VIRPI-W

~40° wide beam

TECHNICAL SPECIFICATIONS:

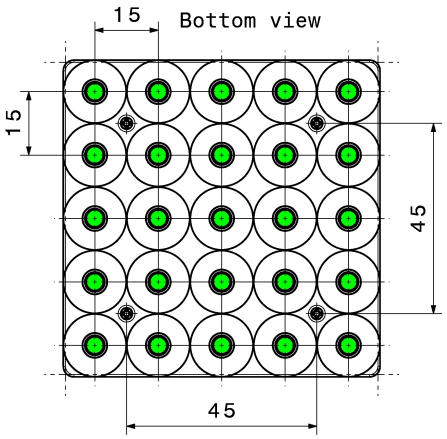
Dimensions	74.9 mm
Height	9.5 mm
Fastening	glue, pin
Colour	clear
Box size	470 x 280 x 300 mm
Box weight	12.6 kg
Quantity in Box	360 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

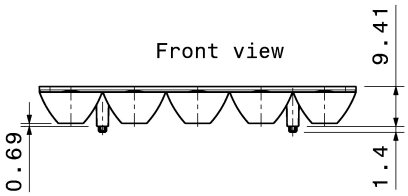
Component	Type	Material	Colour
VIRPI-W	Lens array	PMMA	clear

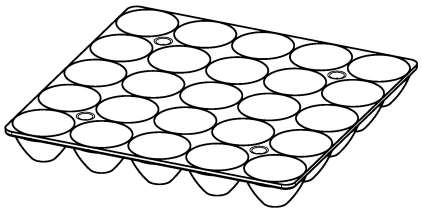
DATE
12.07.2018

Bottom view



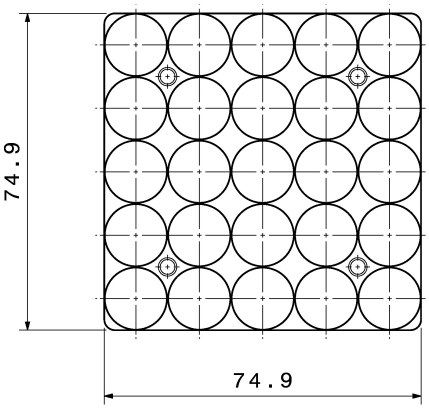
Front view





Isometric view

Top view



PART	TYPE	MATERIAL	COLOR / COATING
-	LENS	PMMA	CLEAR

MECHANICAL DRAWING

PRODUCT
VIRPI

LEDiL®

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

SCALE 1:1 | WEIGHT - | A3 SHEET 1/1

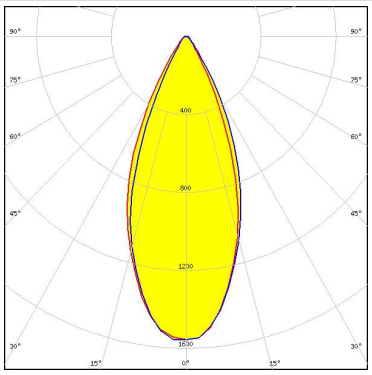
Notes

- LED location
- Ensure LED fitting from a product specific 3D model available from www.ledil.com
- For more details about installation please see LEDiL Installation Guide on www.ledil.com

PHOTOMETRIC DATA (MEASURED):

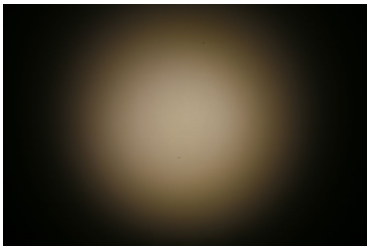
CREE

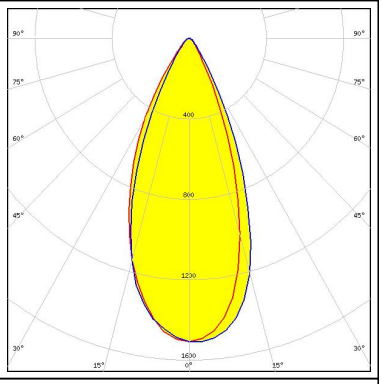
LED	XB-D
FWHM	40.0°
Efficiency	90 %
Peak intensity	1.740 cd/lm
Required components:	



