

## STRADELLA-16-HB-O

Oval beam for high bay aisles

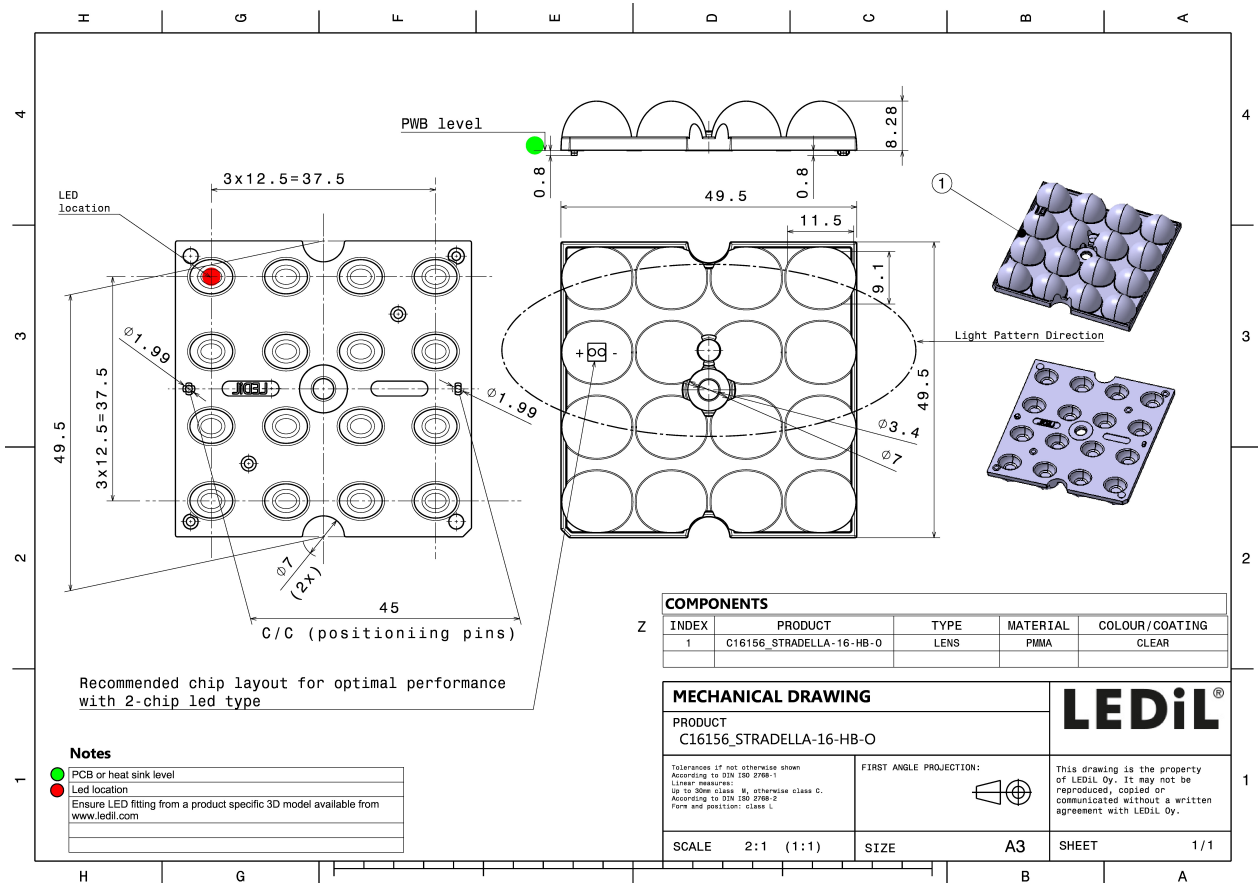
### TECHNICAL SPECIFICATIONS:

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:

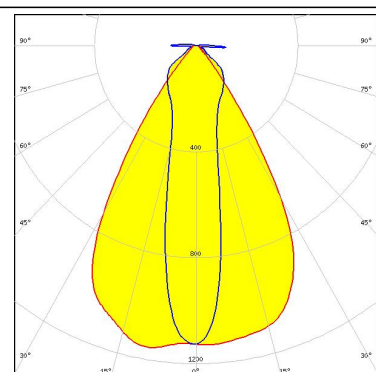
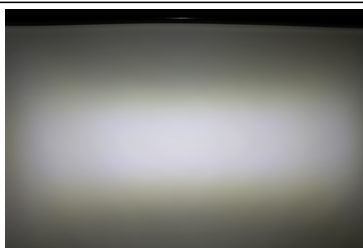
Component	Type	Material	Colour
STRADELLA-16-HB-O	Multi-lens	PMMA	clear



