

STRADELLA-16-HB-M2

~60° medium beam for industrial applications.
Improved version with excellent cutoff and low glare.

SPECIFICATION:

Dimensions	49.5 x 49.5
Height	3.2 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

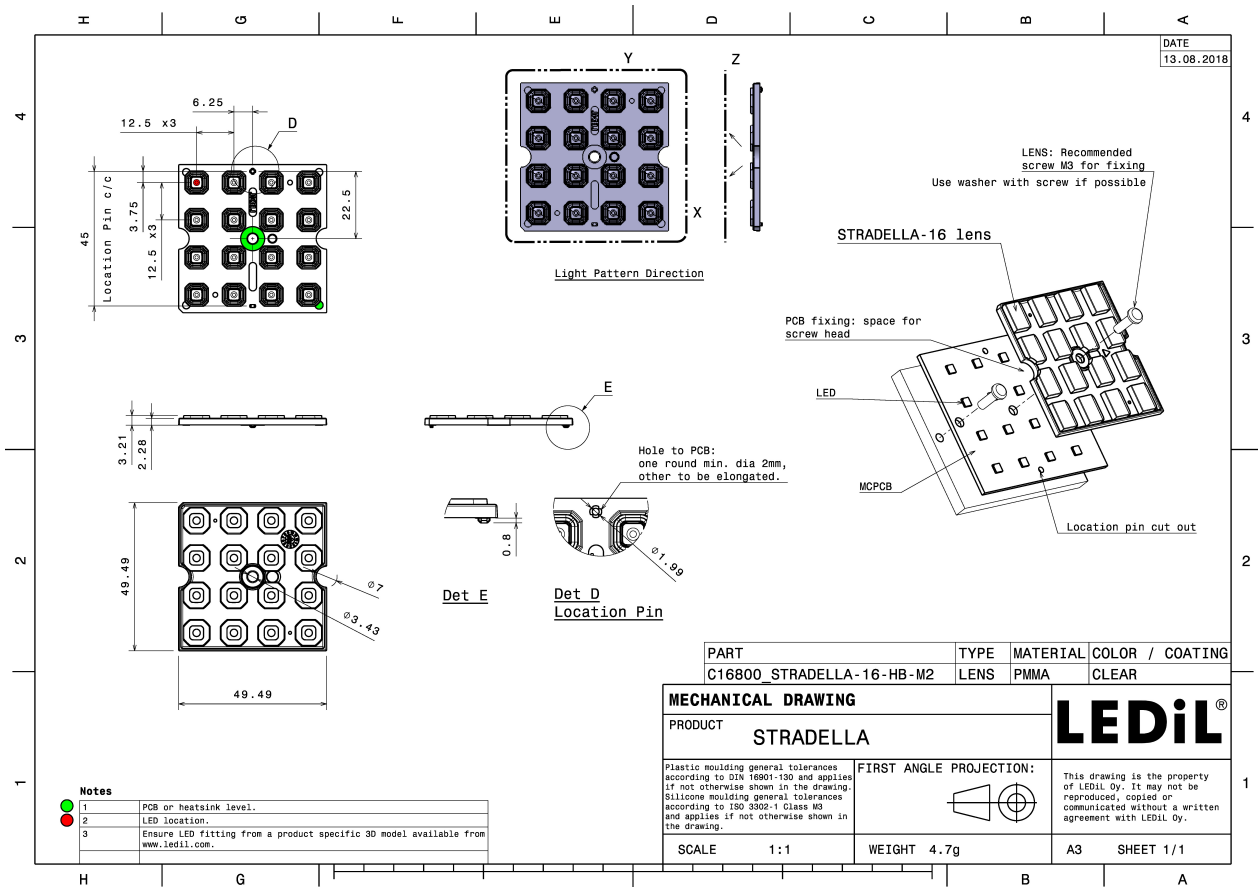


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
STRADELLA-16-HB-M2	Multi-lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16800_STRADELLA-16-HB-M2 » Box size: 480 x 280 x 300 mm	800	160	160	4.6

