FLORENCE-1R-MAXI-WG

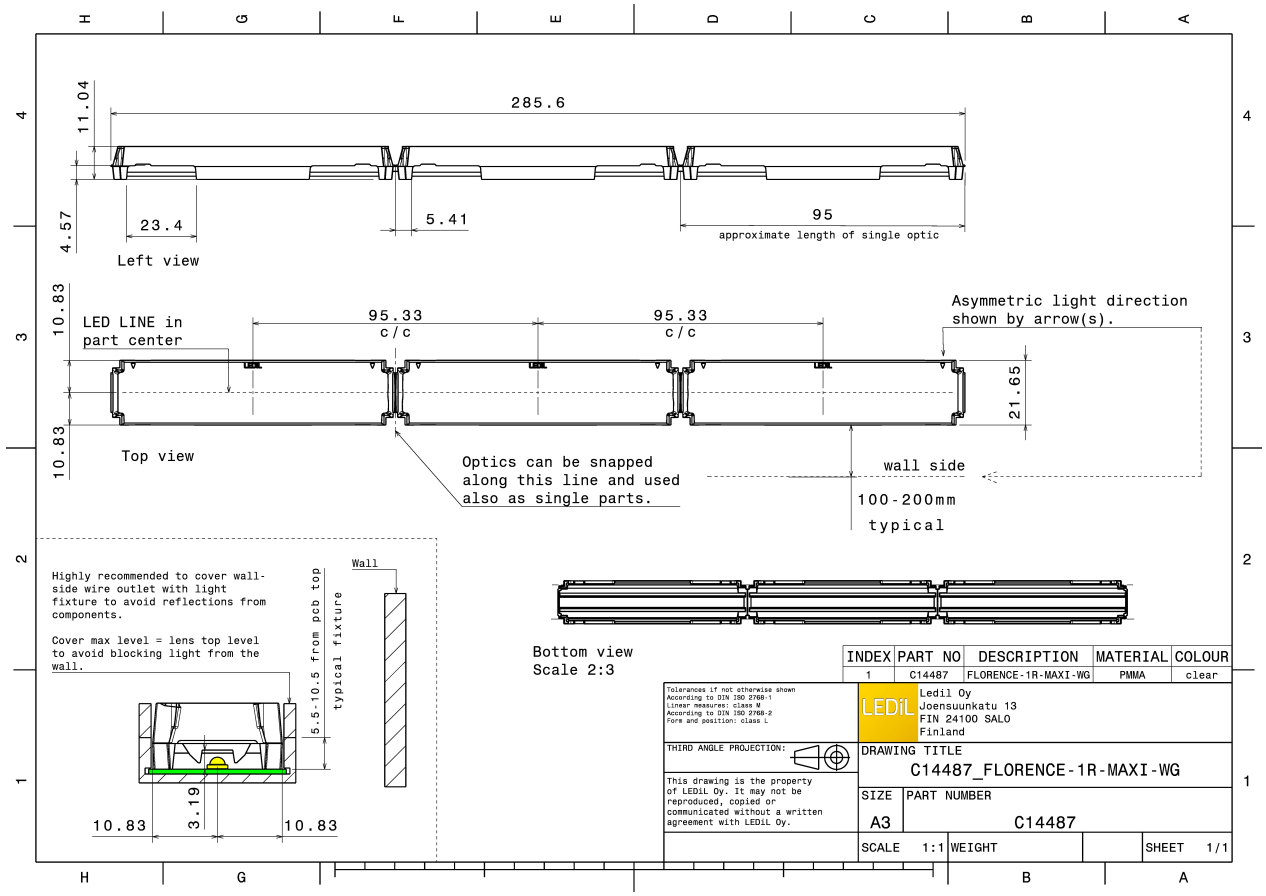
Asymmetric oval beam for wall grazing

TECHNICAL SPECIFICATIONS:

Dimensions	21.7 x 286.0 mm
Height	11 mm
Fastening	pin
Colour	clear
Box size	398 x 298 x 265 mm
Box weight	6.8 kg
Quantity in Box	120 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
FLORENCE-1R-MAXI-WG	Lens	PMMA	clear


