IRIS

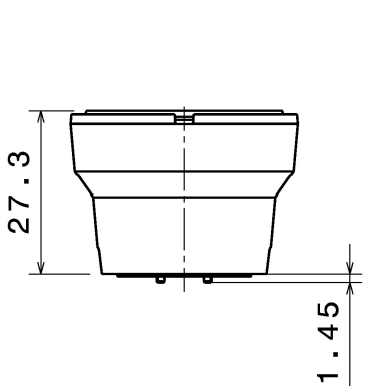
~5° real spot beam optimized for CREE XM-L. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

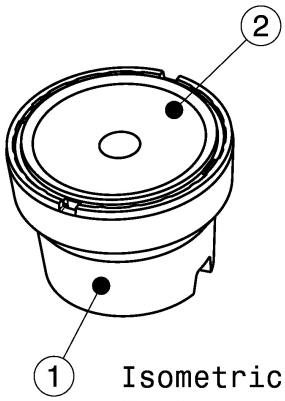
Dimensions	Ø 38 mm
Height	27.7 mm
Fastening	tape, pin, screw
Colour	black
Box size	480 x 280 x 300 mm
Box weight	9 kg
Quantity in Box	378 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

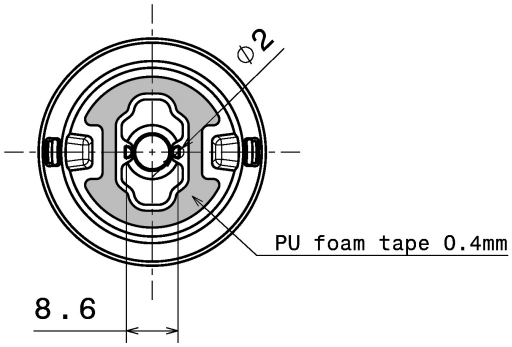
Component	Type	Material	Colour
IRIS	Lens	PMMA	clear
IRIS-XM-HLD	Holder	PC	black
SPUTNIK-TAPE	Tape	PU tape	black



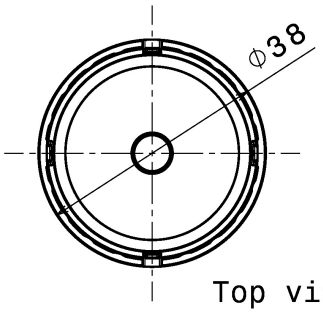
Front view



Isometric view
Scale: 1:1



Bottom view



Top view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C12034	IRIS-XM-HLD	PC	black
2	F12075	IRIS	PMMA	clear

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
Joensuunkatu 13
FIN 24100 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
FCA12104_IRIS

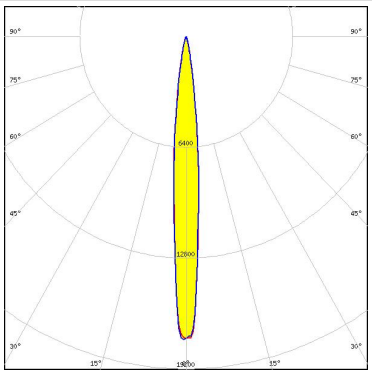
SIZE	PART NUMBER
A4	FCA12104

SCALE	WEIGHT		SHEET
1:1	19,5 g		1/1

PHOTOMETRIC DATA (MEASURED):

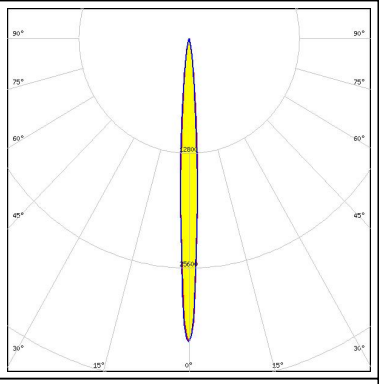
CREE

LED	XHP35 HD
FWHM	10.0°
Efficiency	91 %
Peak intensity	17.500 cd/lm
Required components:	



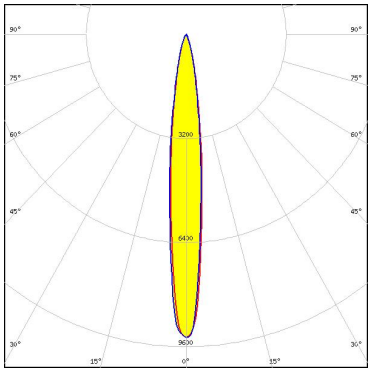
CREE

LED	XHP35 HI
FWHM	7.0°
Efficiency	93 %
Peak intensity	33.800 cd/lm
Required components:	