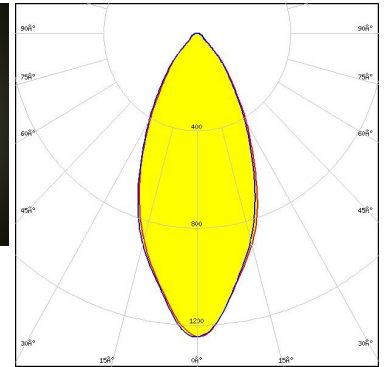


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



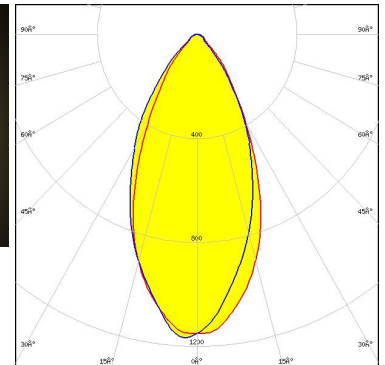
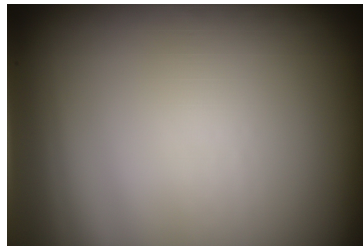
LED JB3030 HE B Class
 FWHM / FWTM 47.0° / 88.0°
 Efficiency 97 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



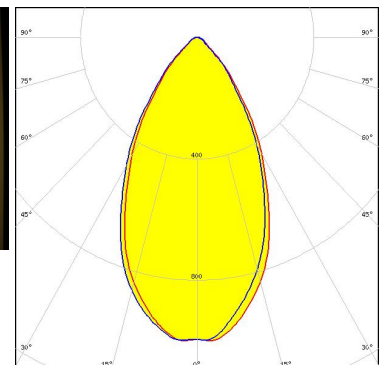
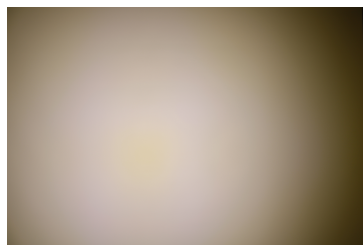
LED EHP-223.5x50-1604-xx-70-LS30-06-NTC
 FWHM / FWTM 49.0° / 89.0°
 Efficiency 97 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED RecLED 172x50mm 3000lm 3x16 STRADELLA-16
 FWHM / FWTM 56.0° / 95.0°
 Efficiency 98 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

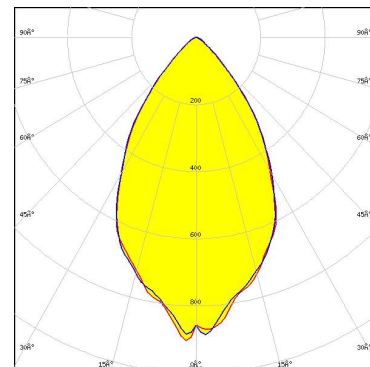


Light distribution files

OPTICAL RESULTS (SIMULATED):



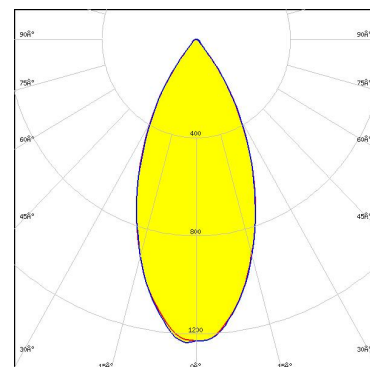
LED Bridgelux SMD 2835
 FWHM / FWTM 61.0 + 62.0° / 96.0°
 Efficiency 96 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED CSP 2727 (BXCP)
 FWHM / FWTM 47.0 + 46.0° / 78.0°
 Efficiency 87 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

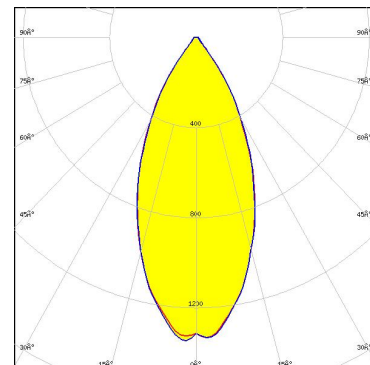


Light distribution files

Protective plate, glass



LED CSP 2727 (BXCP)
 FWHM / FWTM 46.0° / 78.0°
 Efficiency 95 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

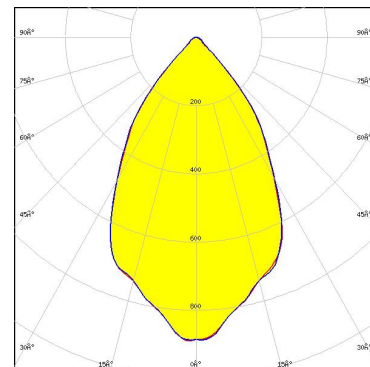


Light distribution files

OPTICAL RESULTS (SIMULATED):



