  
According to DIN ISO 2768-2  
Form and position: class L

**LEDiL**

Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

**STRADA-SQ-CY\_MechanicalDrawing**

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SIZE

PART NUMBER

**A4**

**C13866**

SCALE

2:1

WEIGHT

-

SHEET

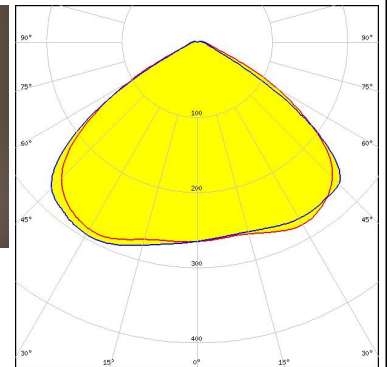
1/1

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

#### PHOTOMETRIC DATA (MEASURED):

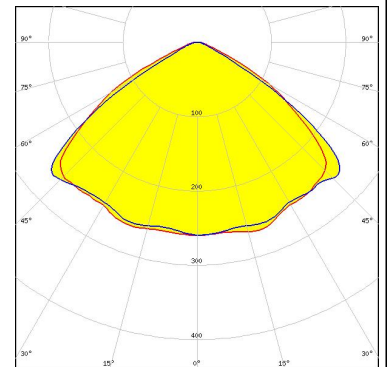
##### CREE LED

LED MHD-E/G  
 FWHM / FWTM 117.0 + 115.0° / 138.0 + 133.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



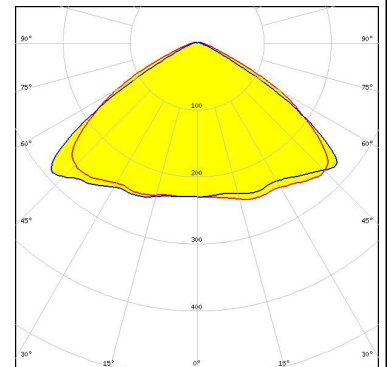
##### CREE LED

LED MK-R  
 FWHM / FWTM 118.0 + 115.0° / 141.0 + 133.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



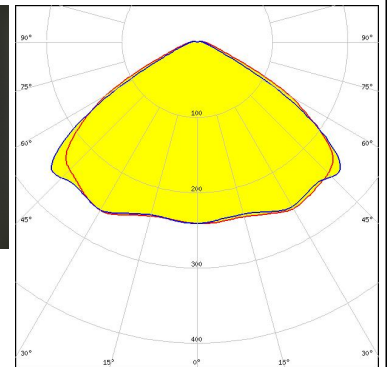
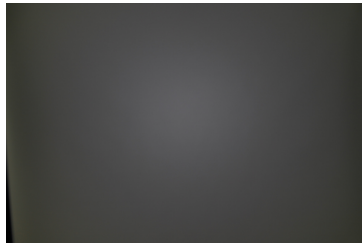
##### CREE LED

LED XHP50  
 FWHM / FWTM 123.0 + 119.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### CREE LED

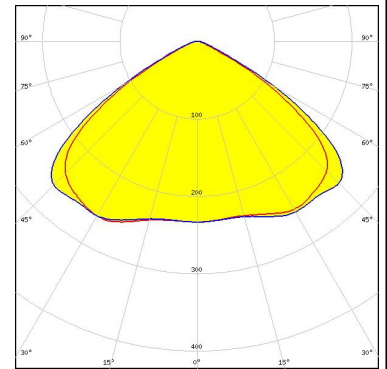
LED XHP70  
 FWHM / FWTM 123.0 + 120.0° / 150.0 + 143.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

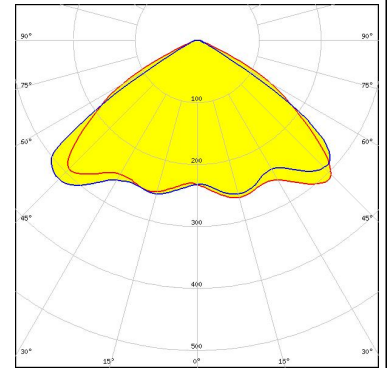
#### CREE LED

LED XHP70.2  
 FWHM / FWTM 116.0 + 119.0° / 135.0 + 139.0°  
 Efficiency 91 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



