STRADELLA-16-HB-M2

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

SPECIFICATION:

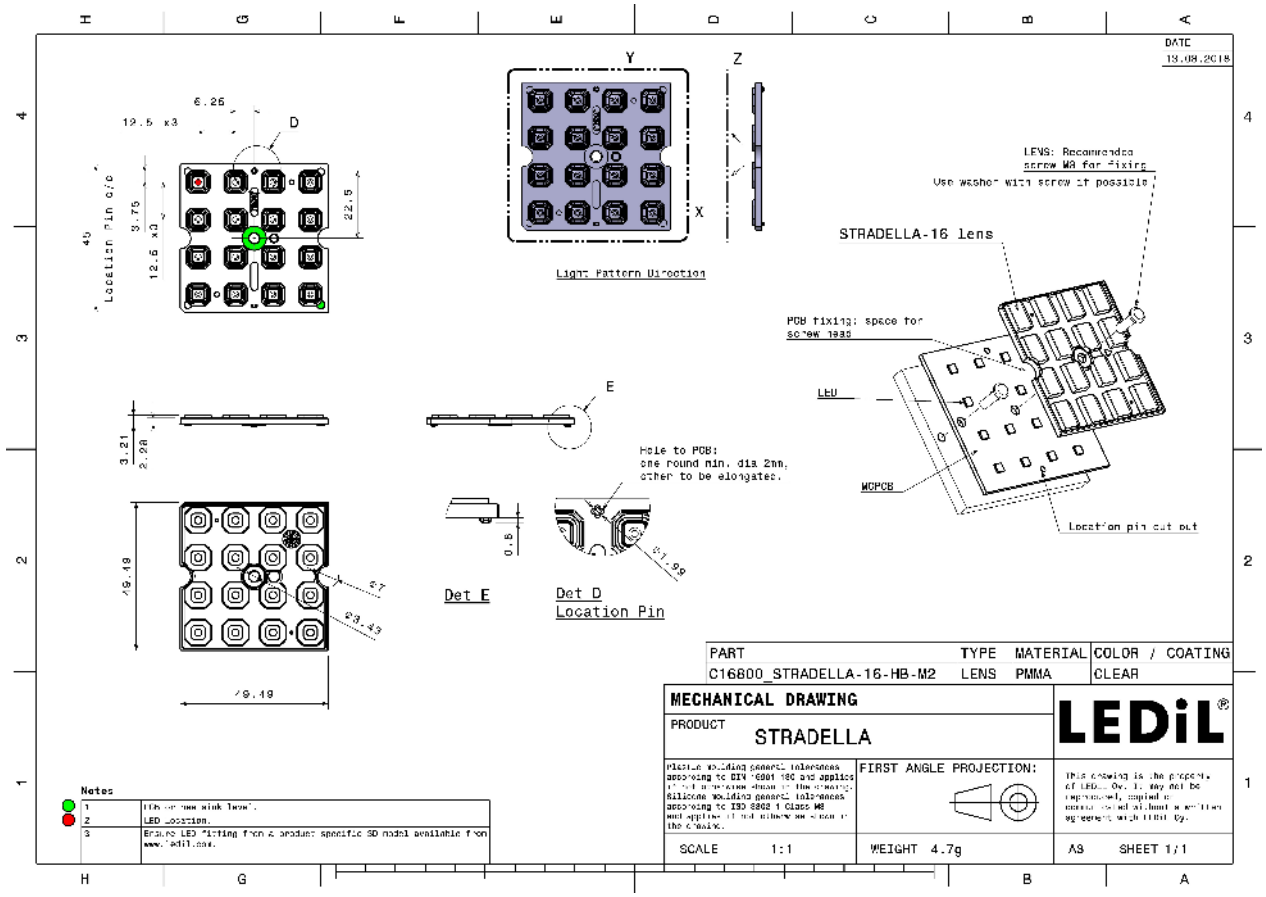
Dimensions	49.5 x 49.5 mm
Height	3.2 mm
Fastening	pin, screw
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish
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

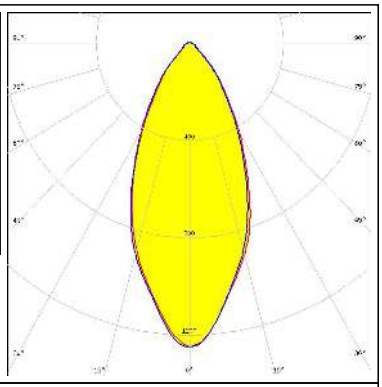


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

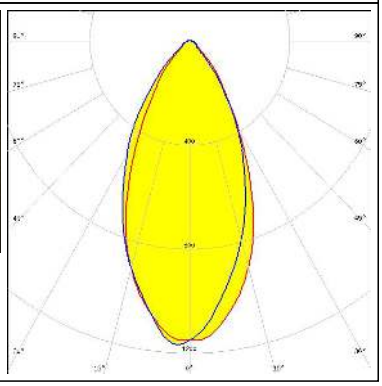
CREE LED

LED	J Series 3030
FWHM / FWTM	47.0° / 88.0°
Efficiency	97 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



