TINA2-M

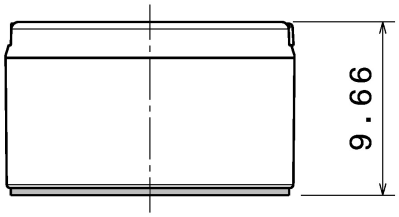
~30° medium beam optimized for CREE XP-E. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

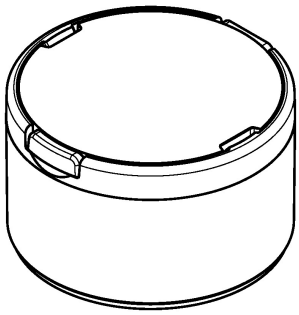
Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.1 kg
Quantity in Box	4140 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

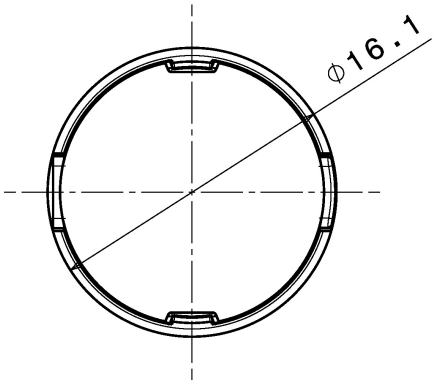
Component	Type	Material	Colour
TINA2-XP-M	Lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black



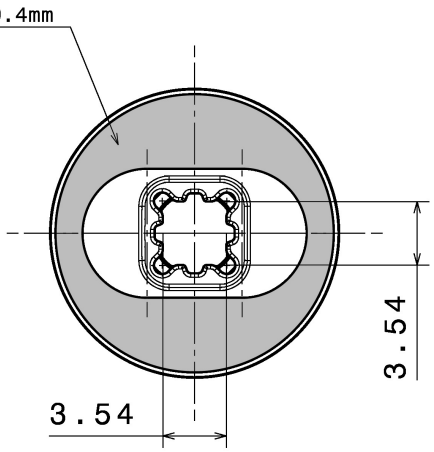
Bottom view
Scale: 3:1



Isometric view
Scale: 3:1



Front view
Scale: 3:1



Rear view
Scale: 3:1

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	TINA2-lens	PMMA	
2	C11418	TINA2-XP-HLD-TAPE-BLK	PC	black

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
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
TINA2-XP-series assembly

SIZE A4

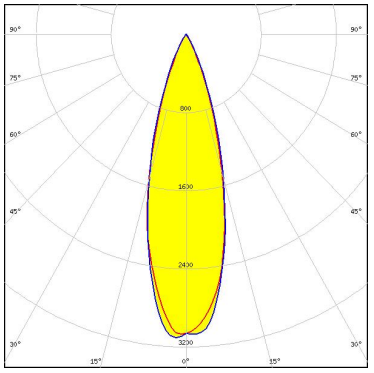
PART NUMBER -

SCALE 3:1 | WEIGHT 1,3 g | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

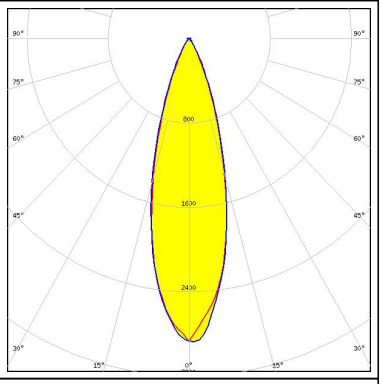
CREE

LED	XP-E
FWHM	31.0°
Efficiency	89 %
Peak intensity	2.560 cd/lm
Required components:	



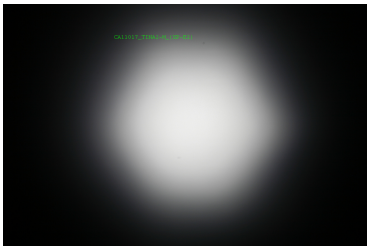
CREE

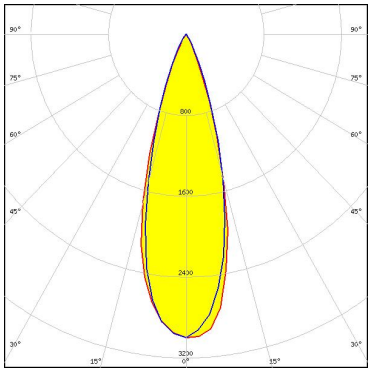
LED	XP-E-HEW
FWHM	30.0°
Efficiency	%
Peak intensity	2.290 cd/lm
Required components:	



CREE

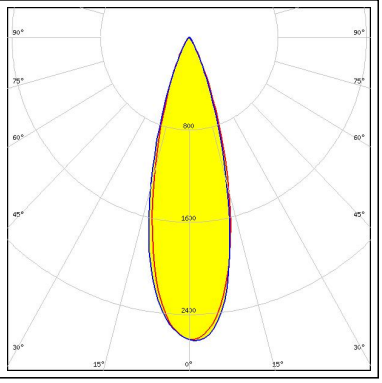
LED	XP-E2
FWHM	32.0°
Efficiency	86 %
Peak intensity	3.000 cd/lm
Required components:	





