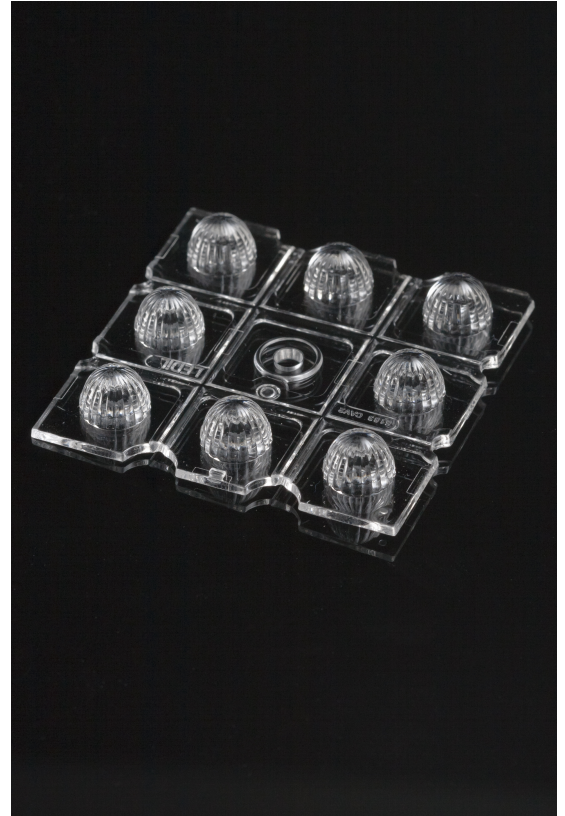


## STRADELLA-8-HB-S

~25° spot beam for industrial applications

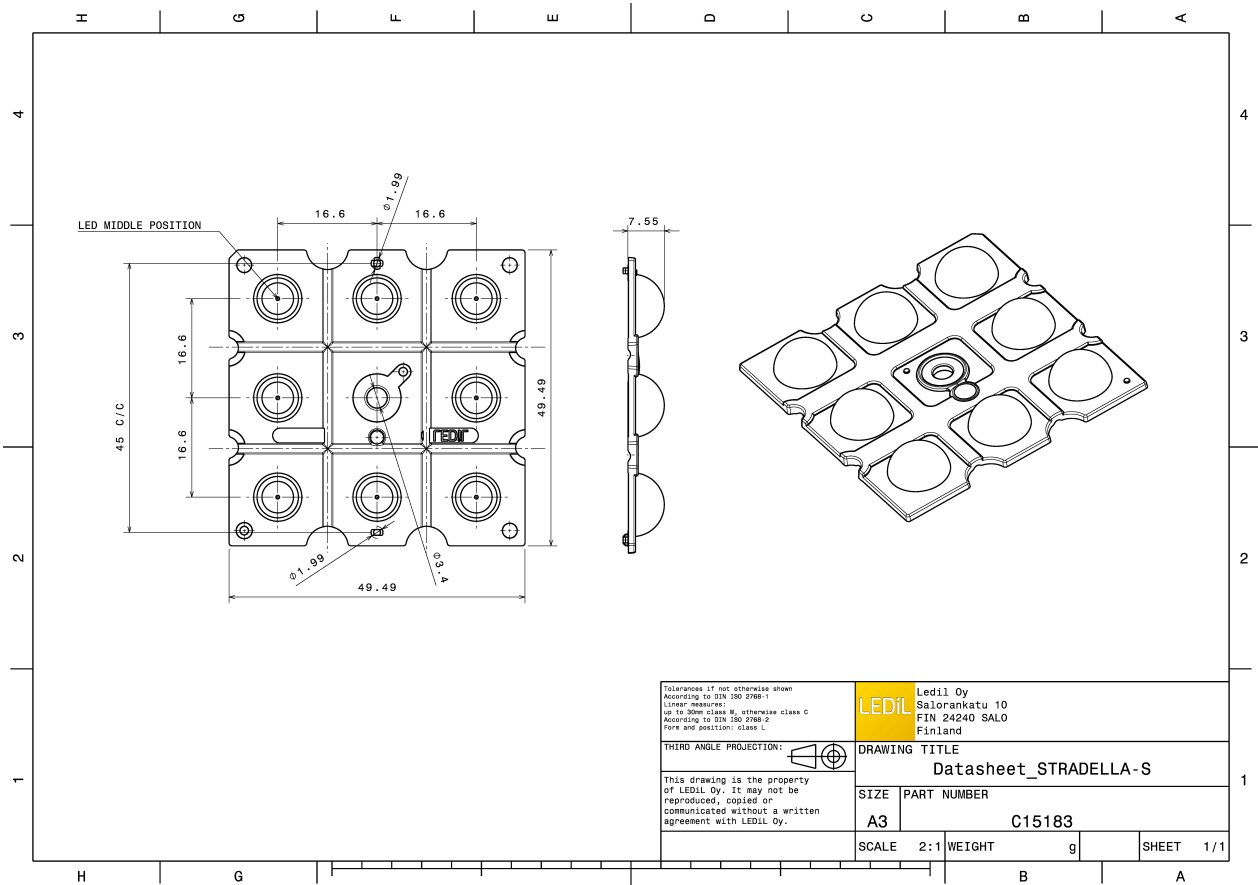
### TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	7.5 mm
Fastening	screw
Colour	clear
Box size	
Box weight	5 kg
Quantity in Box	pcs
ROHS compliant	yes ⓘ


