FLORENTINA-HLD-M

~30° medium beam



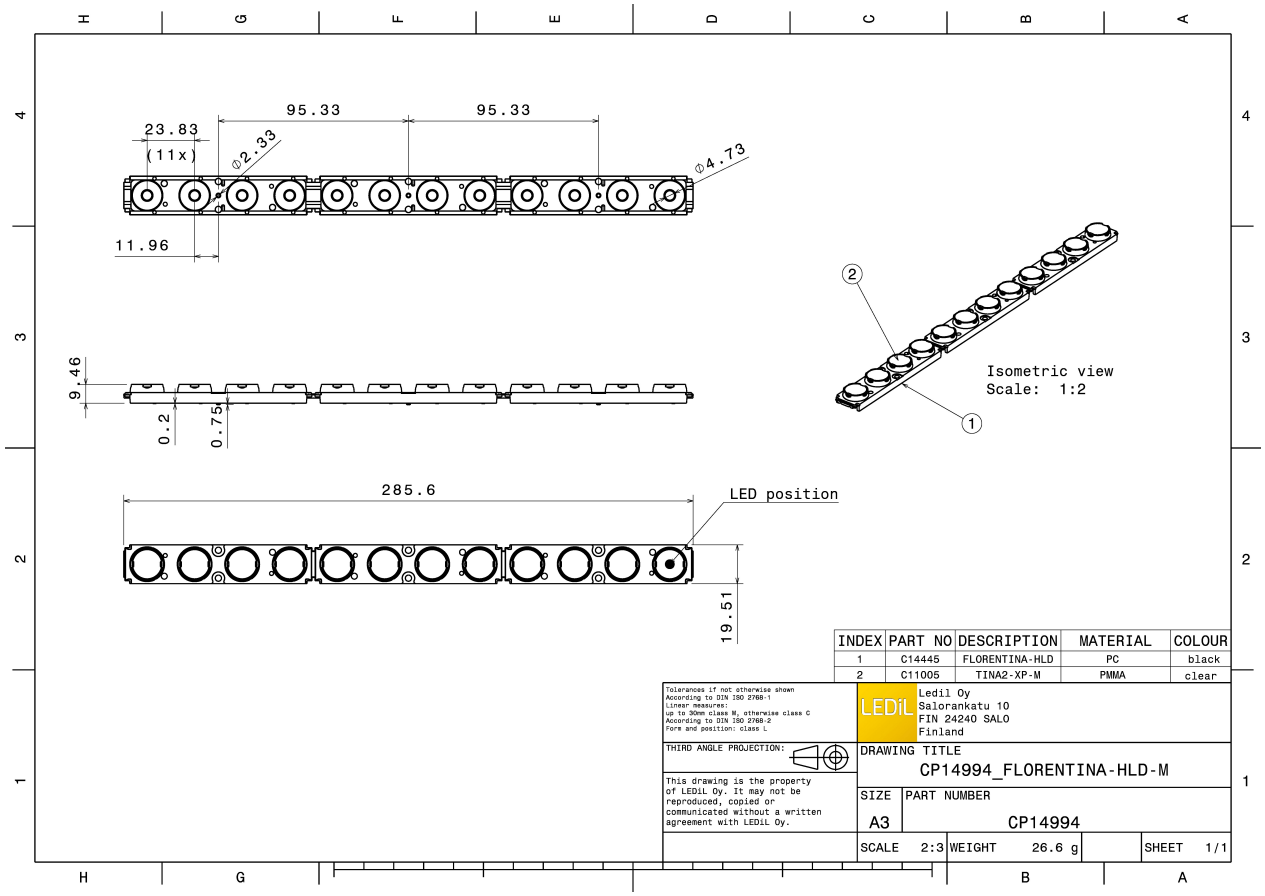
TECHNICAL SPECIFICATIONS:

Dimensions	285.6+19.5 mm
Height	9.5 mm
Fastening	screw
Colour	black
Box size	398 x 298 x 140 mm
Box weight	5.2 kg
Quantity in Box	160 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-XP-M	Lens	PMMA	clear
FLORENTINA-HLD	Holder	PC	black

