PRODUCT DATASHEET
Tina2 series
last update 29/9/2015

DETAILS

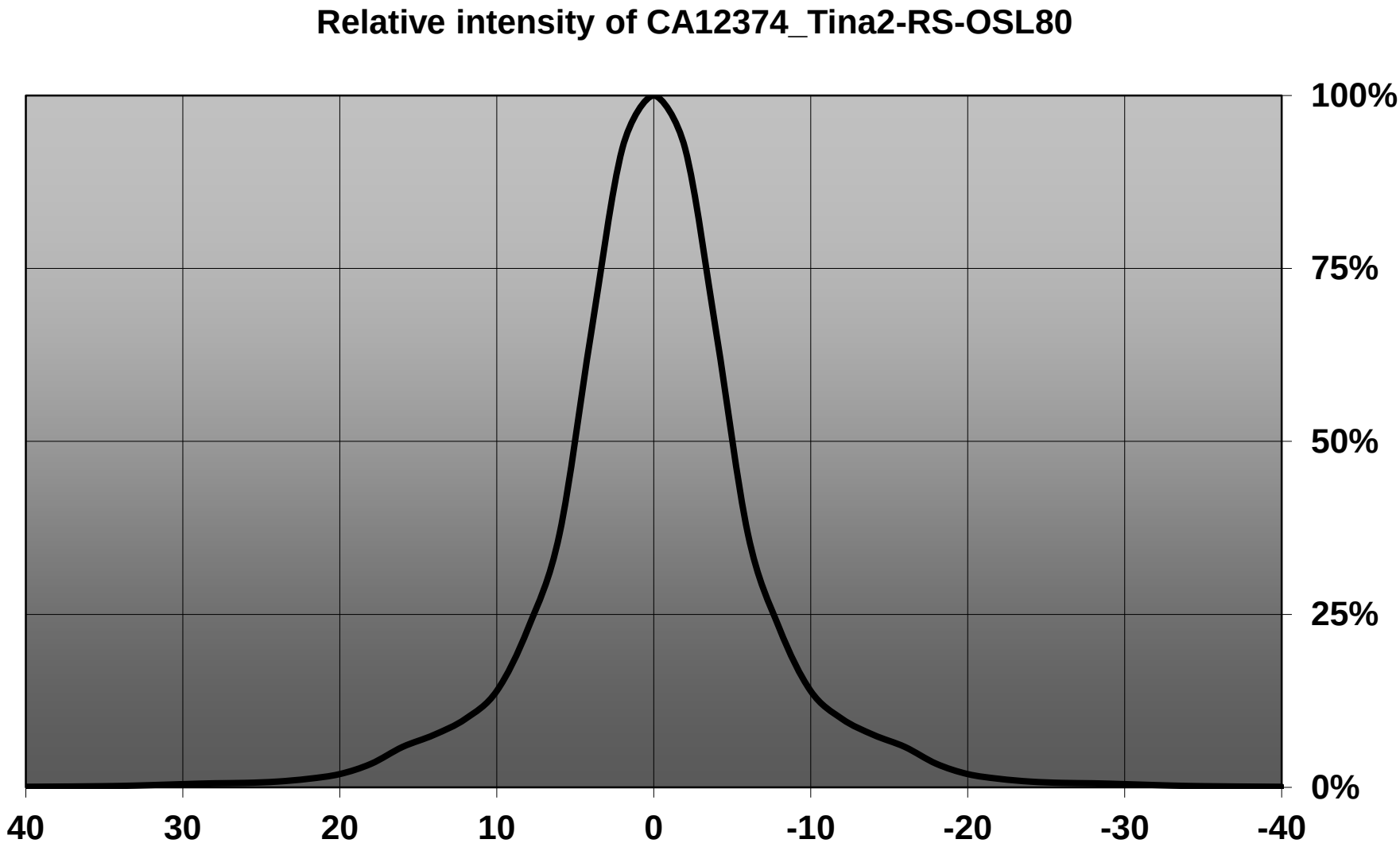
Product Number	CA12374_TINA2-RS
Family	Tina2
Type	Assembly
Color	black
Diameter	16 mm
Height	9,5 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	pin, tape
Status	ready
ROHS Comliant	Yes
Date Updated	29/09/2015