CREE

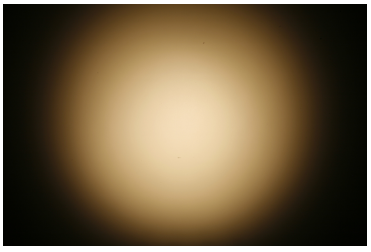
LED	XH-B/G
FWHM	43.0°
Efficiency	91 %
Peak intensity	1.500 cd/lm
Required components:	

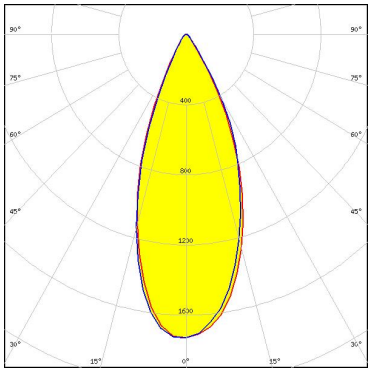




CREE

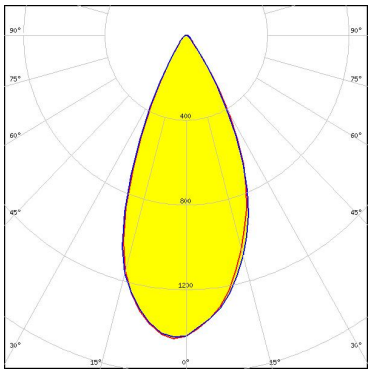
LED	XP-E2
FWHM	41.0°
Efficiency	91 %
Peak intensity	1.700 cd/lm
Required components:	





CREE

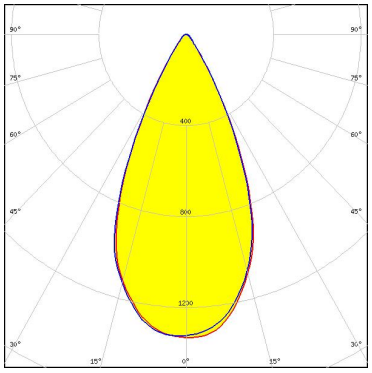
LED	XP-G
FWHM	48.0°
Efficiency	92 %
Peak intensity	1.300 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

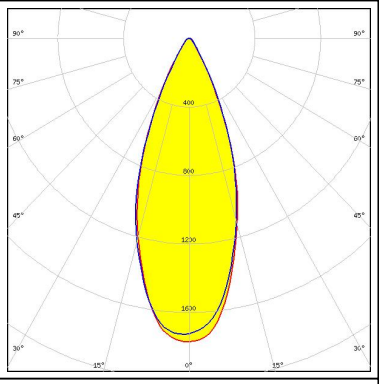
CREE

LED	XP-G2
FWHM	49.0°
Efficiency	91 %
Peak intensity	1.300 cd/lm
Required components:	



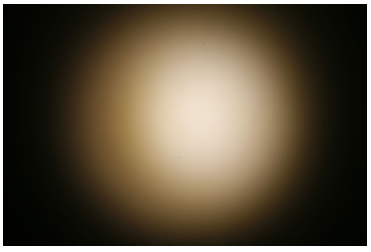
CREE

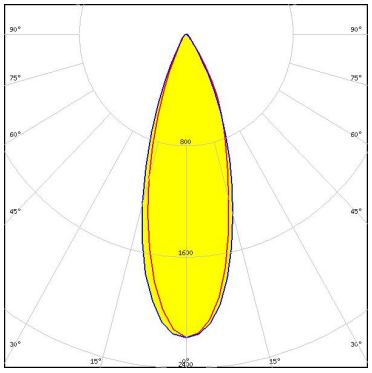
LED	XT-E
FWHM	41.0°
Efficiency	90 %
Peak intensity	1.680 cd/lm
Required components:	



