

STRADELLA-16-HB-S

~25° spot beam for industrial applications

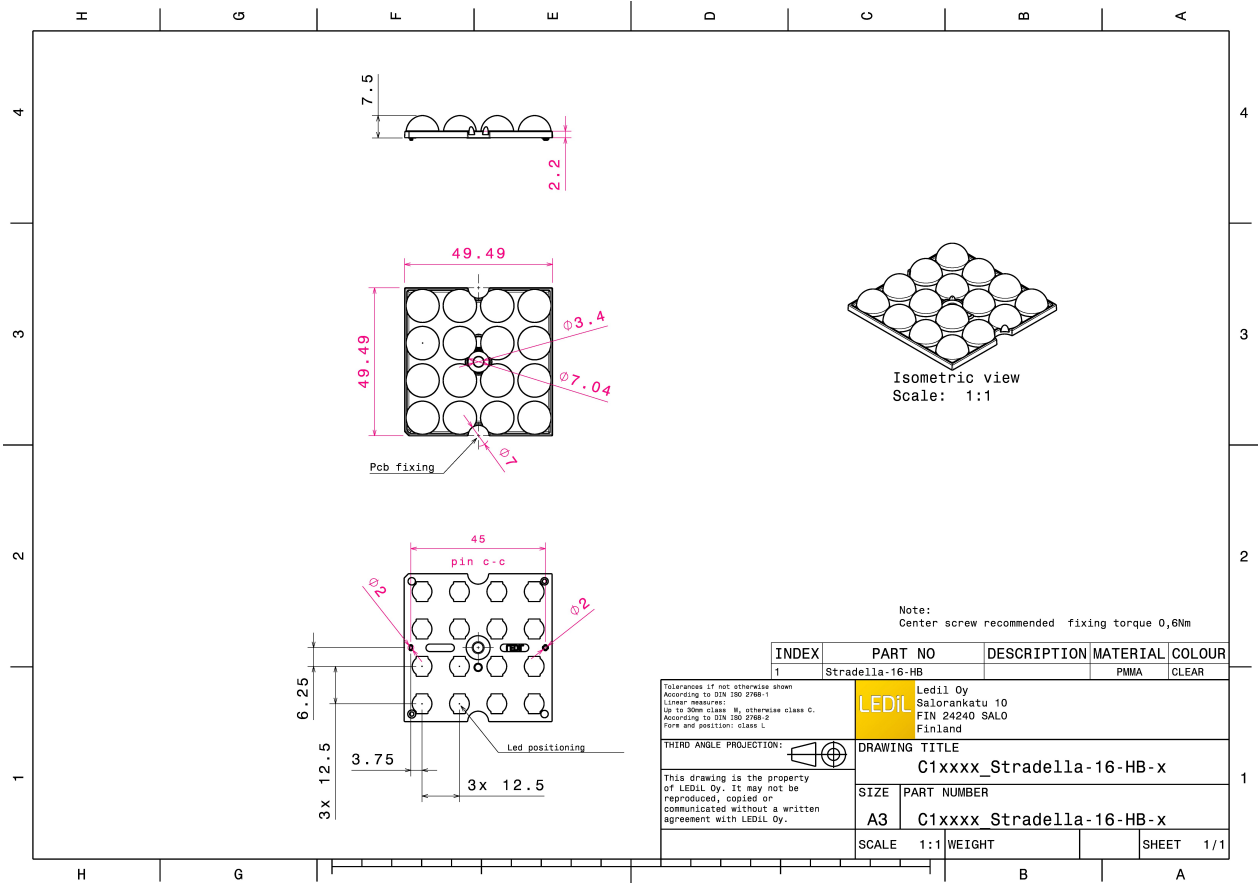
TECHNICAL SPECIFICATIONS:

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:

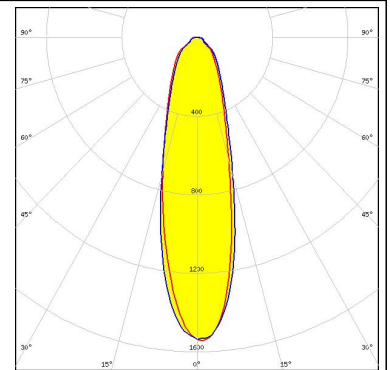
Component	Type	Material	Colour
STRADELLA-16-HB-S	Lens array	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

