

## STRADELLA-16-HB-O

Oval beam for high bay aisles

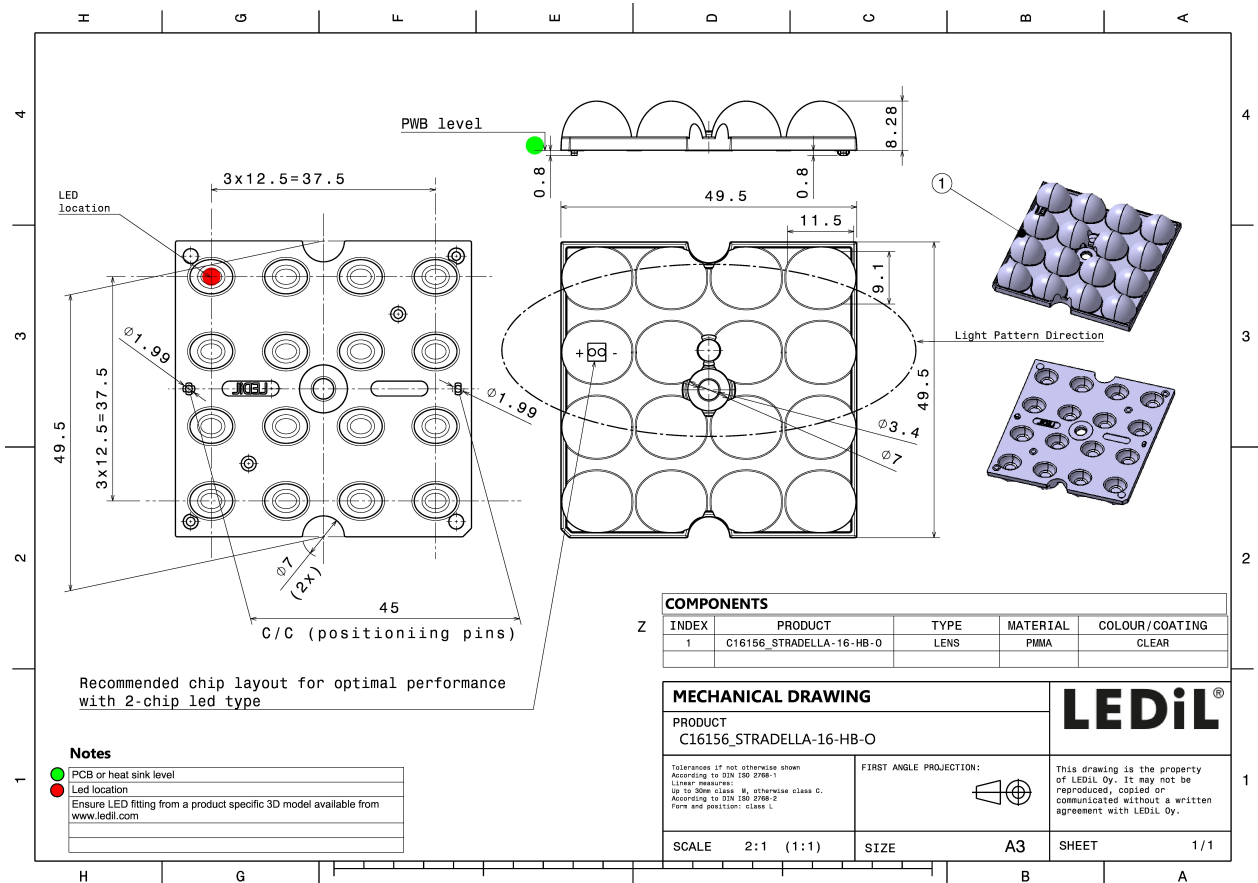
### TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	8.3 mm
Fastening	
Colour	clear
Box size	476 x 273 x 292 mm
Box weight	8.3 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

