

## STRADA-SQ-ME

Beam with excellent longitudinal luminance uniformity fulfilling EN13201 M-class requirements where road width is equal to or less than the pole height. Version with location pins and installation tap

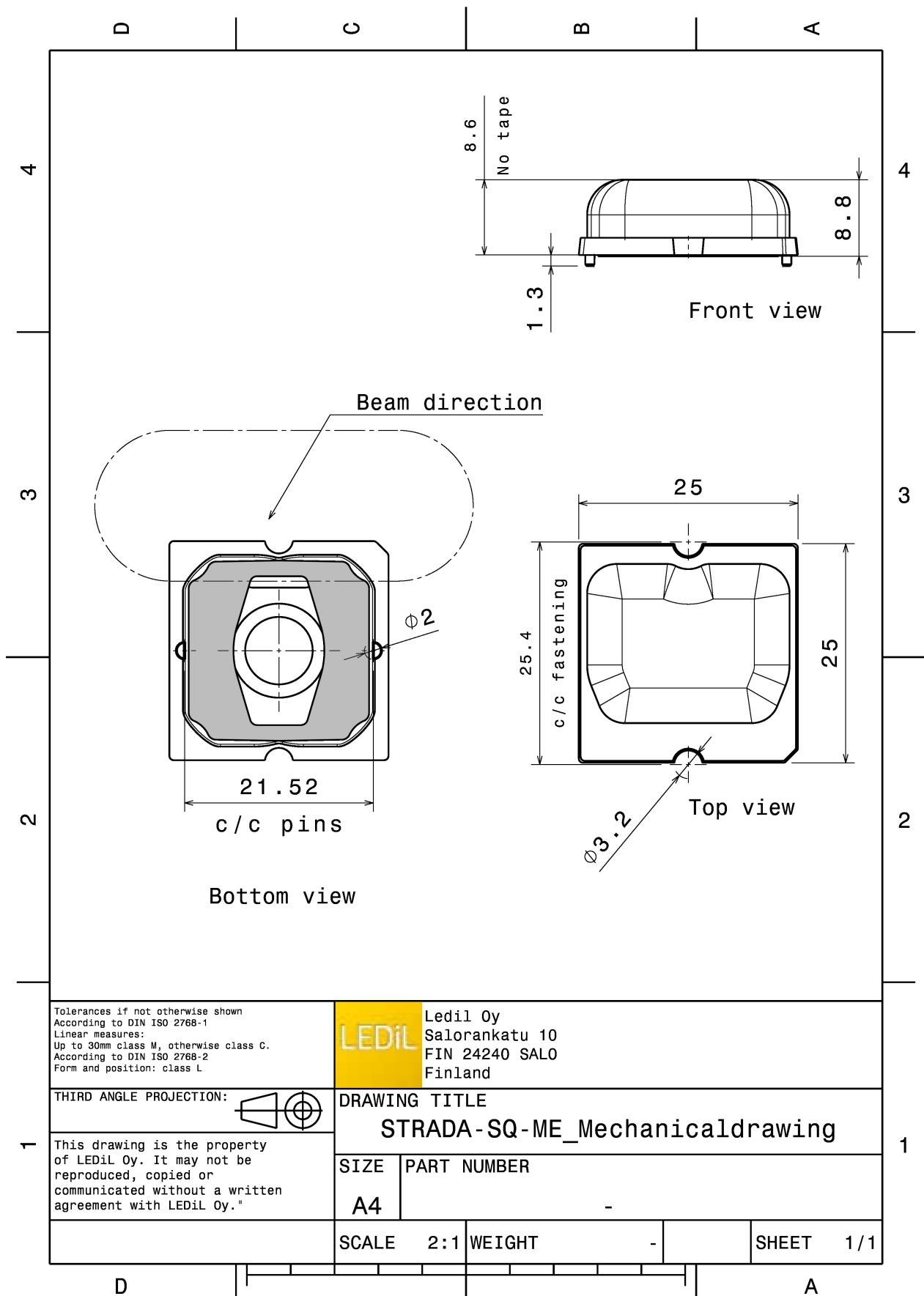
### TECHNICAL SPECIFICATIONS:

