

STRADELLA-16-HB-S-PC

~25° spot beam for industrial applications.
Variant made from PC.

SPECIFICATION:

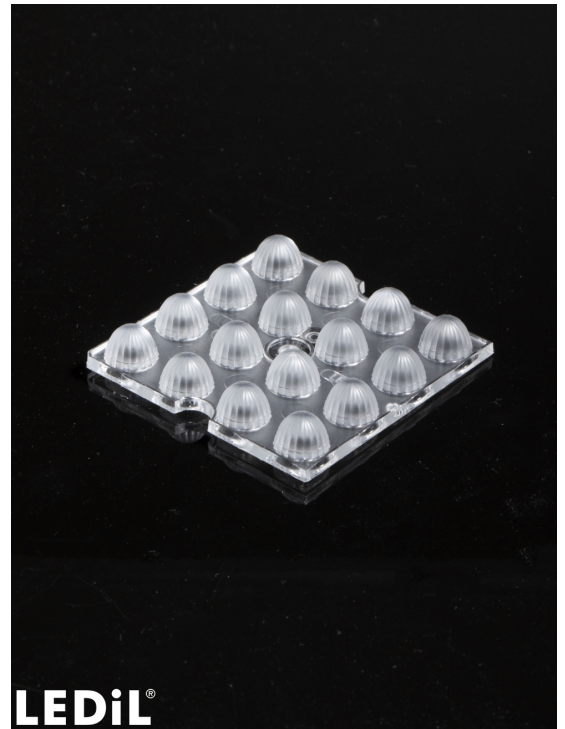
Dimensions	49.5 x 49.5 mm
Height	7.5 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

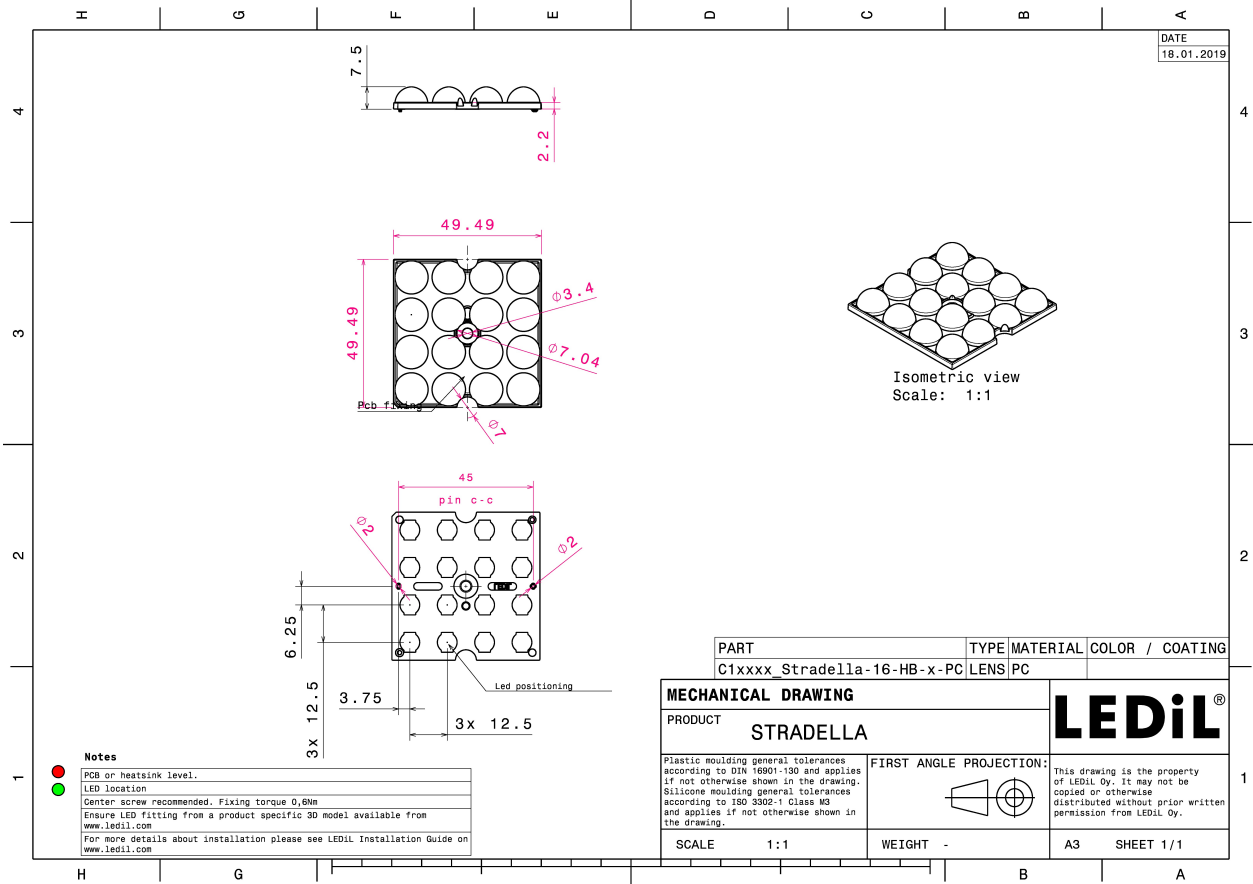
MATERIALS:

Component	Type	Material	Colour	Finish
STRADELLA-16-HB-S-PC	Multi-lens	PC	clear	

ORDERING INFORMATION:


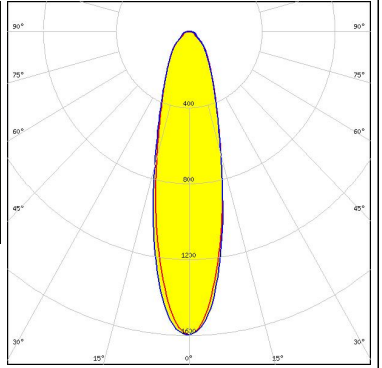

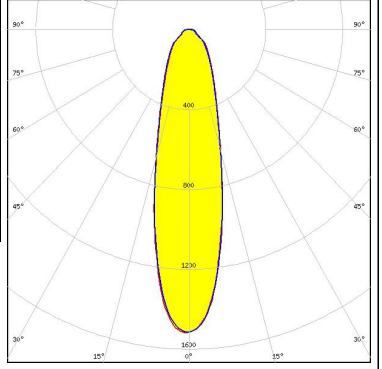
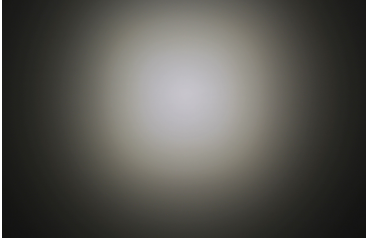
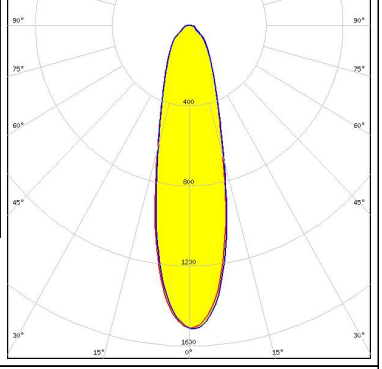
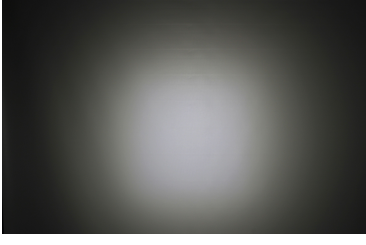
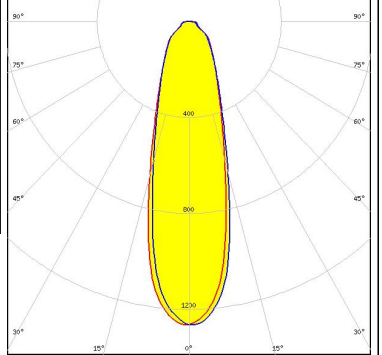
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16599_STRADELLA-16-HB-S-PC » Box size: 480 x 280 x 300 mm	800	160	160	6.5