285.6
11.04
4.57
23.4
5.41
95
approximate length of single optic
Left view
10.83
LED LINE in
part center
95.33
c/c
95.33
c/c
Asymmetric light direction
shown by arrow(s).
21.65
10.83
Top view
Optics can be snapped
along this line and used
also as single parts.
wall side
100-200mm
typical
Highly recommended to cover wall-
side wire outlet with light
fixture to avoid reflections from
components.
Cover max level = lens top level
to avoid blocking light from the
wall.
Wall
5.5-10.5 from pcb top
typical fixture
10.83
3.19
10.83
Bottom view
Scale 2:3
INDEX
PART NO
DESCRIPTION
MATERIAL
COLOUR
1
C14487
FLORENCE-1R-MAXI-WG
PMMA
clear
Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures: class M
According to DIN ISO 2768-2
Form and position: class L
THIRD ANGLE PROJECTION:
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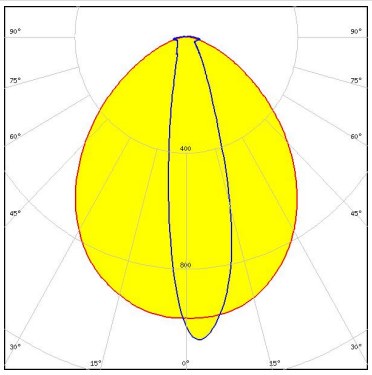
of LEDiL Oy. It may not be
reproduced, copied or
communicated without a written
agreement with LEDiL Oy.
LEDiL
Ledil Oy
Joensuunkatu 13
FIN 24100 SALO
Finland
DRAWING TITLE
C14487_FLORENCE-1R-MAXI-WG
SIZE
A3
PART NUMBER
C14487
SCALE 1:1
WEIGHT
SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

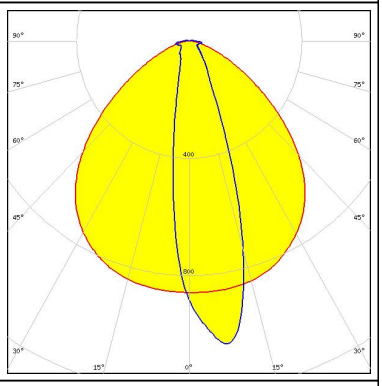
aled

LED	CALGD0414-M8W1
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	1.050 cd/lm
Required components:	



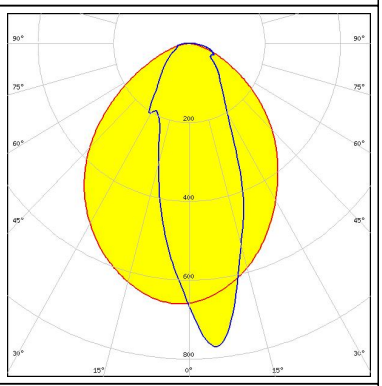
aled

LED	CALGD0814-M17W1
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	1.040 cd/lm
Required components:	



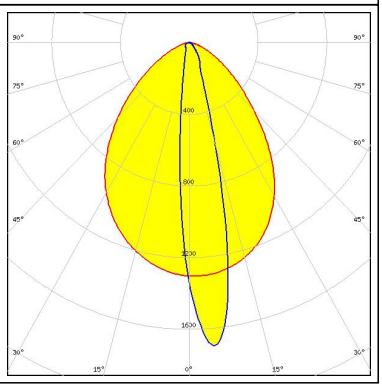
CEZOS

LED	L0-280024-xxx-C0800-L267
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.770 cd/lm
Required components:	



CREE

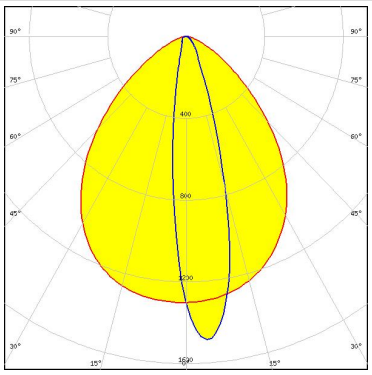
LED	XP-E
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	1.700 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