Dimensions	25.0 mm
Height	8.8 mm
Fastening	tape, pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.8 kg
Quantity in Box	2058 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

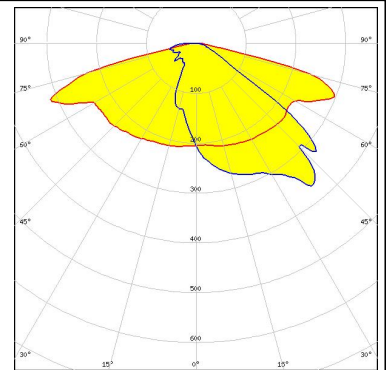
Component	Type	Material	Colour
STRADA-SQ-ME	Single lens	PMMA	clear
ROSE-TAPE	Tape	PU tape	black



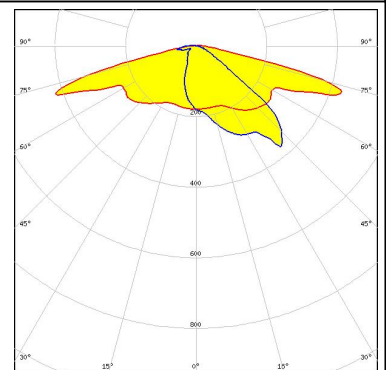
#### PHOTOMETRIC DATA (MEASURED):



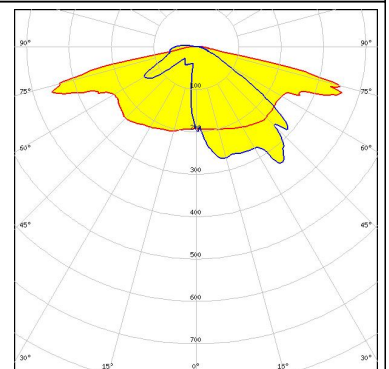
LED MK-R  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.640 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



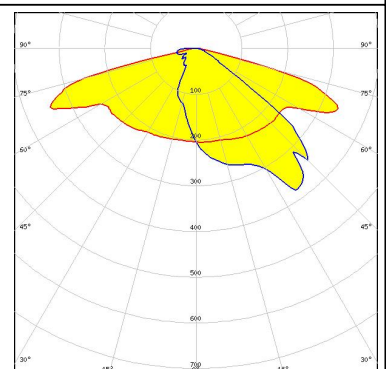
LED XHP35 HD  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.850 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XHP50  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.580 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



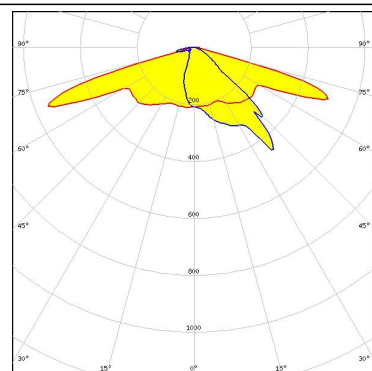
LED LUXEON M/MX  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.670 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

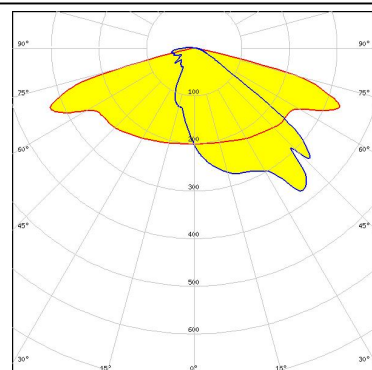
##### LUMILEDS

LED LUXEON MZ  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.960 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



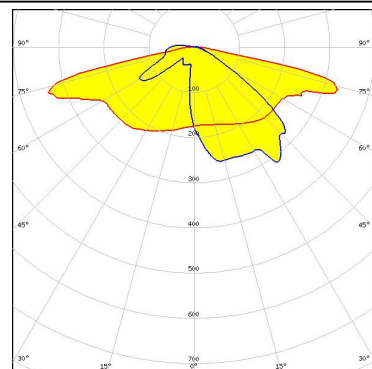
##### LUMILEDS

LED LUXEON XR-M linear 1x3, 1x4, 1x5  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.670 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



