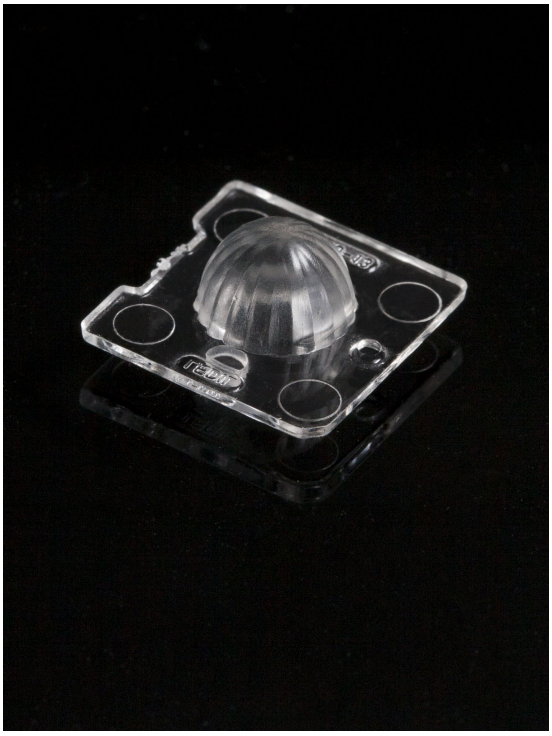
STRADELLA-HB-M

~60° medium beam for industrial applications

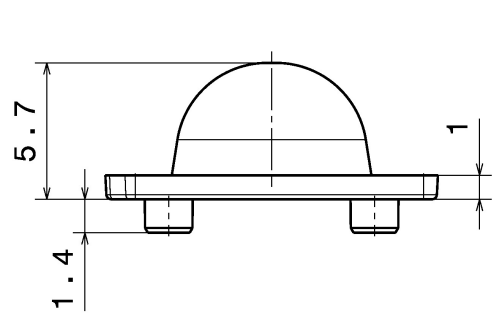


TECHNICAL SPECIFICATIONS:

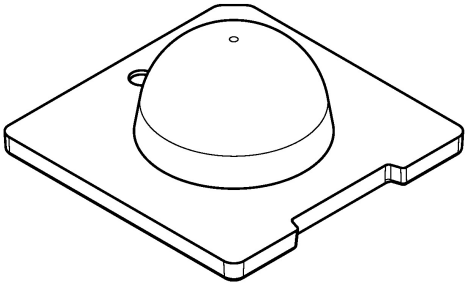
Dimensions	13.9 mm
Height	5.7 mm
Fastening	pin
Colour	clear
Box size	480 x 250 x 390 mm
Box weight	8.5 kg
Quantity in Box	24000 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

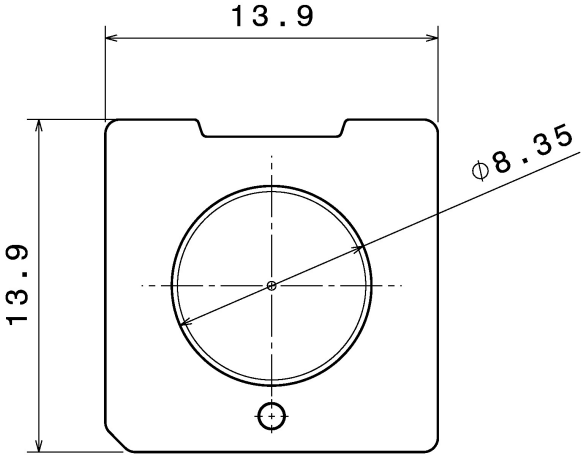
Component	Type	Material	Colour
STRADELLA-HB-M	Single lens	PMMA	clear



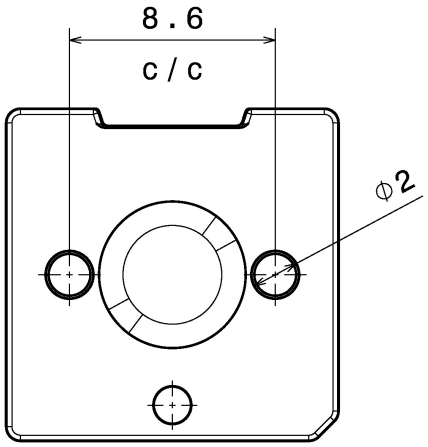
Front view



Isometric view



Top view



Bottom view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15246	STRADELLA-HB-M	PMMA	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
C15246_STRADELLA-HB-M