CREE

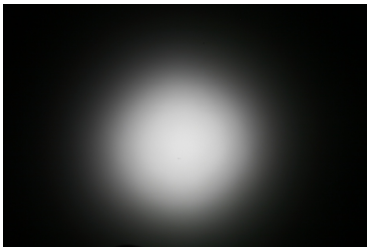
LED	XP-G
FWHM	30.0°
Efficiency	88 %
Peak intensity	2.800 cd/lm
Required components:	

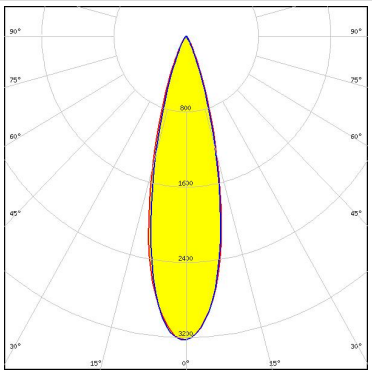


PHOTOMETRIC DATA (MEASURED):

CREE

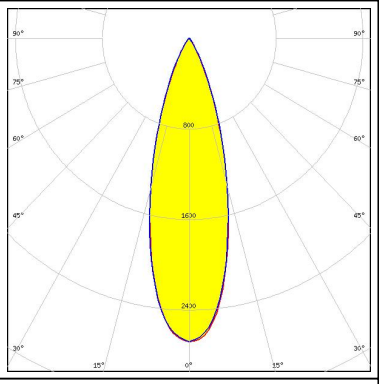
LED	XP-G2
FWHM	26.0°
Efficiency	84 %
Peak intensity	3.200 cd/lm
Required components:	





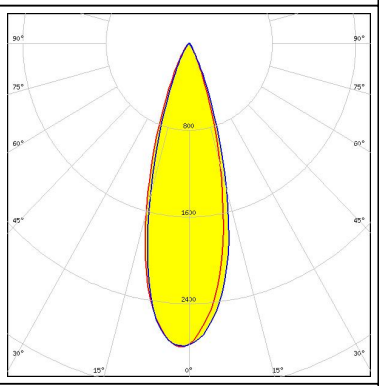
CREE

LED	XT-E
FWHM	31.0°
Efficiency	81 %
Peak intensity	2.600 cd/lm
Required components:	



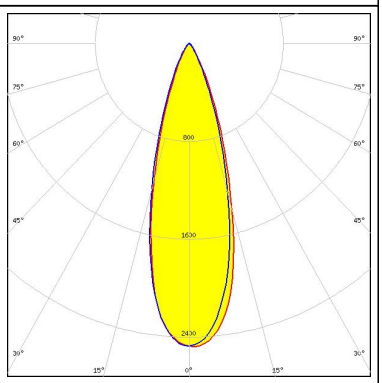
LG Innotek

LED	H35B0 (LEMWA32)
FWHM	30.0°
Efficiency	86 %
Peak intensity	2.800 cd/lm
Required components:	



LG Innotek

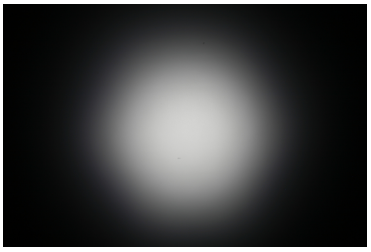
LED	H35C0 (LEMWA33)
FWHM	30.0°
Efficiency	85 %
Peak intensity	2.550 cd/lm
Required components:	

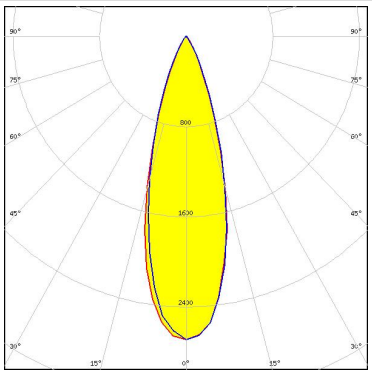


PHOTOMETRIC DATA (MEASURED):

LG Innotek

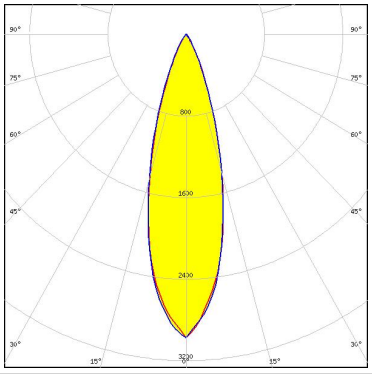
LED	H35C1 (LEMWA33)
FWHM	31.0°
Efficiency	84 %
Peak intensity	2.700 cd/lm
Required components:	





SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	29.0°
Efficiency	84 %
Peak intensity	2.900 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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