STRADELLA-16-HB-W2

~90° medium beam for industrial applications. Improved version with excellent cutoff and low glare.

SPECIFICATION:

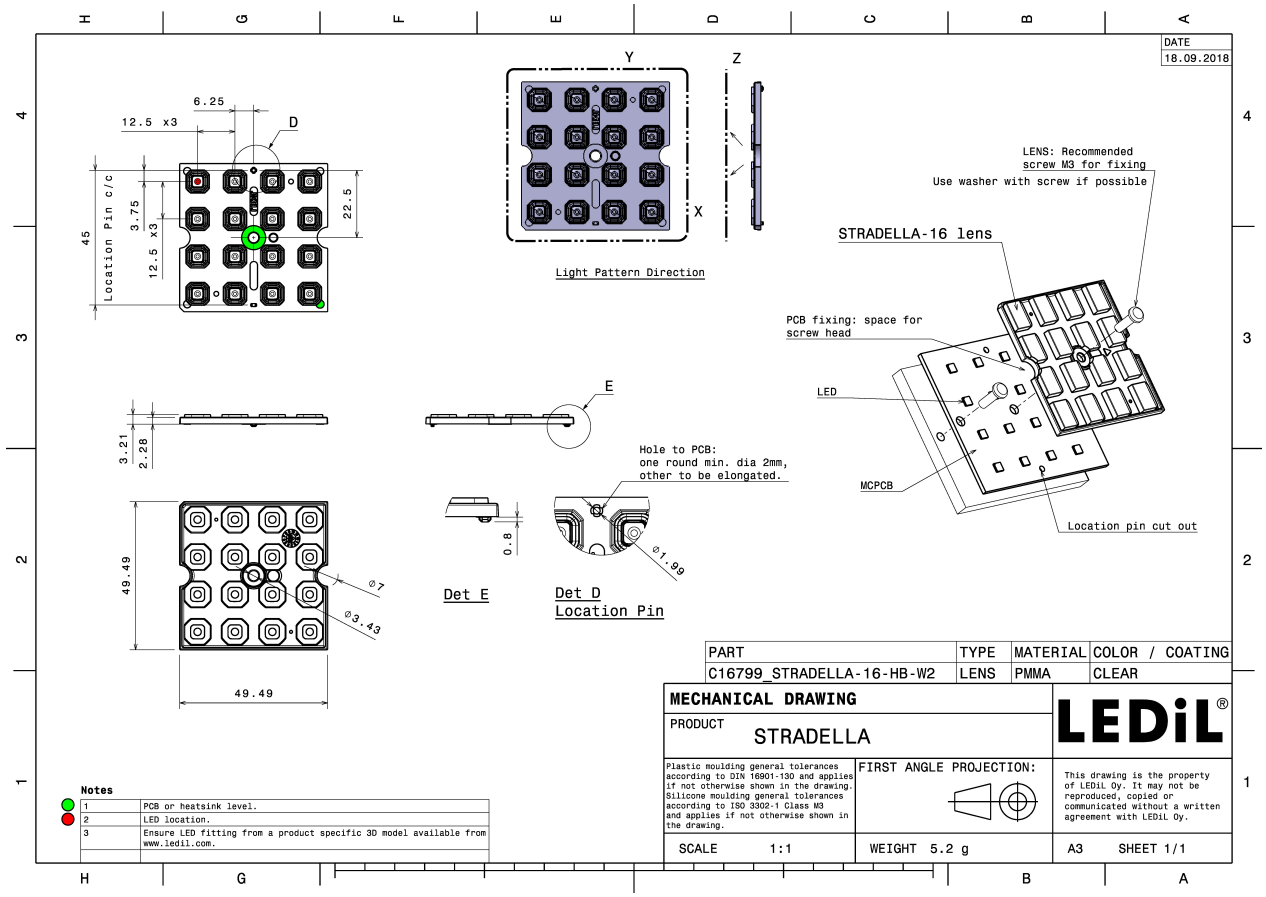
Dimensions	49.5 x 49.5
Height	3.2 mm
Fastening	pin, screw
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
STRADELLA-16-HB-W2	Multi-lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16799_STRADELLA-16-HB-W2 » Box size: 480 x 280 x 300 mm	800	160	160	5.0