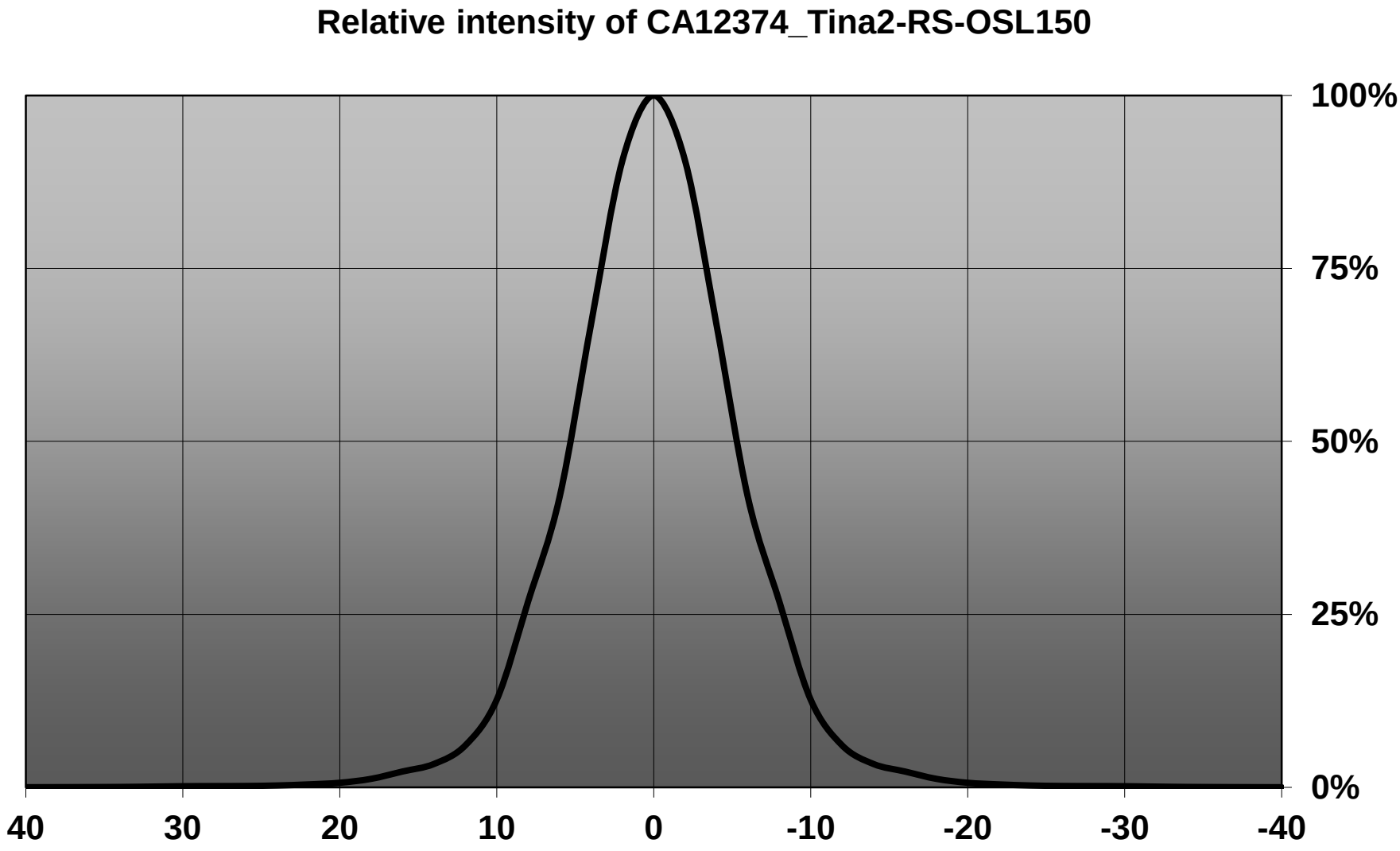
OPTICAL PROPERTIES

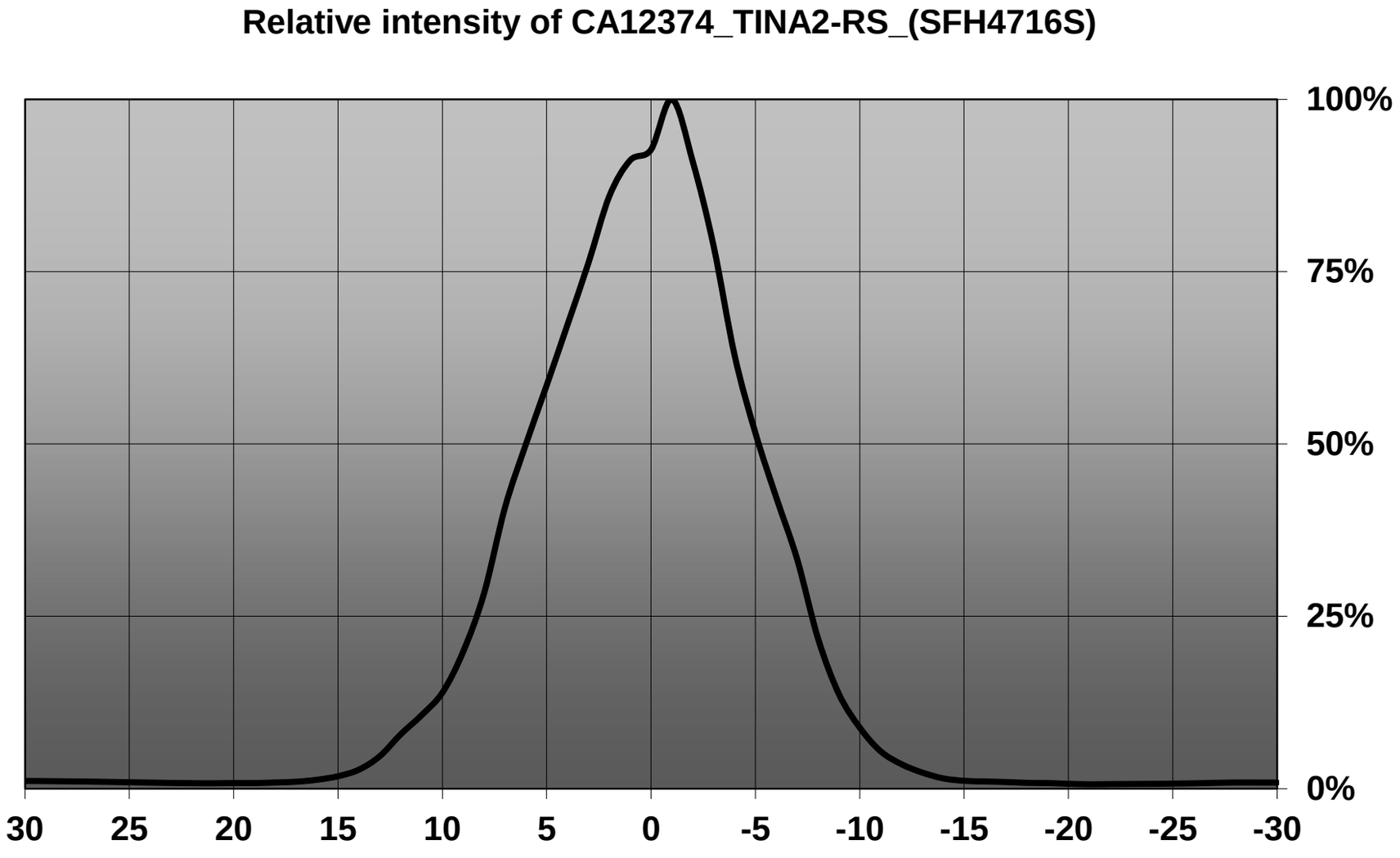
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
Luxeon C	sim: 11	Real spot	sim: 92 %	sim: 14.000	-
Oslon SSL 80	10 deg	Real spot	88 %	16.000	-
Oslon SSL 150	11 deg	Real spot	90 %	19.500	-
SFH4716S	11 deg	Real spot	-	sim: 0.000	-