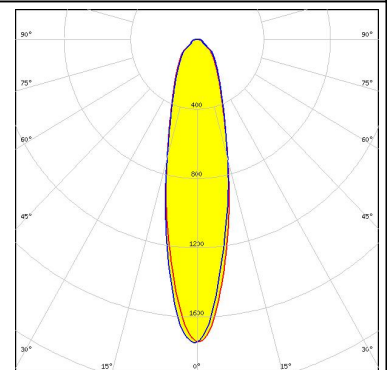
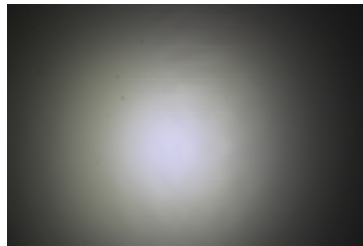
LG Innotek

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



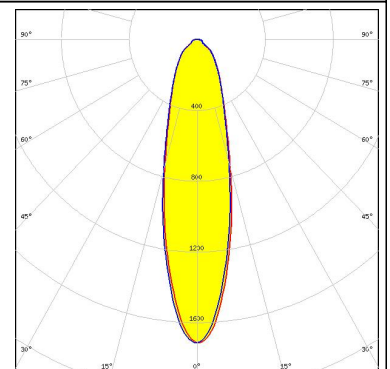
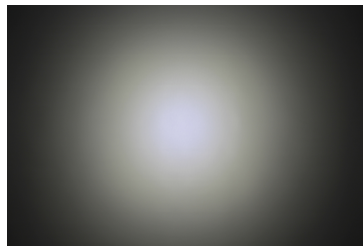
NICHIA

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



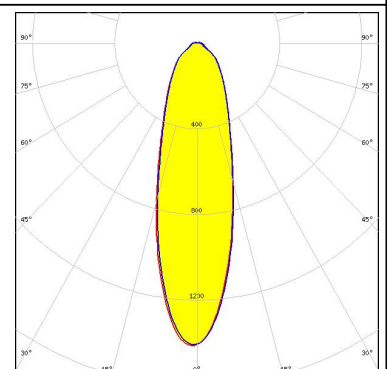
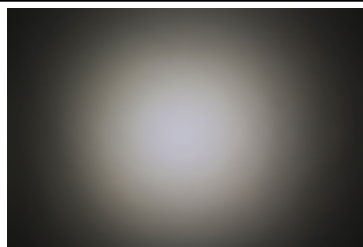
NICHIA

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



OSRAM

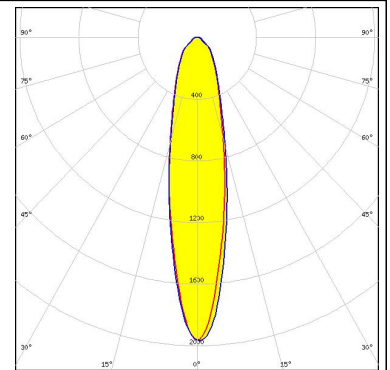
LED PrevaLED Brick DC 4x16
FWHM 30.0°
Efficiency 92 %
Peak intensity 1.400 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

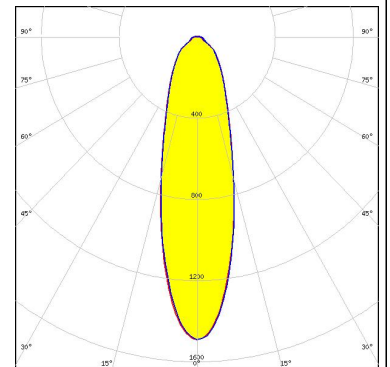
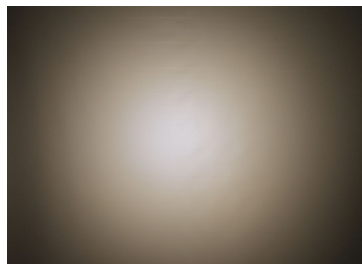
OSRAM
Opto Semiconductors

