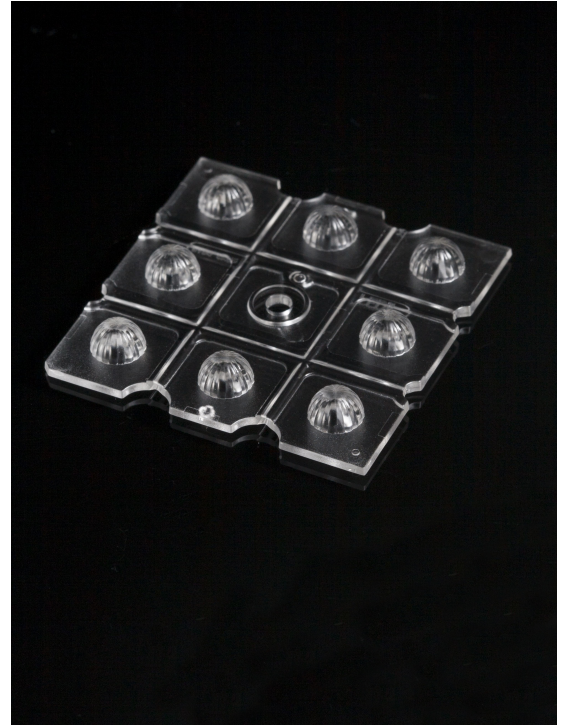


## STRADELLA-8-HB-M

~60° medium beam for industrial applications

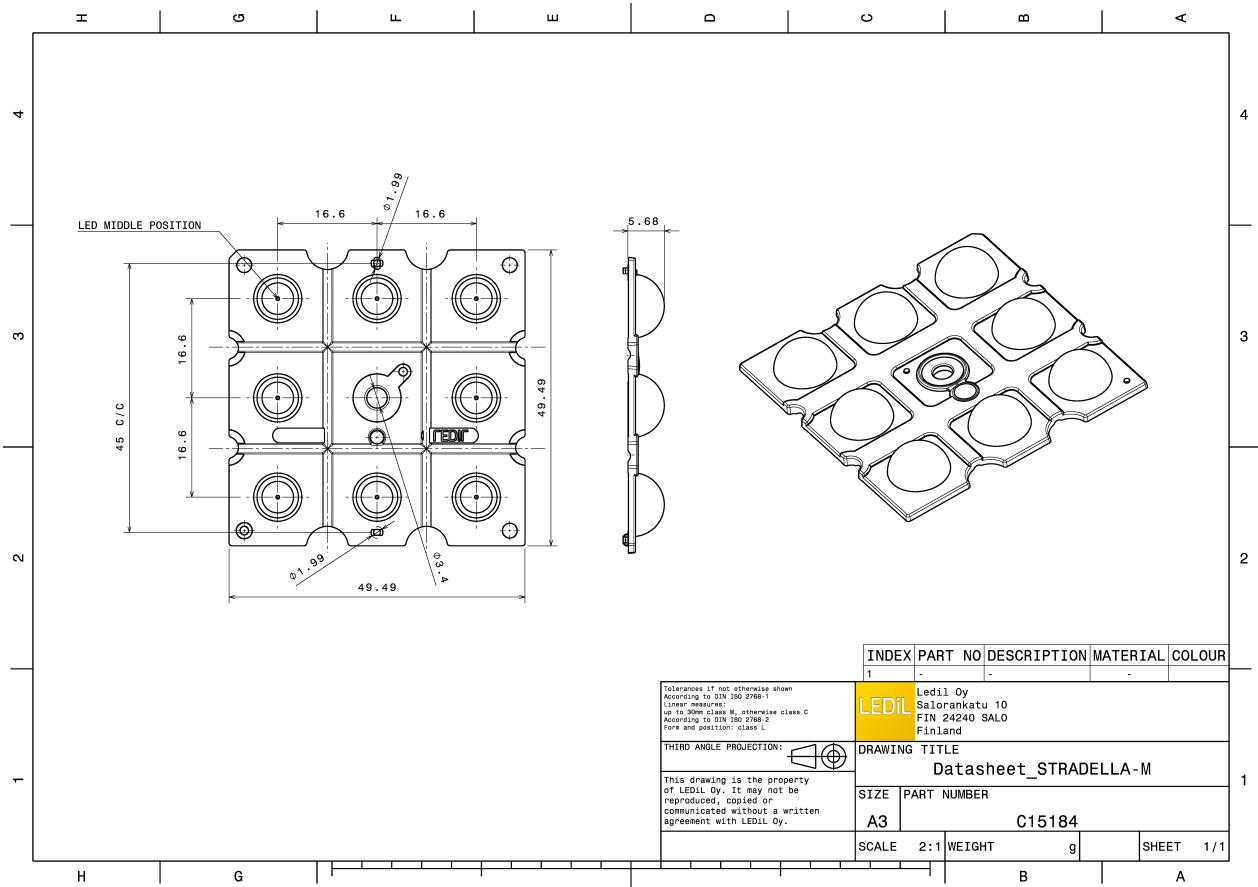
### TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	5.7 mm
Fastening	pin, screw
Colour	clear
Box size	
Box weight	4.3 kg
Quantity in Box	pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