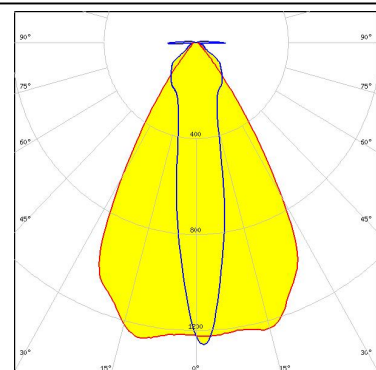
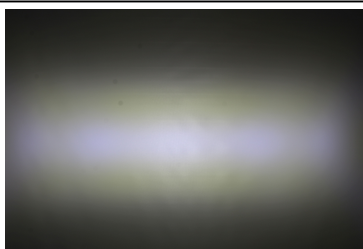
#### PHOTOMETRIC DATA (MEASURED):



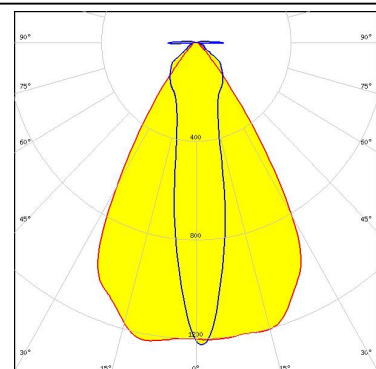
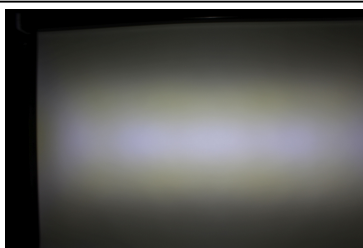
LED LG 3030  
FWHM 64.0 + 21.0°  
Efficiency 94 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



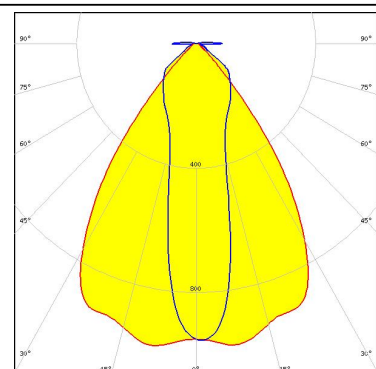
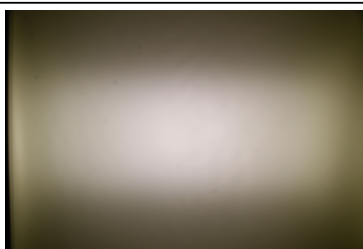
LED NFSx757D  
FWHM 62.0 + 19.0°  
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NFSx757G  
FWHM 63.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



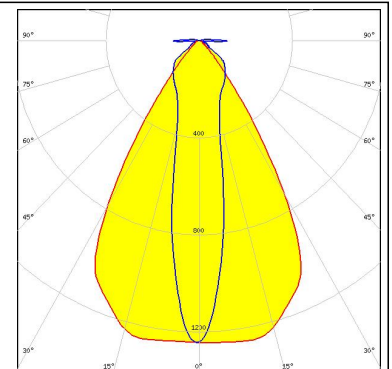
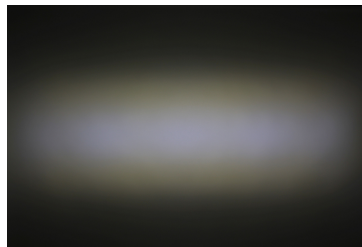
LED NVSW319B  
FWHM 72.0 + 24.0°  
Efficiency 94 %  
Peak intensity 1.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

#### OSRAM

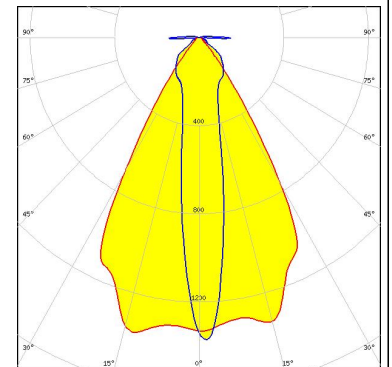
LED PrevaLED Brick MP 4x16  
FWHM  $64.0 \pm 20.0^\circ$   
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OSRAM

