

STRADELLA-16-HB-W

~90° wide beam for industrial applications

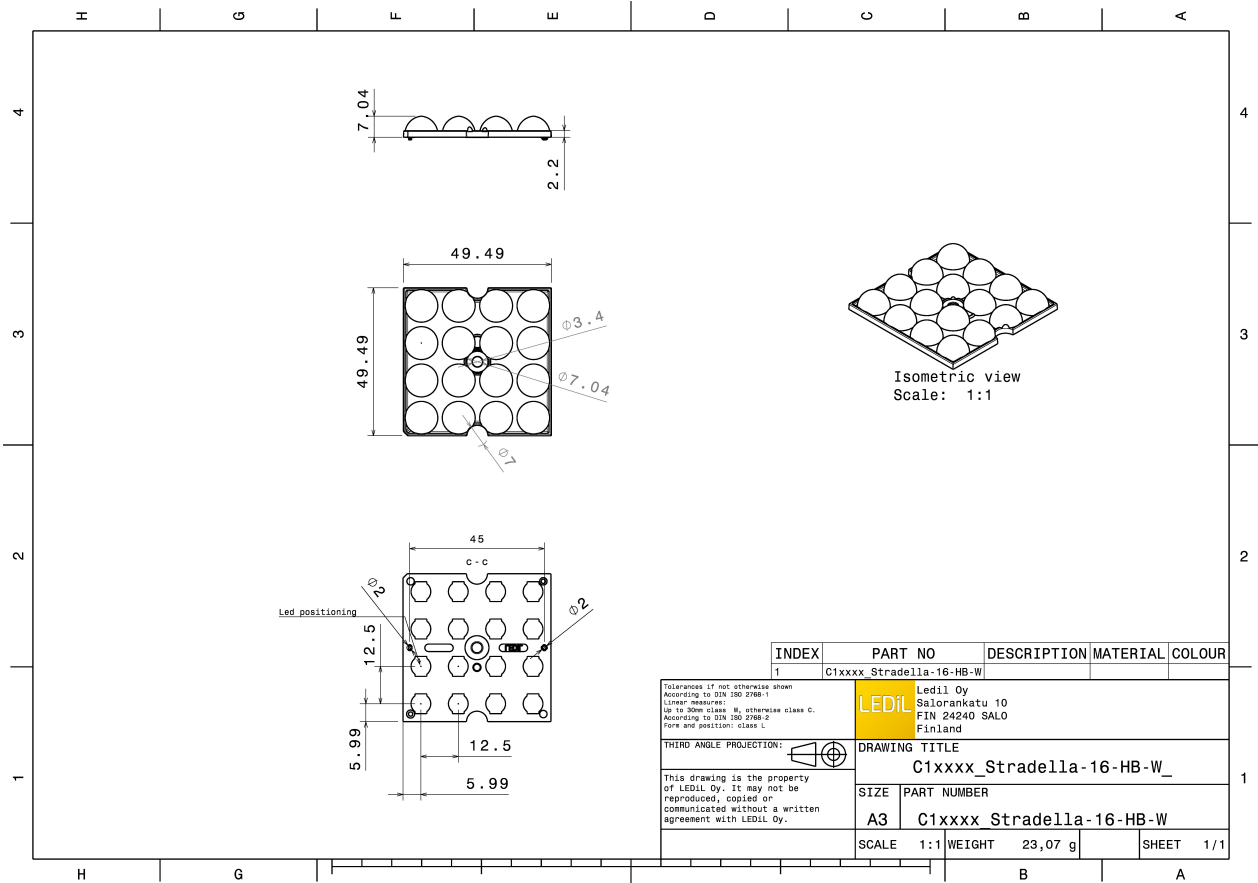
TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	7.1 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.6 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

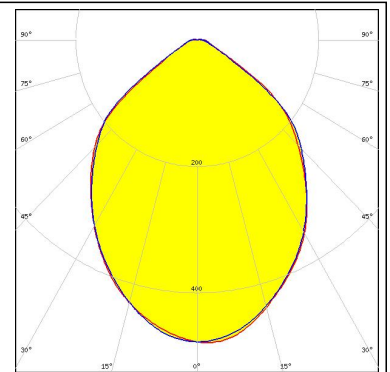
Component	Type	Material	Colour
STRADELLA-16-HB-W	Lens array	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

