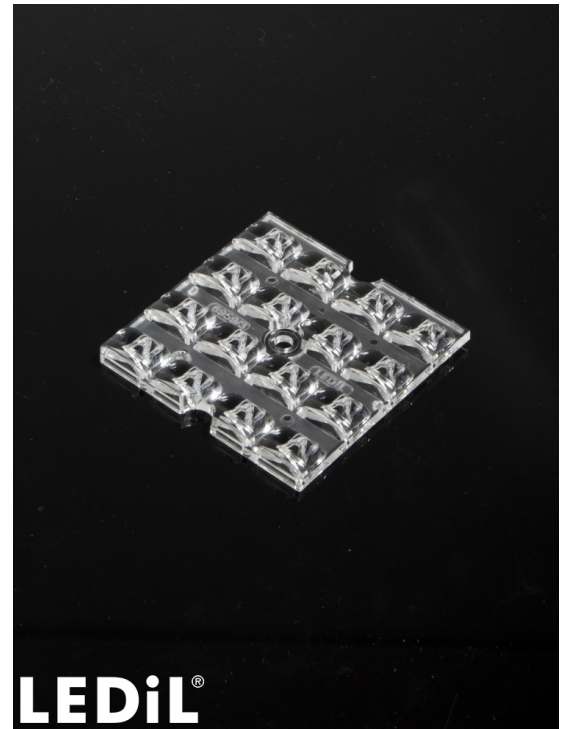


STRADELLA-16-SCL

Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian paths and residential roads. EN13201 P-classes.

TECHNICAL SPECIFICATIONS:

Dimensions	49.5 x 49.5 mm
Height	4.4 mm
Fastening	screw
ROHS compliant	yes ⓘ

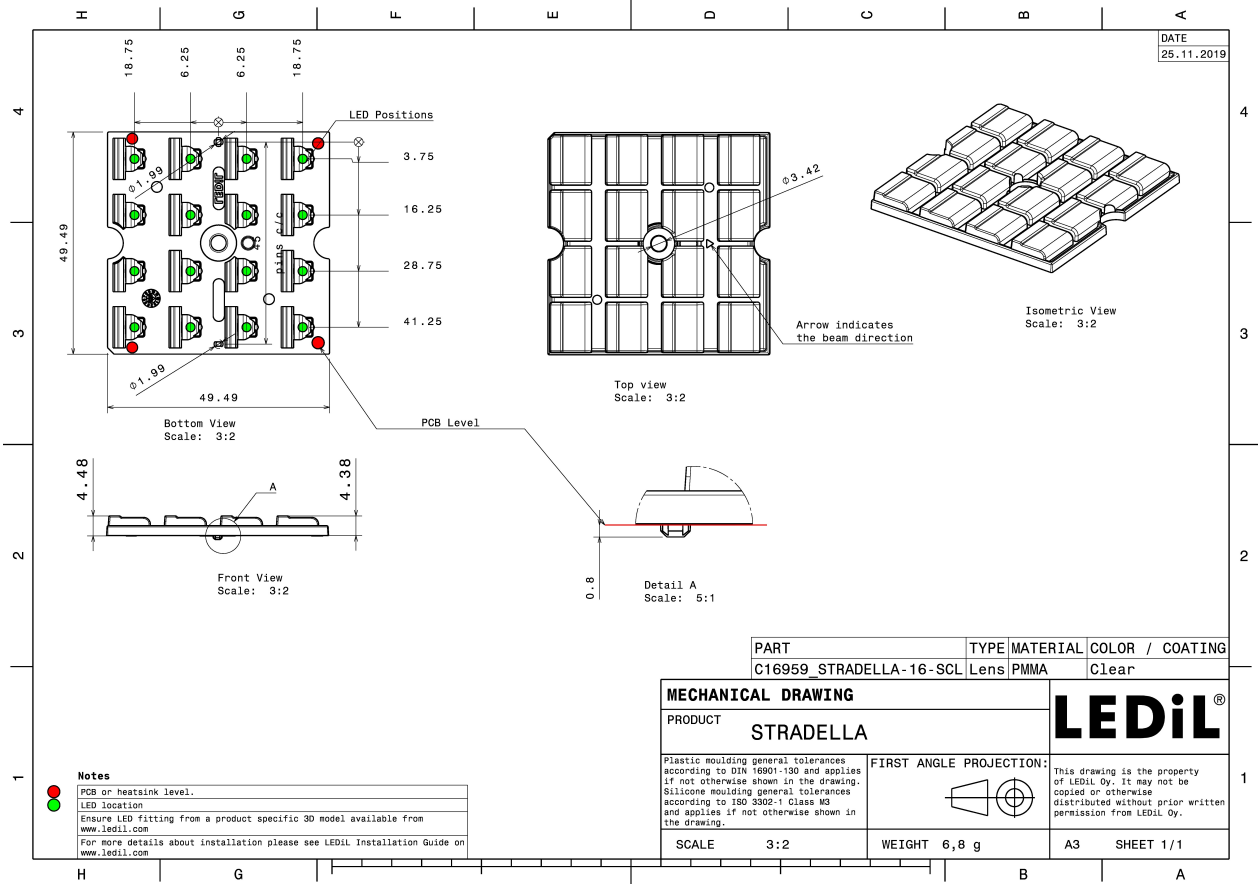


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADELLA-16-SCL	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16959_STRADELLA-16-SCL » Box size: 480 x 280 x 300 mm	800	160	160	6.4



See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

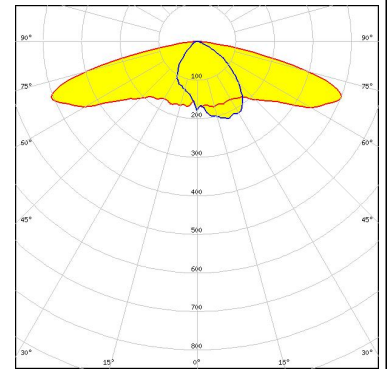
<p>CREE LED</p> <p>LED J Series 3030 FWHM / FWTM Asymmetric Efficiency 95 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>ELECTRIO</p> <p>LED EHP-223.5x50-1604-xx-70-LS30-06-NTC FWHM / FWTM Asymmetric Efficiency 97 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NF2x757G FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NFSW757H FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):



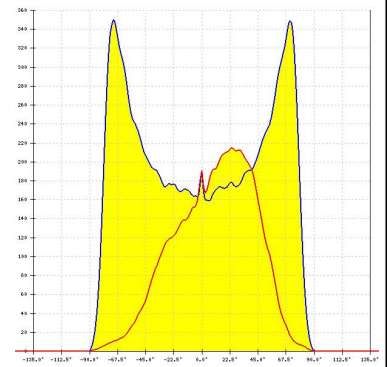
LED J Series 3030
 FWHM / FWTM Asymmetric
 Efficiency 78 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass

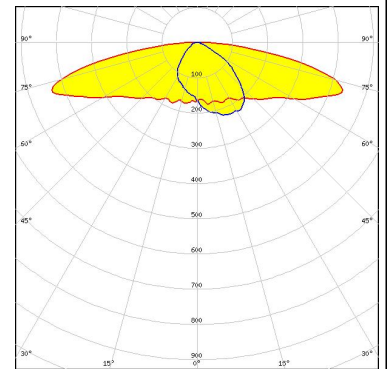


LED LUXEON 3030 2D (Square LES)
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

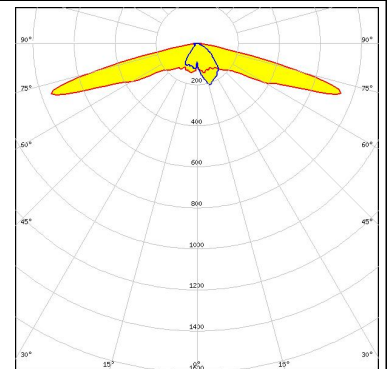
Protective plate, glass



LED LUXEON 3030 HE Plus
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NFSWE11A
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



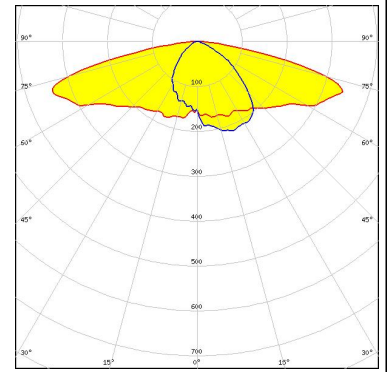
PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED Duris S5 (2 chip)
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass