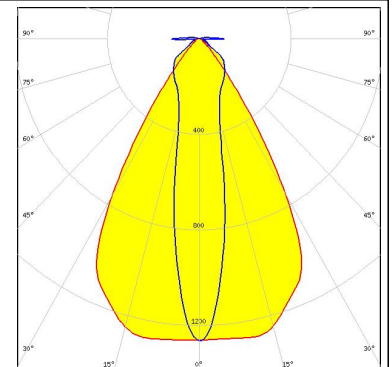
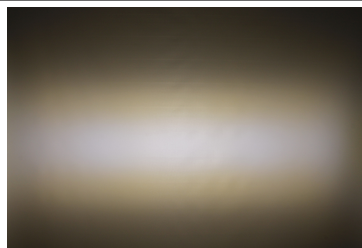
Opto Semiconductors

LED Duris S5 (Single chip)  
FWHM  $62.0 \pm 17.0^\circ$   
Efficiency 94 %  
Peak intensity 1.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



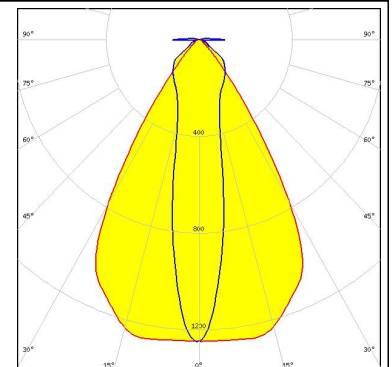
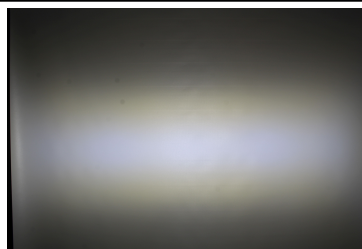
#### PHILIPS

LED Fortimo FastFlex LED 4x16 DHE G4  
FWHM  $63.0 \pm 20.0^\circ$   
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

LED HiLOM RM64 (LM301B)  
FWHM  $64.0 \pm 20.0^\circ$   
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

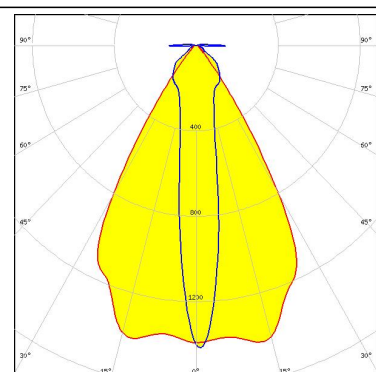
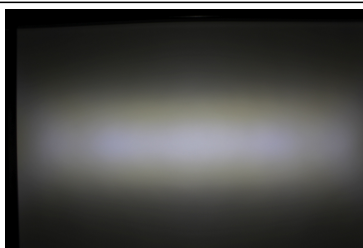




#### PHOTOMETRIC DATA (MEASURED):

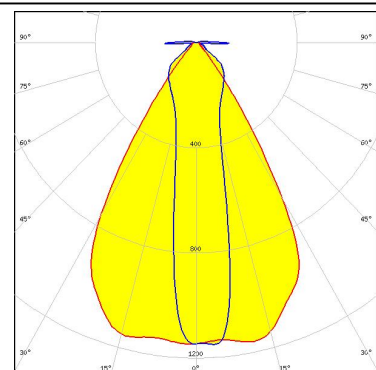
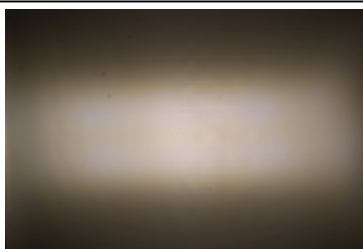
#### SAMSUNG

LED LM231 A/B  
FWHM 62.0 + 15.0°  
Efficiency 94 %  
Peak intensity 1.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



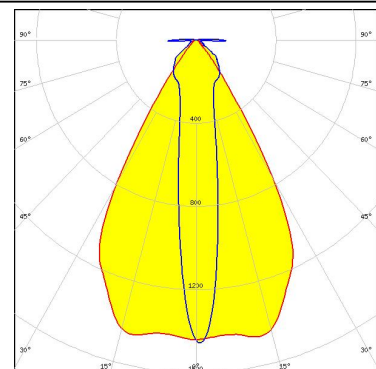
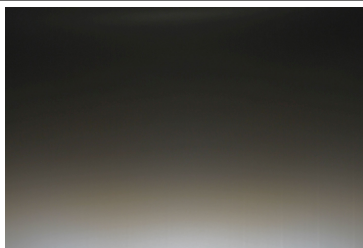
#### SEOUL SEMICONDUCTOR