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

OPTICAL RESULTS (MEASURED):

<p>ELECTRIO Opto Semiconductors</p> <p>LED EHP-223.5x50-1604-xx-70-LS30-06-NTC FWHM / FWTM 27.0° / 77.0° Efficiency 85 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (2 chip) FWHM / FWTM 27.0° / 81.0° Efficiency 85 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour Purple Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ S 3030 (QSLR31) FWHM / FWTM 27.0° / 79.0° Efficiency 84 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>SCIOLUX</p> <p>LED XLE-S44XTEHE (XT-E HE) FWHM / FWTM 30.0° / 90.0° Efficiency 85 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

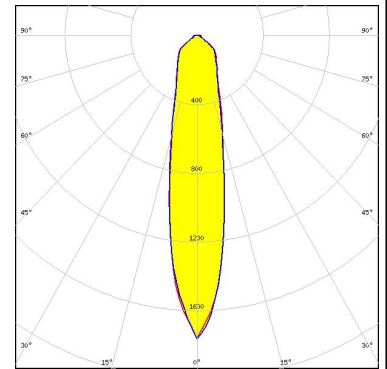
OPTICAL RESULTS (SIMULATED):

<p>bridgelux.</p> <p>LED CSP 2727 (BXCP)</p> <p>FWHM / FWTM 26.0° / 68.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>bridgelux.</p> <p>LED CSP 2727 (BXCP)</p> <p>FWHM / FWTM 26.0° / 68.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 1.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> <p style="background-color: #ADD8E6; padding: 2px; display: inline-block;">Protective plate, glass</p>	
<p>CREE LED</p> <p>LED XP-G2 HE</p> <p>FWHM / FWTM 36.0° / 80.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON 3030 2D (Round LES)</p> <p>FWHM / FWTM 26.0° / 65.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

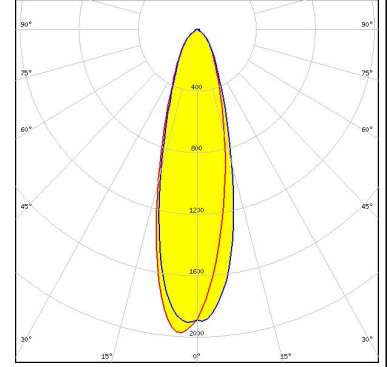
LUMILEDS

LED LUXEON C
 FWHM / FWTM 22.0° / 81.0°
 Efficiency 87 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



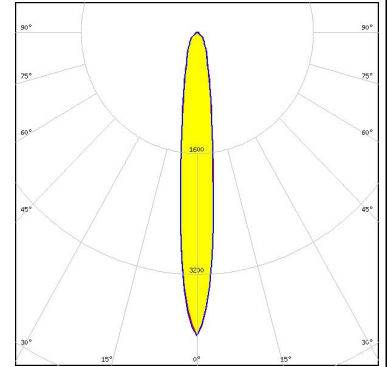
NICHIA

LED NF2x757G
 FWHM / FWTM 27.0° / 68.0°
 Efficiency 87 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



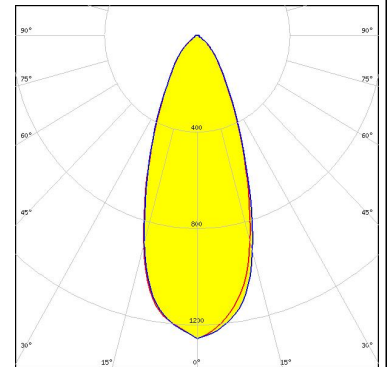
NICHIA

LED NFSWE11A
 FWHM / FWTM 12.0° / 42.0°
 Efficiency 84 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

LED NVSW519A
 FWHM / FWTM 40.0° / 84.0°
 Efficiency 84 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

