PRODUCT DATASHEET
High Bay series
last update 12/8/2015

DETAILS

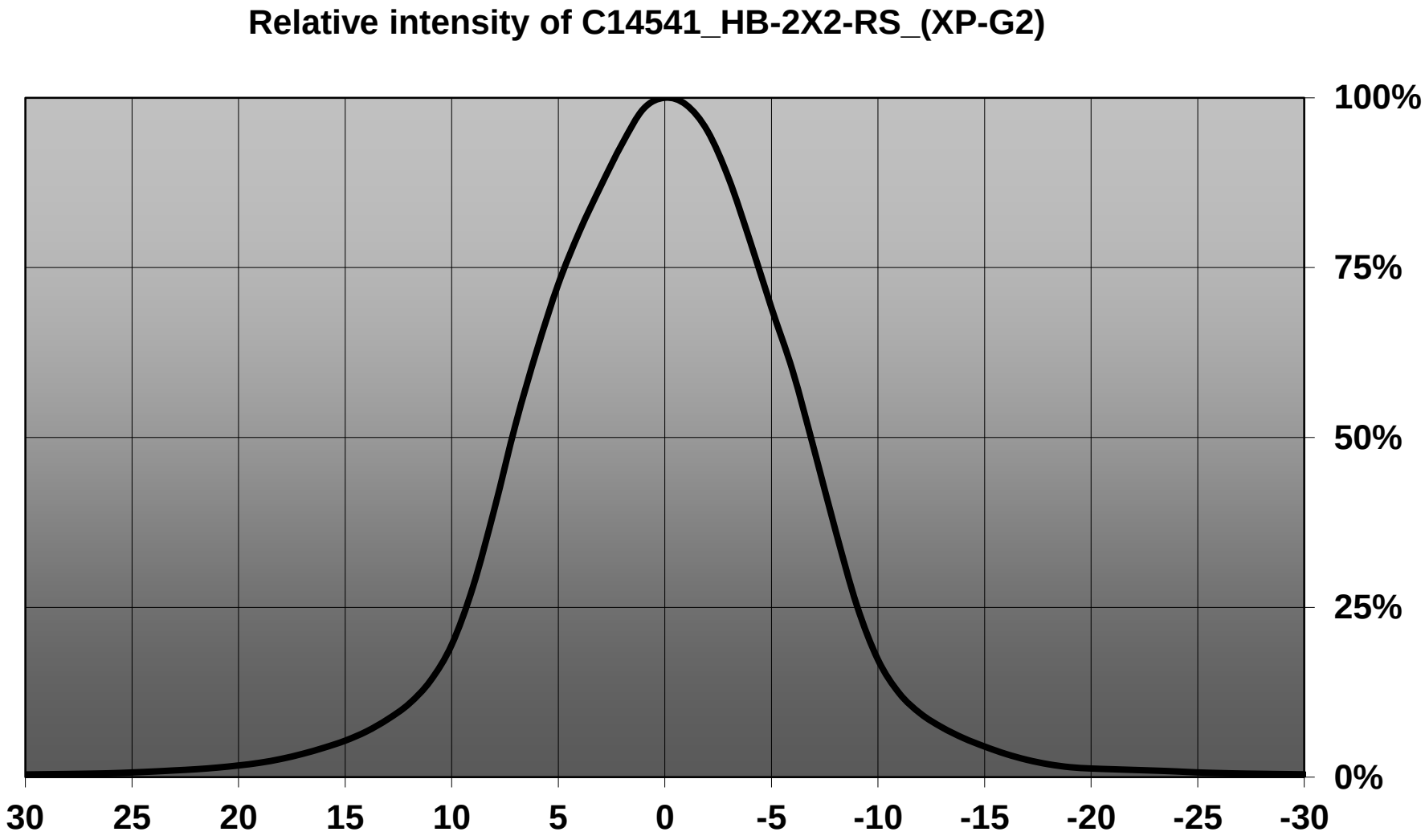
Product Number	C14541_HB-2X2-RS
Family	High Bay
Type	Lens array
Color	clear
Diameter	50 x 50 mm
Height	10 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	screw
Status	ready
ROHS Comliant	Yes
Date Updated	31/07/2015