LG Innotek

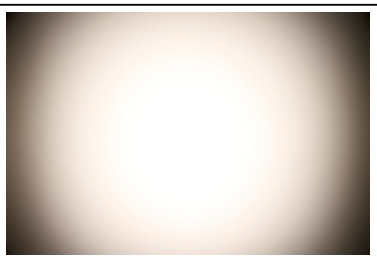
LED	LG 3030
FWHM	34.0°
Efficiency	92 %
Peak intensity	2.200 cd/lm
Required components:	

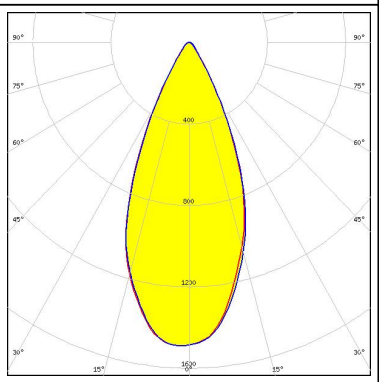




LUMILEDS

LED	LUXEON Rebel ES
FWHM	42.0°
Efficiency	91 %
Peak intensity	1.620 cd/lm
Required components:	

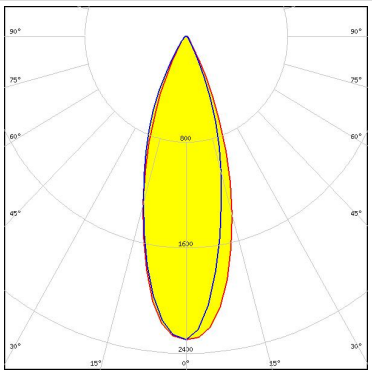




PHOTOMETRIC DATA (MEASURED):

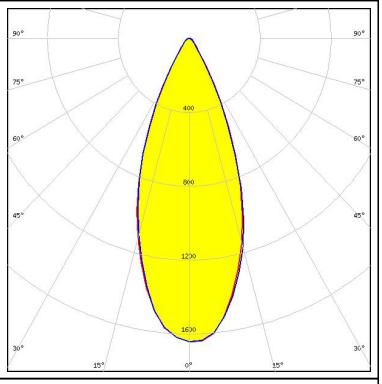
NICHIA

LED	NF2x757A
FWHM	33.0°
Efficiency	92 %
Peak intensity	2.300 cd/lm
Required components:	



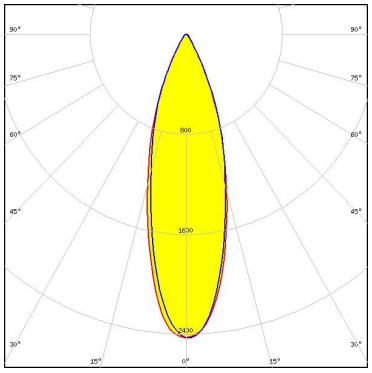
NICHIA

LED	NVSxx19A
FWHM	40.0°
Efficiency	90 %
Peak intensity	1.670 cd/lm
Required components:	



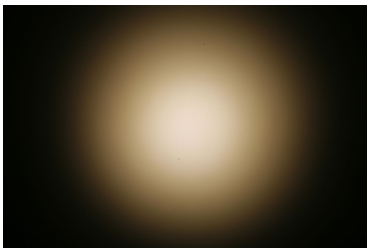
OSRAM
Opto Semiconductors

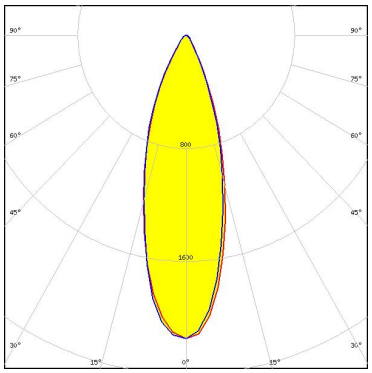
LED	Duris S5 (Single chip)
FWHM	31.0°
Efficiency	93 %
Peak intensity	2.400 cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	OSCONIQ P 2226
FWHM	32.0°
Efficiency	90 %
Peak intensity	2.200 cd/lm
Required components:	