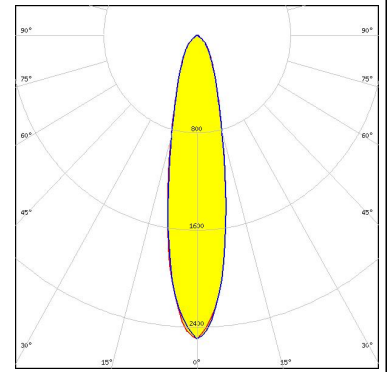


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

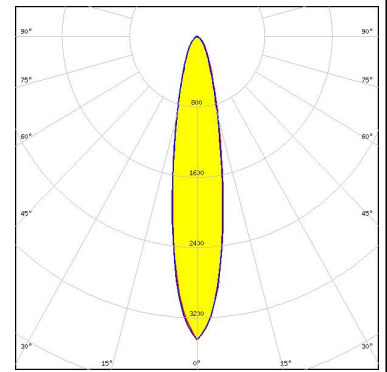
LED OSCONIQ C 2424
 FWHM / FWTM 22.0° / 61.0°
 Efficiency 88 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

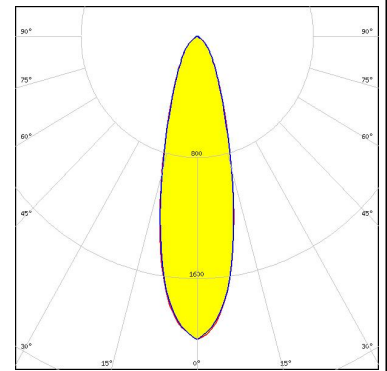
LED OSCONIQ P 3030
 FWHM / FWTM 20.0° / 50.0°
 Efficiency 92 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

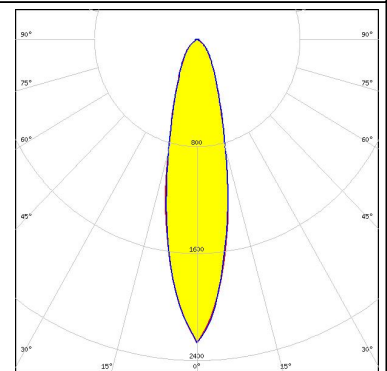
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 28.0° / 68.0°
 Efficiency 88 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

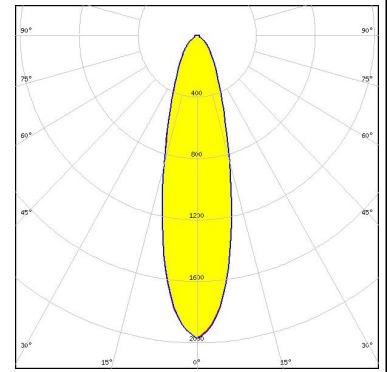
LED LM301B
 FWHM / FWTM 24.0° / 64.0°
 Efficiency 86 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

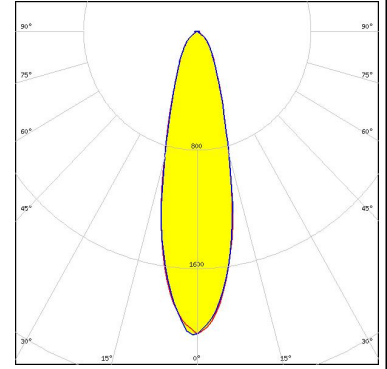
SAMSUNG

LED LM302D
 FWHM / FWTM 27.0° / 68.0°
 Efficiency 87 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

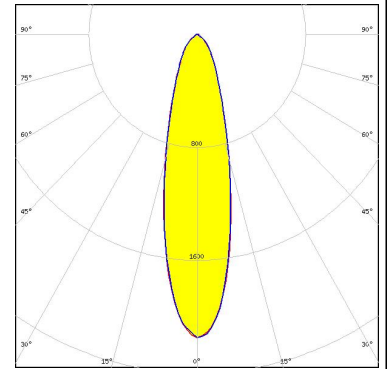


SAMSUNG

LED LM302Z plus
 FWHM / FWTM 28.0° / 66.0°
 Efficiency 86 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED SEOUL DC 3030C
 FWHM / FWTM 26.0° / 66.0°
 Efficiency 88 %
 Peak intensity 2.2 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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