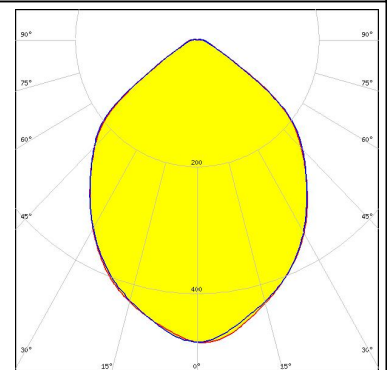
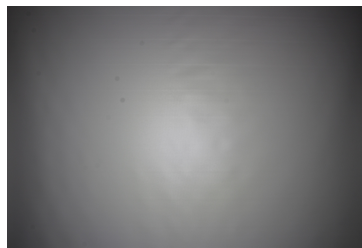
LG Innotek

LED LG 3030
 FWHM 89.0°
 Efficiency 94 %
 Peak intensity 0.480 cd/lm
 Required components:



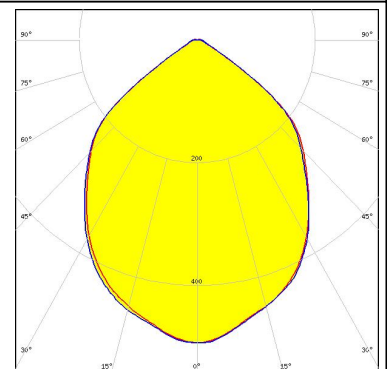
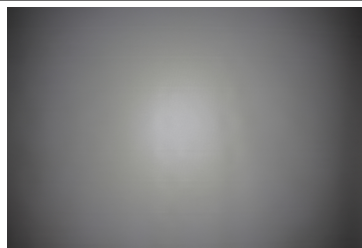
NICHIA

LED NFSx757D
 FWHM 91.0°
 Efficiency 94 %
 Peak intensity 0.480 cd/lm
 Required components:



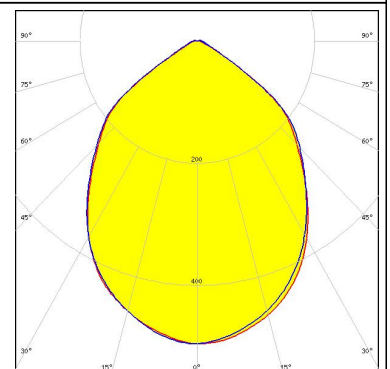
NICHIA

LED NFSx757G
 FWHM 92.0°
 Efficiency 94 %
 Peak intensity 0.490 cd/lm
 Required components:



OSRAM

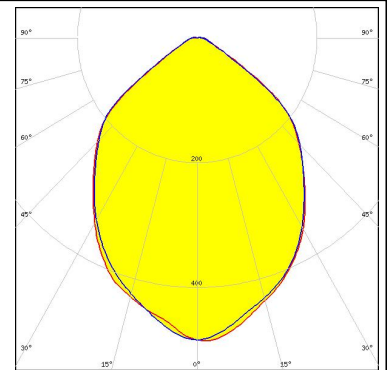
LED PrevaLED Brick DC 4x16
 FWHM 88.0°
 Efficiency 94 %
 Peak intensity 0.500 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

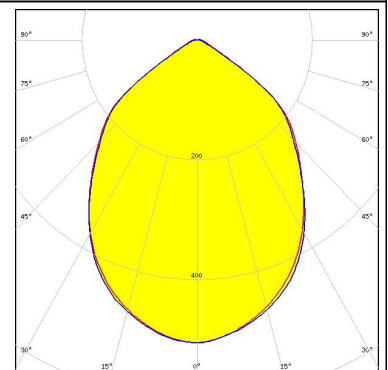
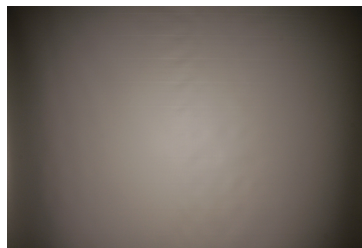
OSRAM
Opto Semiconductors

LED Duris S5 (Single chip)
FWHM 88.0°
Efficiency 93 %
Peak intensity 0.490 cd/lm
Required components:



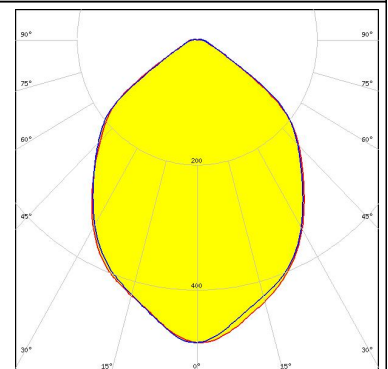
PHILIPS

LED Fortimo FastFlex LED 4x16 DHE G4
FWHM 87.0°
Efficiency 94 %
Peak intensity 0.510 cd/lm
Required components:



SAMSUNG

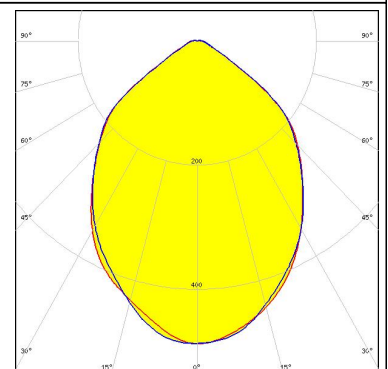
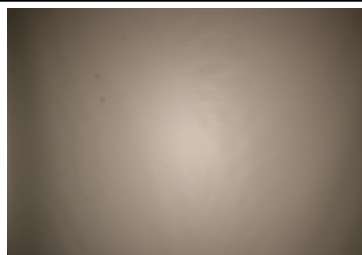
LED LM231 A/B
FWHM 88.0°
Efficiency 94 %
Peak intensity 0.480 cd/lm
Required components:




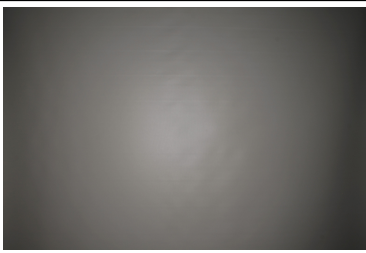
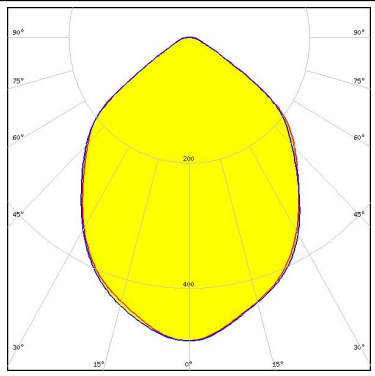

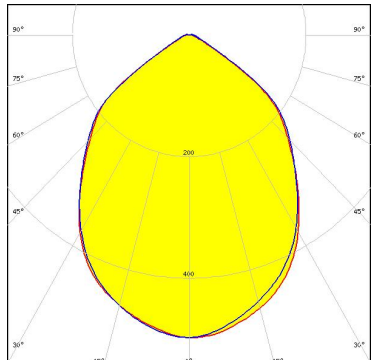
SEOUL

SEOUL SEMICONDUCTOR

LED SEOUL 3030
FWHM 87.0°
Efficiency 93 %
Peak intensity 0.490 cd/lm
Required components:



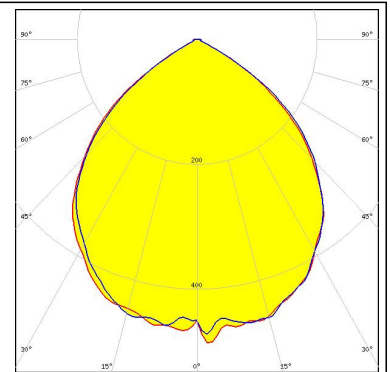
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SunLike 3030 FWHM 90.0° Efficiency 94 % Peak intensity 0.480 cd/lm Required components:</p>		
<p>TRIDONIC</p> <p>LED RLE G2 MP 4x16 4000lm FWHM 88.0° Efficiency 94 % Peak intensity 0.500 cd/lm Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

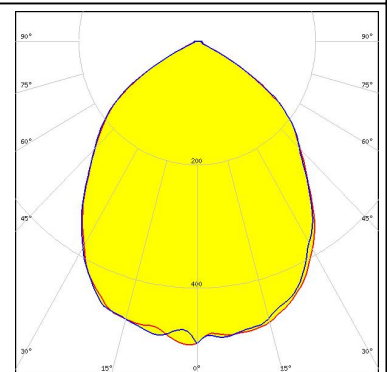
SAMSUNG

LED LH351C
FWHM 97.0°
Efficiency 94 %
Peak intensity 0.490 cd/lm
Required components:



SAMSUNG

LED LM301B
FWHM 90.0°
Efficiency 94 %
Peak intensity 0.500 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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