

## STRADELLA-16-HB-M

~60° medium beam for industrial applications

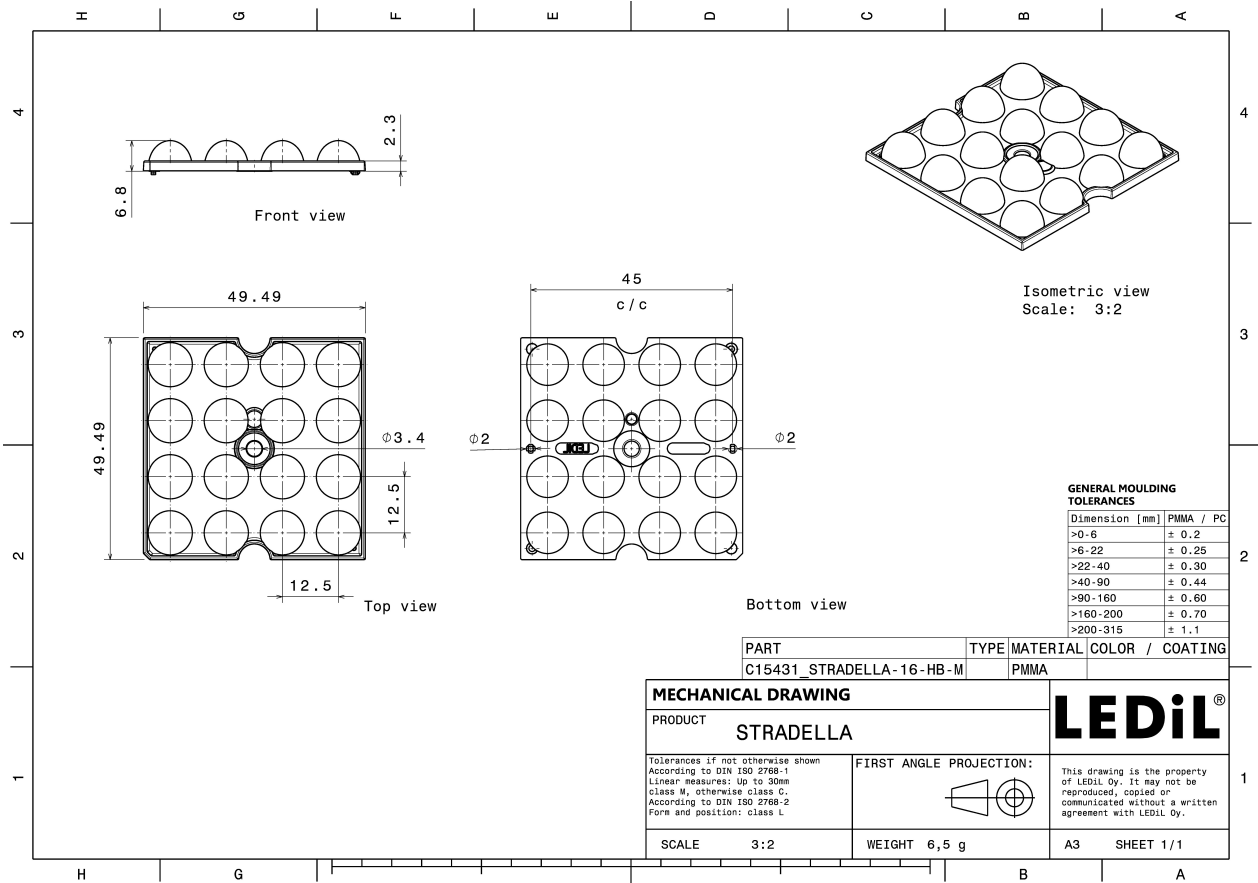
### TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	6.8 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

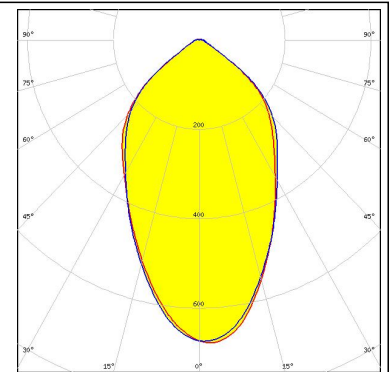
Component	Type	Material	Colour
STRADELLA-16-HB-M	Lens array	PMMA	clear