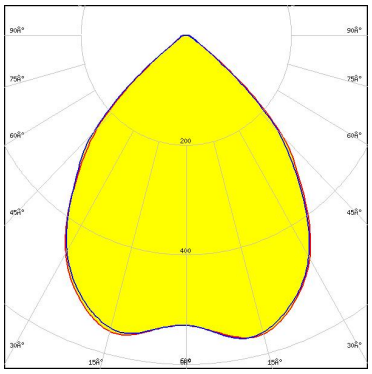


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE LEDs

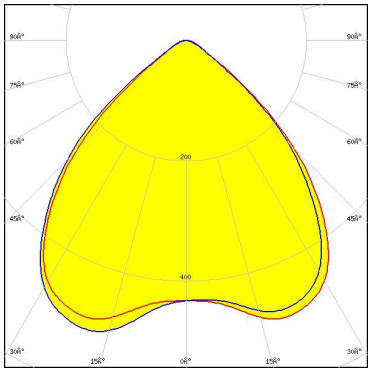
LED	J Series 3030
FWHM / FWTM	86.0° / 110.0°
Efficiency	97 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

ELECTRIO

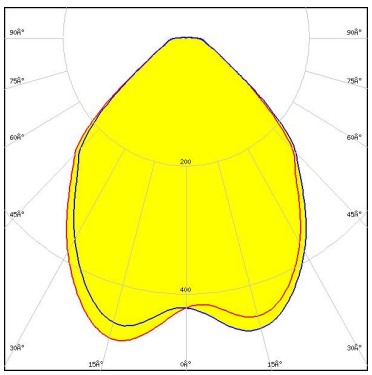
LED	EHP-223.5x50-1604-xx-70-LS30-06-NTC
FWHM / FWTM	91.0° / 116.0°
Efficiency	98 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SCIOLUX

LED	XLE-S44XTEHE (XT-E HE)
FWHM / FWTM	96.0° / 139.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

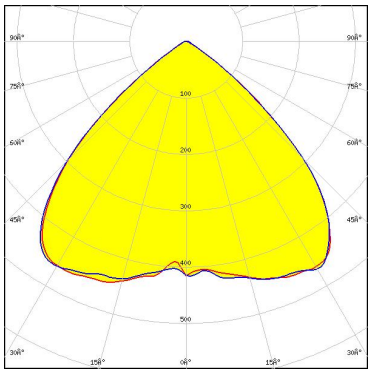


Light distribution files

OPTICAL RESULTS (SIMULATED):

bridgelux

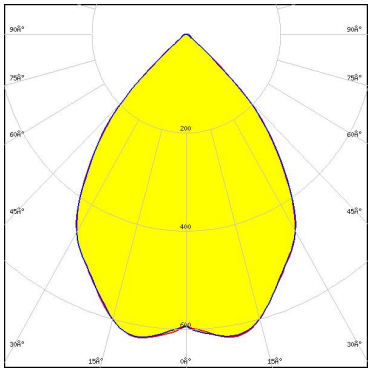
LED	Bridgelux SMD 2835
FWHM / FWTM	96.0° / 114.0°
Efficiency	95 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

bridgelux

LED	CSP 2727 (BXCP)
FWHM / FWTM	78.0° / 100.0°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

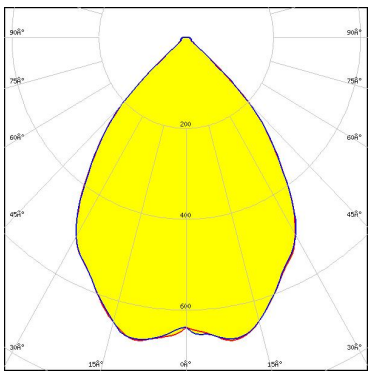


Protective plate, glass

Light distribution files

bridgelux

LED	CSP 2727 (BXCP)
FWHM / FWTM	78.0° / 98.0°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