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INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14445	FLORENTINA-HLD	PC	black
2	C11005	TINA2-XP-M	PMMA	clear

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
up to 30mm class H, 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
CP14994_FLORENTINA-HLD-M

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SIZE A3 | PART NUMBER CP14994

SCALE 2:3 | WEIGHT 26.6 g | SHEET 1/1

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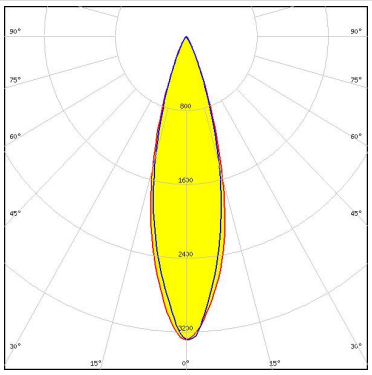
PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-E2
FWHM	29.0°
Efficiency	81 %
Peak intensity	3.280 cd/lm

Required components:
C14446_FLORENTINA-SHD



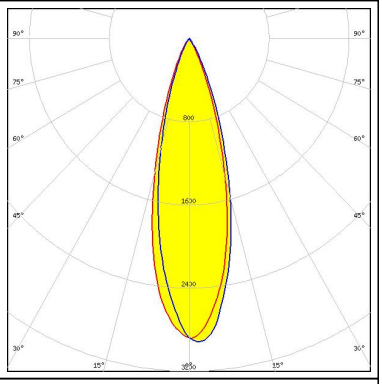


CREE

LED	XP-G2
FWHM	29.0°
Efficiency	82 %
Peak intensity	2.900 cd/lm

Required components:
C14446_FLORENTINA-SHD



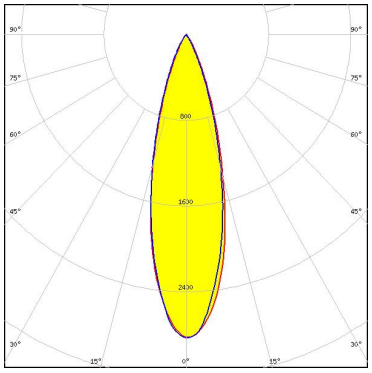


LG Innotek

LED	H35C1 (LEMWA33)
FWHM	28.0°
Efficiency	79 %
Peak intensity	2.830 cd/lm

Required components:
C14446_FLORENTINA-SHD



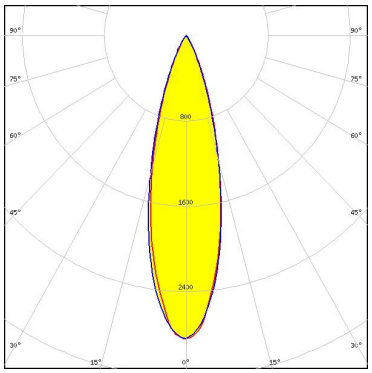


LUMILEDS

LED	LUXEON Rebel ES
FWHM	28.0°
Efficiency	78 %
Peak intensity	2.800 cd/lm

Required components:
C14446_FLORENTINA-SHD





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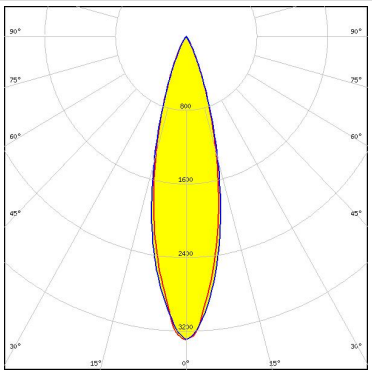
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON Rebel Plus
FWHM	26.0°
Efficiency	80 %
Peak intensity	3.300 cd/lm