Oslon Square PC	12 deg	Real spot	88 %	9.210	-
Oslon Square EC	13 deg	Real spot	88 %	9.300	-
SFH 4715S (IR)	14 deg	Real spot	-	sim: 0.000	-
LUXEON TX	15 deg	Real spot	89 %	9.860	-
XB-H	17 deg	Real spot	86 %	8.700	-

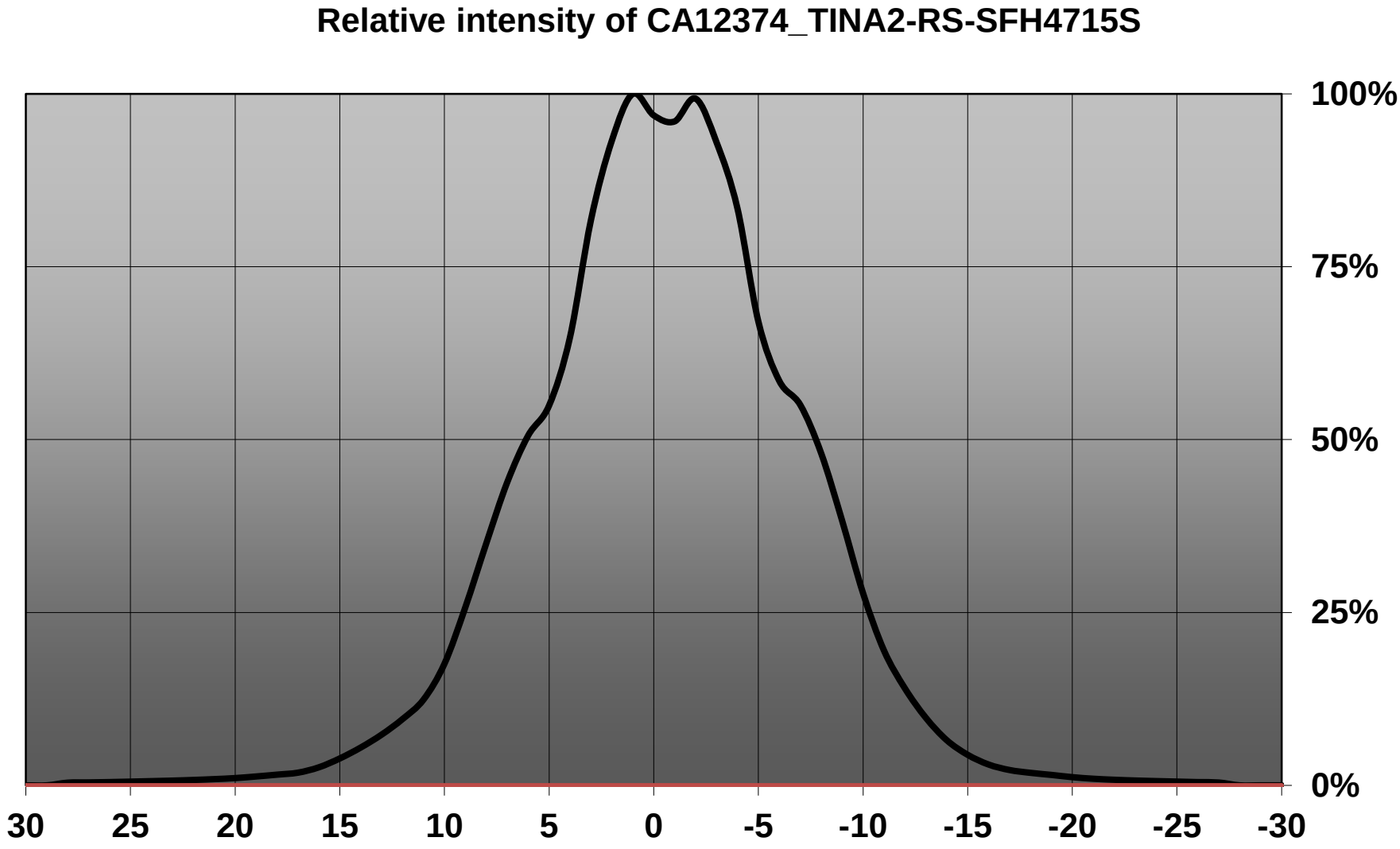
Ledil Oy
Salorankatu 10
24240 SALO, Finland