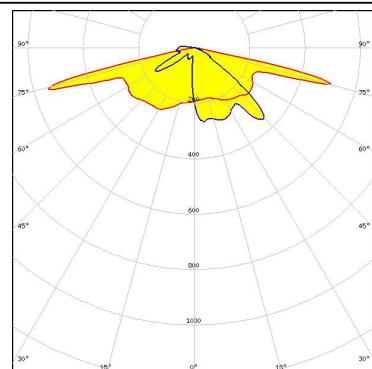
##### NICHIA

LED NV4x144A  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.540 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### NICHIA

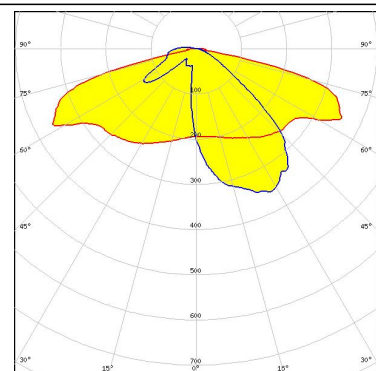
LED NVSW319B  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.930 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

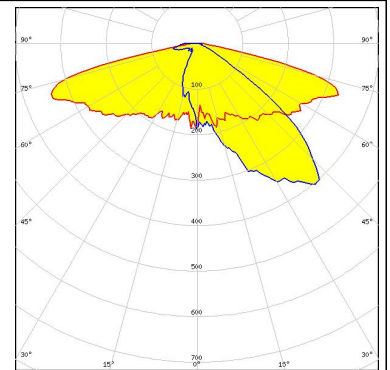
LED	Duris S10
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.510 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



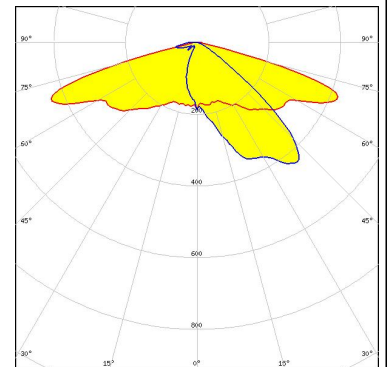
### PHOTOMETRIC DATA (SIMULATED):



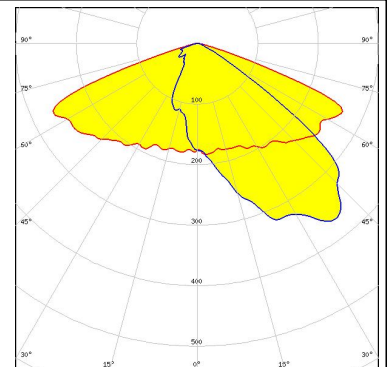
LED MHB-A/B  
FWHM Asymmetric  
Efficiency %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



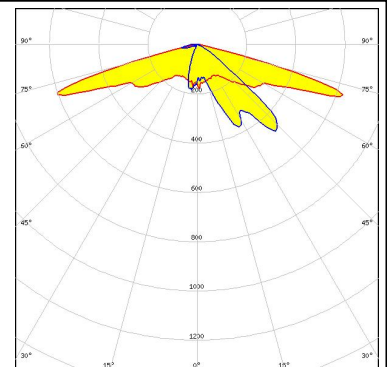
LED LUXEON 5050  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.750 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON M/MX  
FWHM Asymmetric  
Efficiency 78 %  
Peak intensity 0.450 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Undefined Manufacturer: Protective Plate, Glass



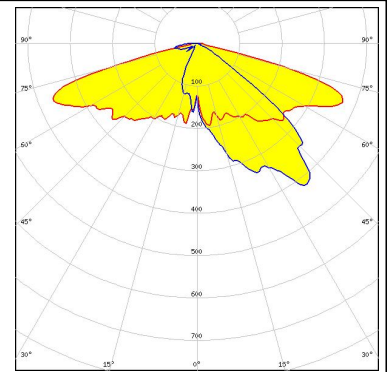
LED NVSxx19B/NVSxx19C  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.980 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.647 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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