HB-IP-2X6-G2-WWW

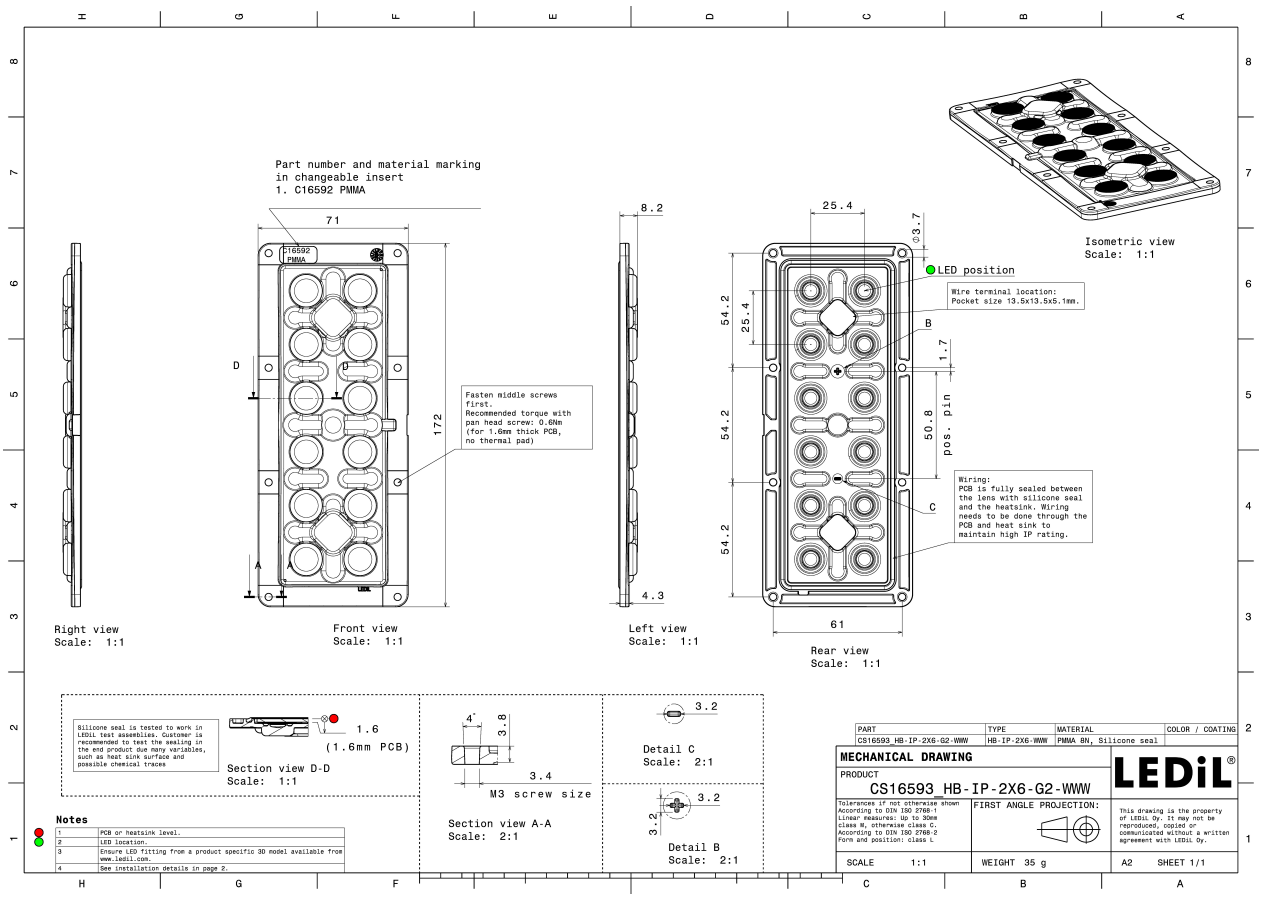
~90° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	172.0 x 71.0 mm
Height	8.2 mm
Fastening	pin, screw
Colour	clear
Box size	476 x 273 x 247 mm
Box weight	5.8 kg
Quantity in Box	132 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

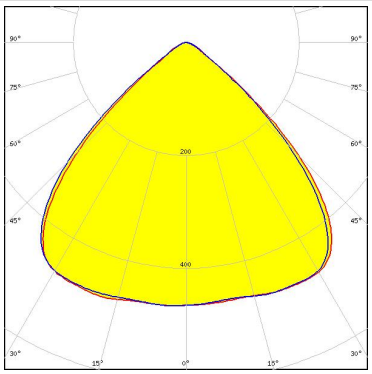
Component	Type	Material	Colour
HB-IP-2X6-G2-WWW	Multi-lens	PMMA	clear
SEAL-IP-2X6-G2	Seal	Silicone	white