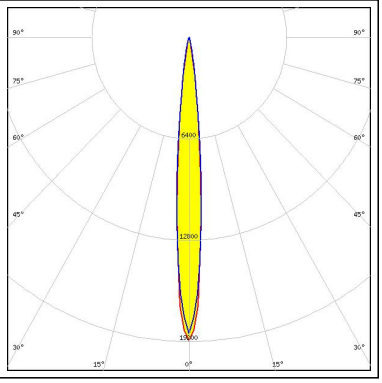
CREE

LED	XHP50.2
FWHM	12.0°
Efficiency	88 %
Peak intensity	9.300 cd/lm
Required components:	



CREE

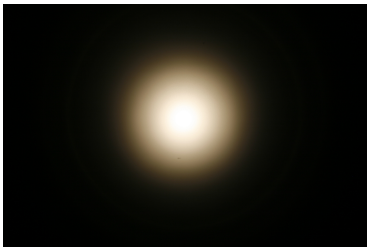
LED	XM-L
FWHM	9.0°
Efficiency	91 %
Peak intensity	19.200 cd/lm
Required components:	

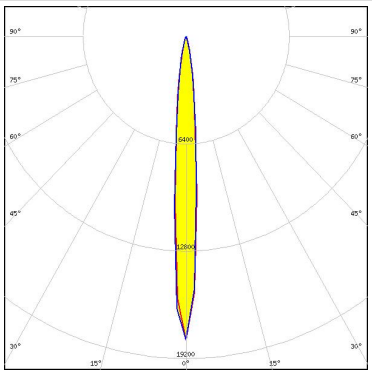


PHOTOMETRIC DATA (MEASURED):

CREE

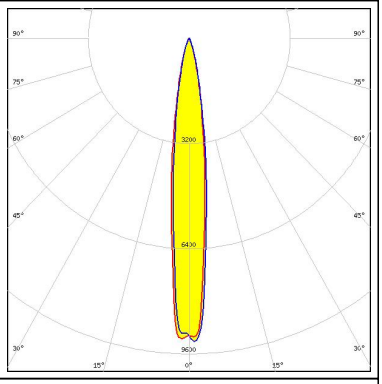
LED	XM-L2
FWHM	10.0°
Efficiency	86 %
Peak intensity	18.100 cd/lm
Required components:	





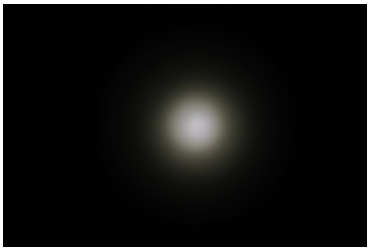
NICHIA

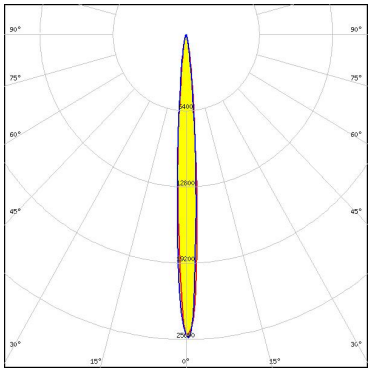
LED	NV4x144A
FWHM	13.0°
Efficiency	89 %
Peak intensity	9.300 cd/lm
Required components:	



NICHIA

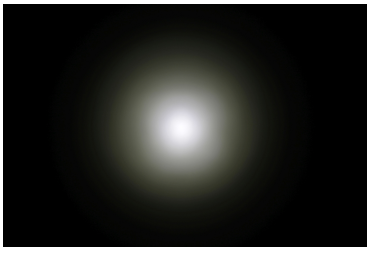
LED	NVSW3x9A
FWHM	7.0°
Efficiency	85 %
Peak intensity	25.500 cd/lm
Required components:	

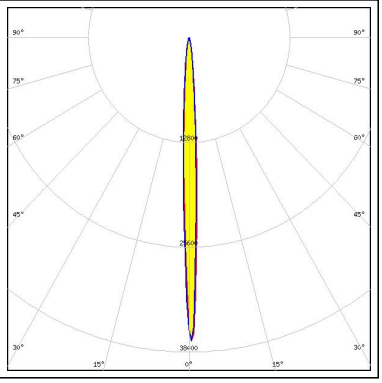




OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (2W version)
FWHM	5.0°
Efficiency	91 %
Peak intensity	38.800 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:

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