

## STRADELLA-16-HB-W

~90° wide beam for industrial applications

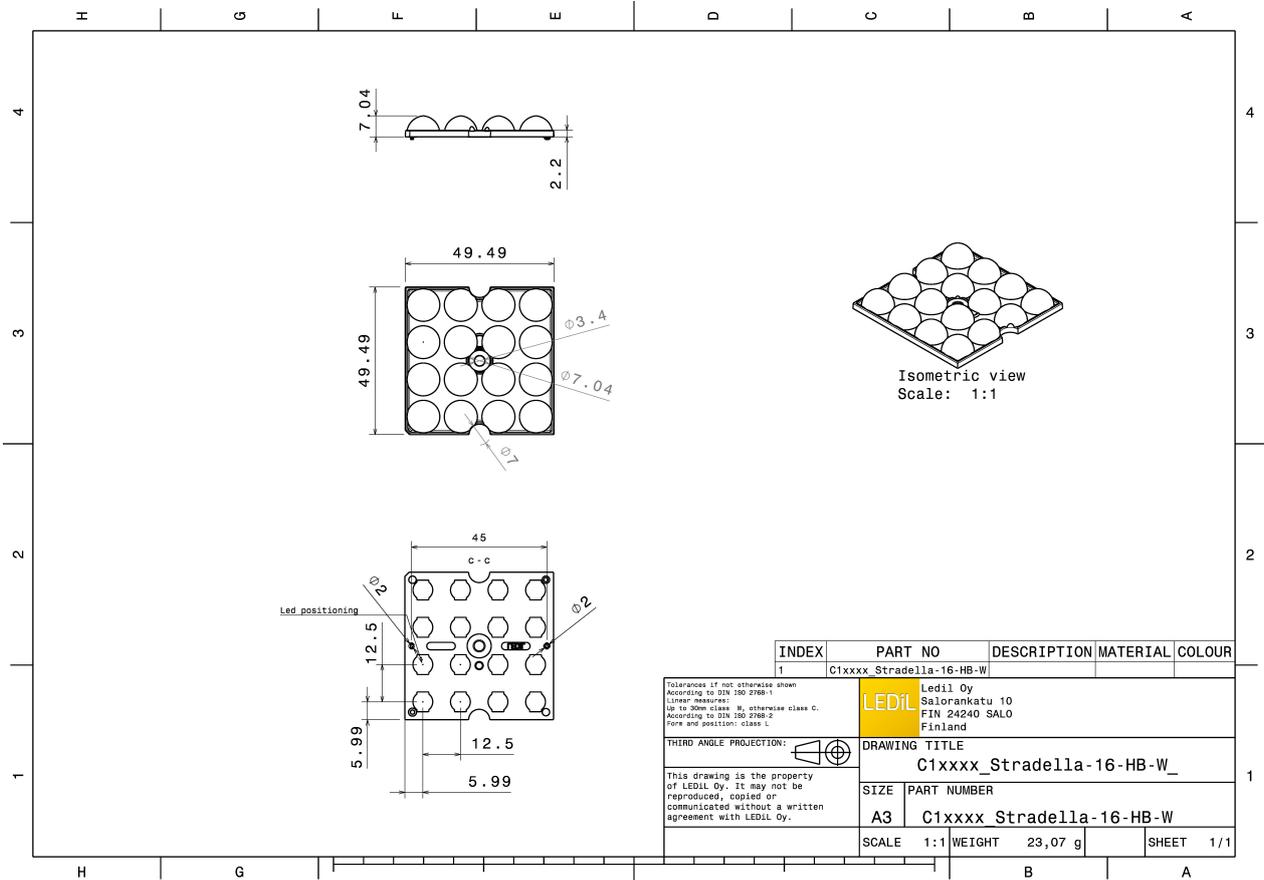
### TECHNICAL SPECIFICATIONS:

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:

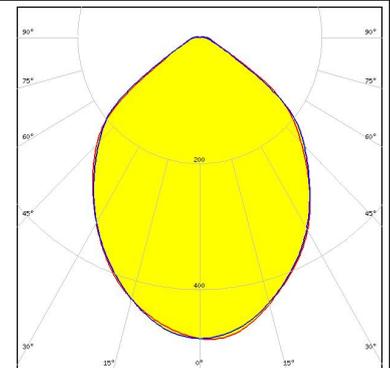
Component	Type	Material	Colour
STRADELLA-16-HB-W	Multi-lens	PMMA	clear



#### PHOTOMETRIC DATA (MEASURED):

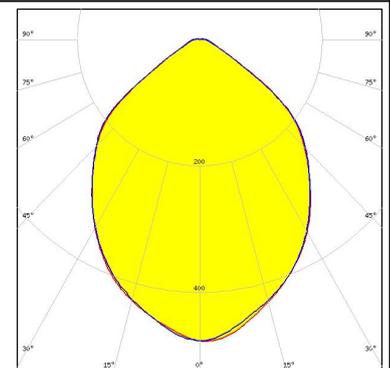
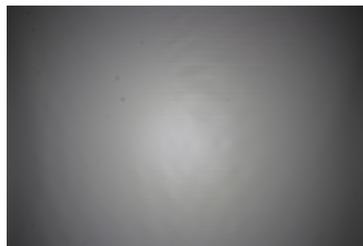
##### LG Innotek

LED LG 3030  
 FWHM 89.0°  
 Efficiency 94 %  
 Peak intensity 0.480 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



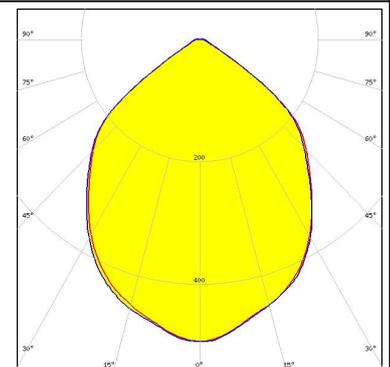
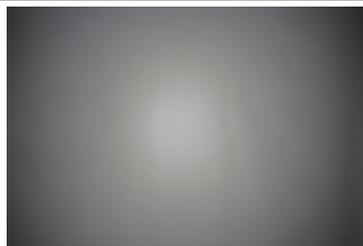
##### NICHIA

LED NFSx757D  
 FWHM 91.0°  
 Efficiency 94 %  
 Peak intensity 0.480 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



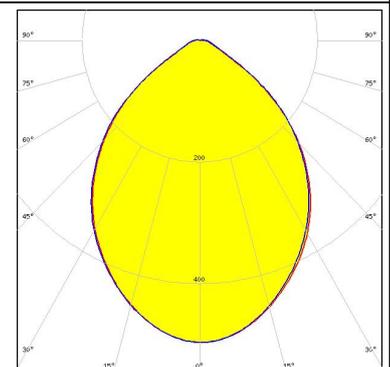
##### NICHIA

LED NFSx757G  
 FWHM 92.0°  
 Efficiency 94 %  
 Peak intensity 0.490 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### NICHIA

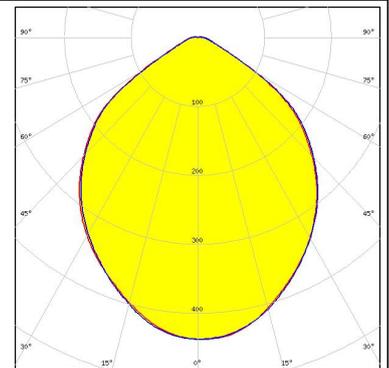
LED NVSW219D  
 FWHM 87.0°  
 Efficiency 94 %  
 Peak intensity 0.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



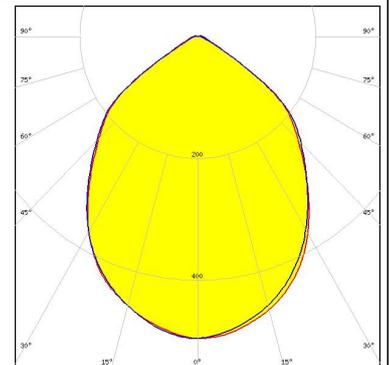
#### PHOTOMETRIC DATA (MEASURED):