Required components:
C14446_FLORENTINA-SHD



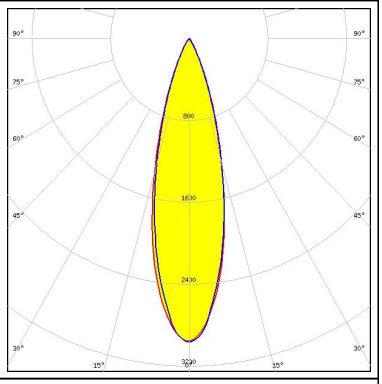


LUMILEDS

LED	LUXEON TX
FWHM	28.0°
Efficiency	79 %
Peak intensity	3.000 cd/lm

Required components:
C14446_FLORENTINA-SHD



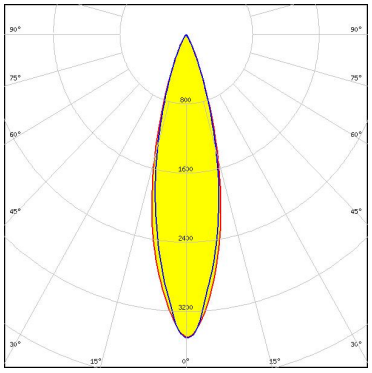


LUMILEDS

LED	LUXEON Z ES
FWHM	26.0°
Efficiency	81 %
Peak intensity	3.500 cd/lm

Required components:
C14446_FLORENTINA-SHD



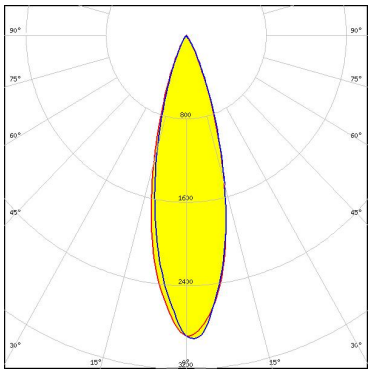


NICHIA

LED	NCSxx19B
FWHM	28.0°
Efficiency	79 %
Peak intensity	2.900 cd/lm

Required components:
C14446_FLORENTINA-SHD





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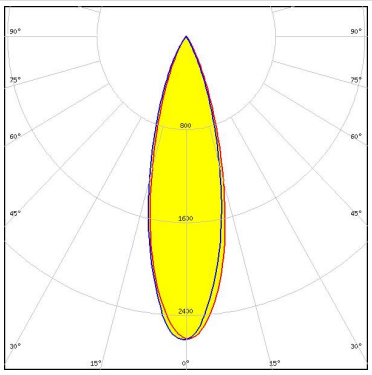
PHOTOMETRIC DATA (MEASURED):

NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	29.0°
Efficiency	77 %
Peak intensity	2.600 cd/lm