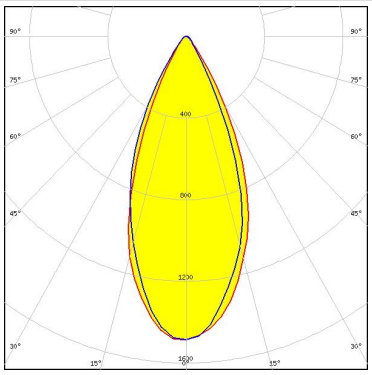




PHOTOMETRIC DATA (MEASURED):

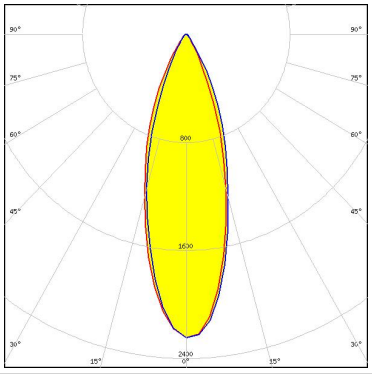
OSRAM
Opto Semiconductors

LED	Oslon Square EC
FWHM	43.0°
Efficiency	91 %
Peak intensity	1.570 cd/lm
Required components:	



SAMSUNG

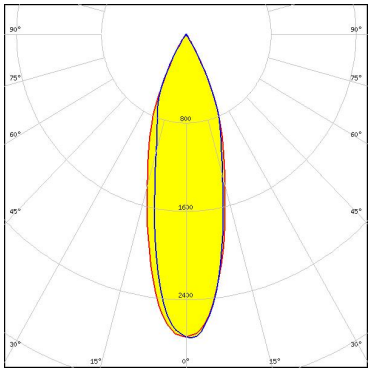
LED	LM231 A/B
FWHM	32.0°
Efficiency	92 %
Peak intensity	2.300 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

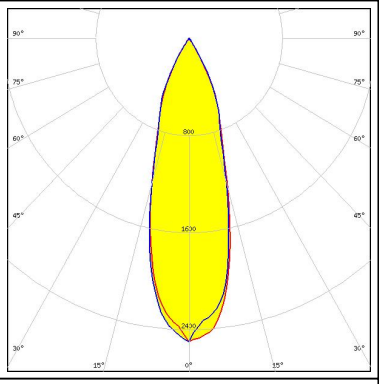
LUMILEDS

LED	LUXEON 3535L
FWHM	28.0°
Efficiency	93 %
Peak intensity	2.800 cd/lm
Required components:	



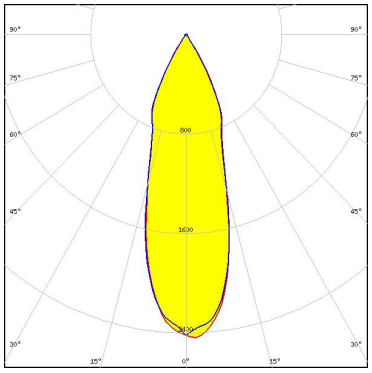
LUMILEDS

LED	LUXEON C
FWHM	30.0°
Efficiency	86 %
Peak intensity	2.500 cd/lm
Required components:	



LUMILEDS

LED	LUXEON CZ
FWHM	32.0°
Efficiency	94 %
Peak intensity	2.400 cd/lm
Required components:	



LUMILEDS

LED	LUXEON SunPlus 20 Line
FWHM	29.0°
Efficiency	87 %
Peak intensity	2.500 cd/lm
Required components:	

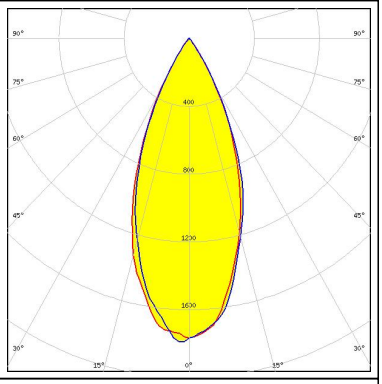
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON SunPlus 35 Line
FWHM	26.0°
Efficiency	93 %
Peak intensity	3.000 cd/lm
Required components:	