#### PHOTOMETRIC DATA (MEASURED):

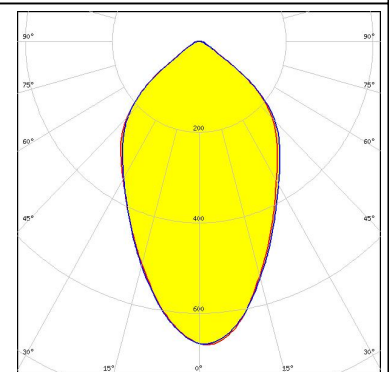
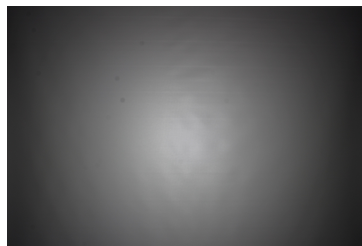
##### **LG Innotek**

LED LG 3030  
FWHM 63.0°  
Efficiency 94 %  
Peak intensity 0.680 cd/lm  
Required components:



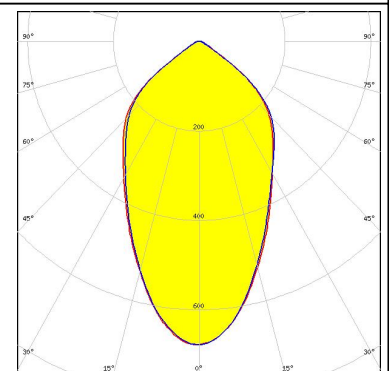
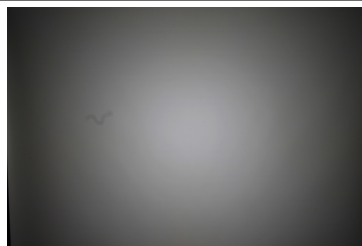
##### **NICHIA**

LED NFSx757D  
FWHM 65.0°  
Efficiency 94 %  
Peak intensity 0.670 cd/lm  
Required components:



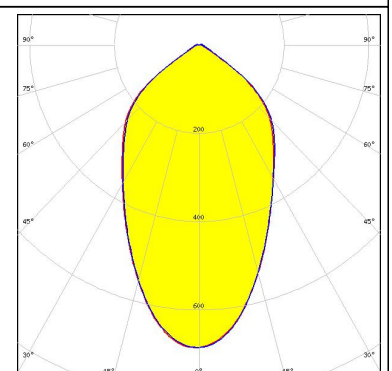
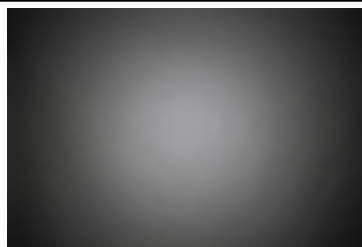
##### **NICHIA**

LED NFSx757G  
FWHM 61.0°  
Efficiency 93 %  
Peak intensity 0.680 cd/lm  
Required components:



##### **OSRAM**

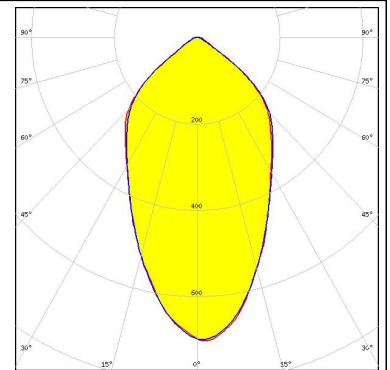
LED PrevaLED Brick DC 4x16  
FWHM 63.0°  
Efficiency 94 %  
Peak intensity 0.700 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