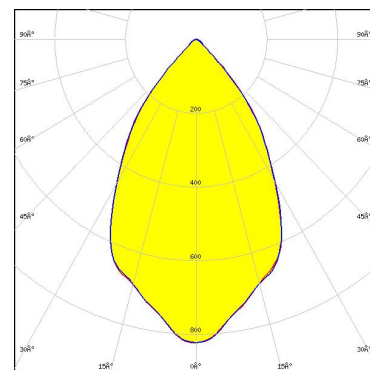
LED LUXEON 2835 Architectural
 FWHM / FWTM 63.0° / 92.0°
 Efficiency 95 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON 2835 Architectural
 FWHM / FWTM 63.0° / 92.0°
 Efficiency 87 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

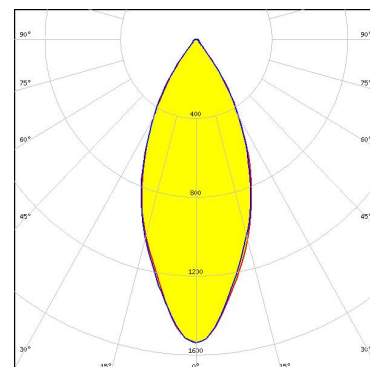


Light distribution files

Protective plate, glass



LED LUXEON HL2Z
 FWHM / FWTM 44.0° / 76.0°
 Efficiency 96 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

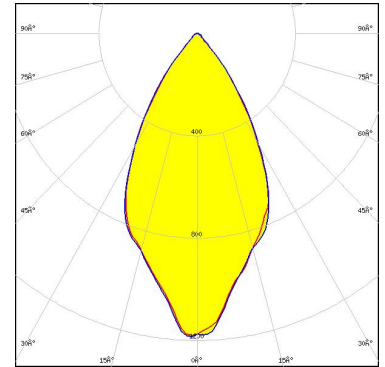


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

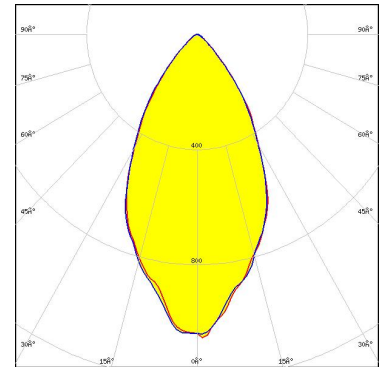
LED: OSCONIQ C 2424 Gen1
FWHM / FWTM: 56.0° / 84.0°
Efficiency: 96 %
Peak intensity: 1.2 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

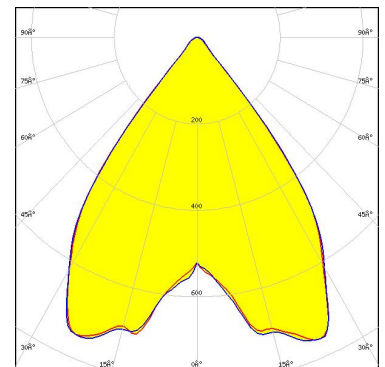
LED: OSCONIQ S 3030 (QSLR31)
FWHM / FWTM: 55.0° / 92.0°
Efficiency: 96 %
Peak intensity: 1.1 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED: OSOLON Pure 1414
FWHM / FWTM: 74.0° / 86.0°
Efficiency: 95 %
Peak intensity: 0.8 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:

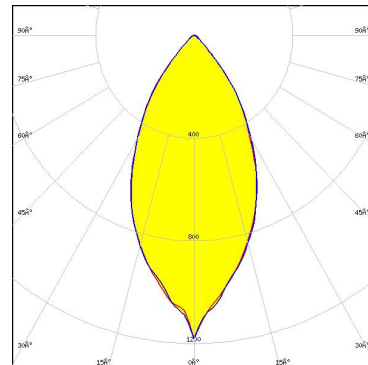


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

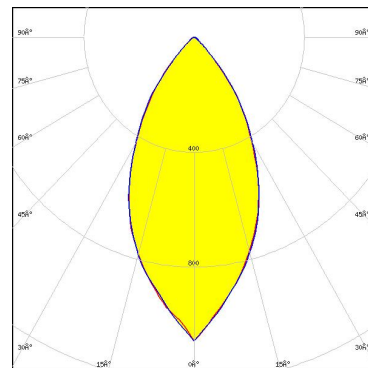
LED LH231B
 FWHM / FWTM 50.0° / 86.0°
 Efficiency 95 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