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



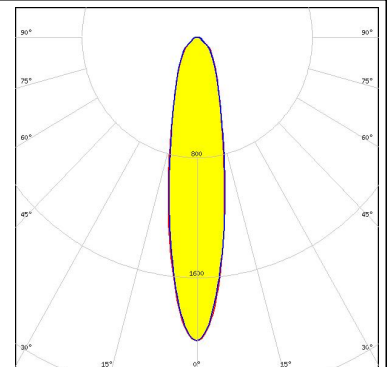
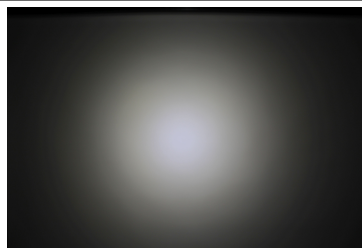
PHILIPS

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



SAMSUNG

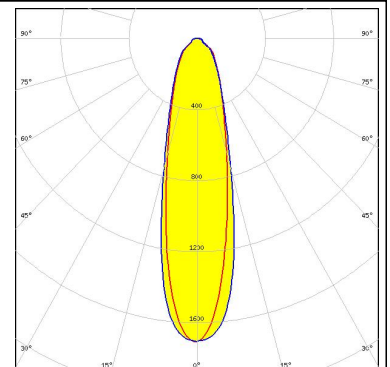
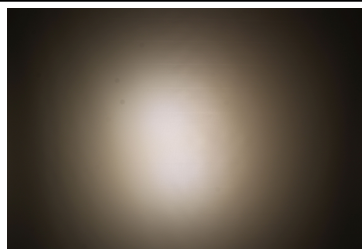
LED LM231 A/B
FWHM 22.0°
Efficiency 91 %
Peak intensity 2.000 cd/lm
Required components:





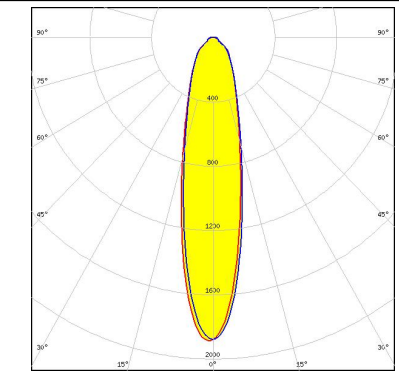
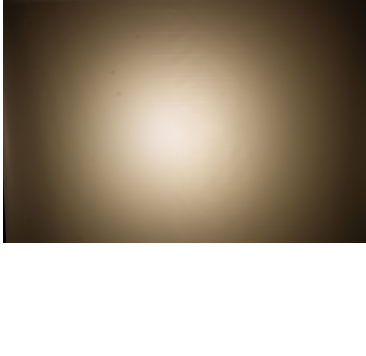
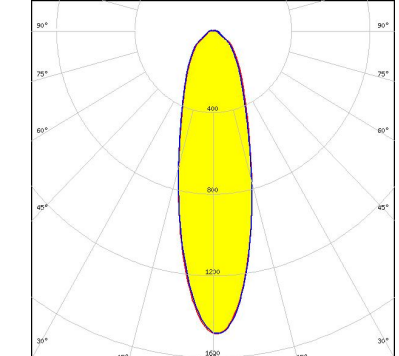
SEOUL

SEOUL SEMICONDUCTOR

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



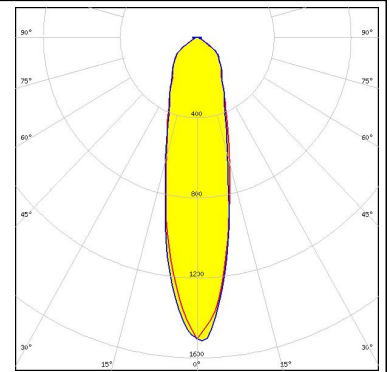
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SunLike 3030 FWHM 24.0° Efficiency 94 % Peak intensity 1.900 cd/lm Required components:</p>		
<p>TRIDONIC</p> <p>LED RLE G2 MP 4x16 4000lm FWHM 29.0° Efficiency 93 % Peak intensity 1.500 cd/lm Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