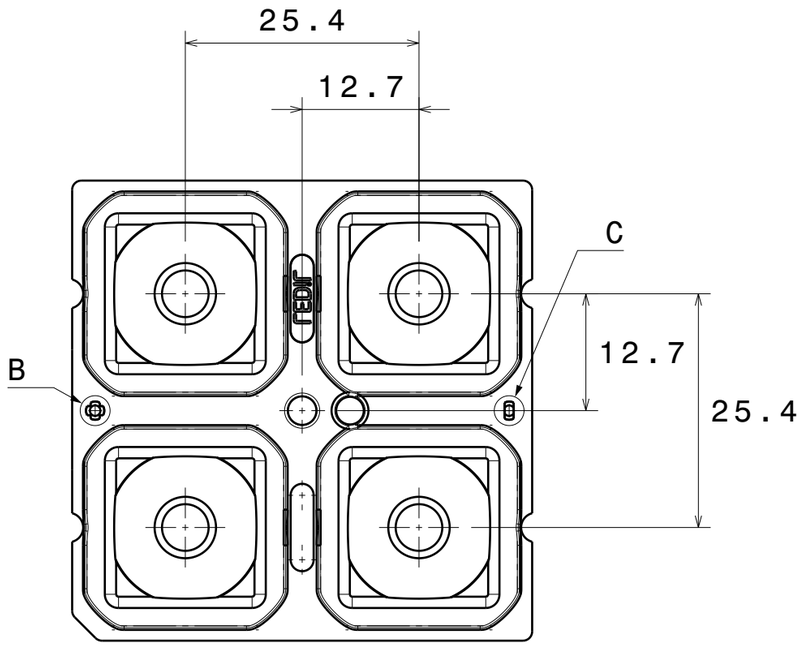
OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XM-L2	sim: 18	Real spot	sim: 95 %	sim: 6.900	-
Oslon Square PC	sim: 11	Real spot	sim: 94 %	sim: 15.900	-
XP-G	sim: 13	Real spot	sim: 93 %	sim: 12.100	-
XM-L	sim: 19	Real spot	sim: 92 %	sim: 5.620	-
XP-E2	10 deg	Real spot	94 %	22.100	-
XP-G2	14 deg	Real spot	94 %	11.800	-

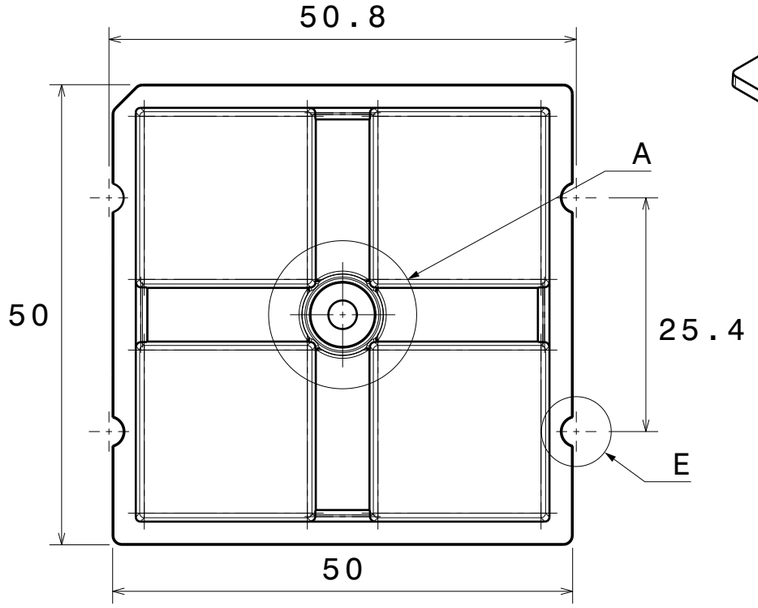
Ledil Oy
Salorankatu 10
24240 SALO, Finland