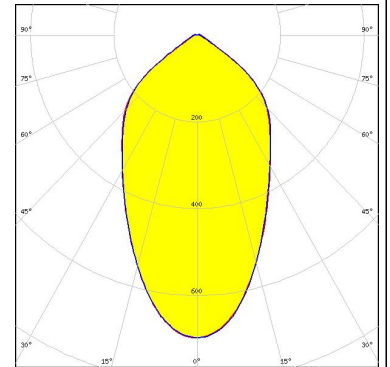
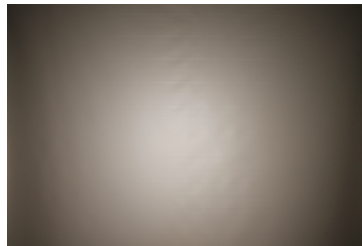
**OSRAM**  
Opto Semiconductors

LED Duris S5 (Single chip)  
FWHM 59.0°  
Efficiency 94 %  
Peak intensity 0.710 cd/lm  
Required components:



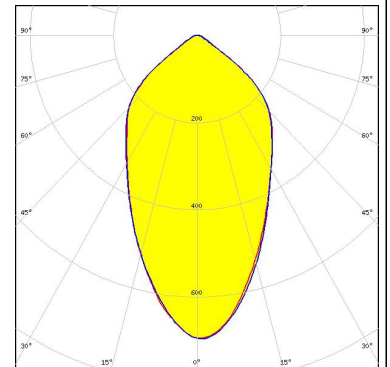
**PHILIPS**

LED Fortimo FastFlex LED 4x16 DHE G4  
FWHM 61.0°  
Efficiency 94 %  
Peak intensity 0.700 cd/lm  
Required components:



**SAMSUNG**

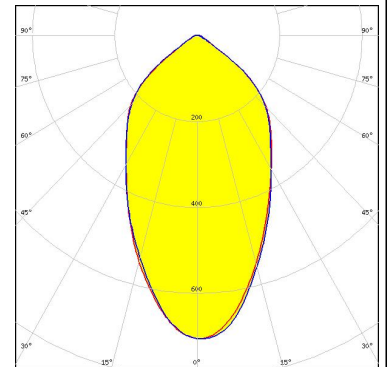
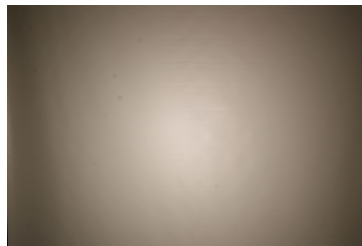
LED LM231 A/B  
FWHM 60.0°  
Efficiency 94 %  
Peak intensity 0.700 cd/lm  
Required components:



**SEOUL**


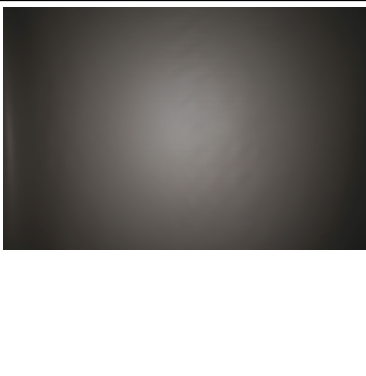
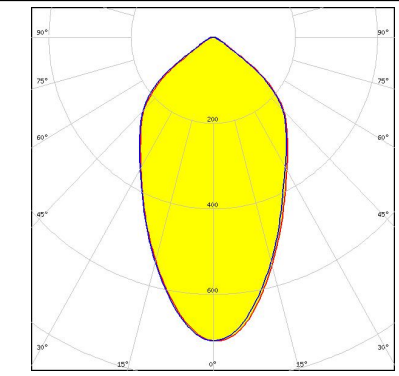

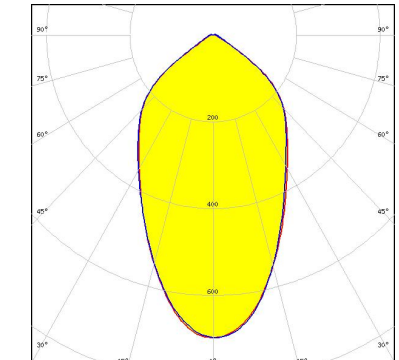
SEOUL SEMICONDUCTOR

LED SEOUL 3030  
FWHM 60.0°  
Efficiency 94 %  
Peak intensity 0.710 cd/lm  
Required components:





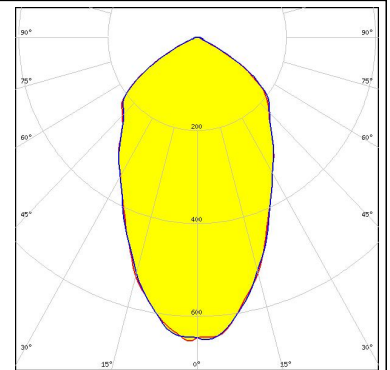
#### PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SunLike 3030 FWHM 61.0° Efficiency 94 % Peak intensity 0.710 cd/lm Required components:</p>		
<p><b>TRIDONIC</b></p> <p>LED RLE G2 MP 4x16 4000lm FWHM 61.0° Efficiency 94 % Peak intensity 0.700 cd/lm Required components:</p>		

#### PHOTOMETRIC DATA (SIMULATED):

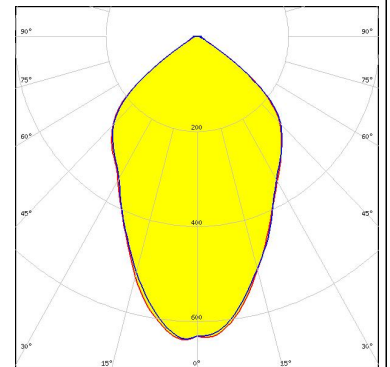
#### LUMILEDS

LED LUXEON CZ  
FWHM 64.0°  
Efficiency 94 %  
Peak intensity 0.660 cd/lm  
Required components:



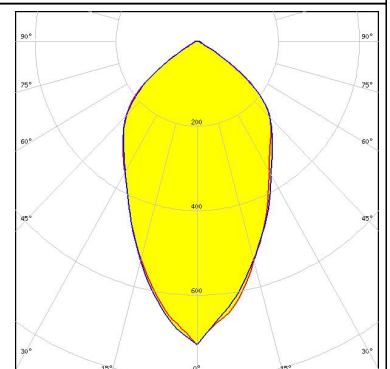
#### NICHIA

LED NVSxE21A  
FWHM 69.0°  
Efficiency 94 %  
Peak intensity 0.640 cd/lm  
Required components:



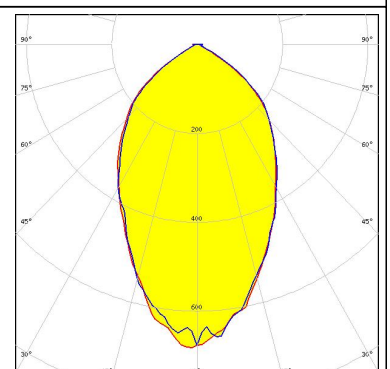
#### SAMSUNG

LED LH181B  
FWHM 60.0°  
Efficiency 94 %  
Peak intensity 0.720 cd/lm  
Required components:



#### SAMSUNG

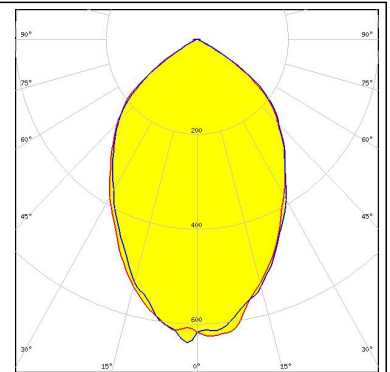
LED LH351B  
FWHM 66.0°  
Efficiency 94 %  
Peak intensity 0.695 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

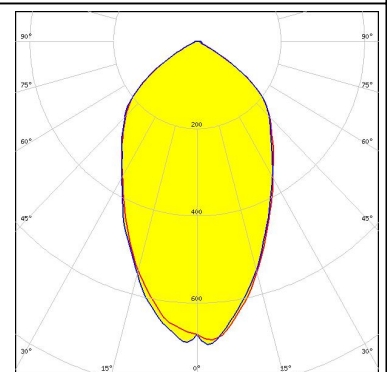
#### SAMSUNG

LED LH351C  
FWHM 79.0°  
Efficiency 94 %  
Peak intensity 0.646 cd/lm  
Required components:



#### SAMSUNG

LED LM301B  
FWHM 62.0°  
Efficiency 94 %  
Peak intensity 0.710 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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