

## STRADELLA-16-HB-S

~25° spot beam for industrial applications

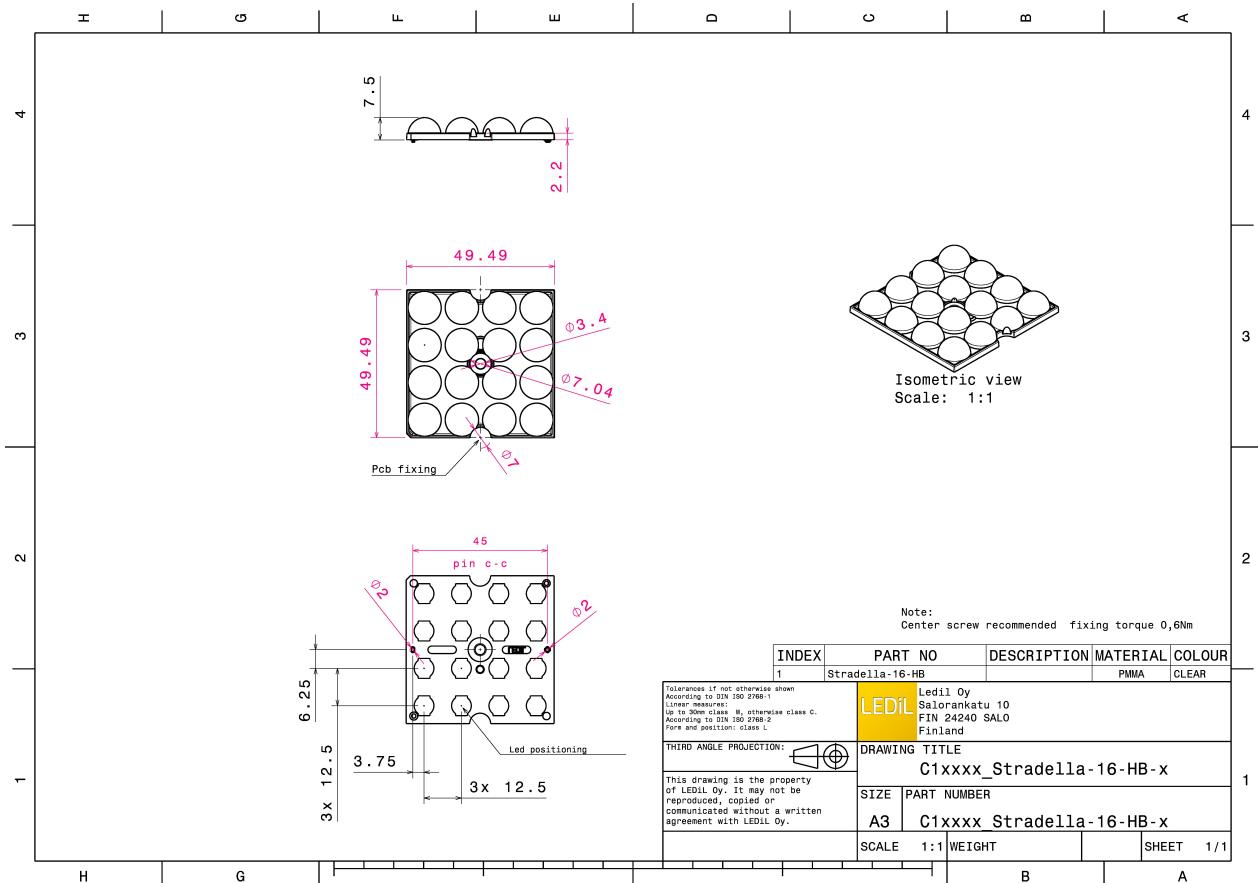
### TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	7.5 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.3 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

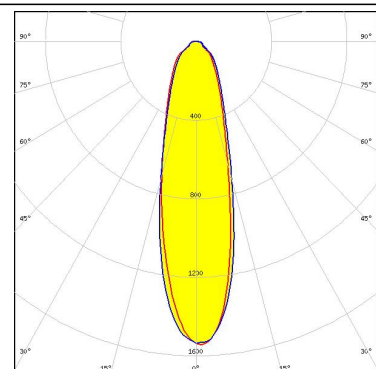
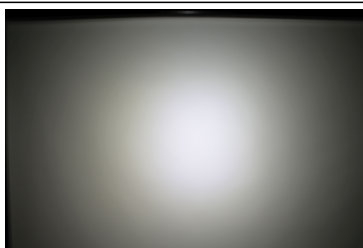
Component	Type	Material	Colour
STRADELLA-16-HB-S	Multi-lens	PMMA	clear