PHOTOMETRIC DATA (MEASURED):

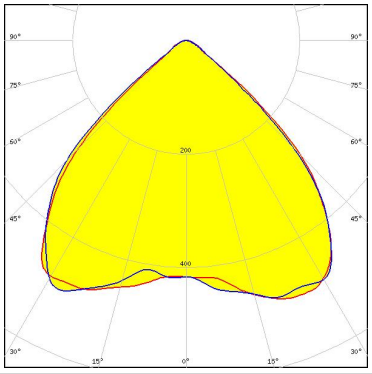
SEOUL SEMICONDUCTOR

LED	2x6 5050 module - SMJD-3625012F-XX
FWHM	93.0°
Efficiency	94 %
Peak intensity	0.480 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



TRIDONIC

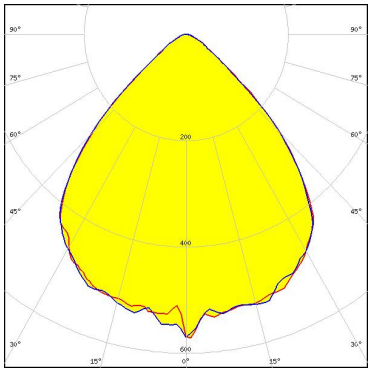
LED	RLE 2x6 3000lm HP EXC2 OTD
FWHM	95.0°
Efficiency	94 %
Peak intensity	0.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

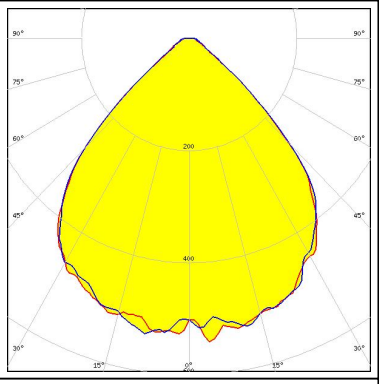
bridgelux

LED	Bridgelux SMD 5050
FWHM	87.4°
Efficiency	96 %
Peak intensity	0.578 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



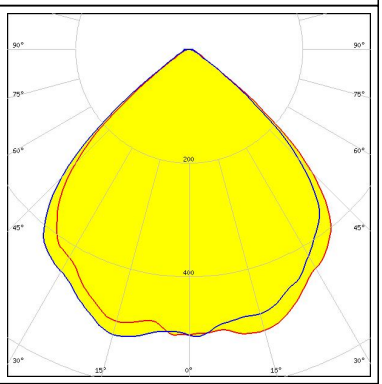
CREE

LED	MHB-A/B
FWHM	89.2°
Efficiency	96 %
Peak intensity	0.552 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



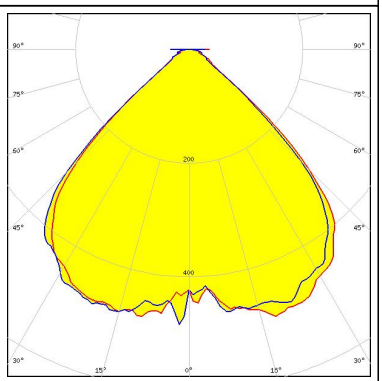
CREE

LED	XP-G2
FWHM	93.0°
Efficiency	94 %
Peak intensity	0.520 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

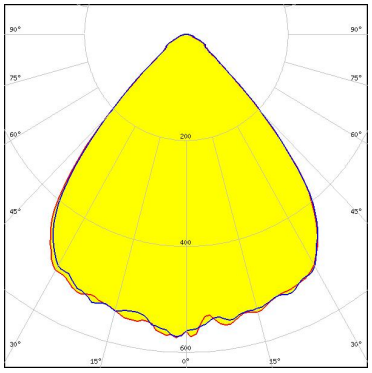
LED	XP-G3
FWHM	92.8°
Efficiency	95 %
Peak intensity	0.504 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

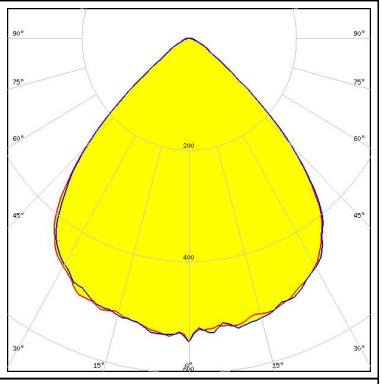
LUMILEDS

LED	LUXEON 5050
FWHM	85.2°
Efficiency	96 %
Peak intensity	0.587 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