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

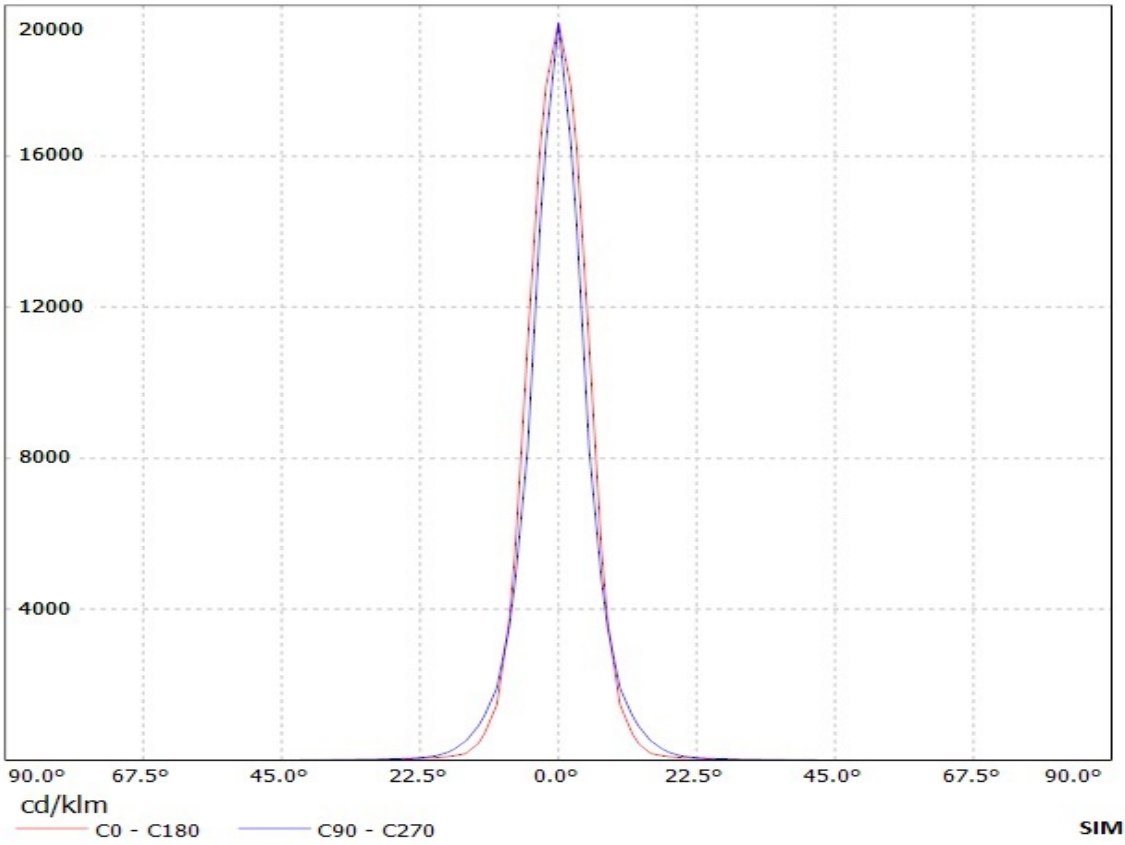

Relative intensity of CA12374_Tina2-RS-OSL80
100%
75%
50%
25%
0%
40
30
20
10
0
-10
-20
-30
-40


Relative intensity of CA12374_Tina2-RS-OSL150
100%
75%
50%
25%
0%
40
30
20
10
0
-10
-20
-30
-40