SIZE A4

PART NUMBER
C15246

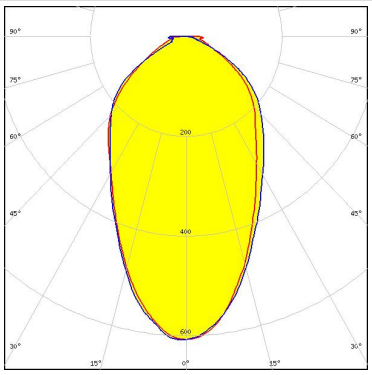
SCALE 1:1 | WEIGHT 0,5 g | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XT-E
FWHM	62.0°
Efficiency	94 %
Peak intensity	0.610 cd/lm
LEDs/each optic	1
Light colour	White

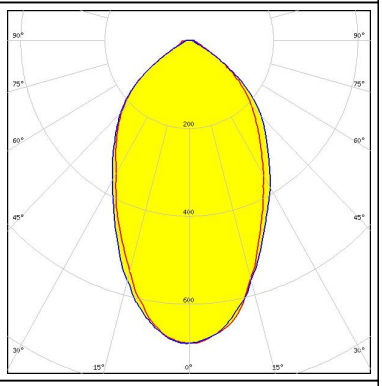
Required components:



NICHIA

LED	NVSW219D
FWHM	61.0°
Efficiency	94 %
Peak intensity	0.690 cd/lm
LEDs/each optic	1
Light colour	White

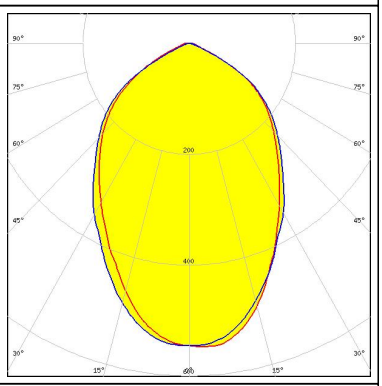
Required components:



NICHIA

LED	NVSW319B
FWHM	78.0°
Efficiency	94 %
Peak intensity	0.550 cd/lm
LEDs/each optic	1
Light colour	White

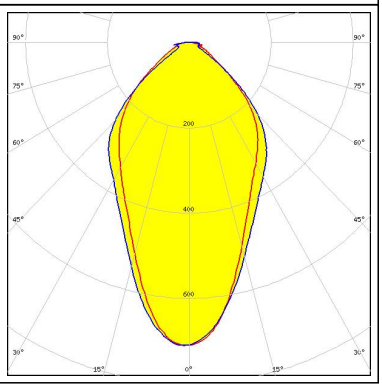
Required components:



SAMSUNG

LED	LH181B
FWHM	58.0°
Efficiency	94 %
Peak intensity	0.700 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

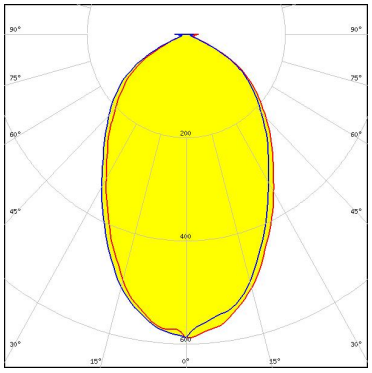


PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XP-G2 HE
FWHM	70.0°
Efficiency	95 %
Peak intensity	0.601 cd/lm
LEDs/each optic	1
Light colour	White

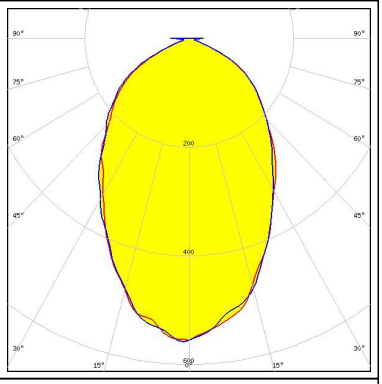
Required components:



CREE

LED	XP-G3
FWHM	73.0°
Efficiency	94 %
Peak intensity	0.565 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LUMILEDS

LED	LUXEON IR Domed 150
FWHM	70.0°
Efficiency	93 %
Peak intensity	0.000 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

LUMILEDS

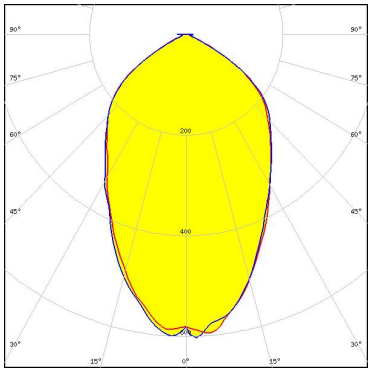
LED	LUXEON IR Domed 90
FWHM	47.0°
Efficiency	94 %
Peak intensity	0.000 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

PHOTOMETRIC DATA (SIMULATED):

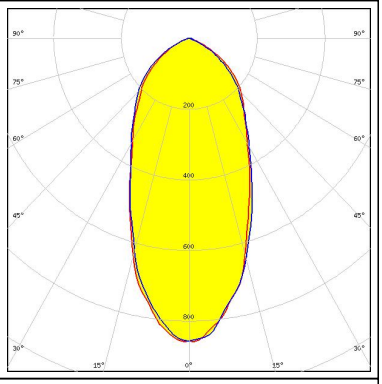
NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	68.0°
Efficiency	94 %
Peak intensity	0.610 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



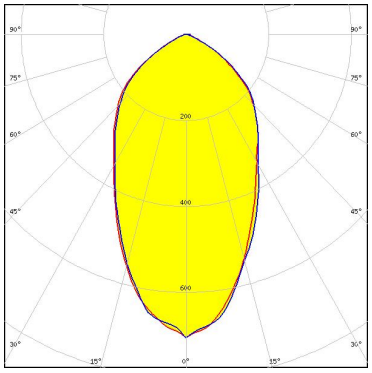
OSRAM
Opto Semiconductors

LED	OSCONIQ P 3030
FWHM	50.0°
Efficiency	97 %
Peak intensity	0.874 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



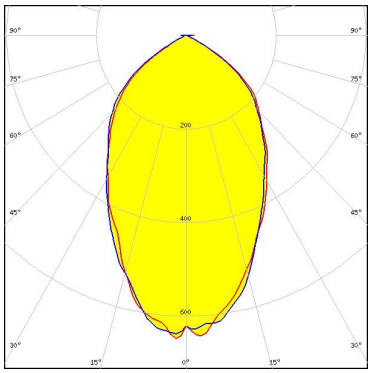
OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (2W version)
FWHM	59.0°
Efficiency	94 %
Peak intensity	0.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

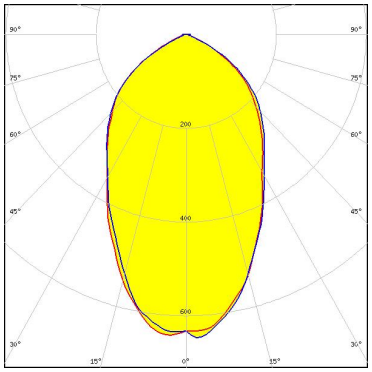
LED	LH351B
FWHM	63.0°
Efficiency	93 %
Peak intensity	0.670 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

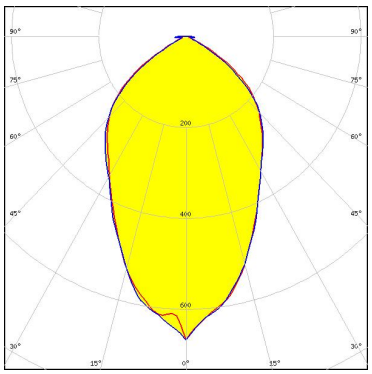
SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	64.0°
Efficiency	94 %
Peak intensity	0.660 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y22T
FWHM	62.0°
Efficiency	94 %
Peak intensity	0.670 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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