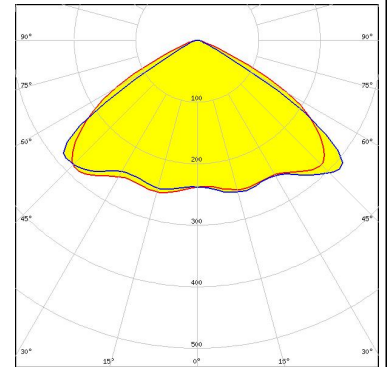
#### CREE LED

LED XM-L  
 FWHM / FWTM 122.0 + 116.0° / 139.0 + 131.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



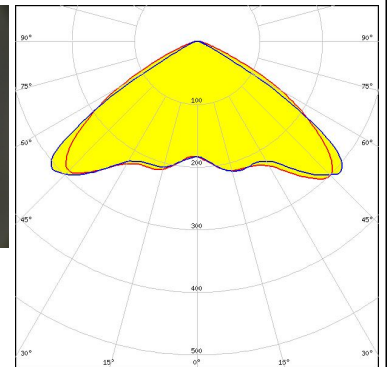
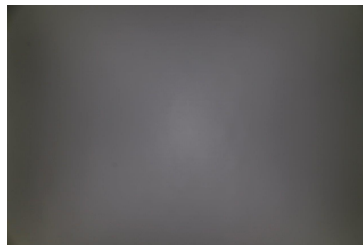
#### CREE LED

LED XM-L2  
 FWHM / FWTM 122.0 + 115.0° / 141.0 + 129.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE LED

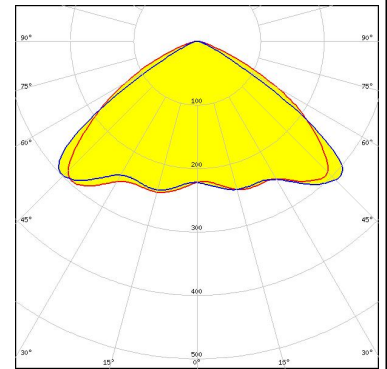
LED XP-L HD  
 FWHM / FWTM 120.0 + 131.0° / 137.0 + 152.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



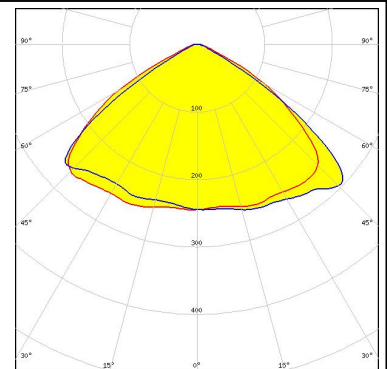
### PHOTOMETRIC DATA (MEASURED):



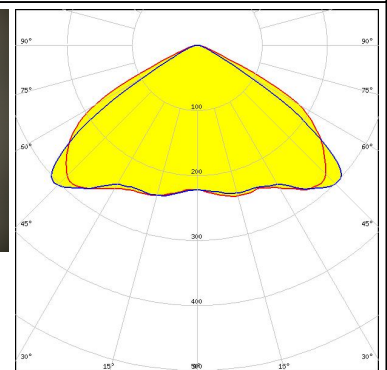
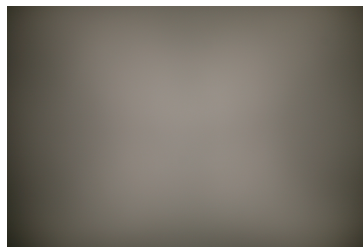
**LED** XP-L2  
**FWHM / FWTM** 125.0 + 117.0° / 148.0 + 136.0°  
**Efficiency** 94 %  
**Peak intensity** 0.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** LUXEON M/MX  
**FWHM / FWTM** 120.0 + 115.0° / 139.0 + 132.0°  
**Efficiency** 94 %  
**Peak intensity** 0.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** LUXEON MZ  
**FWHM / FWTM** 127.0 + 118.0° / 144.0 + 137.0°  
**Efficiency** 94 %  
**Peak intensity** 0.3 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