LED SEOUL 3030  
FWHM 64.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



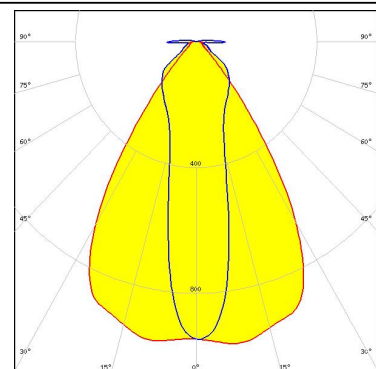
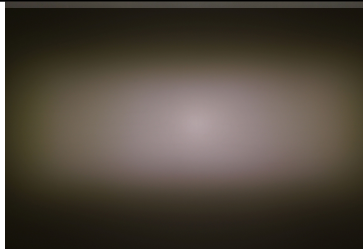
#### SEOUL SEMICONDUCTOR

LED SEOUL DC 3030  
FWHM 61.0 + 16.0°  
Efficiency 94 %  
Peak intensity 1.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SEOUL SEMICONDUCTOR

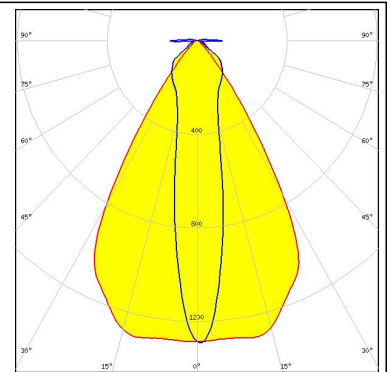
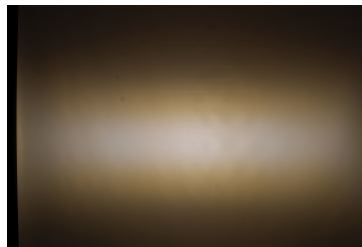
LED Z5M3  
FWHM 67.0 + 24.0°  
Efficiency 94 %  
Peak intensity 1.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

#### TRIDONIC

LED RLE 4x16 4000lm MP ADV2 OTD  
FWHM 64.0 + 19.0°  
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



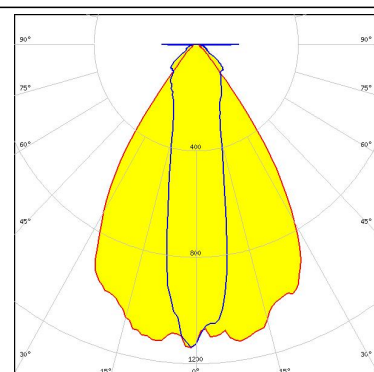
#### TRIDONIC

LED RLE 4x8 2000lm MP ADV2 OTD  
FWHM 64.0 + 19.0°  
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

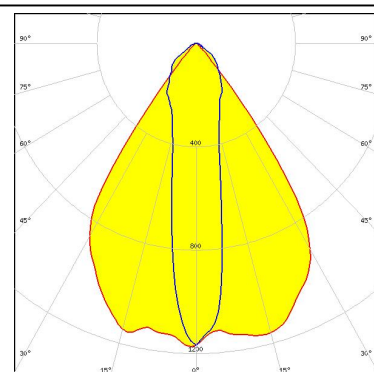
#### PHOTOMETRIC DATA (SIMULATED):



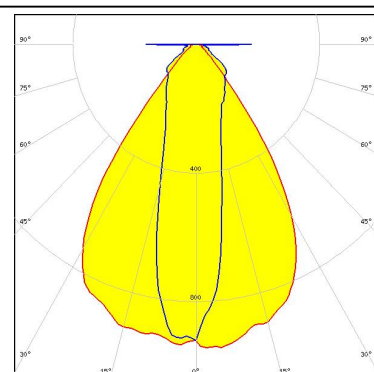
LED XHP35 HI  
FWHM 67.0 + 22.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



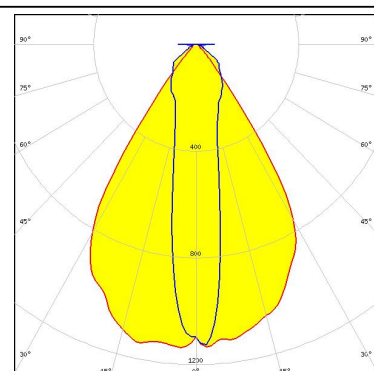
LED XP-G2  
FWHM 71.0 + 20.0°  
Efficiency 87 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-G3  
FWHM 70.0 + 25.0°  
Efficiency 92 %  
Peak intensity 0.960 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