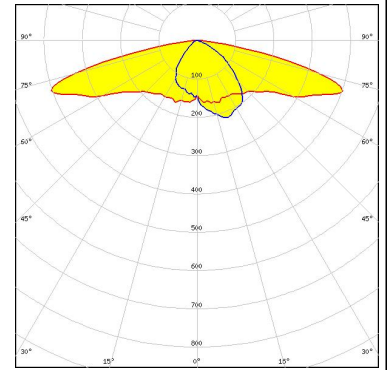


OSRAM

Opto Semiconductors

LED OSCONIQ C 2424
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

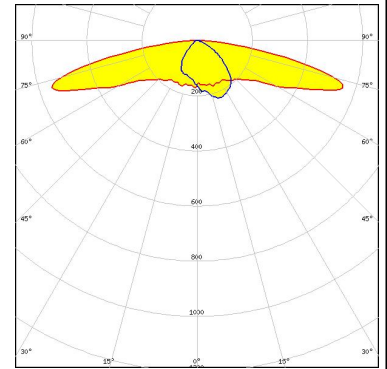
Protective plate, glass



OSRAM

Opto Semiconductors

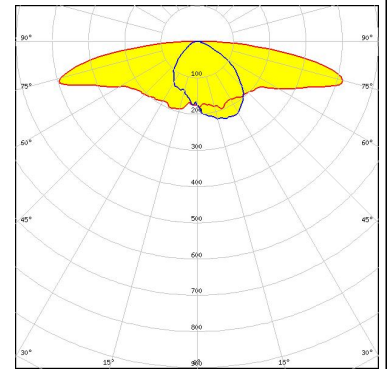
LED OSCONIQ C 2424
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

LED OSOLON Square CSSRM2/CSSRM3
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

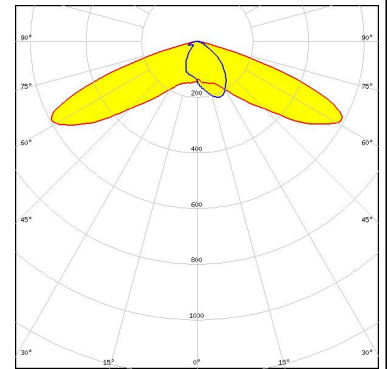


PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

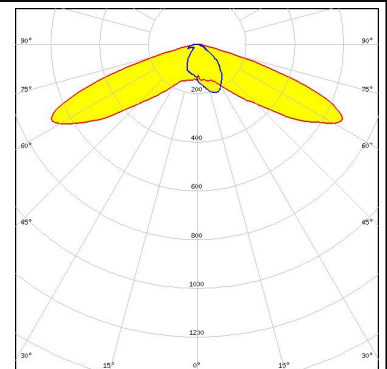
LED LH181B
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



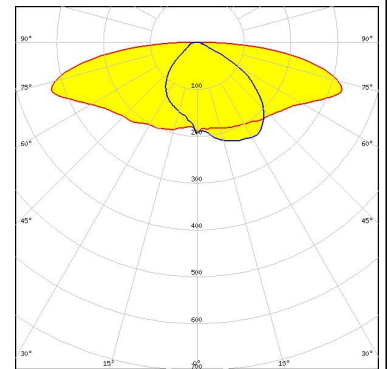
SAMSUNG

LED LH181B
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



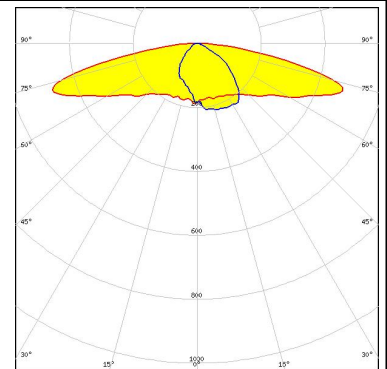
SAMSUNG

LED LH351B
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LM301B
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LM301B
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