ELECTRIO

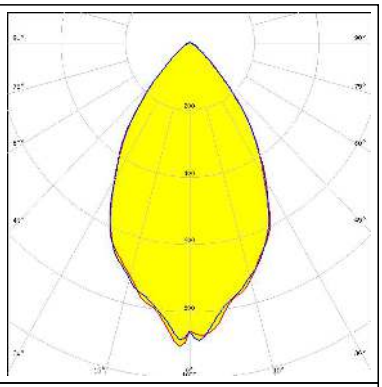
LED	EHP-223.5x50-1604-xx-70-LS30-06-NTC
FWHM / FWTM	49.0° / 89.0°
Efficiency	97 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

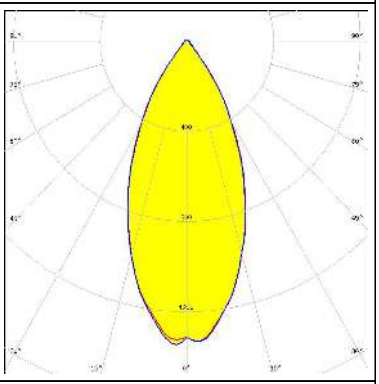
bridgelux

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	White
Required components:	



bridgelux

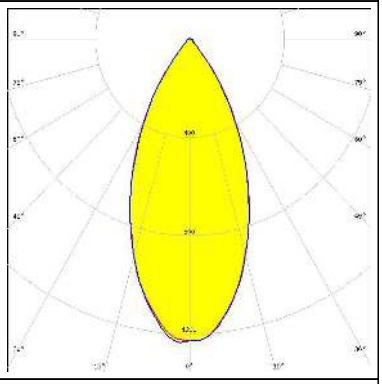
LED	CSP 2727 (BXCP)
FWHM / FWTM	46.0° / 78.0°
Efficiency	95 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



bridgelux

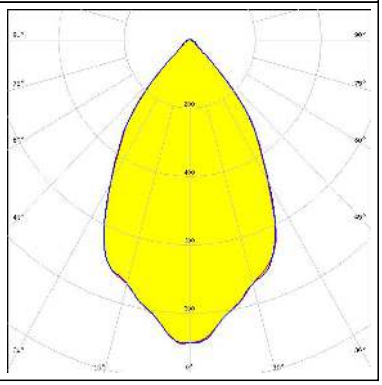
LED	CSP 2727 (BXCP)
FWHM / FWTM	47.0 + 46.0° / 78.0°
Efficiency	87 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



LUMILEDS

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

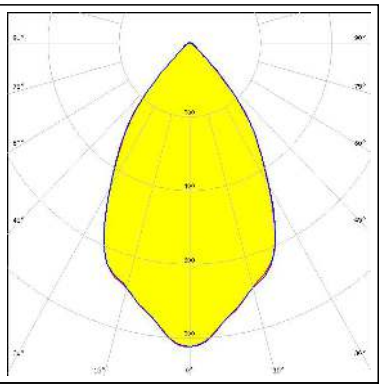


OPTICAL RESULTS (SIMULATED):

LUMILEDS

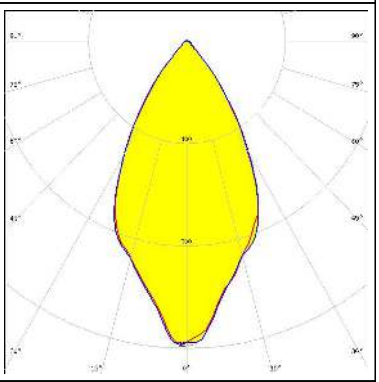
LED	LUXEON 2835 Line
FWHM / FWTM	63.0° / 92.0°
Efficiency	87 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