http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

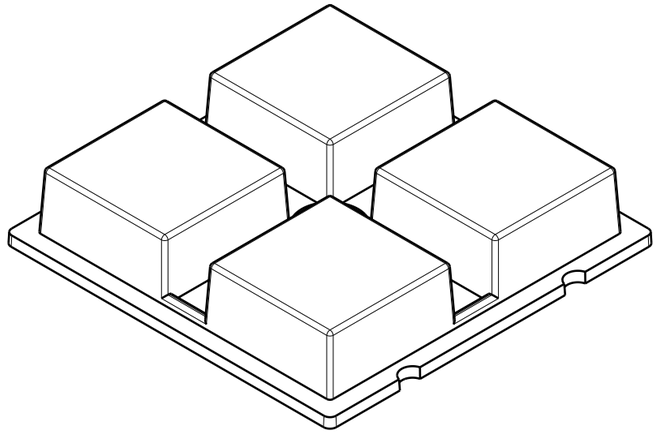

Relative intensity of C14541_HB-2X2-RS_(XP-G2)
100%
75%
50%
25%
0%
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30



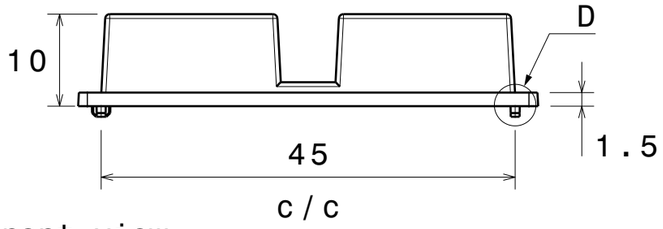
Bottom view



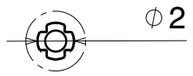
Top view



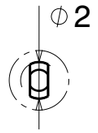
Isometric view



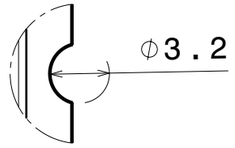
Front view



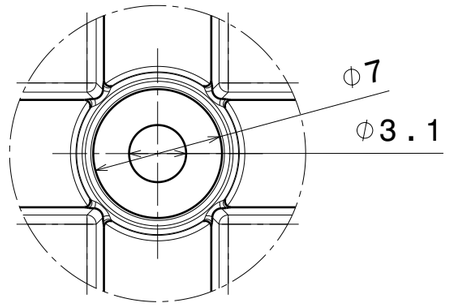
Detail B



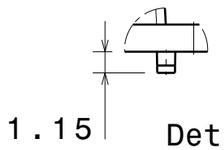
Detail C



Detail E



Detail A



Detail D

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

THIRD ANGLE PROJECTION:

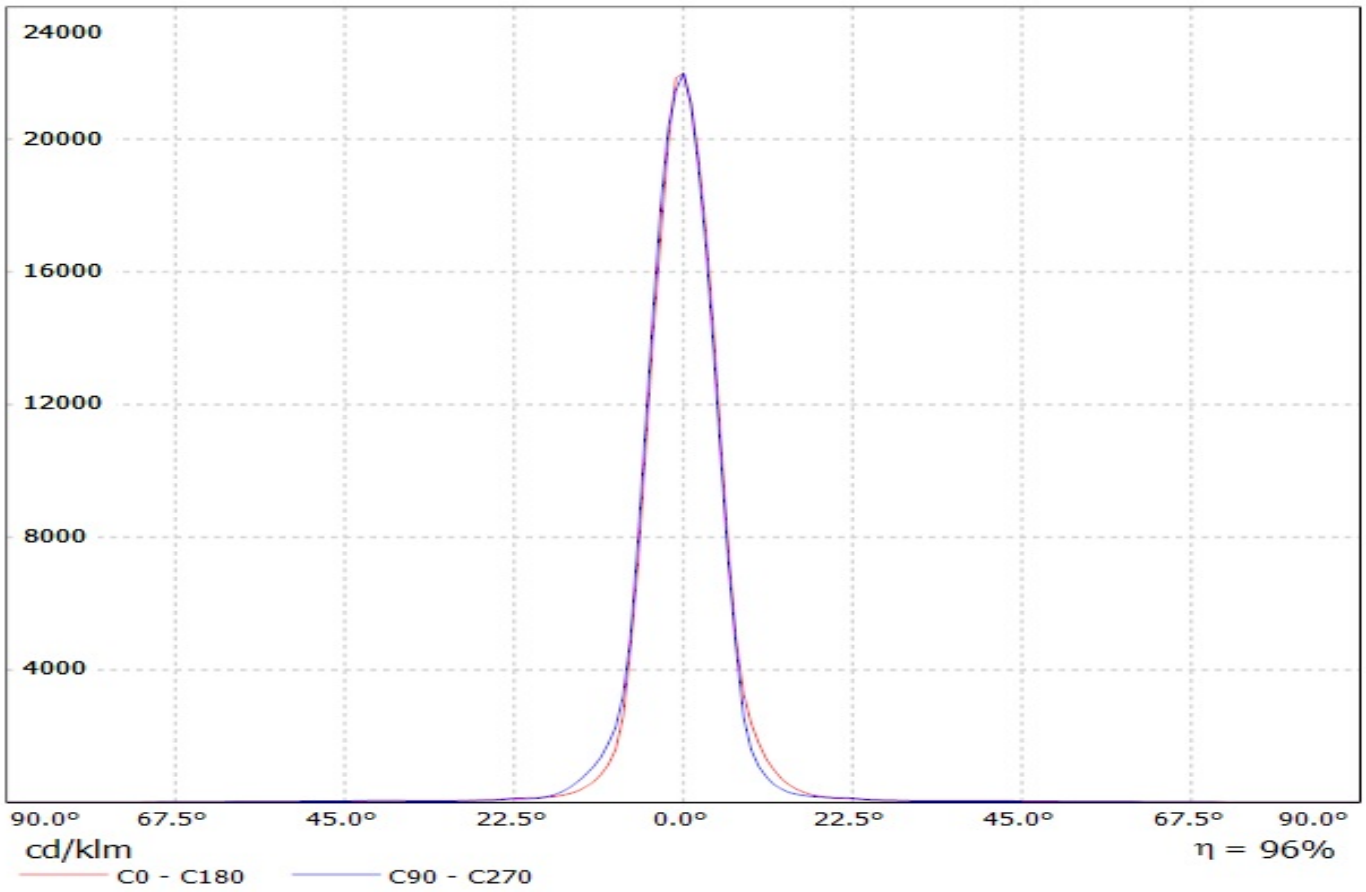
LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
C14541_HB-2X2-RS