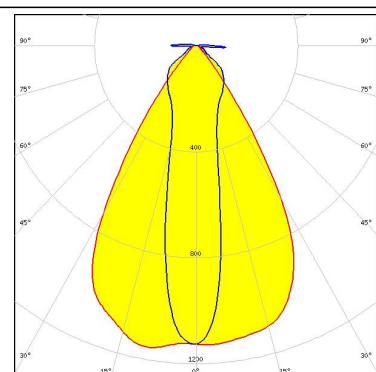
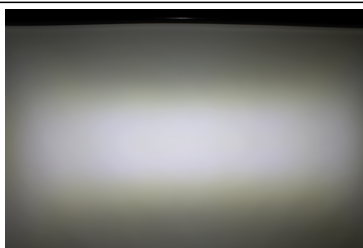
Component	Type	Material	Colour
STRADELLA-16-HB-O	Lens	PMMA	clear



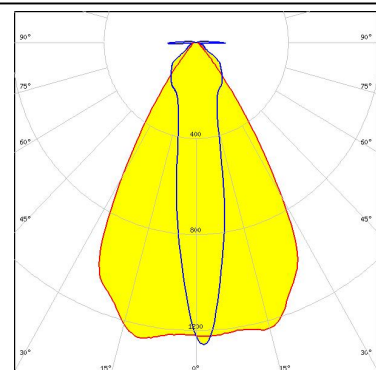
#### PHOTOMETRIC DATA (MEASURED):



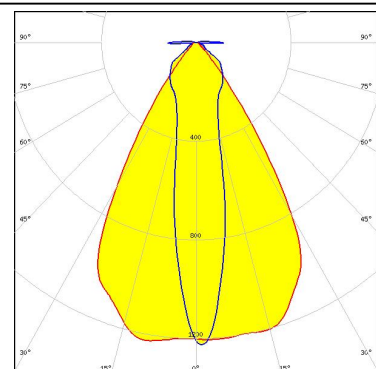
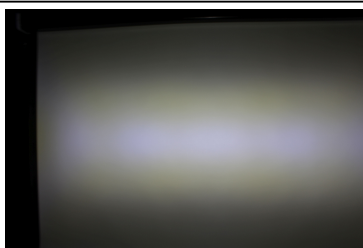
LED LG 3030  
FWHM 64.0 + 21.0°  
Efficiency 94 %  
Peak intensity 1.200 cd/lm  
Required components:



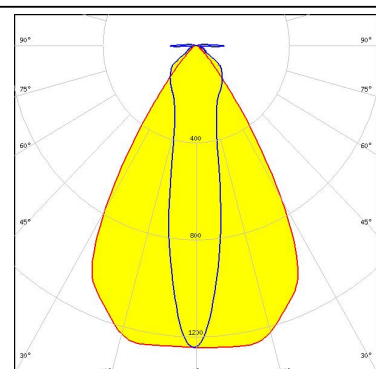
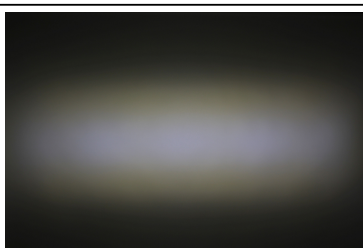
LED NFSx757D  
FWHM 62.0 + 19.0°  
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
Required components:



LED NFSx757G  
FWHM 63.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.200 cd/lm  
Required components:



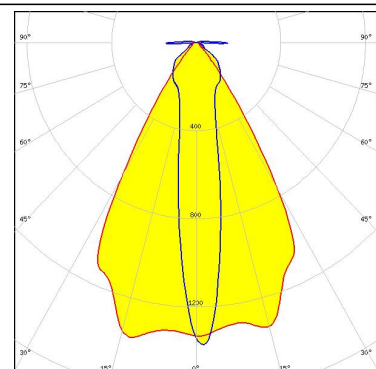
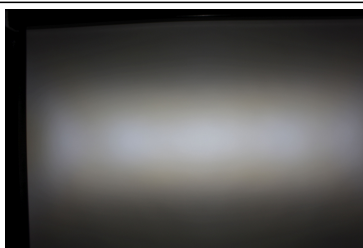
LED PrevaLED Brick DC 4x16  
FWHM 64.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