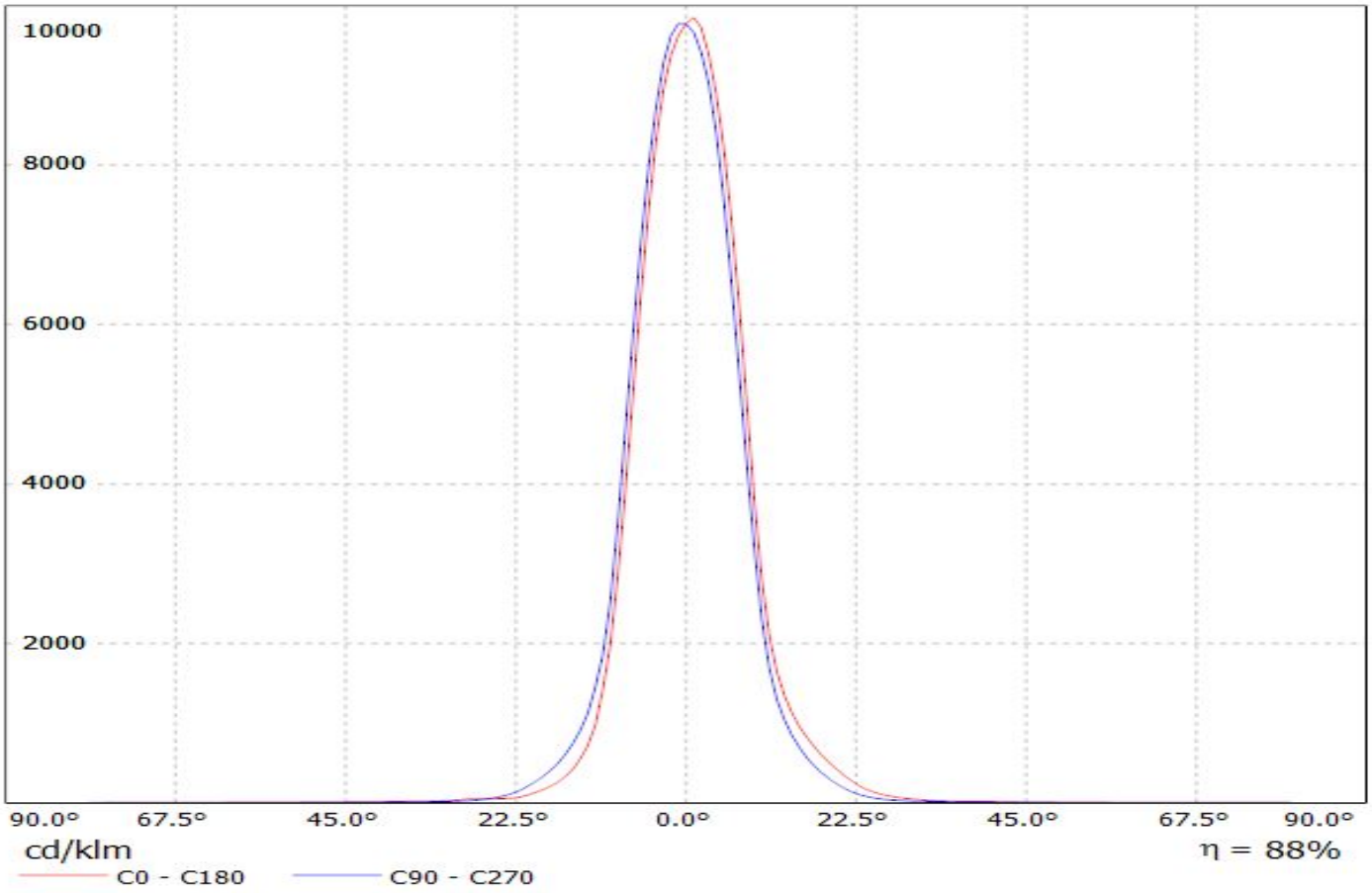

Relative intensity of CA12374_TINA2-RS_(SFH4716S)
100%
75%
50%
25%
0%
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30


Relative intensity of CA12374_TINA2-RS-SFH4715S
100%
75%
50%
25%
0%
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30