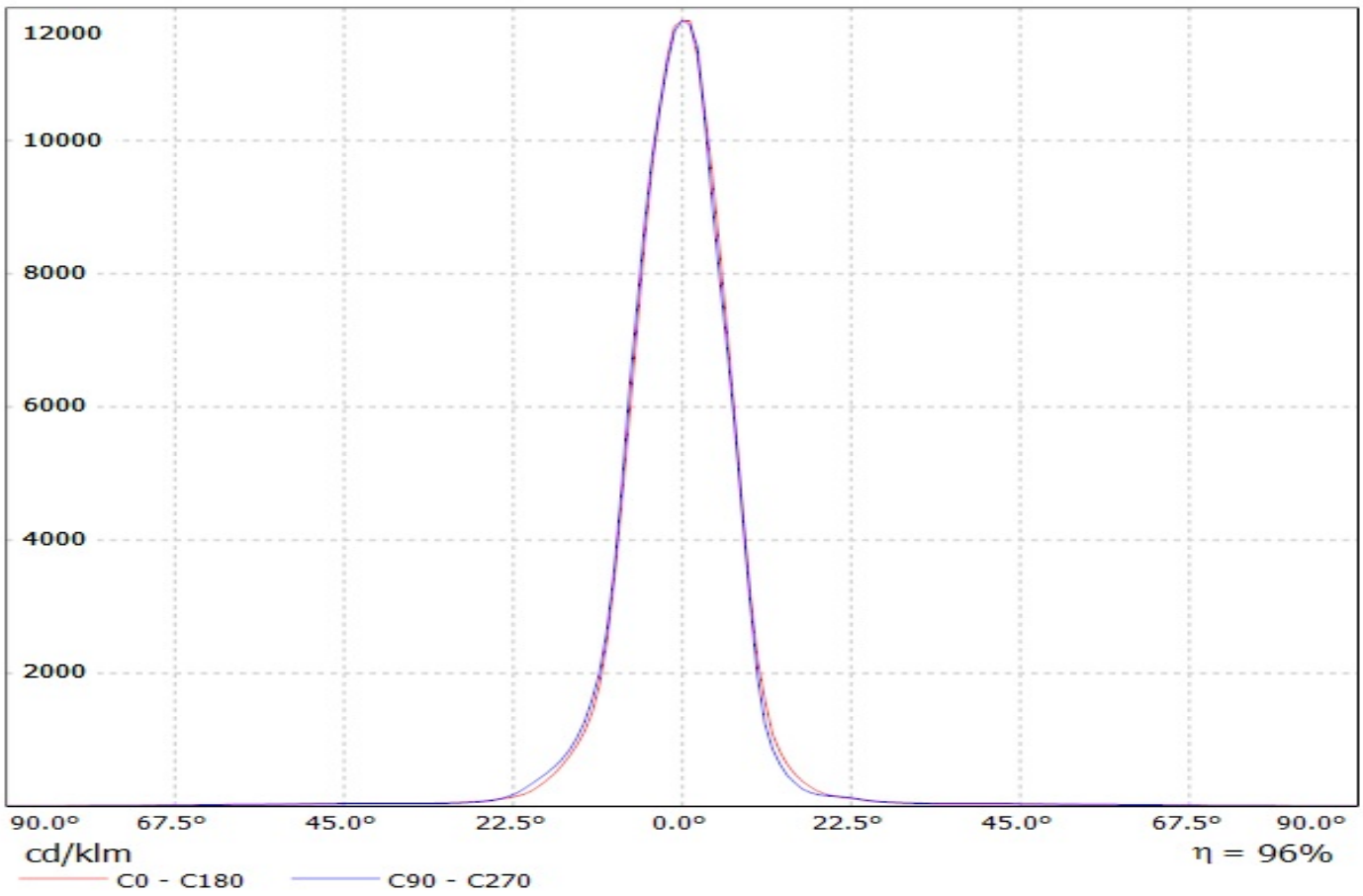
SIZE	PART NUMBER
A3	C14541

SCALE	WEIGHT		SHEET
3:2	-		1/1

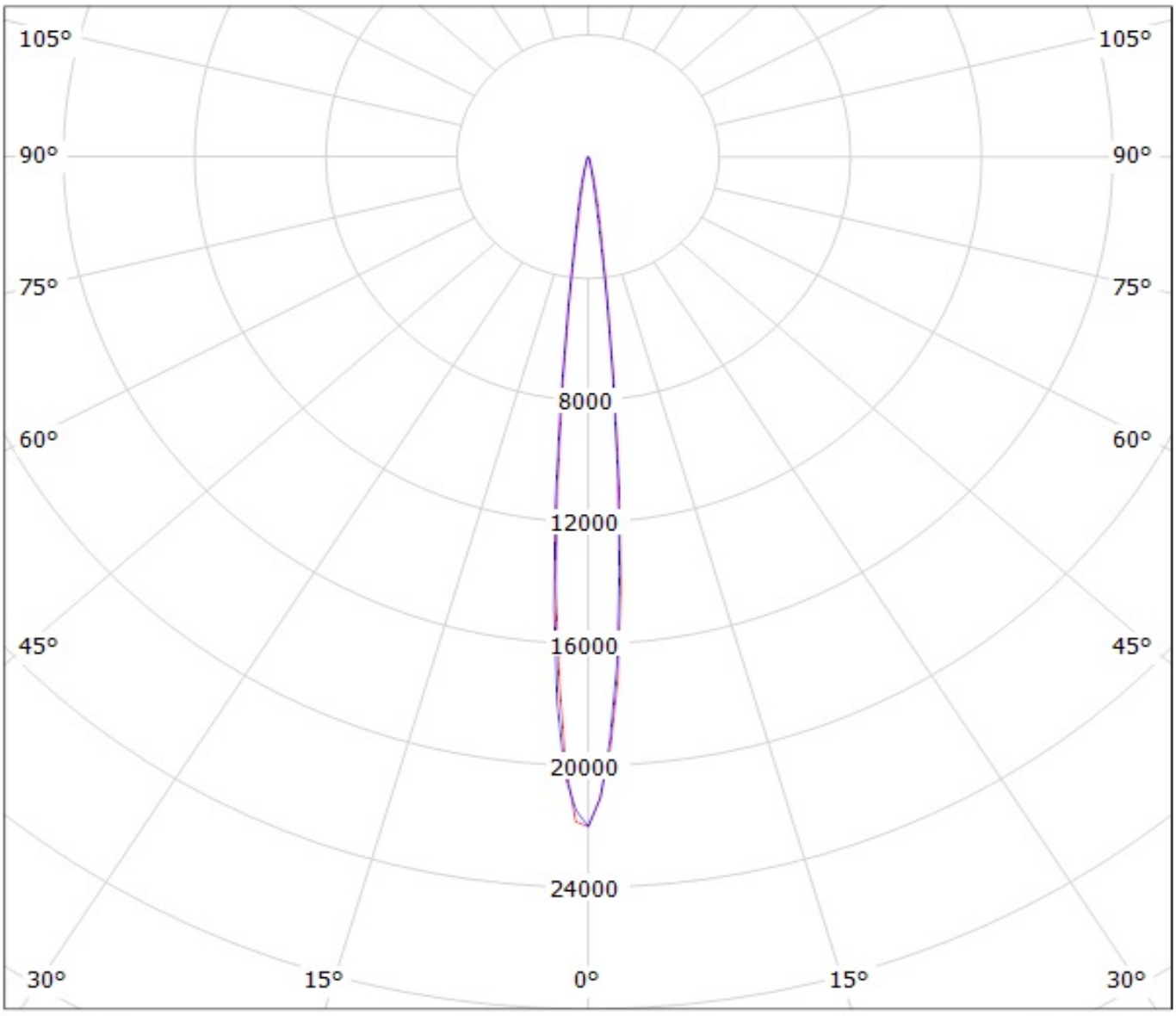
Luminaire: LEDiL Oy C14541_HB-2X2-RS_(XP-E2_(XPEBWT-L1-7B4-Q4-0-01)
Lamps: 1 x Cree_XP-E2_(XPEBWT-L1-7B4-Q4-0-01)_330.877lm@250mA_P=2.92033W_I=250mA



Luminaire: LEDiL Oy C14541_HB-2X2-RS_(XP-G2_(XPGBWT-L1-000-00G51)
Lamps: 1 x Cree_XP-G2_(XPGBWT-L1-000-00G51)_405.738lm@250mA_P=2.94157W_I=250mA



Luminaire: LEDiL Oy C14541_HB-2X2-RS_(XP-E2_(XPEBWT-L1-7B4-Q4-0-01)
Lamps: 1 x Cree_XP-E2_(XPEBWT-L1-7B4-Q4-0-01)_330.877lm@250mA_P=2.92033W_I=250mA