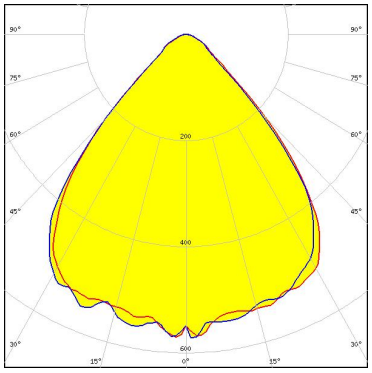
NICHIA

LED	NFMW48xA
FWHM	88.8°
Efficiency	96 %
Peak intensity	0.562 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



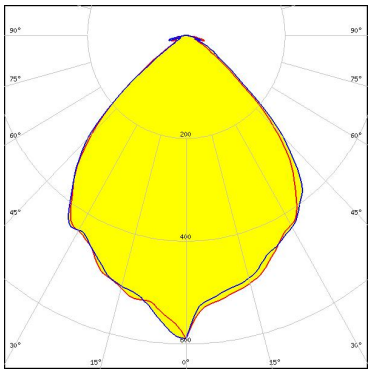
OSRAM
Opto Semiconductors

LED	Duris S8
FWHM	84.6°
Efficiency	96 %
Peak intensity	0.591 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

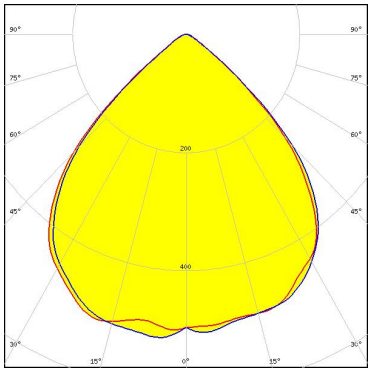
LED	OSCONIQ P 3737 (2W version)
FWHM	87.0°
Efficiency	94 %
Peak intensity	0.590 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

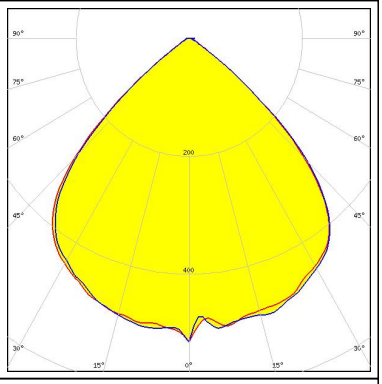
OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM	90.0°
Efficiency	94 %
Peak intensity	0.520 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



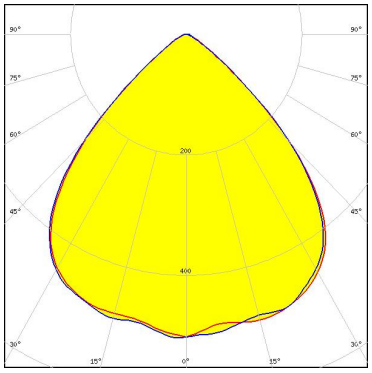
SAMSUNG

LED	LH351B
FWHM	93.0°
Efficiency	94 %
Peak intensity	0.500 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



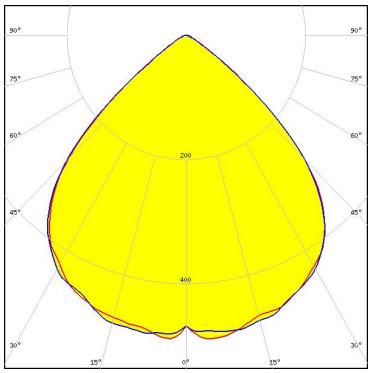
SAMSUNG

LED	LH508B
FWHM	90.0°
Efficiency	94 %
Peak intensity	0.510 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	SEOUL DC 5050 6V
FWHM	94.0°
Efficiency	94 %
Peak intensity	0.490 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

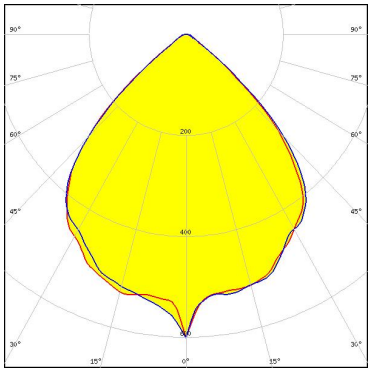


PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	88.0°
Efficiency	94 %
Peak intensity	0.600 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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