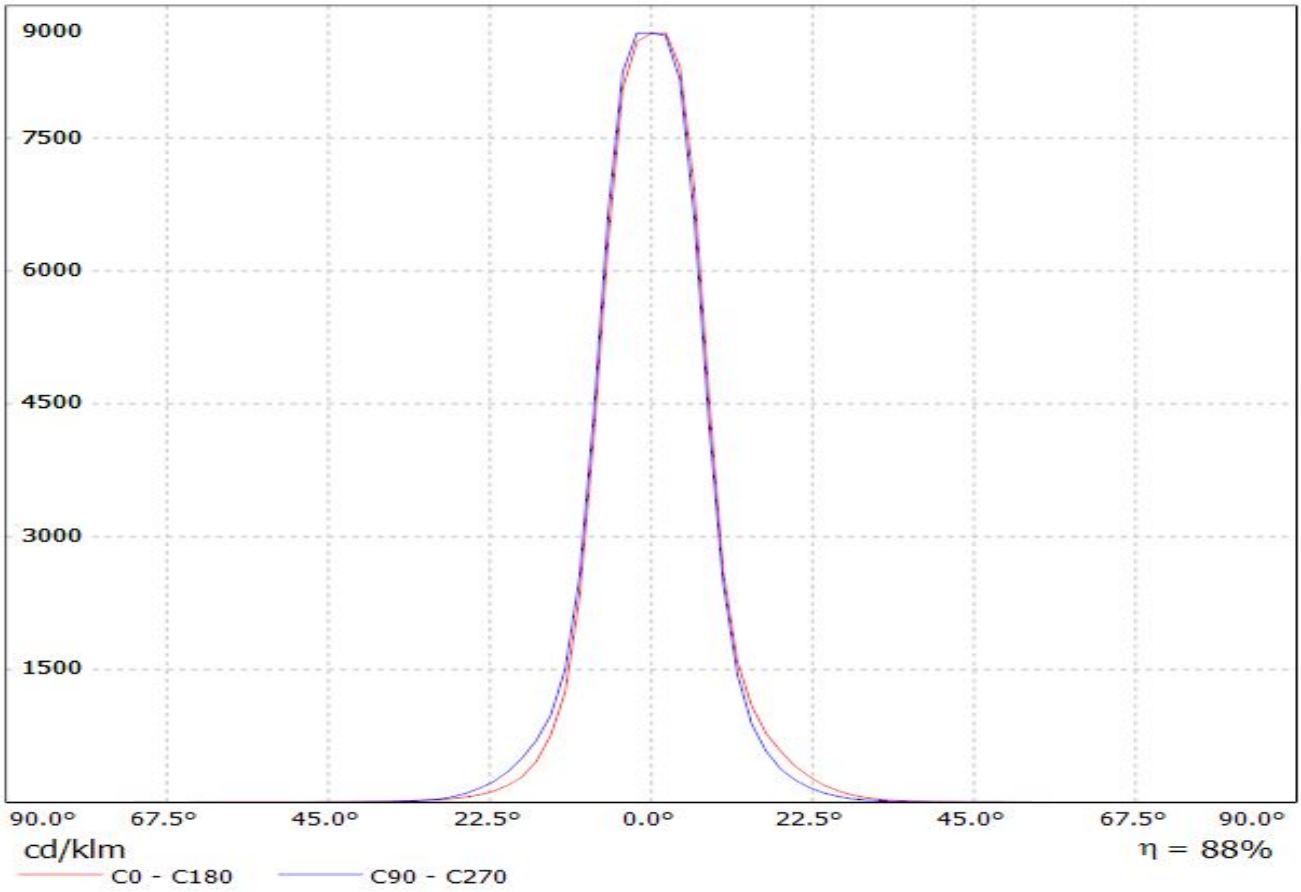
Luminaire: Ledil Oy CA12374_Tina2-RS-OSL150 LOR=90%
Lamps: 1 x Osram OSL 150 110lm 250mA



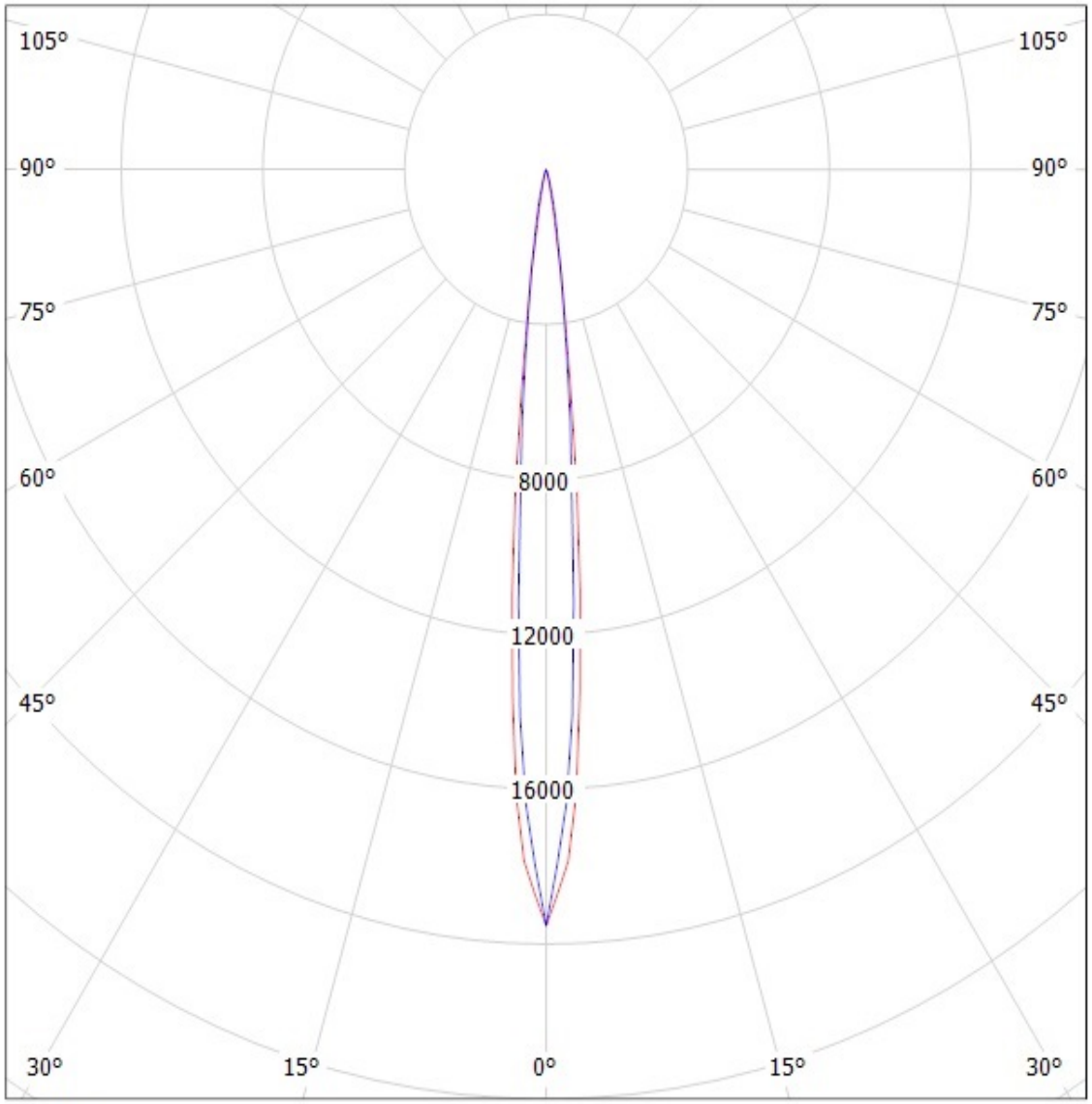
Luminaire: LEDiL Oy CA12374_TINA2-RS_(TX)
Lamps: 1 x Luxeon_TX_(L1T2-5770)_109.051lm@250mA_P=0.732157W_I=0.2499A