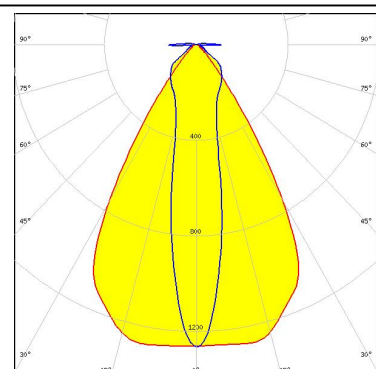
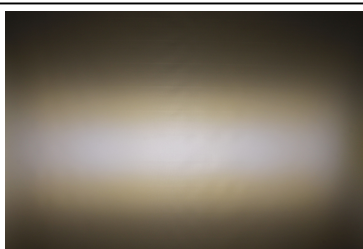
**OSRAM**  
Opto Semiconductors

LED Duris S5 (Single chip)  
FWHM 62.0 + 17.0°  
Efficiency 94 %  
Peak intensity 1.400 cd/lm  
Required components:



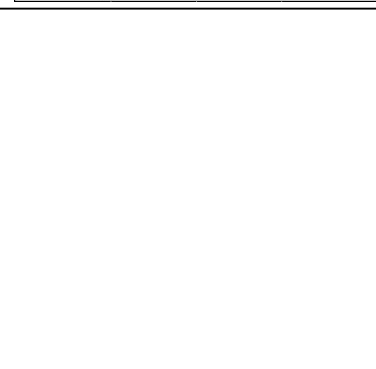
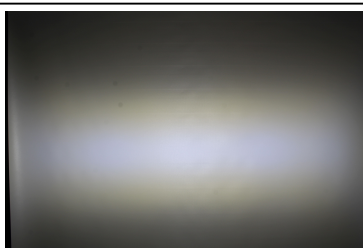
**PHILIPS**

LED Fortimo FastFlex LED 4x16 DHE G4  
FWHM 63.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
Required components:



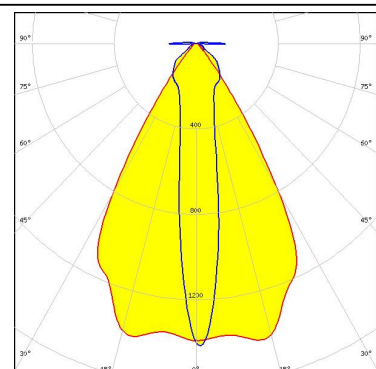
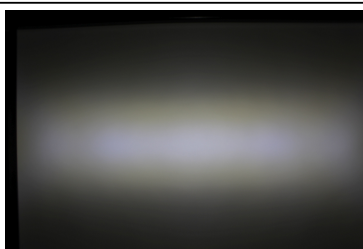
**SAMSUNG**

LED HiLOM RM64 (LM301B)  
FWHM 64.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
Required components:



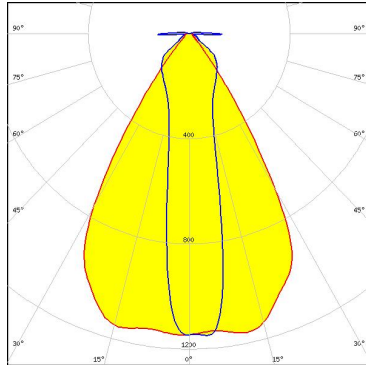

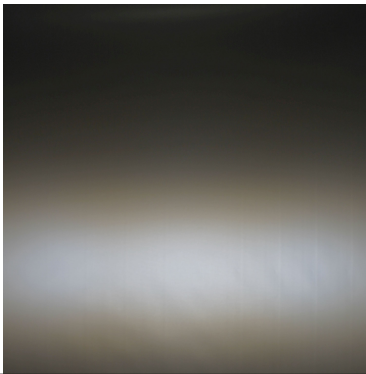
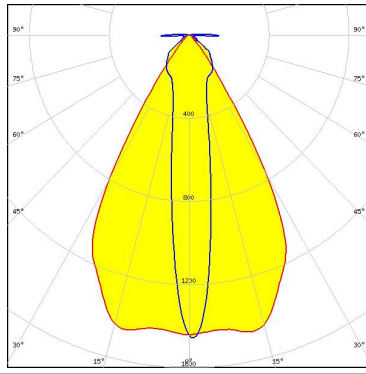
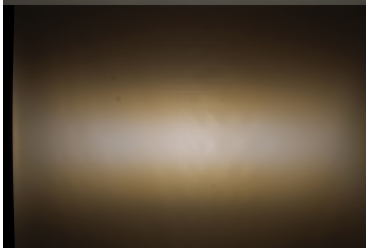
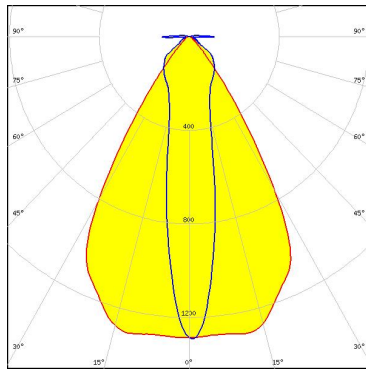


**SAMSUNG**

LED LM231 A/B  
FWHM 62.0 + 15.0°  
Efficiency 94 %  
Peak intensity 1.400 cd/lm  
Required components:



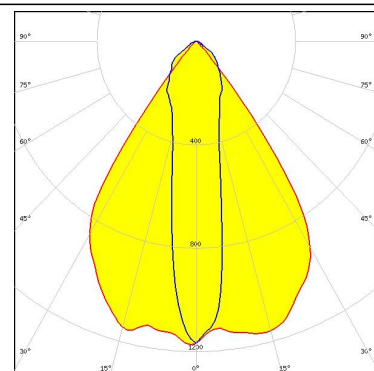
#### PHOTOMETRIC DATA (MEASURED):

<p>   <small>SEOUL SEMICONDUCTOR</small>  <b>LED</b>                SEOUL 3030  <b>FWHM</b>            64.0 + 20.0°  <b>Efficiency</b>        94 %  <b>Peak intensity</b>   1.200 cd/lm  <b>Required components:</b> </p>		
<p>   <small>SEOUL SEMICONDUCTOR</small>  <b>LED</b>                SunLike 3030  <b>FWHM</b>            61.0 + 16.0°  <b>Efficiency</b>        94 %  <b>Peak intensity</b>   1.500 cd/lm  <b>Required components:</b> </p>		
<p> <b>TRIDONIC</b>  <b>LED</b>                RLE 4x16 4000lm MP ADV2 OTD  <b>FWHM</b>            64.0 + 19.0°  <b>Efficiency</b>        94 %  <b>Peak intensity</b>   1.300 cd/lm  <b>Required components:</b> </p>		
<p> <b>TRIDONIC</b>  <b>LED</b>                RLE 4x8 2000lm MP ADV2 OTD  <b>FWHM</b>            64.0 + 19.0°  <b>Efficiency</b>        94 %  <b>Peak intensity</b>   1.300 cd/lm  <b>Required components:</b> </p>		

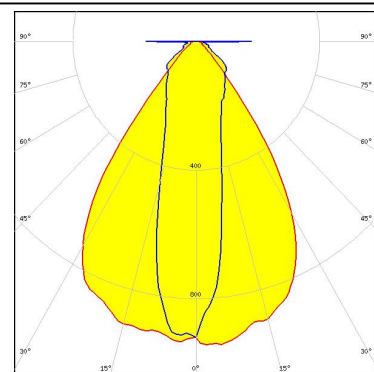
#### PHOTOMETRIC DATA (SIMULATED):