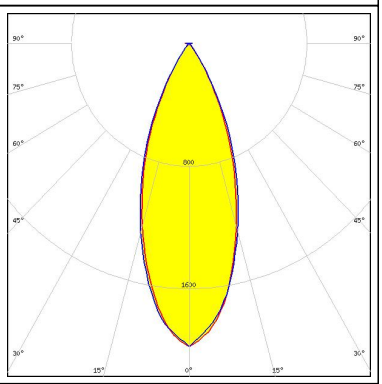
LUMILEDS

LED	LUXEON T
FWHM	42.0°
Efficiency	93 %
Peak intensity	1.790 cd/lm
Required components:	



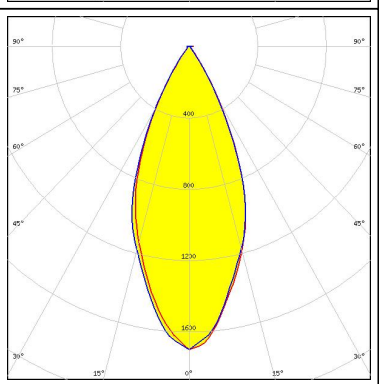
LUMILEDS

LED	LUXEON TX
FWHM	38.0°
Efficiency	93 %
Peak intensity	2.000 cd/lm
Required components:	



NICHIA

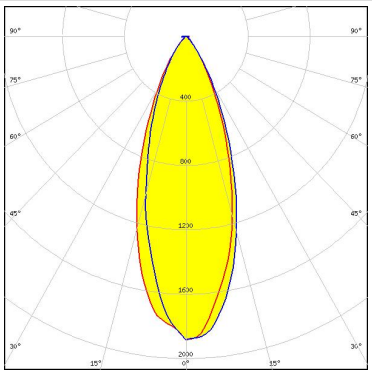
LED	NVSxx19B/NVSxx19C
FWHM	44.0°
Efficiency	94 %
Peak intensity	1.700 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

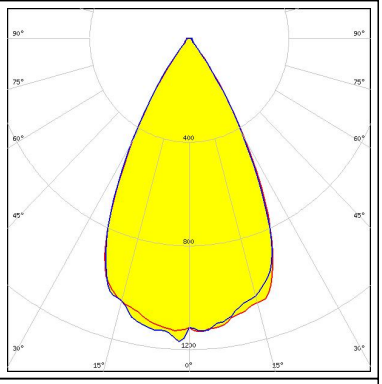
OSRAM
Opto Semiconductors

LED	Oslon Square Gen3
FWHM	36.0°
Efficiency	94 %
Peak intensity	1.900 cd/lm
Required components:	



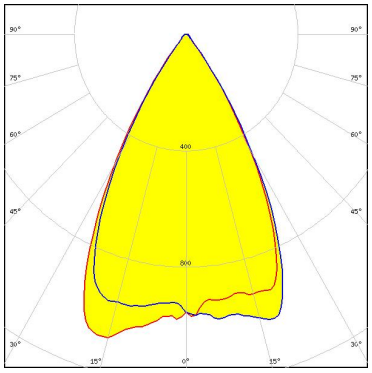
SAMSUNG

LED	LH351B
FWHM	55.0°
Efficiency	94 %
Peak intensity	1.171 cd/lm
Required components:	



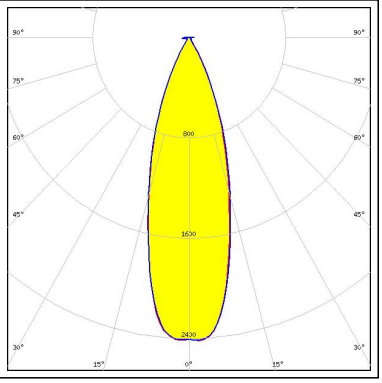
SAMSUNG

LED	LH351C
FWHM	54.0°
Efficiency	94 %
Peak intensity	1.102 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM	31.5°
Efficiency	94 %
Peak intensity	2.400 cd/lm
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:

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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