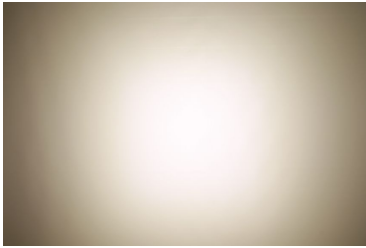
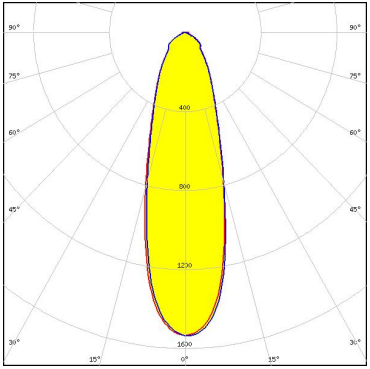


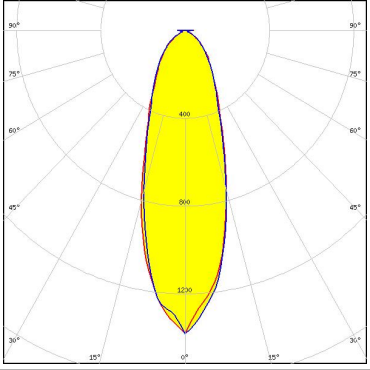

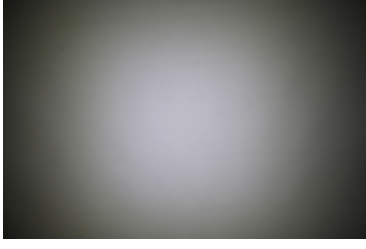
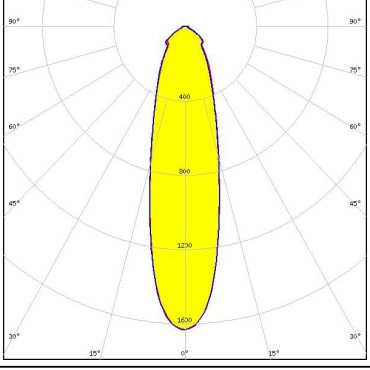