Luminaire: Ledil Oy CA12374_TINA2-RS_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



Luminaire: Ledil Oy CA12374_Tina2-RS-OSL150 LOR=90%
Lamps: 1 x Osram OSL 150 110lm 250mA

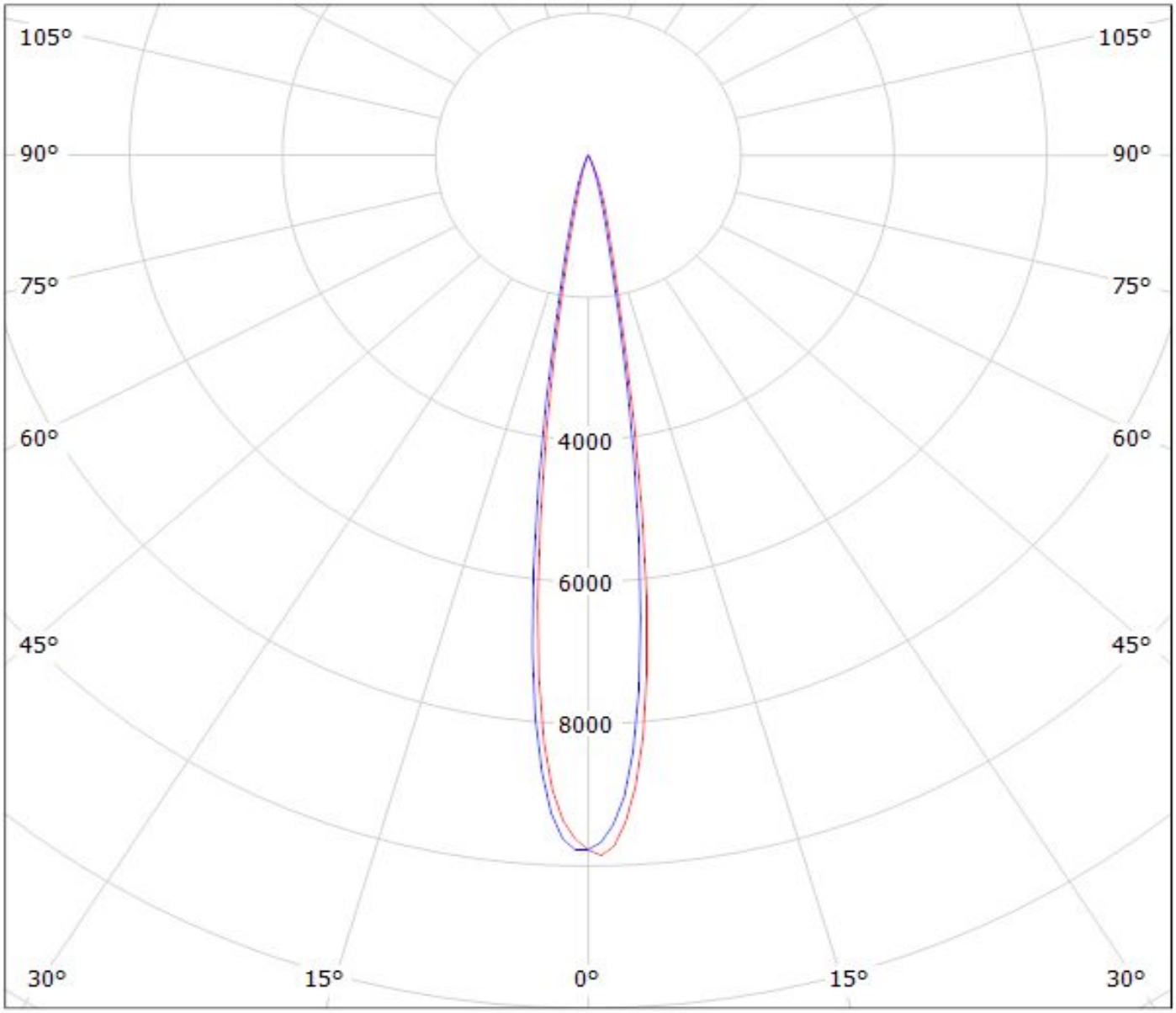


cd/klm

C0 - C180 C90 - C270

SIMULATED

Luminaire: LEDiL Oy CA12374_TINA2-RS_(TX)