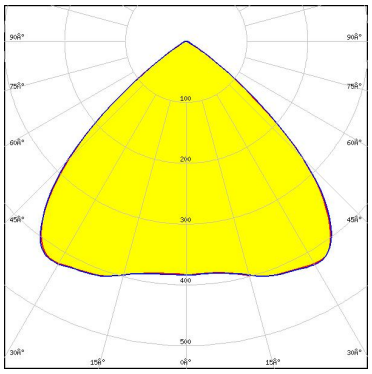


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON 2835 Line
FWHM / FWTM	96.0° / 112.0°
Efficiency	87 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

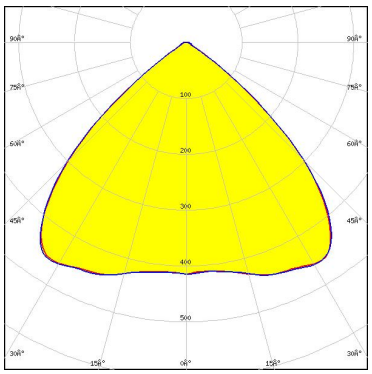


Protective plate, glass

Light distribution files

LUMILEDS

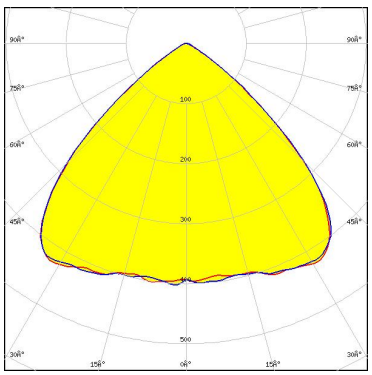
LED	LUXEON 2835 Line
FWHM / FWTM	96.0° / 112.0°
Efficiency	95 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON 3535L HE PLUS
FWHM / FWTM	96.0° / 116.0°
Efficiency	89 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



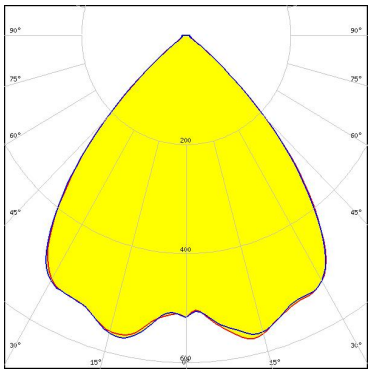
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

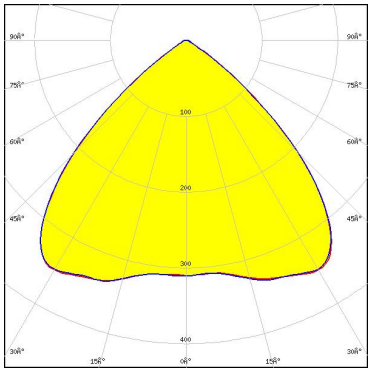
LED	LUXEON HL2Z
FWHM / FWTM	86.0° / 106.0°
Efficiency	96 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

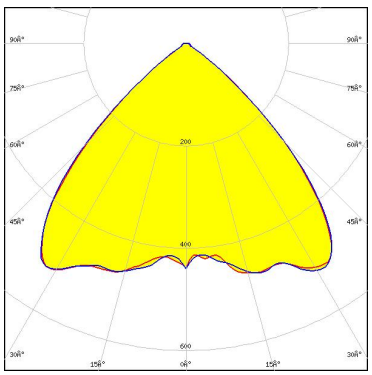
LED	Duris S5 (2 chip)
FWHM / FWTM	94.0° / 114.0°
Efficiency	71 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ C 2424
FWHM / FWTM	92.0° / 108.0°
Efficiency	95 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

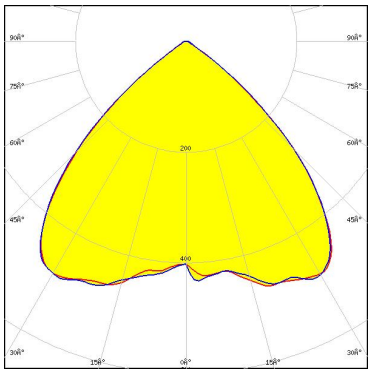


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

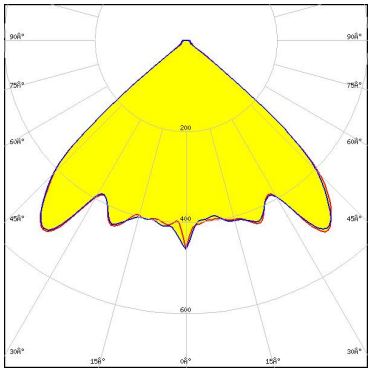
LED	OSCONIQ S 3030 (QSLR31)
FWHM / FWTM	93.0° / 112.0°
Efficiency	95 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Pure 1414
FWHM / FWTM	98.0° / 104.0°
Efficiency	96 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

