TINA2-D

~16° diffused spot beam optimized for CREE XP-E. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

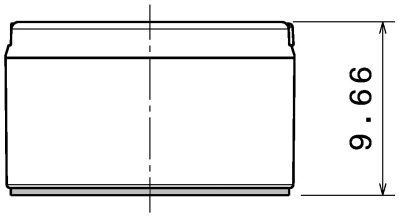
Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

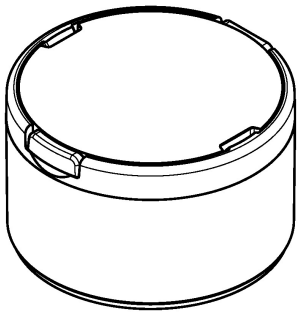
Component	Type	Material	Colour	Finish
TINA2-XP-D	Single lens	PMMA	clear	
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black	
TINA-TAPE3	Tape	PU tape	black	

ORDERING INFORMATION:

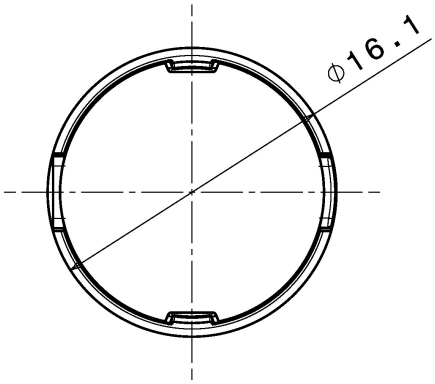
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11420_TINA2-D » Box size: 451 x 241 x 298 mm	Single lens	4140	230	230	8.8



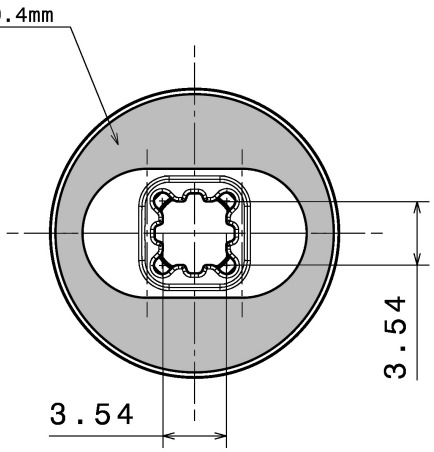
Bottom view
Scale: 3:1



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

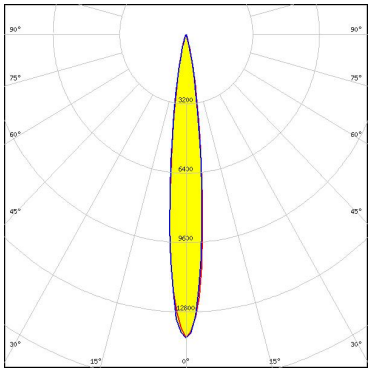
PART NUMBER -

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

PHOTOMETRIC DATA (MEASURED):

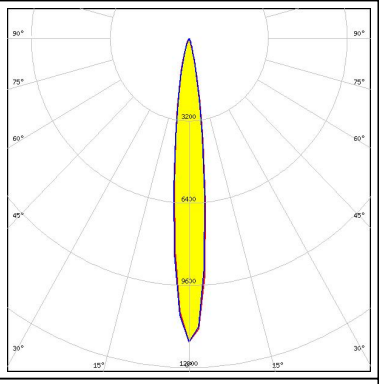
CREE

LED	XP-E
FWHM	12.0°
Efficiency	91 %
Peak intensity	10.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



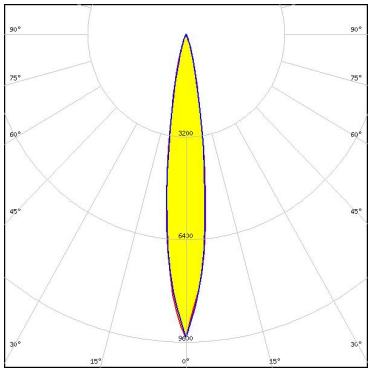
CREE

LED	XP-E2
FWHM	13.0°
Efficiency	86 %
Peak intensity	11.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



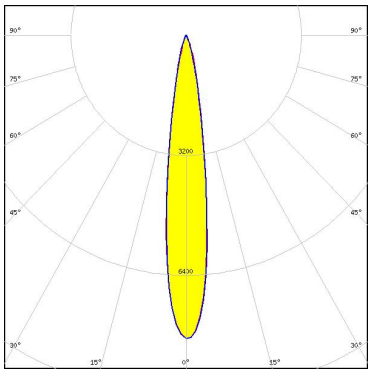
CREE

LED	XP-G
FWHM	17.0°
Efficiency	91 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

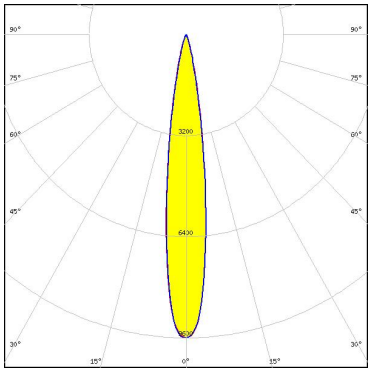
LED	XP-G2
FWHM	15.0°
Efficiency	90 %
Peak intensity	8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

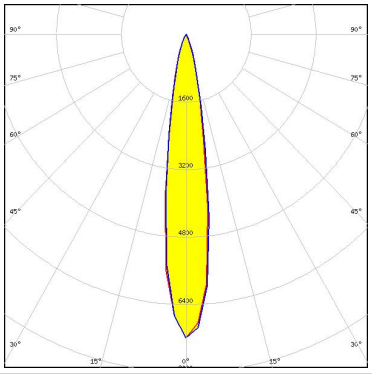
CREE

LED	XT-E
FWHM	16.0°
Efficiency	%
Peak intensity	6.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LG Innotek

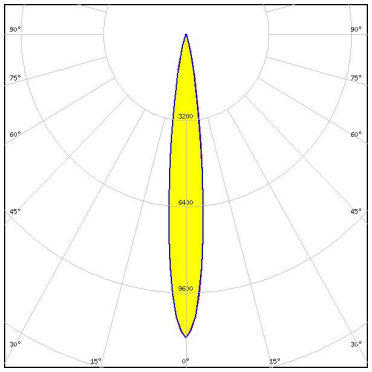
LED	H35C1 (LEMWA33)
FWHM	17.0°
Efficiency	86 %
Peak intensity	7.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

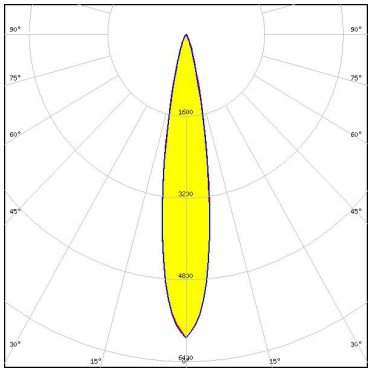
CREE

LED	XD16
FWHM	13.0°
Efficiency	87 %
Peak intensity	11.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

LED	XP-G2 HE
FWHM	18.0°
Efficiency	80 %
Peak intensity	5.9 cd/lm
LEDs/each optic	1
Light colour	White
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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