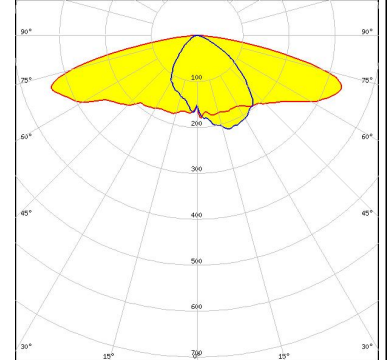
Protective plate, glass



SAMSUNG

LED LM302D
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

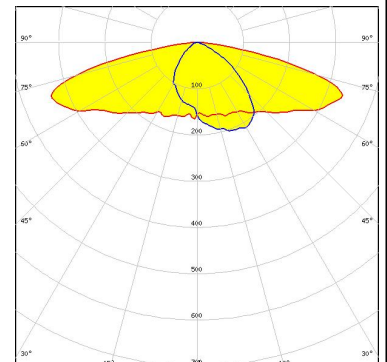
Protective plate, glass



SAMSUNG

LED LM302Z plus
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

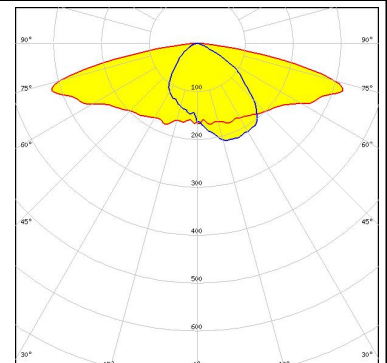
Protective plate, glass



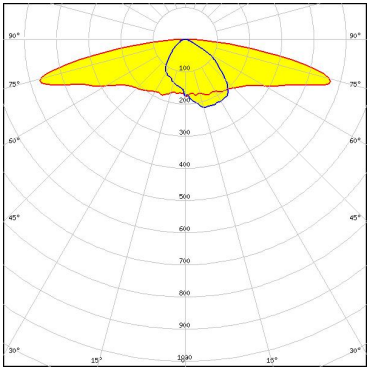
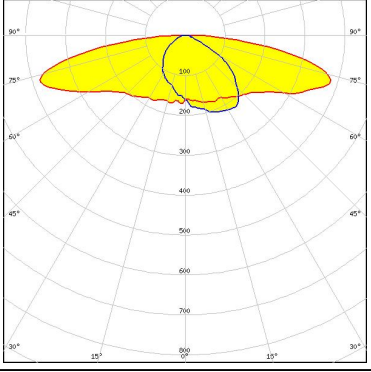
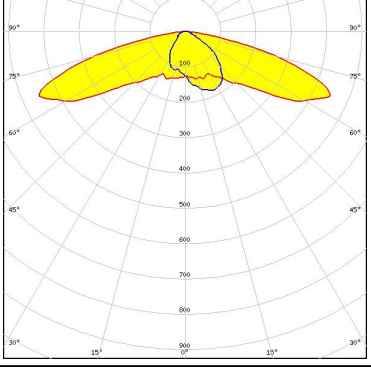
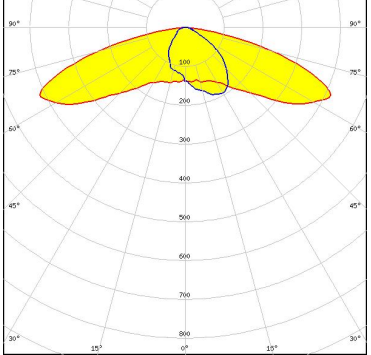
SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



PHOTOMETRIC DATA (SIMULATED):

<p>SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3030C</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 90 %</p> <p>Peak intensity: 0.6 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED: Z5M3</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 89 %</p> <p>Peak intensity: 0.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED: Z8Y19</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 77 %</p> <p>Peak intensity: 0.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> <p>Protective plate, glass</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED: Z8Y22</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 77 %</p> <p>Peak intensity: 0.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> <p>Protective plate, glass</p>	

PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR		
LED	Z8Y22T	
FWHM / FWTM	Asymmetric	
Efficiency	79 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
	Protective plate, glass	
 SEOUL SEMICONDUCTOR		
LED	Z8Y22T	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	
Peak intensity	0.5 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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