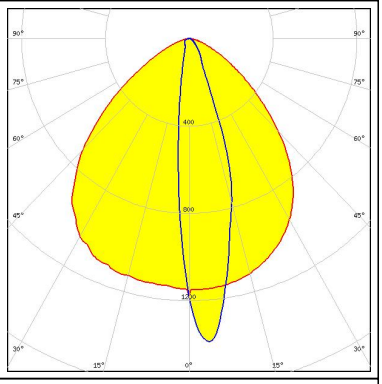
CREE

LED	XP-E2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.470 cd/lm
Required components:	



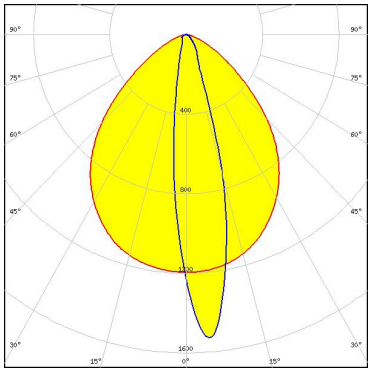
CREE

LED	XP-G
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	1.400 cd/lm
Required components:	



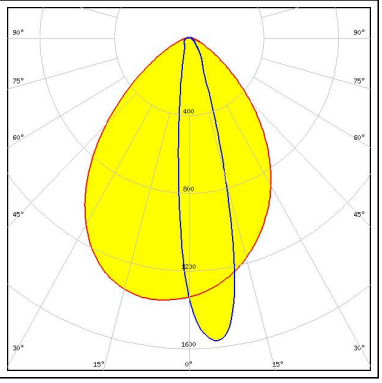
CREE

LED	XP-G2
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	1.500 cd/lm
Required components:	



CREE

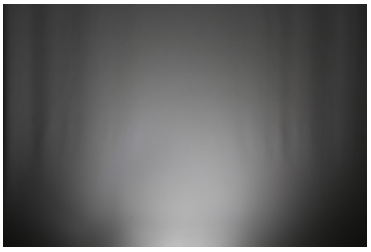
LED	XQ-E
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.580 cd/lm
Required components:	

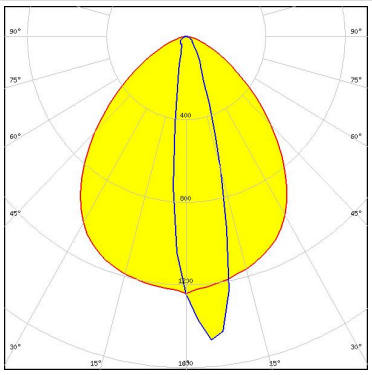


PHOTOMETRIC DATA (MEASURED):

LUMILEDS

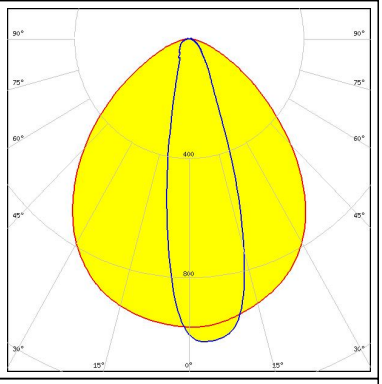
LED	LUXEON 3014
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	1.500 cd/lm
Required components:	





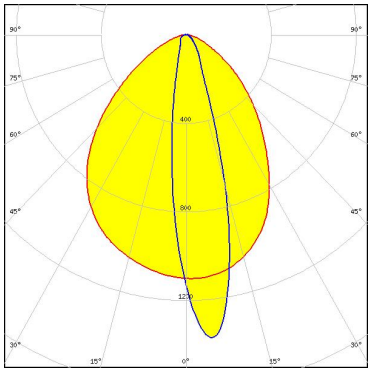
LUMILEDS

LED	LUXEON 3030 2D (Round LES)
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	1.000 cd/lm
Required components:	