Lamps: 1 x Luxeon_TX_(L1T2-5770)_109.051lm@250mA_P=0.732157W_I=0.2499A

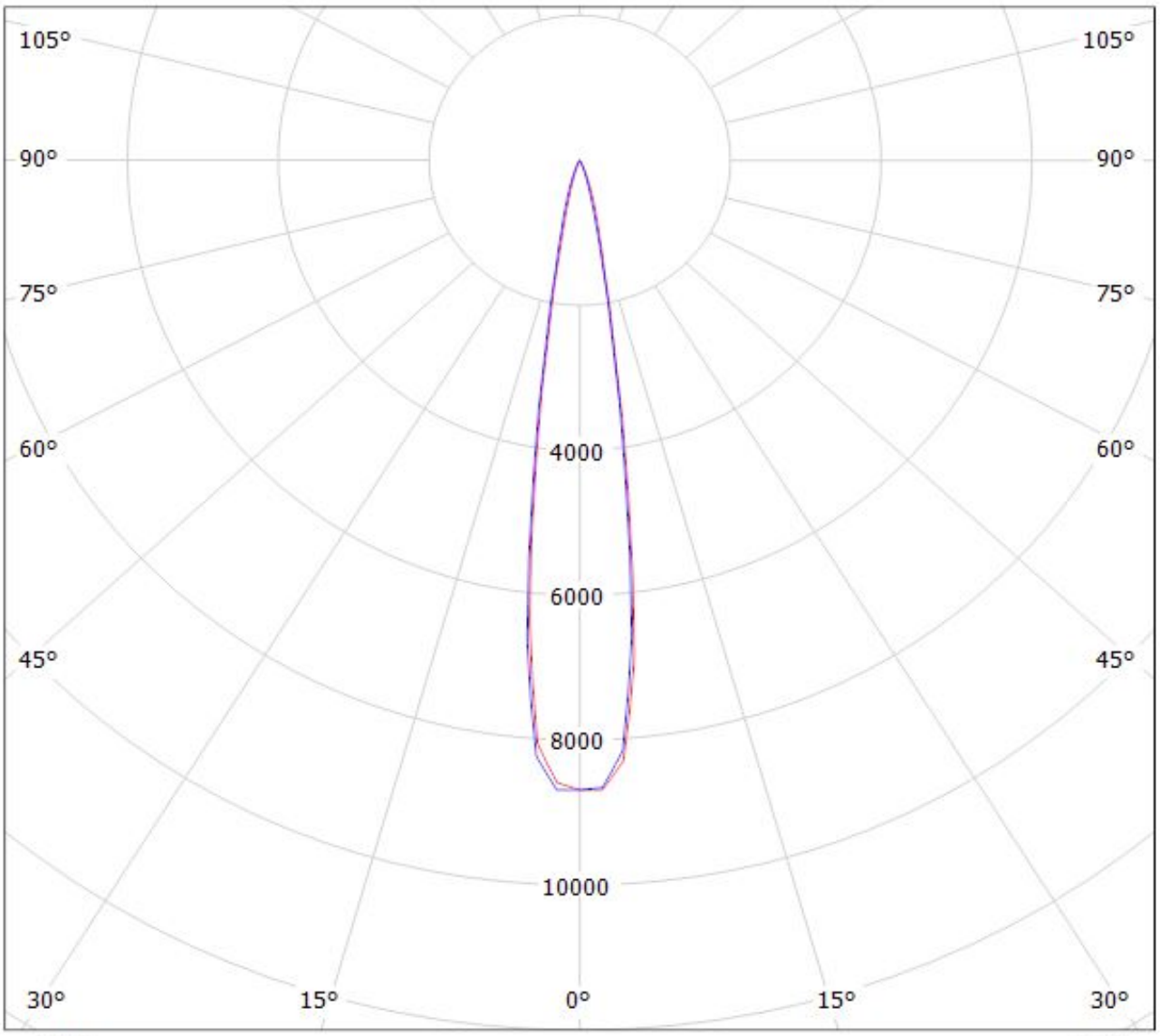


cd/klm

η = 88%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CA12374_TINA2-RS_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



cd/klm

η = 88%

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.