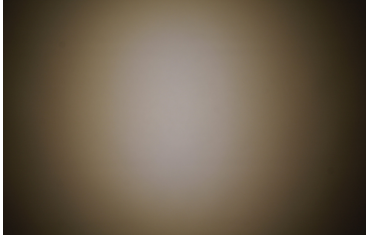
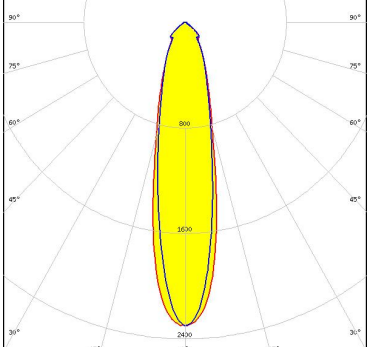


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADELLA-8-HB-S	Lens array	PMMA	clear



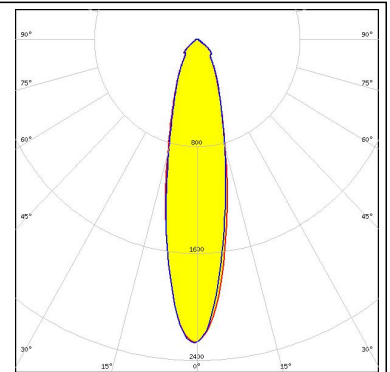
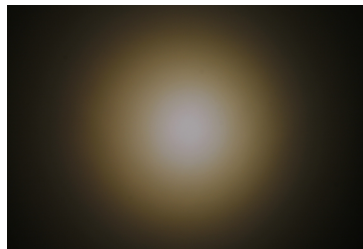
#### PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED QUICK FLUX XT 2x8 xxx STRDLL G5</p> <p>FWHM 31.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 1.500 cd/lm</p> <p>Required components:</p>		
<p></p> <p>LED XP-G3</p> <p>FWHM 34.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.300 cd/lm</p> <p>Required components:</p>		
<p></p> <p>LED XT-E</p> <p>FWHM 28.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.600 cd/lm</p> <p>Required components:</p>		
<p></p> <p>LED LUXEON 3030 2D (Round LES)</p> <p>FWHM 23.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 2.300 cd/lm</p> <p>Required components:</p>		

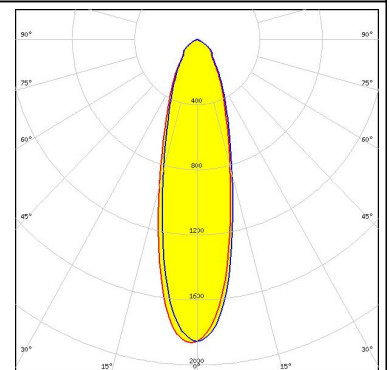
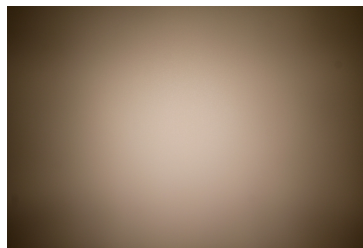
#### PHOTOMETRIC DATA (MEASURED):



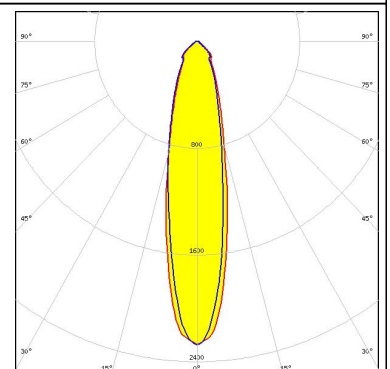
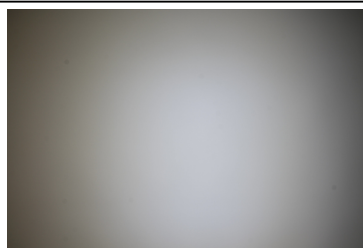
LED LUXEON 3535L  
 FWHM 24.0°  
 Efficiency 94 %  
 Peak intensity 2.300 cd/lm  
 Required components:



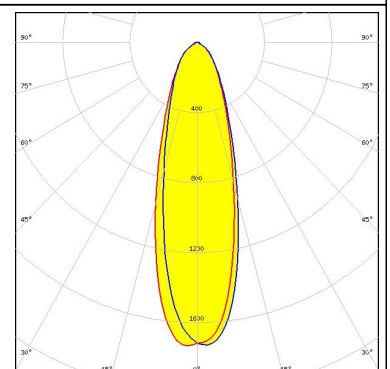
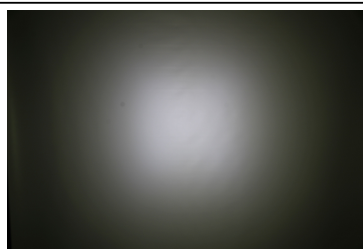
LED LUXEON TX  
 FWHM 29.0°  
 Efficiency 94 %  
 Peak intensity 1.900 cd/lm  
 Required components:



LED Duris S5 (2 chip)  
 FWHM 23.0°  
 Efficiency 93 %  
 Peak intensity 2.300 cd/lm  
 Required components:



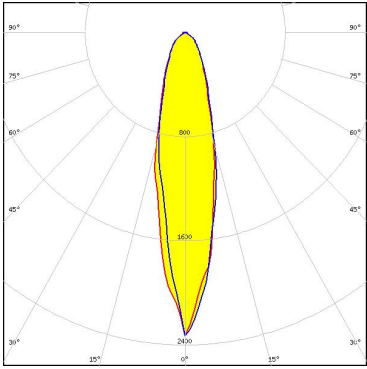
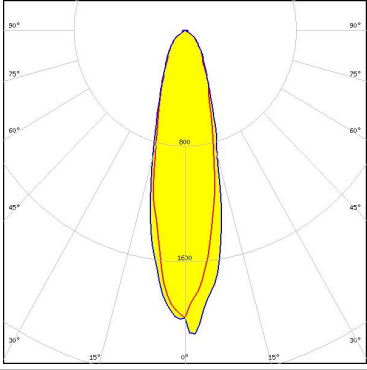
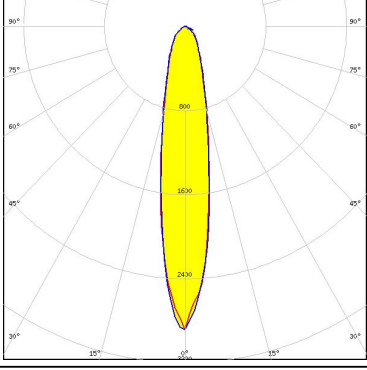
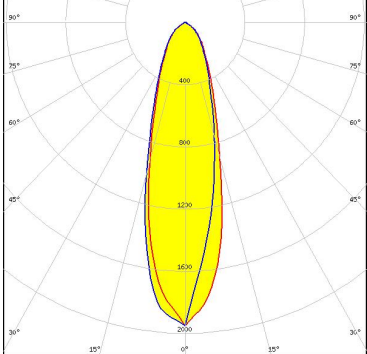
LED Oslon Square Gen3  
 FWHM 27.0°  
 Efficiency 94 %  
 Peak intensity 1.800 cd/lm  
 Required components:




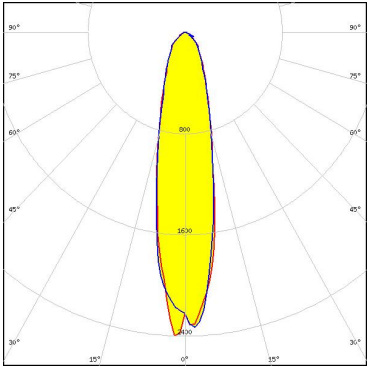

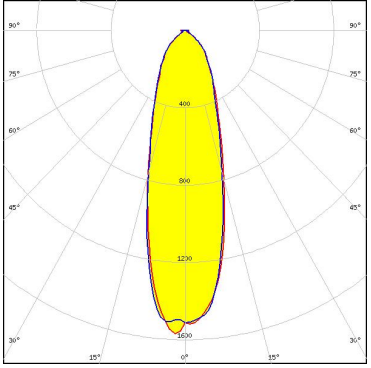

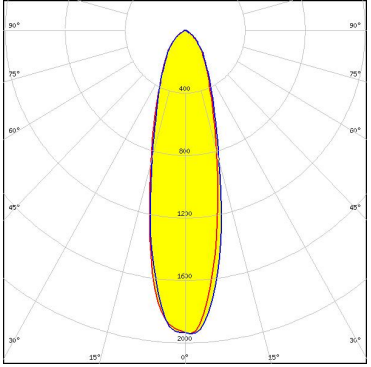

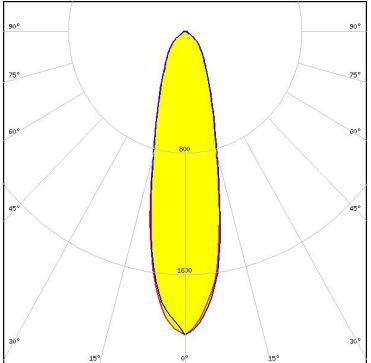
#### PHOTOMETRIC DATA (MEASURED):



#### PHOTOMETRIC DATA (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED: LUXEON 3535L HE</p> <p>FWHM: 20.0°</p> <p>Efficiency: 90 %</p> <p>Peak intensity: 2.300 cd/lm</p> <p>Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON HR30</p> <p>FWHM: 26.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 2.100 cd/lm</p> <p>Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NCSxE17A</p> <p>FWHM: 19.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 2.900 cd/lm</p> <p>Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NF2x757G</p> <p>FWHM: 29.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 1.950 cd/lm</p> <p>Required components:</p>	

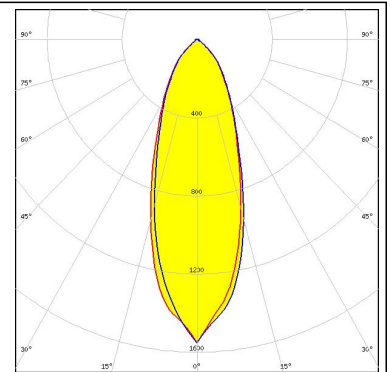
#### PHOTOMETRIC DATA (SIMULATED):

 LED NVSxE21A FWHM 22.0° Efficiency 94 % Peak intensity 2.400 cd/lm Required components:	
 LED NVSxx19B/NVSxx19C FWHM 30.0° Efficiency 88 % Peak intensity 1.590 cd/lm Required components:	
 LED OSCONIQ P 3737 (2W version) FWHM 28.0° Efficiency 94 % Peak intensity 1.950 cd/lm Required components:	
 LED LH181B FWHM 27.0° Efficiency 94 % Peak intensity 2.000 cd/lm Required components:	

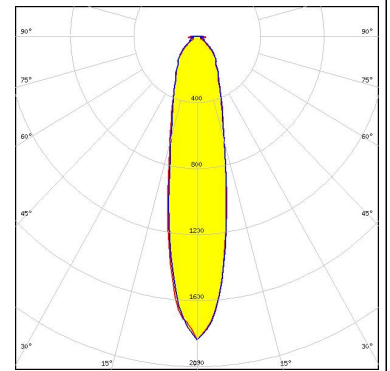
#### PHOTOMETRIC DATA (SIMULATED):

#### SAMSUNG

LED LH351C  
FWHM 35.0°  
Efficiency 93 %  
Peak intensity 1.600 cd/lm  
Required components:



LED Z8Y19  
FWHM 23.0°  
Efficiency 92 %  
Peak intensity 1.800 cd/lm  
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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