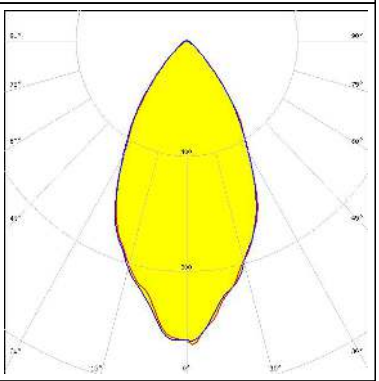
OSRAM
Opto Semiconductors

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



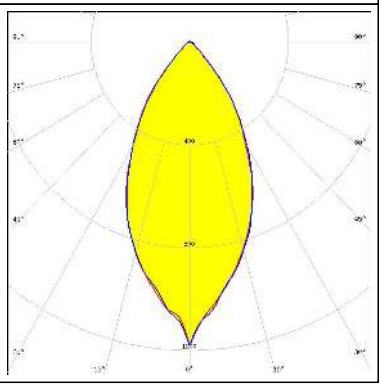
OSRAM
Opto Semiconductors

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	White
Required components:	



SAMSUNG

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



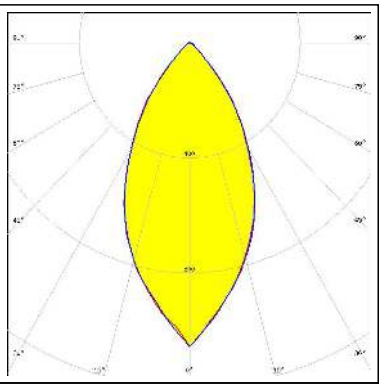
OPTICAL RESULTS (SIMULATED):

SAMSUNG

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

Required components:

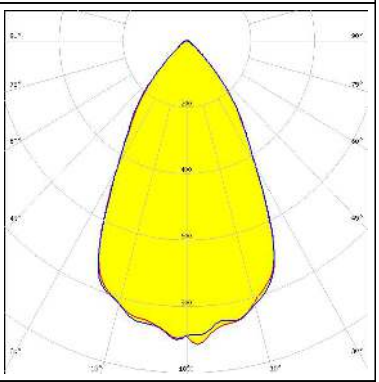
Protective plate, glass



SAMSUNG

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

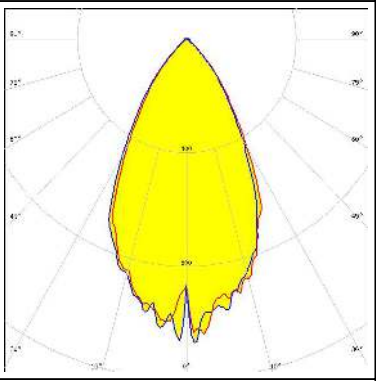
Required components:



SAMSUNG

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

Required components:

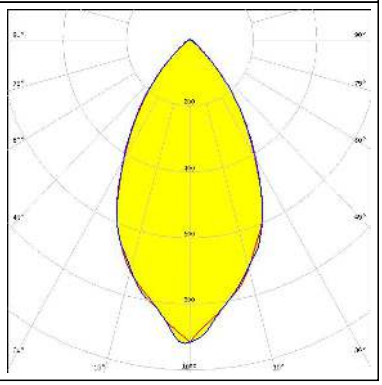


SAMSUNG

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

Required components:

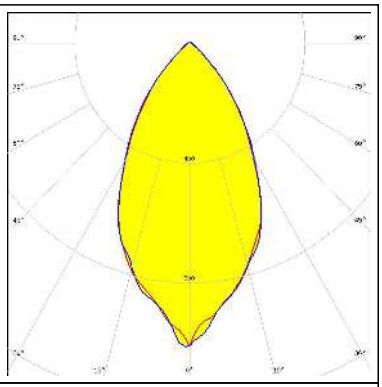
Protective plate, glass



OPTICAL RESULTS (SIMULATED):

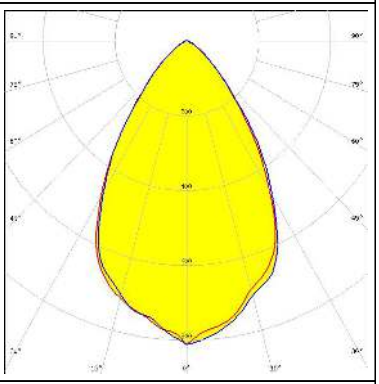
SAMSUNG

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



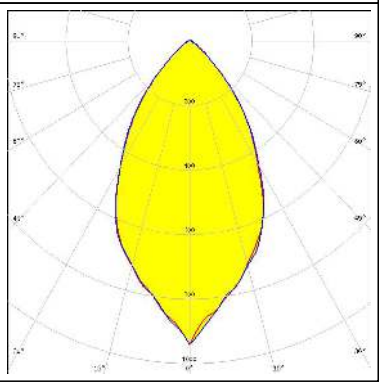
SEOUL SEMICONDUCTOR

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



SEOUL SEMICONDUCTOR

LED	SEOUL DC 3528
FWHM / FWTM	58.0° / 98.0°
Efficiency	95 %
Peak intensity	0.9 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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