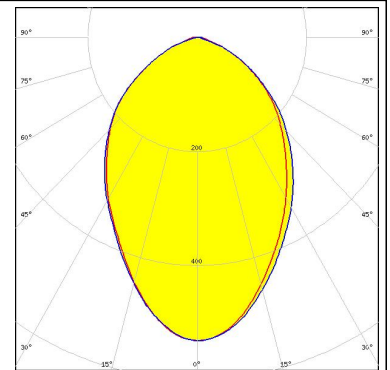
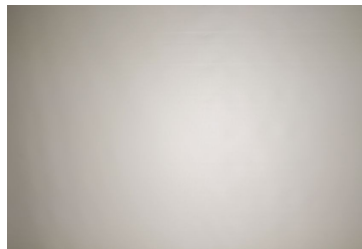
Component	Type	Material	Colour
STRADELLA-8-HB-M	Lens array	PMMA	clear



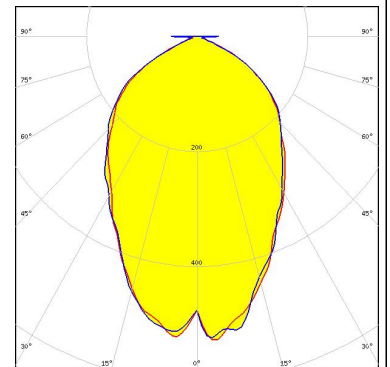
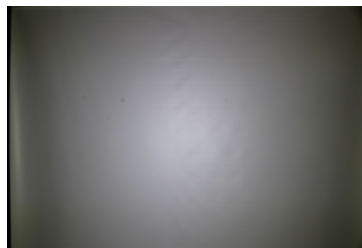
#### PHOTOMETRIC DATA (MEASURED):



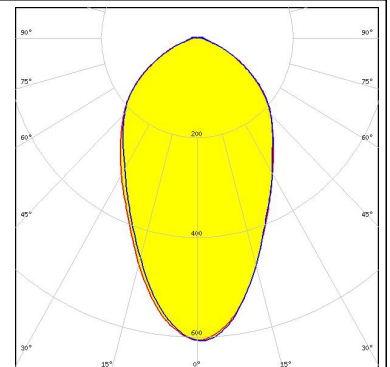
LED QUICK FLUX XT 2x8 xxx STRDLL G5  
 FWHM 78.0°  
 Efficiency 94 %  
 Peak intensity 0.960 cd/lm  
 Required components:



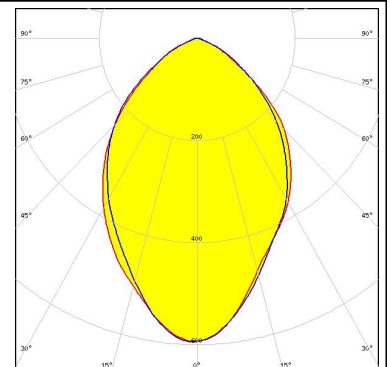
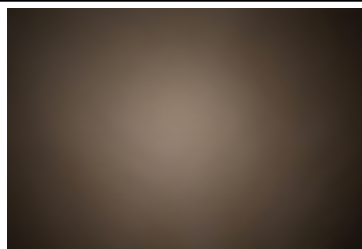
LED XP-G3  
 FWHM 94.0°  
 Efficiency 94 %  
 Peak intensity 0.460 cd/lm  
 Required components:



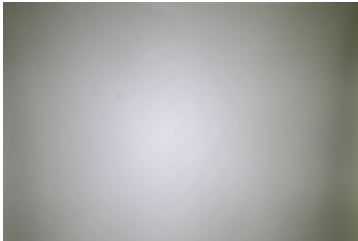
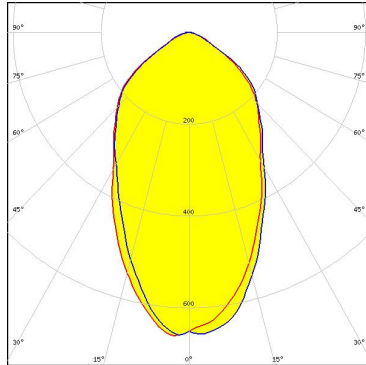
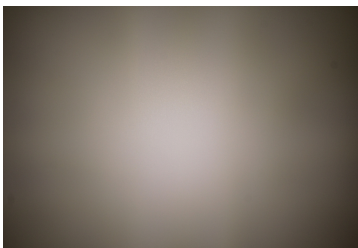
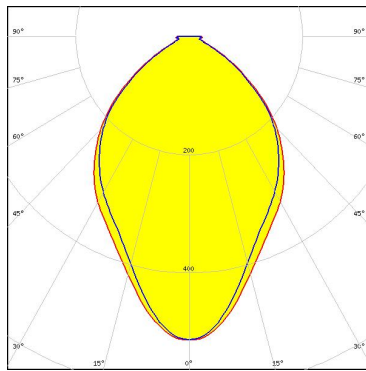

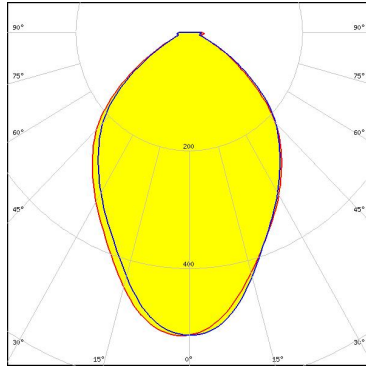
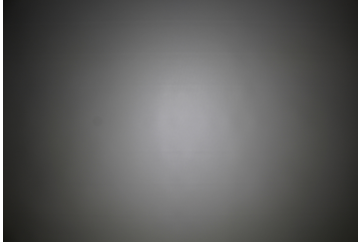
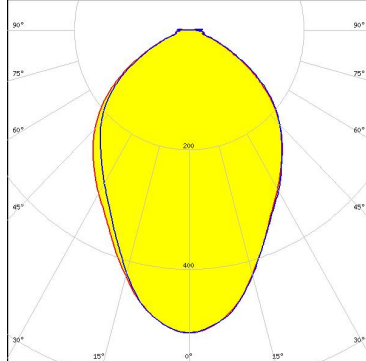
LED XT-E  
 FWHM 62.0°  
 Efficiency 94 %  
 Peak intensity 0.610 cd/lm  
 Required components:



LED LUXEON 3030 2D (Round LES)  
 FWHM 79.0°  
 Efficiency 94 %  
 Peak intensity 0.600 cd/lm  
 Required components:



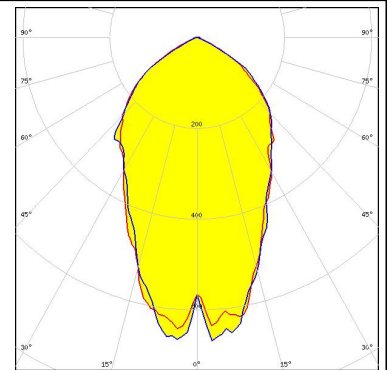
#### PHOTOMETRIC DATA (MEASURED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED            Oslon Square Gen3 FWHM         86.0° Efficiency     94 % Peak intensity 0.520 cd/lm Required components:</p>		
<p><b>SEOL</b> SEOUL SEMICONDUCTOR</p> <p>LED            Z8Y19 FWHM         80.0° Efficiency     91 % Peak intensity 0.510 cd/lm Required components:</p>		
<p><b>SEOL</b> SEOUL SEMICONDUCTOR</p> <p>LED            Z8Y22 FWHM         81.0° Efficiency     91 % Peak intensity 0.510 cd/lm Required components:</p>		
<p><b>SEOL</b> SEOUL SEMICONDUCTOR</p> <p>LED            Z8Y22P FWHM         79.0° Efficiency     94 % Peak intensity 0.510 cd/lm Required components:</p>		

#### PHOTOMETRIC DATA (SIMULATED):

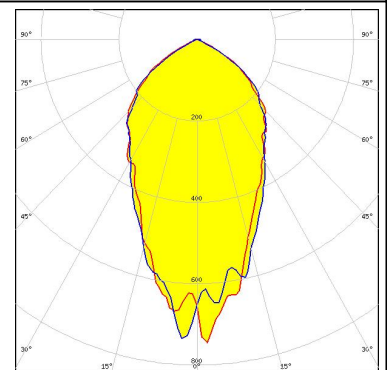
##### LUMILEDS

LED LUXEON 3535L HE  
FWHM 52.0°  
Efficiency 93 %  
Peak intensity 0.730 cd/lm  
Required components:



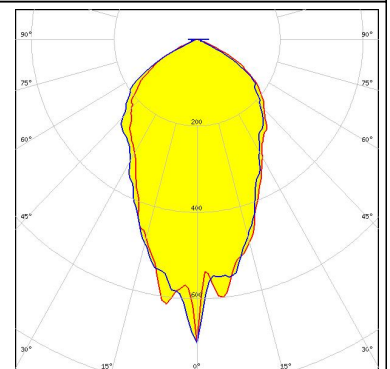
##### LUMILEDS

LED LUXEON HR30  
FWHM 54.0°  
Efficiency 93 %  
Peak intensity 0.750 cd/lm  
Required components:



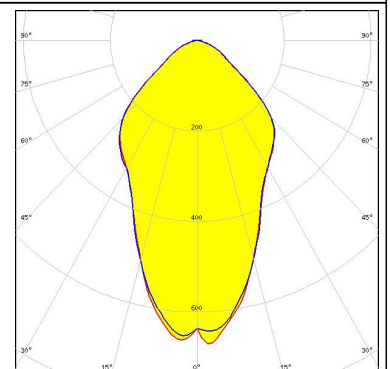
##### LUMILEDS

LED LUXEON TX  
FWHM 61.0°  
Efficiency 94 %  
Peak intensity 0.620 cd/lm  
Required components:



##### NICHIA

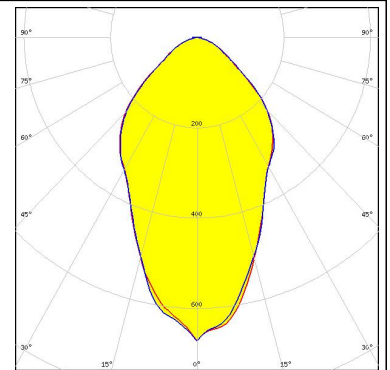
LED NCSxE17A  
FWHM 57.0°  
Efficiency 93 %  
Peak intensity 0.670 cd/lm  
Required components:



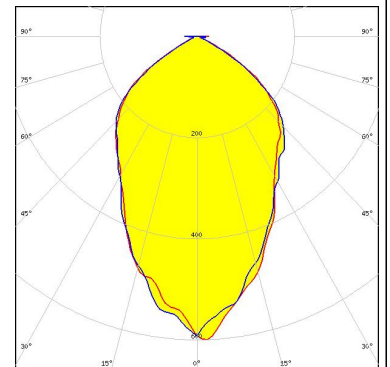
#### PHOTOMETRIC DATA (SIMULATED):



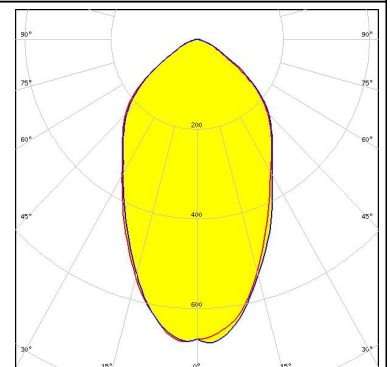
LED NVSxE21A  
FWHM 59.0°  
Efficiency 93 %  
Peak intensity 0.670 cd/lm  
Required components:



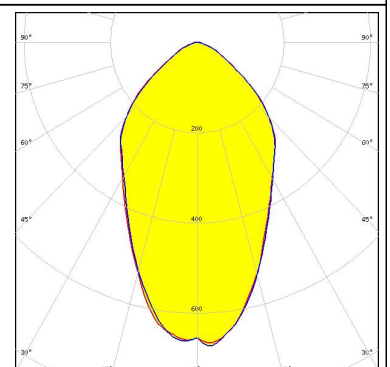
LED NVSxx19B/NVSxx19C  
FWHM 65.0°  
Efficiency 91 %  
Peak intensity 0.630 cd/lm  
Required components:



LED OSCONIQ P 3737 (2W version)  
FWHM 61.0°  
Efficiency 94 %  
Peak intensity 0.680 cd/lm  
Required components:



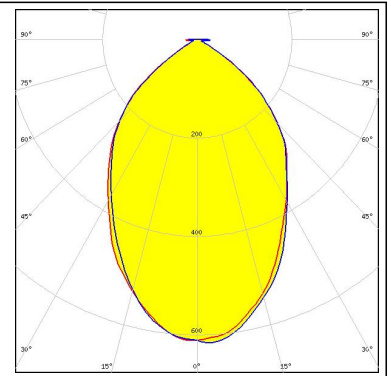
LED LH181B  
FWHM 62.0°  
Efficiency 94 %  
Peak intensity 0.680 cd/lm  
Required components:



### PHOTOMETRIC DATA (SIMULATED):

#### SAMSUNG

LED LH351C  
FWHM 74.0°  
Efficiency 94 %  
Peak intensity 0.620 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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