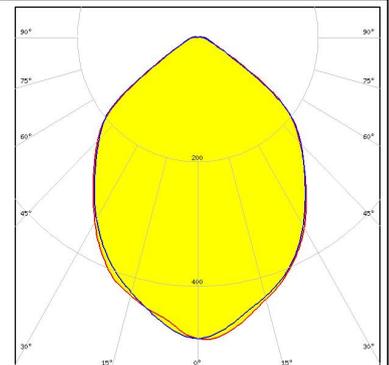
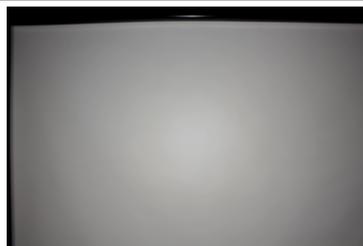
LED NVSW319B  
 FWHM 96.0°  
 Efficiency 94 %  
 Peak intensity 0.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



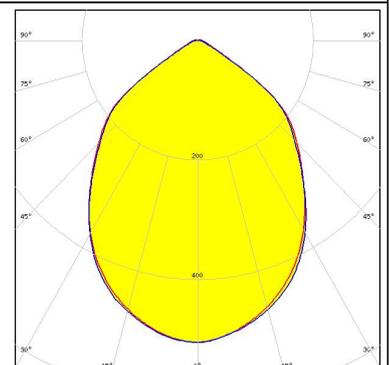
LED PrevaLED Brick MP 4x16  
 FWHM 88.0°  
 Efficiency 94 %  
 Peak intensity 0.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED Duris S5 (Single chip)  
 FWHM 88.0°  
 Efficiency 93 %  
 Peak intensity 0.490 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



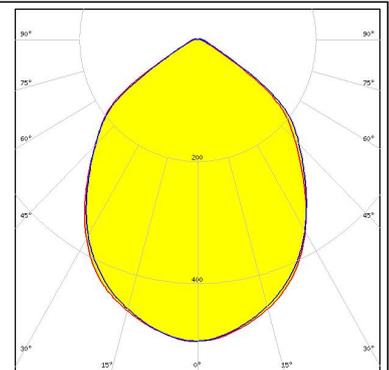
LED Fortimo FastFlex LED 4x16 DHE G4  
 FWHM 87.0°  
 Efficiency 94 %  
 Peak intensity 0.510 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

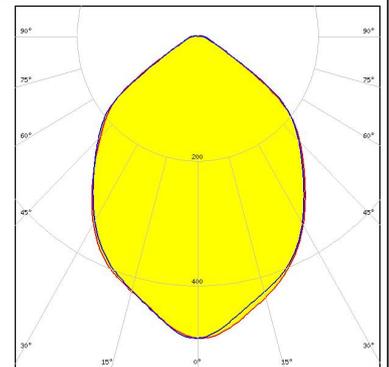
#### SAMSUNG

LED HiLOM RM64 (LM301B)  
 FWHM 88.0°  
 Efficiency 94 %  
 Peak intensity 0.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



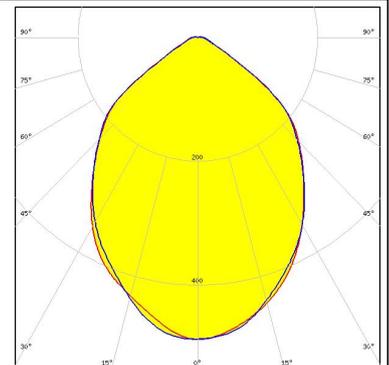
#### SAMSUNG

LED LM231 A/B  
 FWHM 88.0°  
 Efficiency 94 %  
 Peak intensity 0.480 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