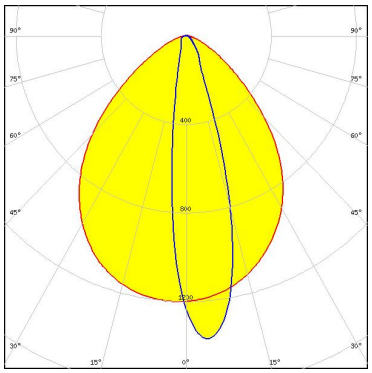
LUMILEDS

LED	LUXEON A
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	1.400 cd/lm
Required components:	



LUMILEDS

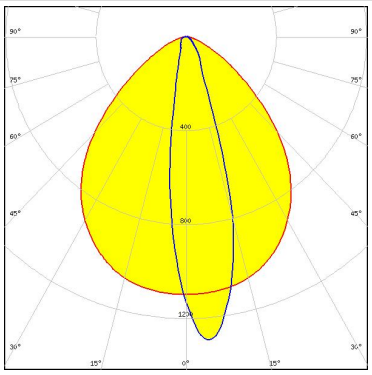
LED	LUXEON Rebel
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	1.400 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

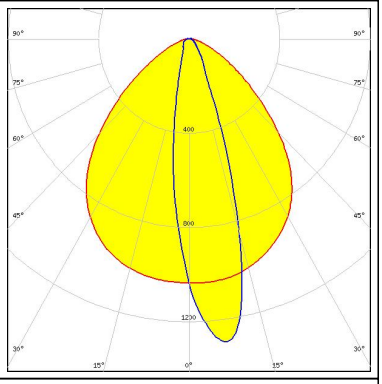
LUMILEDS

LED	LUXEON Rebel ES
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	1.300 cd/lm
Required components:	



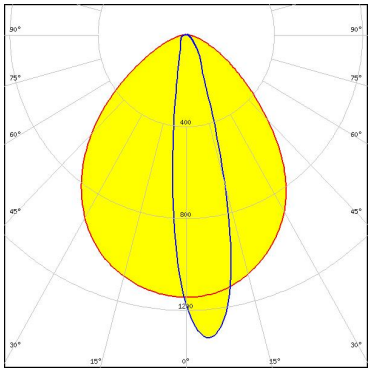
LUMILEDS

LED	LUXEON Z ES
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.300 cd/lm
Required components:	



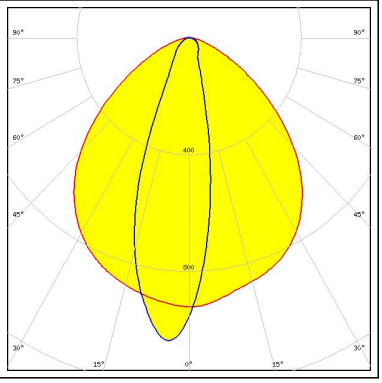
NICHIA

LED	NCSxx19B
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	1.300 cd/lm
Required components:	



NICHIA

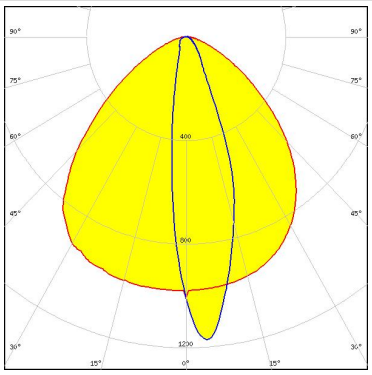
LED	NF2x757G
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	1.040 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

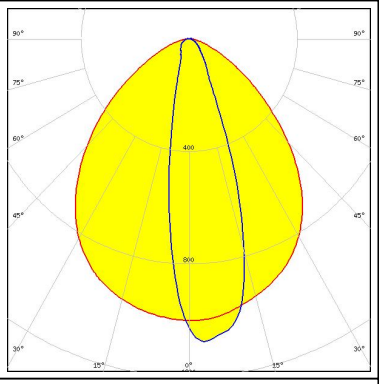
NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	1.200 cd/lm
Required components:	



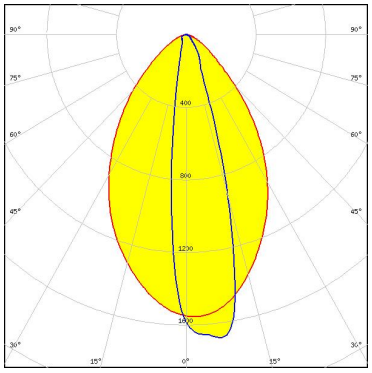
OSRAM
Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	1.100 cd/lm
Required components:	