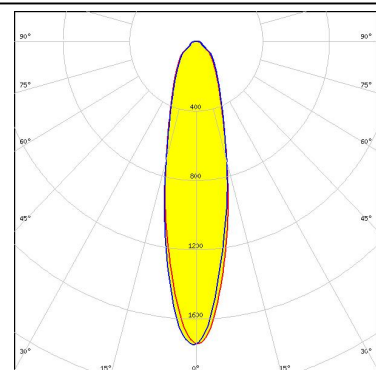
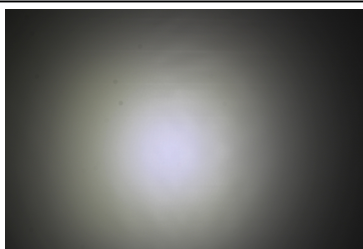
#### PHOTOMETRIC DATA (MEASURED):



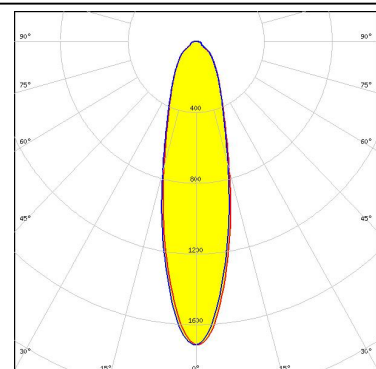
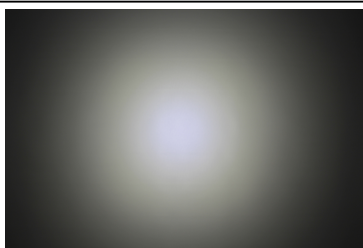
LED LG 3030  
FWHM 28.0°  
Efficiency 90 %  
Peak intensity 1.500 cd/lm  
Required components:



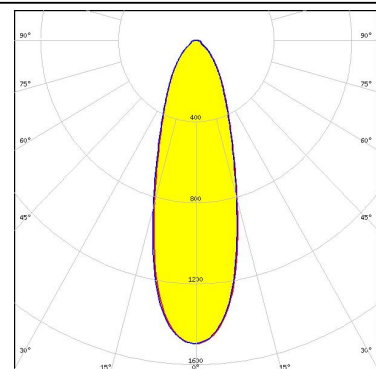
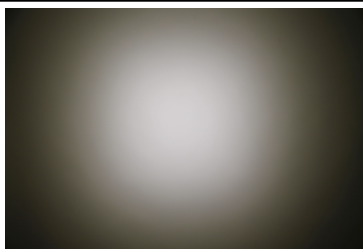
LED NFSx757D  
FWHM 25.0°  
Efficiency 90 %  
Peak intensity 1.700 cd/lm  
Required components:



LED NFSx757G  
FWHM 27.0°  
Efficiency 93 %  
Peak intensity 1.700 cd/lm  
Required components:



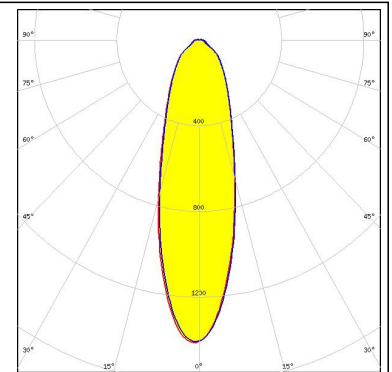
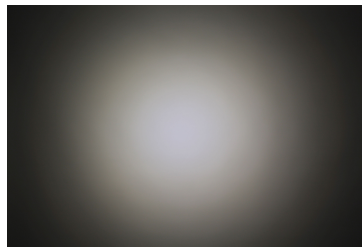
LED NVSW219D / NVSW219F  
FWHM 32.0°  
Efficiency 93 %  
Peak intensity 1.500 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

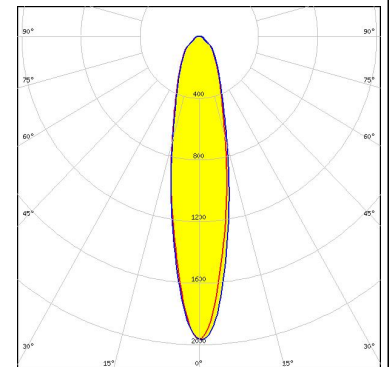
#### OSRAM

LED PrevaLED Brick DC 4x16  
FWHM 30.0°  
Efficiency 92 %  
Peak intensity 1.400 cd/lm  
Required components:



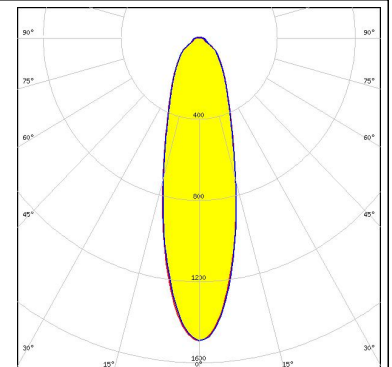
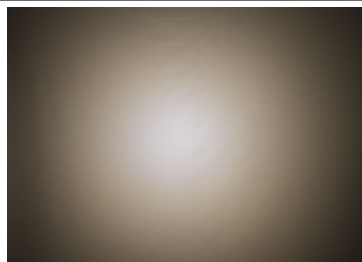
#### OSRAM

LED Duris S5 (Single chip)  
FWHM 23.0°  
Efficiency 90 %  
Peak intensity 2.000 cd/lm  
Required components:



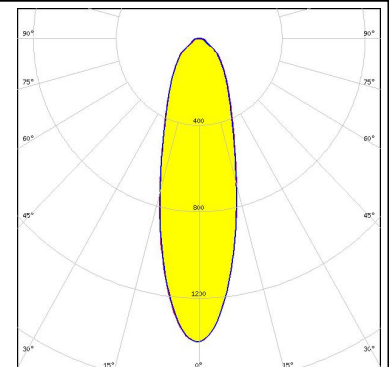
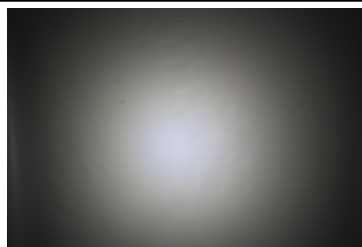
#### PHILIPS

LED Fortimo FastFlex LED 4x16 DHE G4  
FWHM 29.0°  
Efficiency 92 %  
Peak intensity 1.500 cd/lm  
Required components:



#### SAMSUNG

LED HiLOM RM64 (LM301B)  
FWHM 30.0°  
Efficiency 93 %  
Peak intensity 1.400 cd/lm  
Required components:

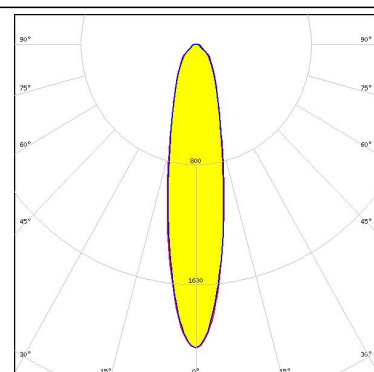
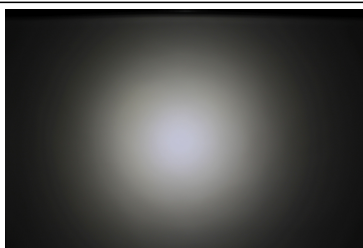




#### PHOTOMETRIC DATA (MEASURED):

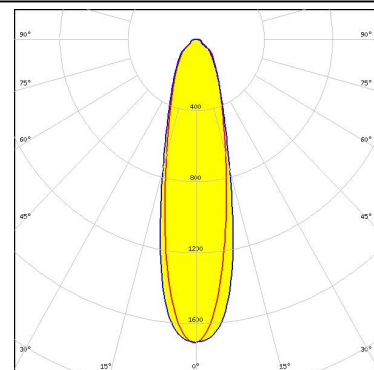
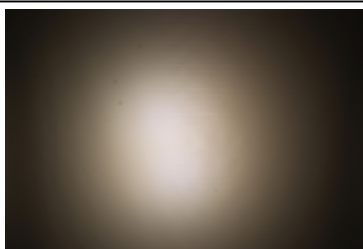
#### SAMSUNG

LED LM231 A/B  
FWHM 22.0°  
Efficiency 91 %  
Peak intensity 2.000 cd/lm  
Required components:



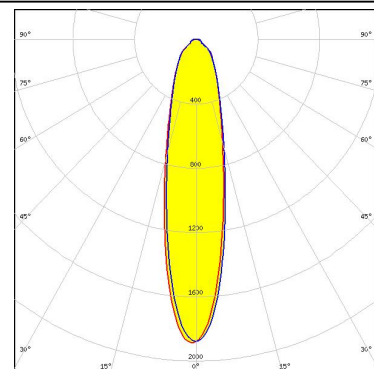
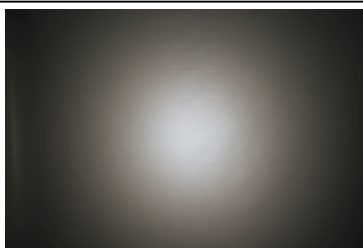
SEOUL SEMICONDUCTOR

LED SEOUL 3030  
FWHM 26.0°  
Efficiency 90 %  
Peak intensity 1.700 cd/lm  
Required components:



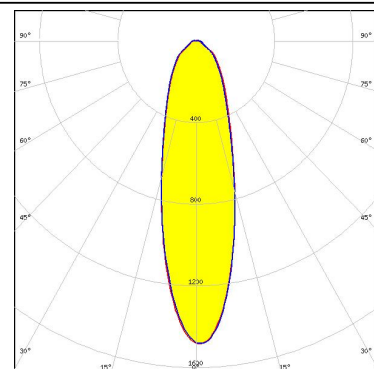
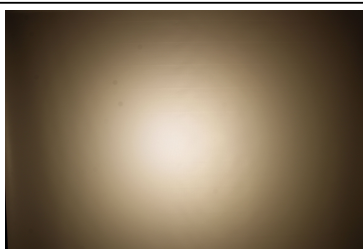
SEOUL SEMICONDUCTOR

LED SunLike 3030  
FWHM 24.0°  
Efficiency 94 %  
Peak intensity 1.900 cd/lm  
Required components:



#### TRIDONIC

LED RLE 4x16 4000lm MP ADV2 OTD  
FWHM 29.0°  
Efficiency 93 %  
Peak intensity 1.500 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

##### TRIDONIC

LED RLE 4x8 2000lm MP ADV2 OTD

FWHM 29.0°

Efficiency 93 %

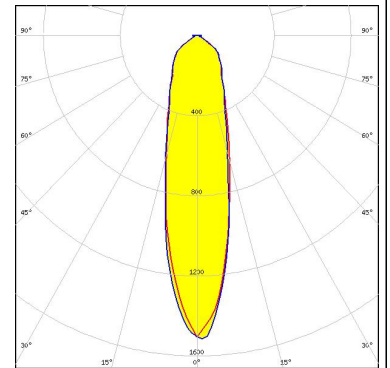
Peak intensity 1.500 cd/lm

Required components:

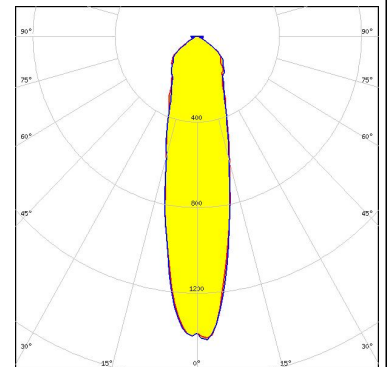
#### PHOTOMETRIC DATA (SIMULATED):



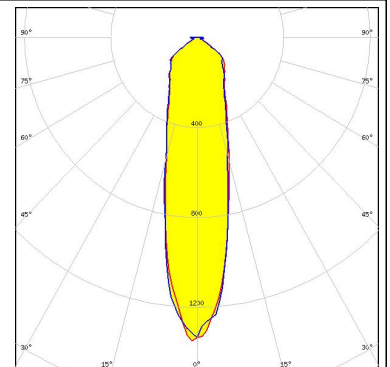
LED LUXEON C  
FWHM 25.0°  
Efficiency 91 %  
Peak intensity 1.500 cd/lm  
Required components:



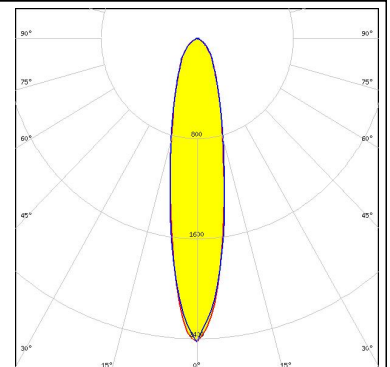
LED LUXEON C  
FWHM 25.0°  
Efficiency 91 %  
Peak intensity 1.400 cd/lm  
Required components:



LED LUXEON C  
FWHM 25.0°  
Efficiency 90 %  
Peak intensity 1.400 cd/lm  
Required components:



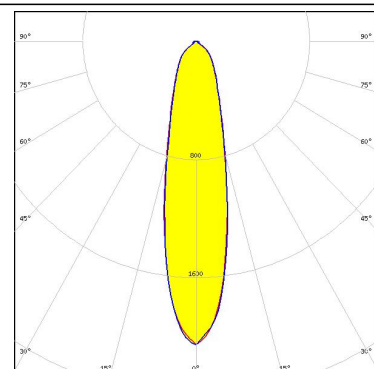
LED LUXEON CZ  
FWHM 22.0°  
Efficiency 94 %  
Peak intensity 2.400 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

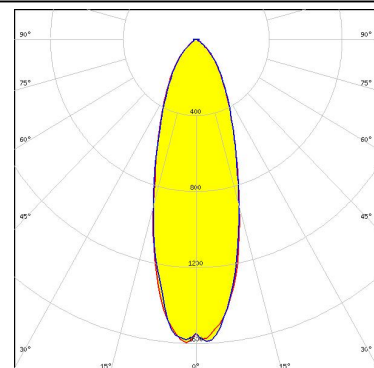


LED NVSxE21A  
FWHM 25.0°  
Efficiency 92 %  
Peak intensity 2.100 cd/lm  
Required components:



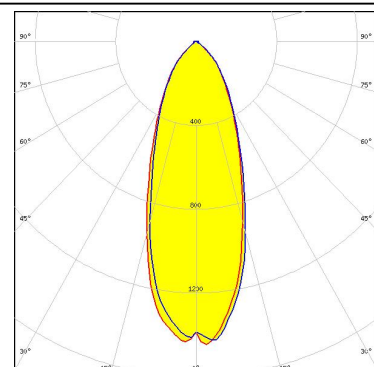
#### SAMSUNG

LED LH351B  
FWHM 33.0°  
Efficiency 94 %  
Peak intensity 1.627 cd/lm  
Required components:



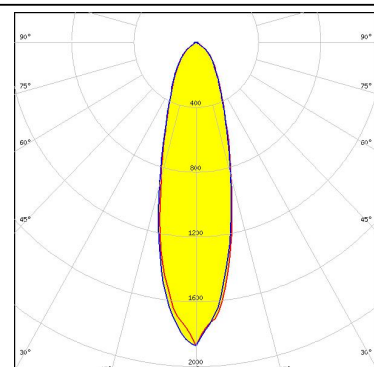
#### SAMSUNG

LED LH351C  
FWHM 37.0°  
Efficiency 94 %  
Peak intensity 1.471 cd/lm  
Required components:

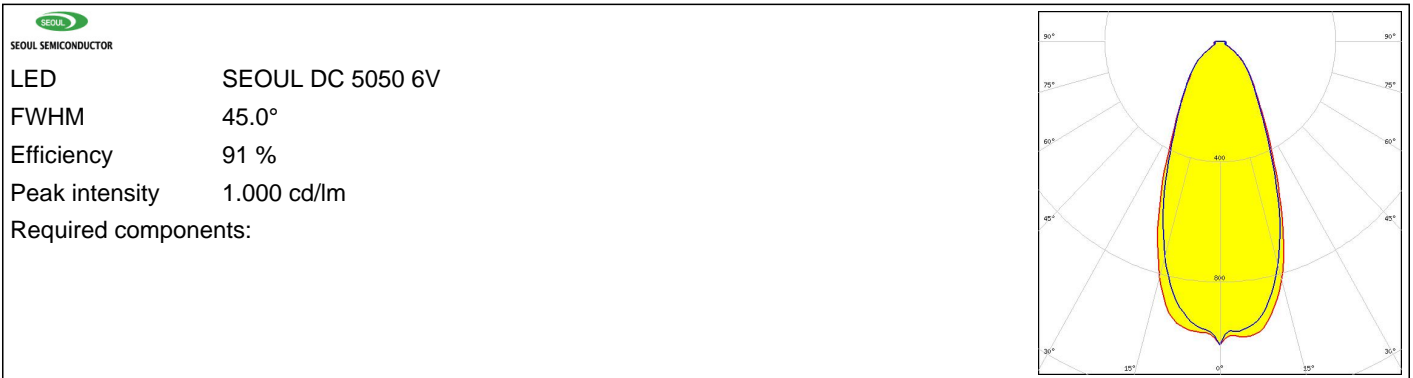


#### SAMSUNG

LED LM301B  
FWHM 27.0°  
Efficiency 93 %  
Peak intensity 1.870 cd/lm  
Required components:



### PHOTOMETRIC DATA (SIMULATED):



#### 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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