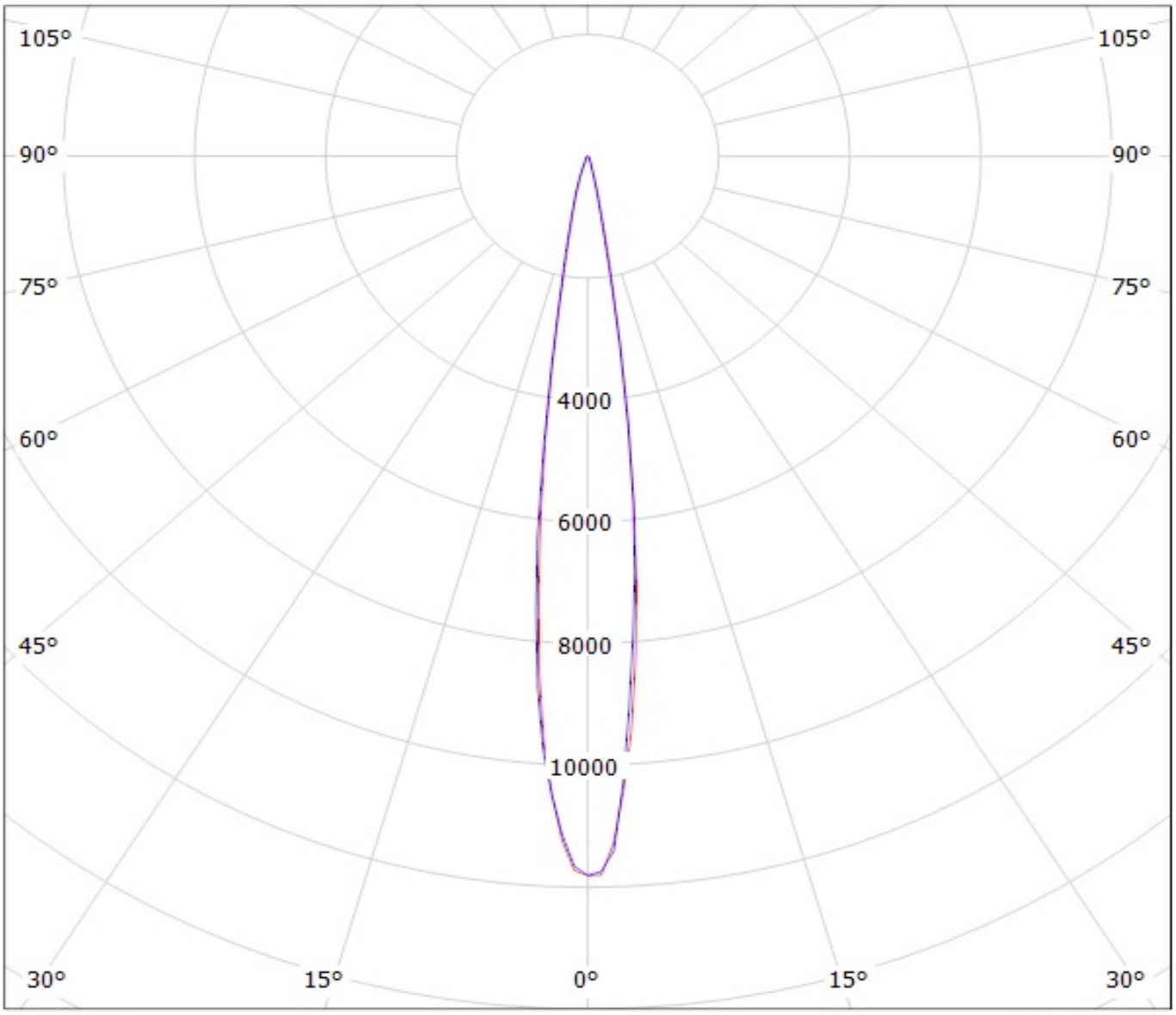


cd/klm

η = 96%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy C14541_HB-2X2-RS_(XP-G2_(XPGBWT-L1-000-00G51)
Lamps: 1 x Cree_XP-G2_(XPGBWT-L1-000-00G51)_405.738lm@250mA_P=2.94157W_I=250mA



cd/klm

η = 96%

C0 - C180 C90 - C270

NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.