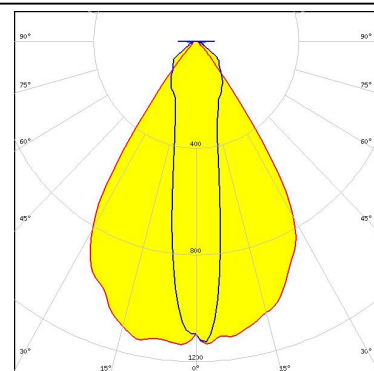
LED XP-G2  
FWHM 71.0 + 20.0°  
Efficiency 87 %  
Peak intensity 1.200 cd/lm  
Required components:



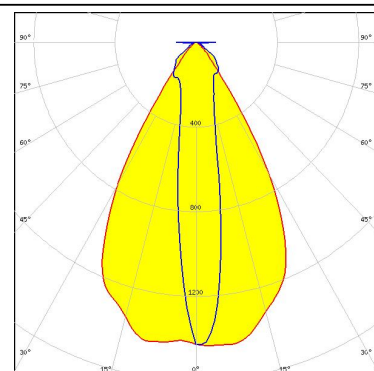
LED XP-G3  
FWHM 70.0 + 25.0°  
Efficiency 92 %  
Peak intensity 0.960 cd/lm  
Required components:



LED XT-E  
FWHM 67.0 + 19.0°  
Efficiency 87 %  
Peak intensity 1.200 cd/lm  
Required components:



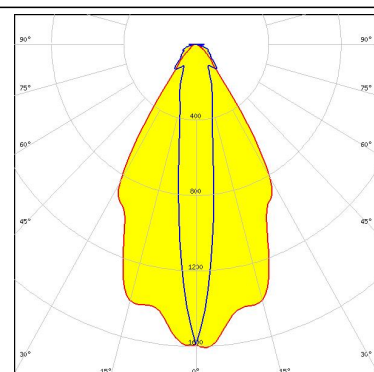
LED LUXEON 3030 2D (Round LES)  
FWHM 50.0 + 16.0°  
Efficiency 91 %  
Peak intensity 1.500 cd/lm  
Required components:



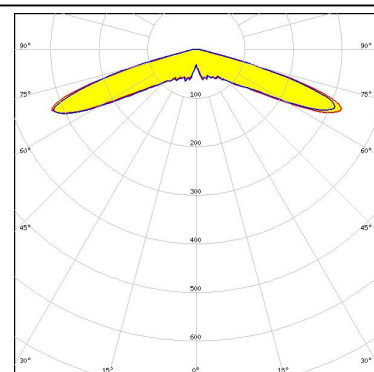
#### PHOTOMETRIC DATA (SIMULATED):



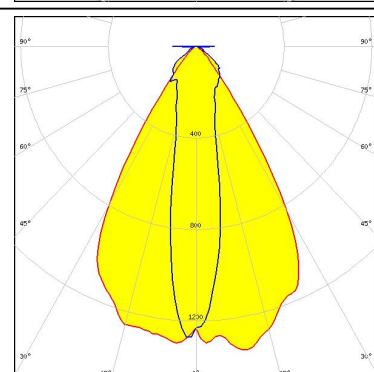
LED LUXEON CZ  
FWHM 60.0 + 14.0°  
Efficiency 94 %  
Peak intensity 1.600 cd/lm  
Required components:



LED SFH 4725S  
FWHM 56.0 + 14.0°  
Efficiency 94 %  
Peak intensity cd/lm  
Required components:



LED LM301B  
FWHM 19.0 + 63.0°  
Efficiency 93 %  
Peak intensity 1.370 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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