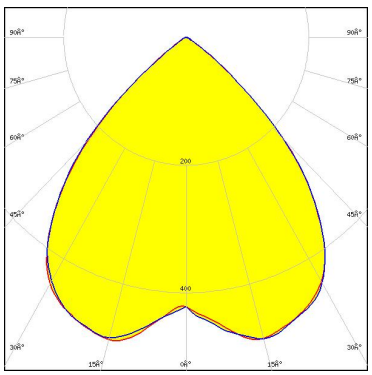


Light distribution files

SAMSUNG

LED	LH231B
FWHM / FWTM	88.0° / 108.0°
Efficiency	87 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

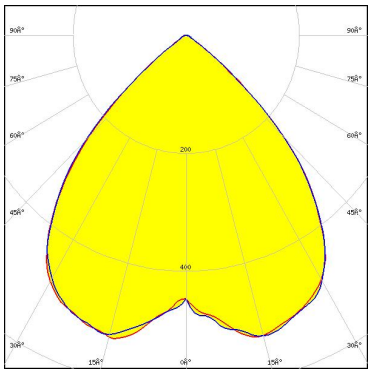


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

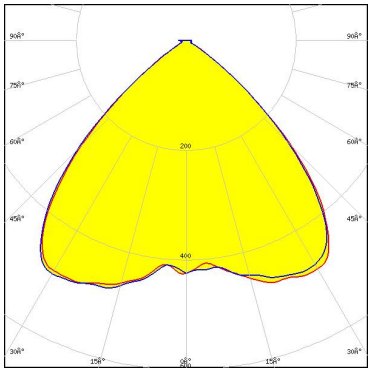
LED	LH231B
FWHM / FWTM	88.0° / 108.0°
Efficiency	95 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LM301B
FWHM / FWTM	92.0° / 112.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

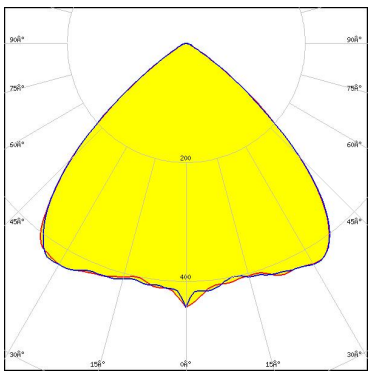


Light distribution files

SAMSUNG

LED	LM301B
FWHM / FWTM	94.0° / 114.0°
Efficiency	89 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

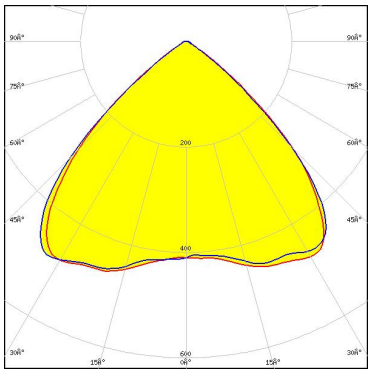


Light distribution files

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

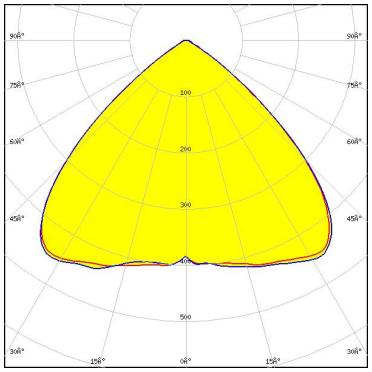
LED	SEOUL 3030
FWHM / FWTM	92.0° / 112.0°
Efficiency	95 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	SEOUL DC 3030C
FWHM / FWTM	96.0° / 115.0°
Efficiency	95 %
Peak intensity	0.5 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:

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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