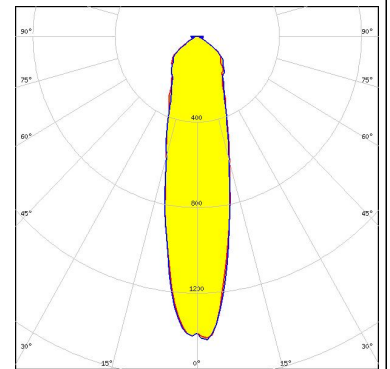
LUMILEDS

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



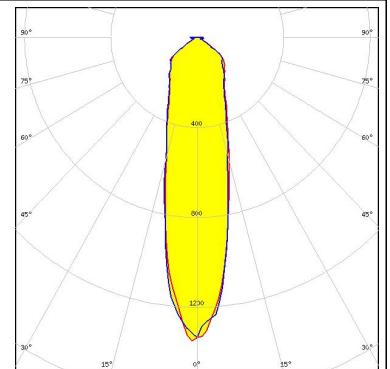
LUMILEDS

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



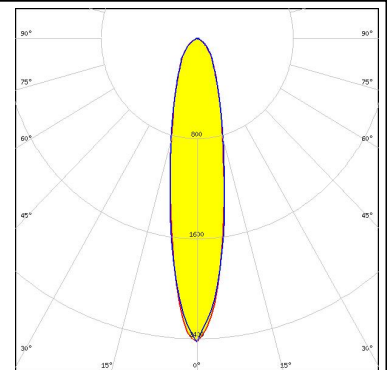
LUMILEDS

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



LUMILEDS

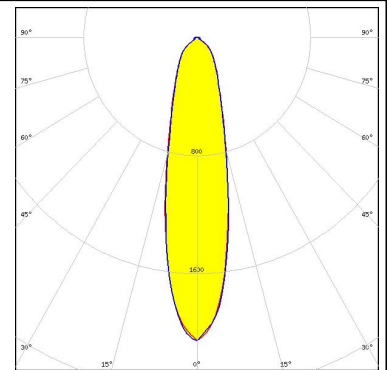
LED LUXEON CZ
 FWHM 22.0°
 Efficiency 94 %
 Peak intensity 2.400 cd/lm
 Required components:



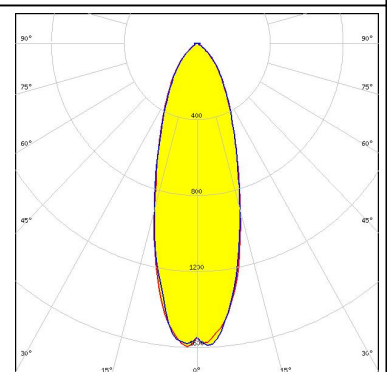
PHOTOMETRIC DATA (SIMULATED):



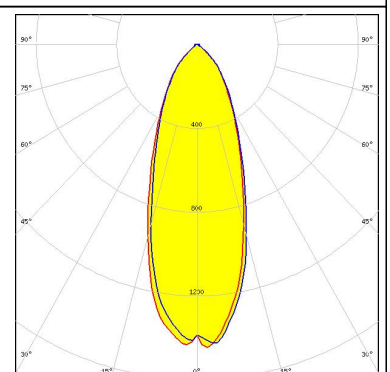
LED NVSxE21A
 FWHM 25.0°
 Efficiency 92 %
 Peak intensity 2.100 cd/lm
 Required components:



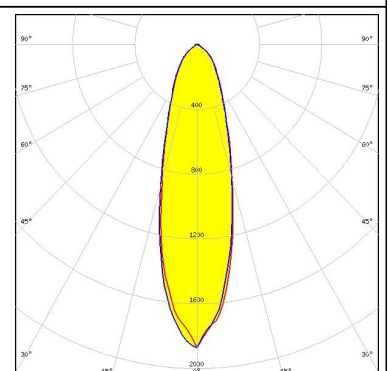
LED LH351B
 FWHM 33.0°
 Efficiency 94 %
 Peak intensity 1.627 cd/lm
 Required components:



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



LED LM301B
 FWHM 27.0°
 Efficiency 93 %
 Peak intensity 1.870 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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