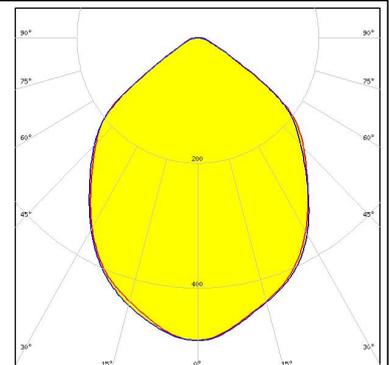
SEOUL SEMICONDUCTOR

LED SEOUL 3030  
 FWHM 87.0°  
 Efficiency 93 %  
 Peak intensity 0.490 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

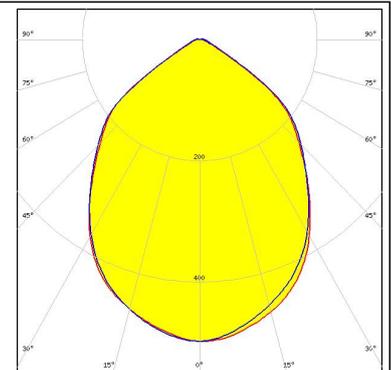
LED SunLike 3030  
 FWHM 90.0°  
 Efficiency 94 %  
 Peak intensity 0.480 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

#### TRIDONIC

LED RLE 4x16 4000lm MP ADV2 OTD  
FWHM 88.0°  
Efficiency 94 %  
Peak intensity 0.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### TRIDONIC

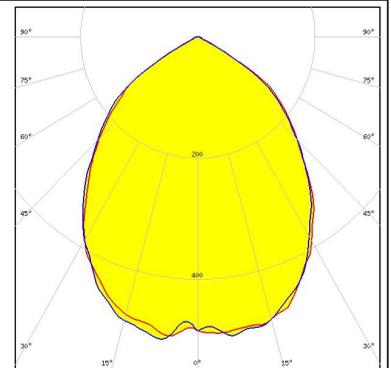
LED RLE 4x8 2000lm MP ADV2 OTD  
FWHM 88.0°  
Efficiency 94 %  
Peak intensity 0.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### PHOTOMETRIC DATA (SIMULATED):

#### OSRAM

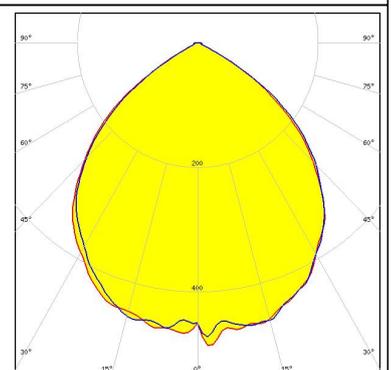
Opto Semiconductors

LED Duris E5  
FWHM 87.0°  
Efficiency 94 %  
Peak intensity 0.510 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



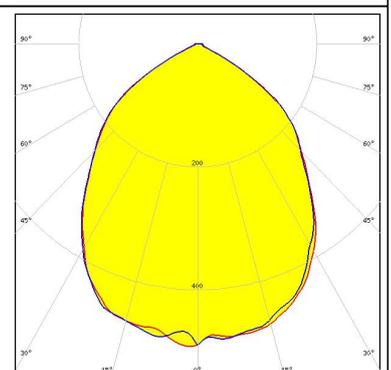
#### SAMSUNG

LED LH351C  
FWHM 97.0°  
Efficiency 94 %  
Peak intensity 0.490 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



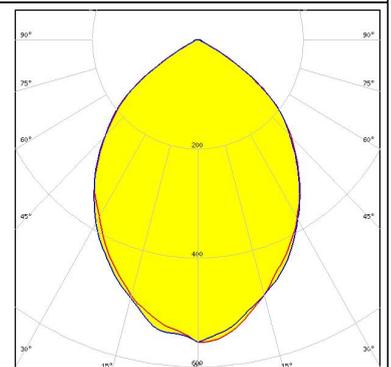
#### SAMSUNG

LED LM301B  
FWHM 90.0°  
Efficiency 94 %  
Peak intensity 0.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

LED SEOUL DC 5050 6V  
FWHM 84.0°  
Efficiency 94 %  
Peak intensity 0.560 cd/lm  
LEDs/each optic 1  
Light colour White  
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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