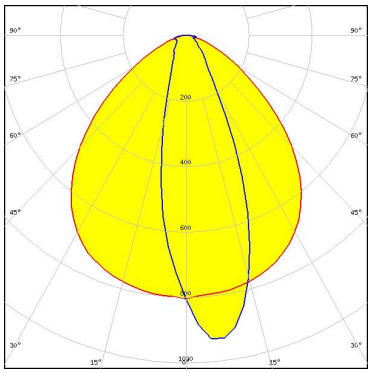
OSRAM
Opto Semiconductors

LED	Oslon SSL 80
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	1.700 cd/lm
Required components:	



PHILIPS

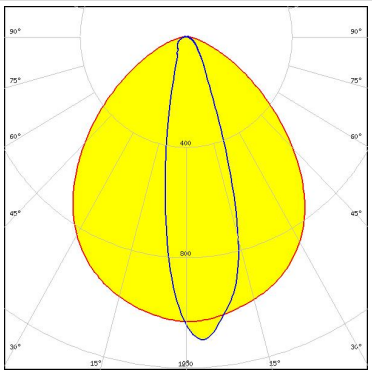
LED	Fortimo LED Line 1ft 1100lm xx0 1R xV2/x
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.940 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

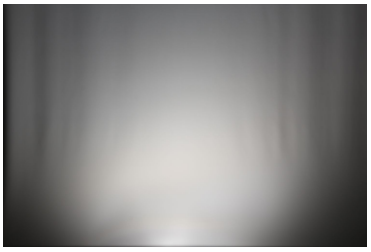
SAMSUNG

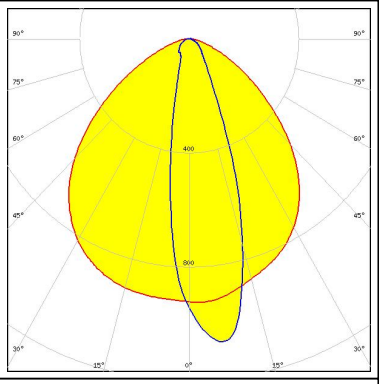
LED	LM28xB Series
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	1.100 cd/lm
Required components:	



SAMSUNG

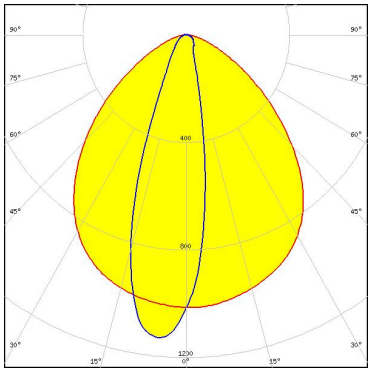
LED	LM301A
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	1.100 cd/lm
Required components:	





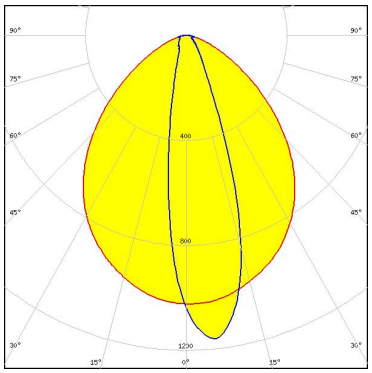
SAMSUNG

LED	LM561C
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.130 cd/lm
Required components:	



SAMSUNG

LED	LT-S282N
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.200 cd/lm
Required components:	



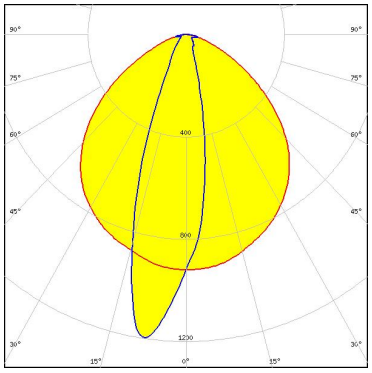
PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