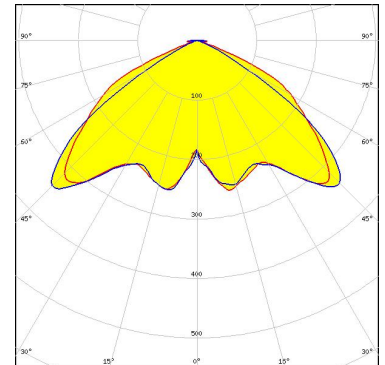
#### PHOTOMETRIC DATA (SIMULATED):



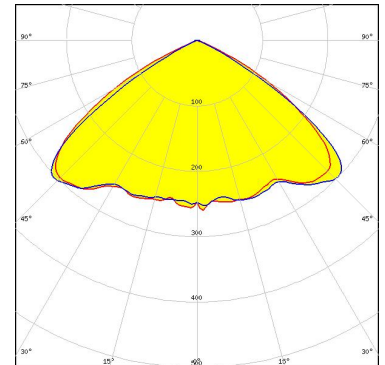
LED MHB-A/B  
 FWHM / FWTM Asymmetric  
 Efficiency %  
 LEDs/each optic 1  
 Light colour White  
 Required components:



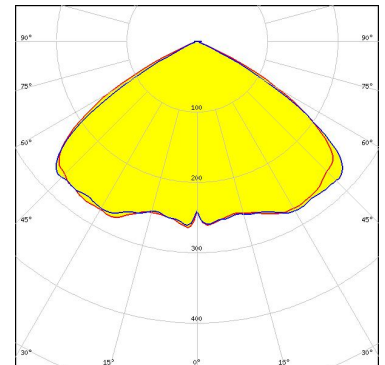
LED XB-D  
 FWHM / FWTM 124.0 + 114.0° / 140.0 + 130.0°  
 Efficiency 95 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



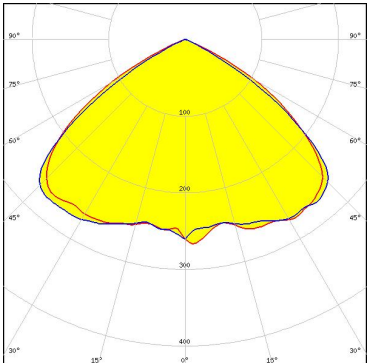
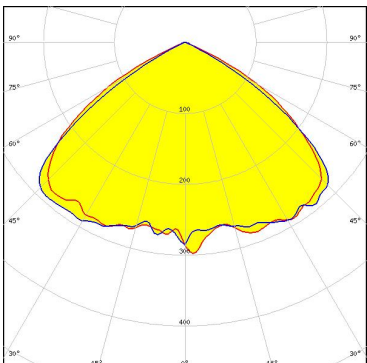
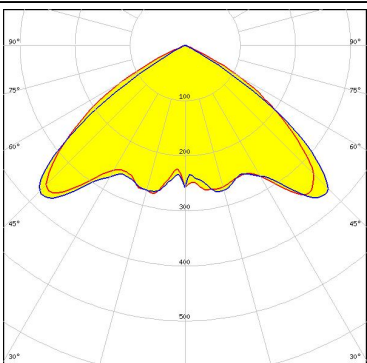
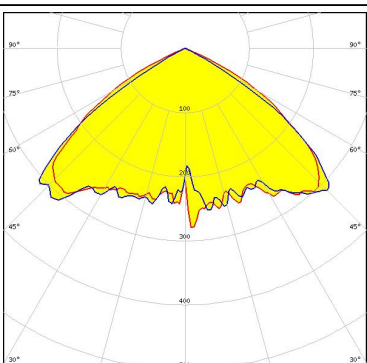
LED XHP50.3 HD  
 FWHM / FWTM 118.0 + 114.0° / 133.0 + 128.0°  
 Efficiency 95 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP70.3  
 FWHM / FWTM 119.0 + 117.0° / 132.0 + 129.0°  
 Efficiency 95 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