LED LH231B
 FWHM / FWTM 52.0° / 88.0°
 Efficiency 87 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

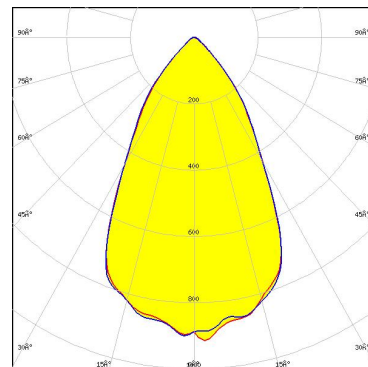


Light distribution files

Protective plate, glass

SAMSUNG

LED LM28xB Series
 FWHM / FWTM 58.0° / 94.0°
 Efficiency 96 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

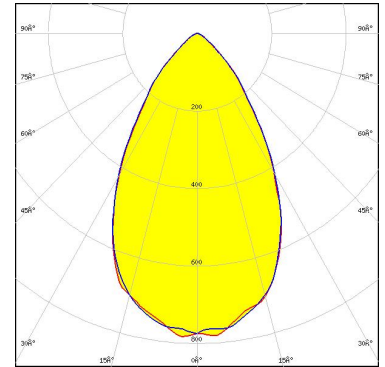
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LM301B
 FWHM / FWTM 63.0° / 100.0°
 Efficiency 90 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

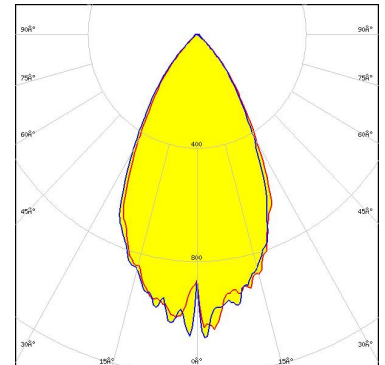
Light distribution files



SAMSUNG

LED LM301B
 FWHM / FWTM 55.0° / 87.0°
 Efficiency 93 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

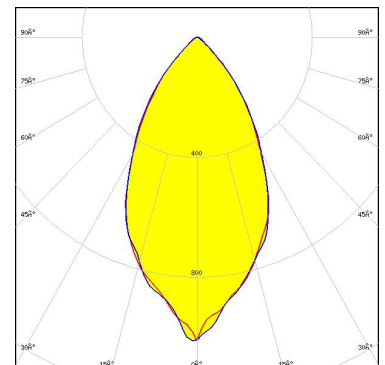
Light distribution files



SAMSUNG

LED LM302Z plus
 FWHM / FWTM 56.0° / 93.0°
 Efficiency 96 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



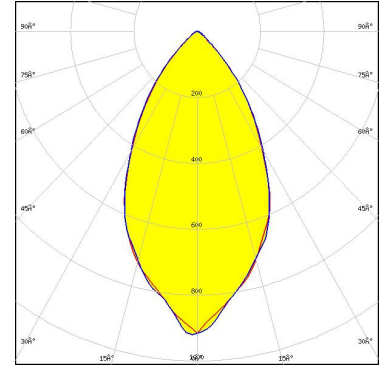
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LM302Z plus
FWHM / FWTM 56.0° / 94.0°
Efficiency 87 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

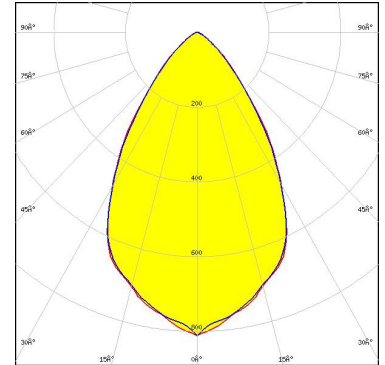
Protective plate, glass

Light distribution files



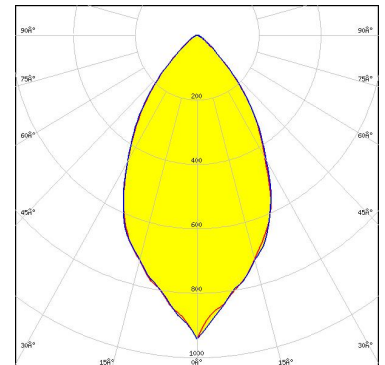
LED SEOUL DC 3030C
FWHM / FWTM 65.0° / 102.0°
Efficiency 96 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED SEOUL DC 3528
FWHM / FWTM 58.0° / 98.0°
Efficiency 95 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



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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