LED	SunLike 3030
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.200 cd/lm

Required components:

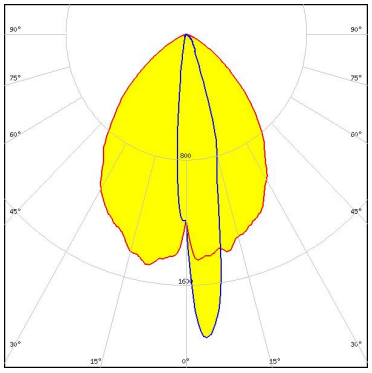
C14353_FLORENCE-1R-CLIP-A



PHOTOMETRIC DATA (SIMULATED):

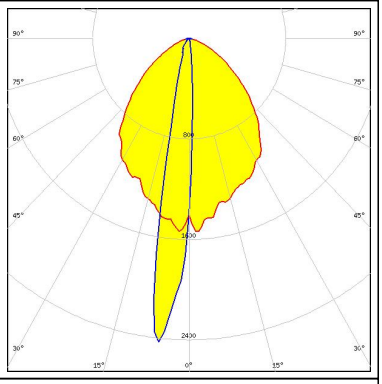
CREE

LED	XB-H
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	cd/lm
Required components:	



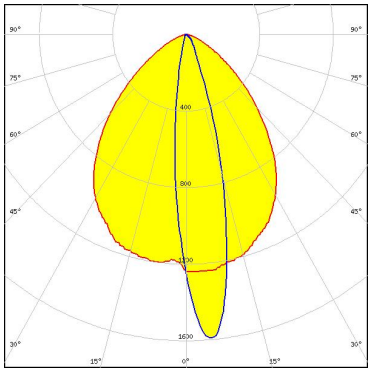
CREE

LED	XQ-E HI
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	2.460 cd/lm
Required components:	



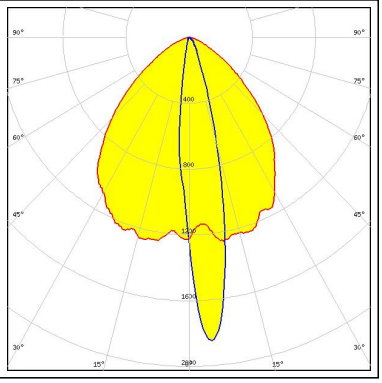
LUMILEDS

LED	LUXEON R
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	cd/lm
Required components:	



LUMILEDS

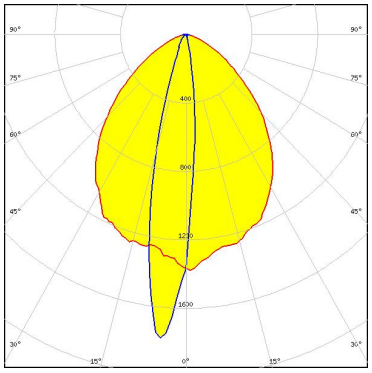
LED	LUXEON T
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

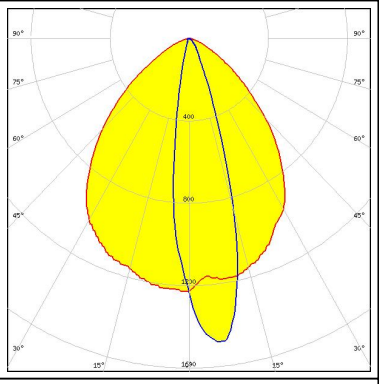
LUMILEDS

LED	LUXEON TX
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	cd/lm
Required components:	



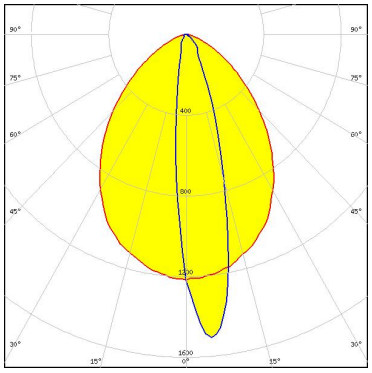
NICHIA

LED	NF2x757A
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	Duris E 2835
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.500 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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