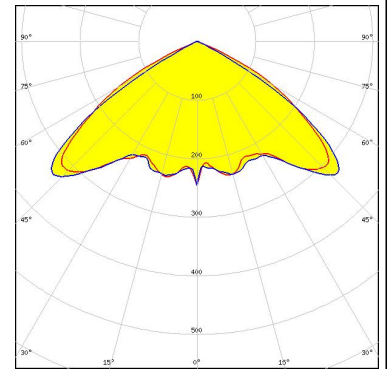
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 7070</p> <p>FWHM / FWTM: 115.0 + 112.0° / 132.0 + 128.0°</p> <p>Efficiency: 87 %</p> <p>Peak intensity: 0.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> <p>Protective plate, glass</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 7070</p> <p>FWHM / FWTM: 116.0 + 112.0° / 132.0 + 127.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 0.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NF2x757G</p> <p>FWHM / FWTM: 114.0 + 110.0° / 131.0 + 122.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 0.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NFMW48xA</p> <p>FWHM / FWTM: 101.0 + 97.0° / 124.0 + 122.0°</p> <p>Efficiency: 92 %</p> <p>Peak intensity: 0.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	



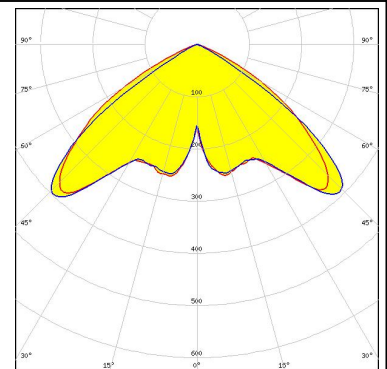
### PHOTOMETRIC DATA (SIMULATED):



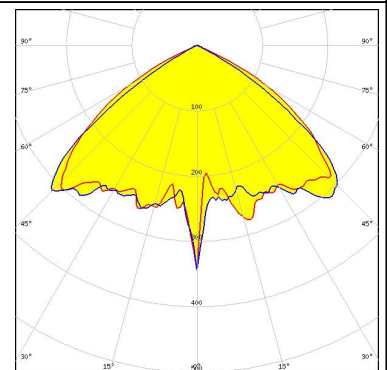
**LED** NVSW519A  
**FWHM / FWTM** 120.0 + 115.0° / 132.0 + 126.0°  
**Efficiency** 94 %  
**Peak intensity** 0.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



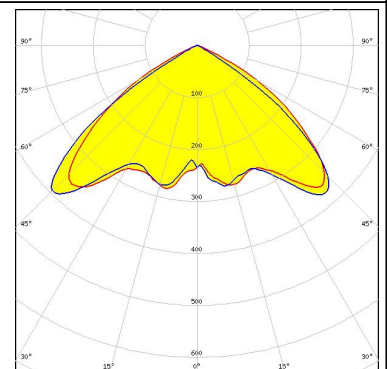
**LED** OSCONIQ P 3030  
**FWHM / FWTM** 115.0 + 110.0° / 135.0 + 123.0°  
**Efficiency** 96 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** OSCONIQ P 7070  
**FWHM / FWTM** 110.0 + 106.0° / 130.0 + 122.0°  
**Efficiency** 92 %  
**Peak intensity** 0.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** OSCONIQ S 3030  
**FWHM / FWTM** 114.0 + 109.0° / 131.0 + 122.0°  
**Efficiency** 96 %  
**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:

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### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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