Required components:
C14446_FLORENTINA-SHD



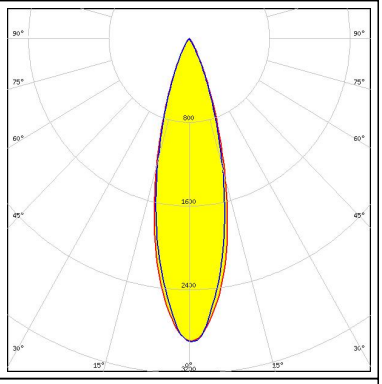


OSRAM
Opto Semiconductors

LED	Oslon Square EC
FWHM	28.0°
Efficiency	78 %
Peak intensity	2.900 cd/lm

Required components:
C14446_FLORENTINA-SHD



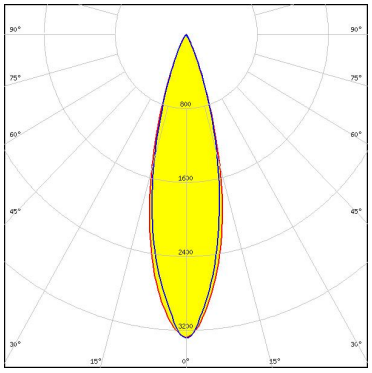


OSRAM
Opto Semiconductors

LED	Oslon SSL 150
FWHM	28.0°
Efficiency	80 %
Peak intensity	3.300 cd/lm

Required components:
C14446_FLORENTINA-SHD



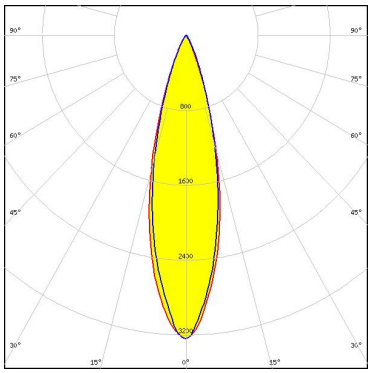


OSRAM
Opto Semiconductors

LED	Oslon SSL 150
FWHM	27.0°
Efficiency	83 %
Peak intensity	3.200 cd/lm

Required components:





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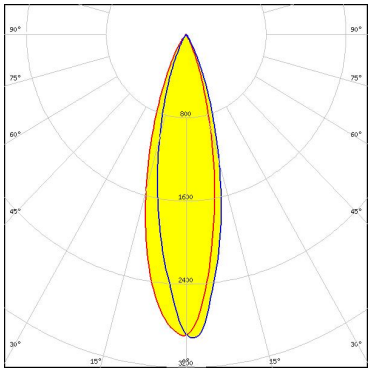
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	Oslon SSL 80
FWHM	26.0°
Efficiency	76 %
Peak intensity	2.930 cd/lm

Required components:
C14446_FLORENTINA-SHD

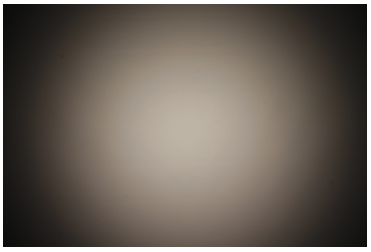


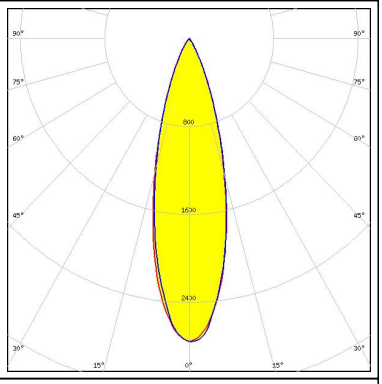


SAMSUNG

LED	LH351B
FWHM	28.0°
Efficiency	79 %
Peak intensity	2.770 cd/lm

Required components:
C14446_FLORENTINA-SHD



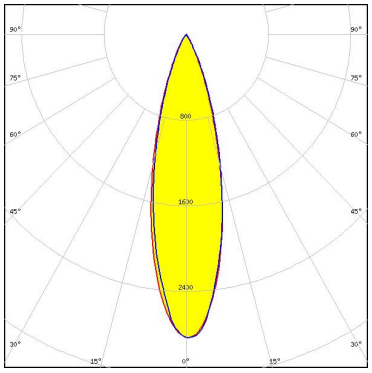


TOSHIBA
Leading Innovation

LED	TL1L4
FWHM	27.0°
Efficiency	76 %
Peak intensity	2.840 cd/lm

Required components:
C14446_FLORENTINA-SHD





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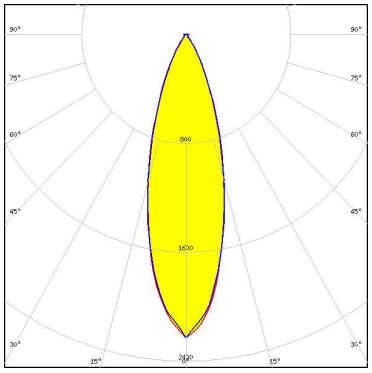
PHOTOMETRIC DATA (SIMULATED):

NICHIA

LED	NWSx229A
FWHM	30.0°
Efficiency	82 %
Peak intensity	2.290 cd/lm

Required components:

C14446_FLORENTINA-SHD



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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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