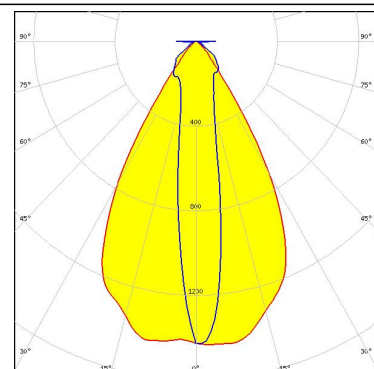
LED XT-E  
FWHM 67.0 + 19.0°  
Efficiency 87 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



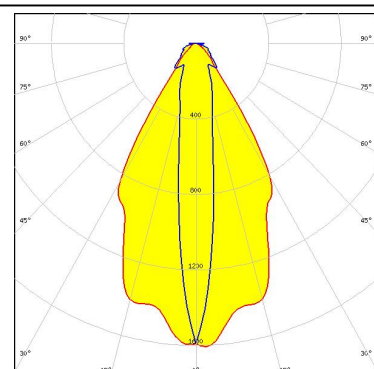
#### PHOTOMETRIC DATA (SIMULATED):



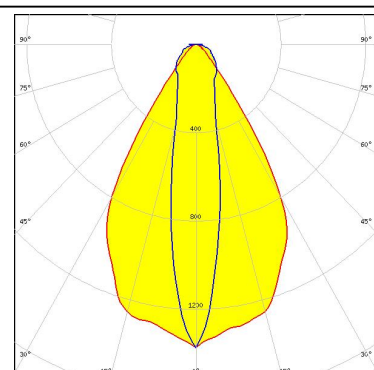
LED LUXEON 3030 2D (Round LES)  
FWHM 50.0 + 16.0°  
Efficiency 91 %  
Peak intensity 1.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



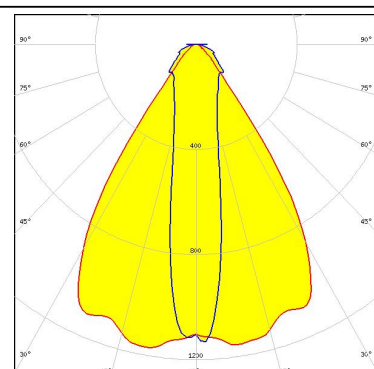
LED LUXEON CZ  
FWHM 60.0 + 14.0°  
Efficiency 94 %  
Peak intensity 1.600 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED Duris E5  
FWHM 20.0 + 63.0°  
Efficiency 94 %  
Peak intensity 1.390 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSLOM Square CSSRM2/CSSRM3  
FWHM 69.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.170 cd/lm  
LEDs/each optic 1  
Light colour Red  
Required components:

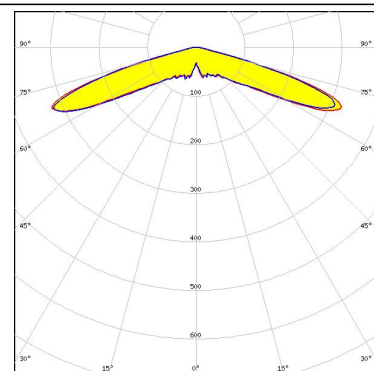


#### PHOTOMETRIC DATA (SIMULATED):

##### OSRAM

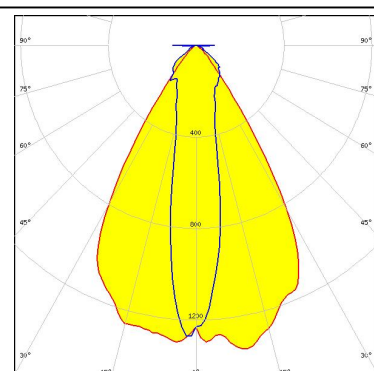
Opto Semiconductors

LED SFH 4725S  
FWHM 56.0 + 14.0°  
Efficiency 94 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



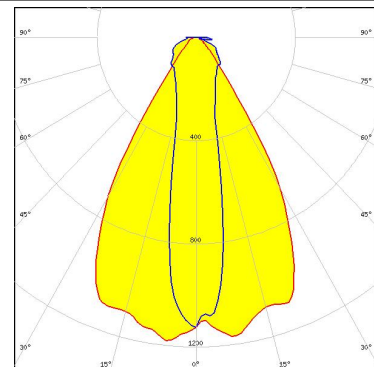
##### SAMSUNG

LED LM301B  
FWHM 19.0 + 63.0°  
Efficiency 93 %  
Peak intensity 1.370 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22T  
FWHM 63.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.190 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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#### LEDiL Oy

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#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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