PRODUCT DATASHEET
Laura series
last update 21/8/2013

DETAILS



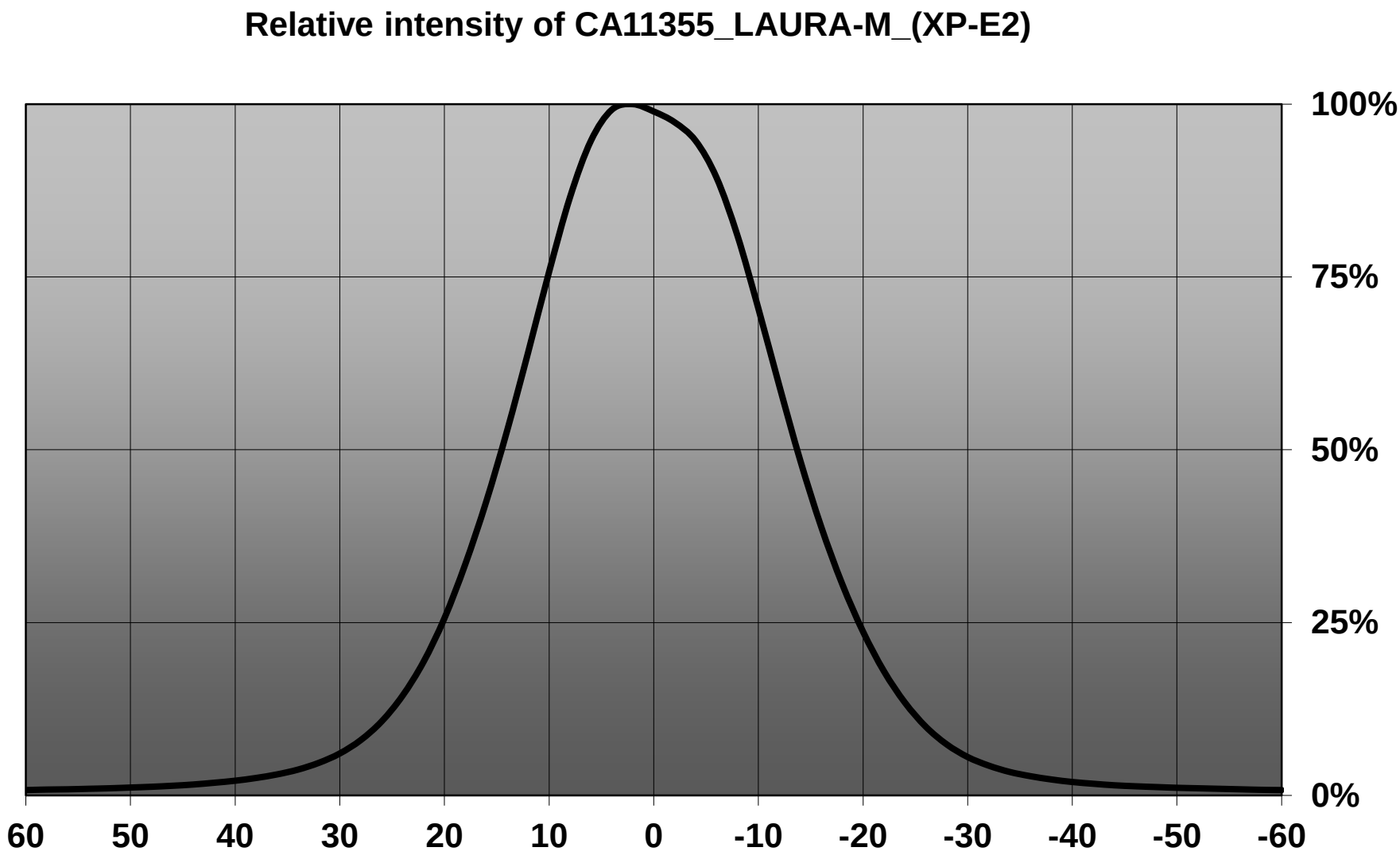
Product Number	CA11355_LAURA-M
Family	Laura
Type	Assembly
Color	black
Diameter	21,6 x 21,6 mm
Height	13,1 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	tape
Status	production ready
ROHS Comliant	Yes
Date Updated	21/08/2013

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XP-E	30 deg	Medium	83 %	2.690	-
XP-G	34 deg	Medium	83 %	2.400	-
XT-E	28 deg	Medium	-	2.380	-
XP-E-HEW	27 deg	Medium	85 %	2.600	-
XP-G2	32 deg	Medium	83 %	2.400	-
XP-E2	28 deg	Medium	83 %	2.980	-
H35C1 (LEMWA33)	33 deg	Medium	82 %	2.300	-
Z5	sim: 15	Medium	-	-	-

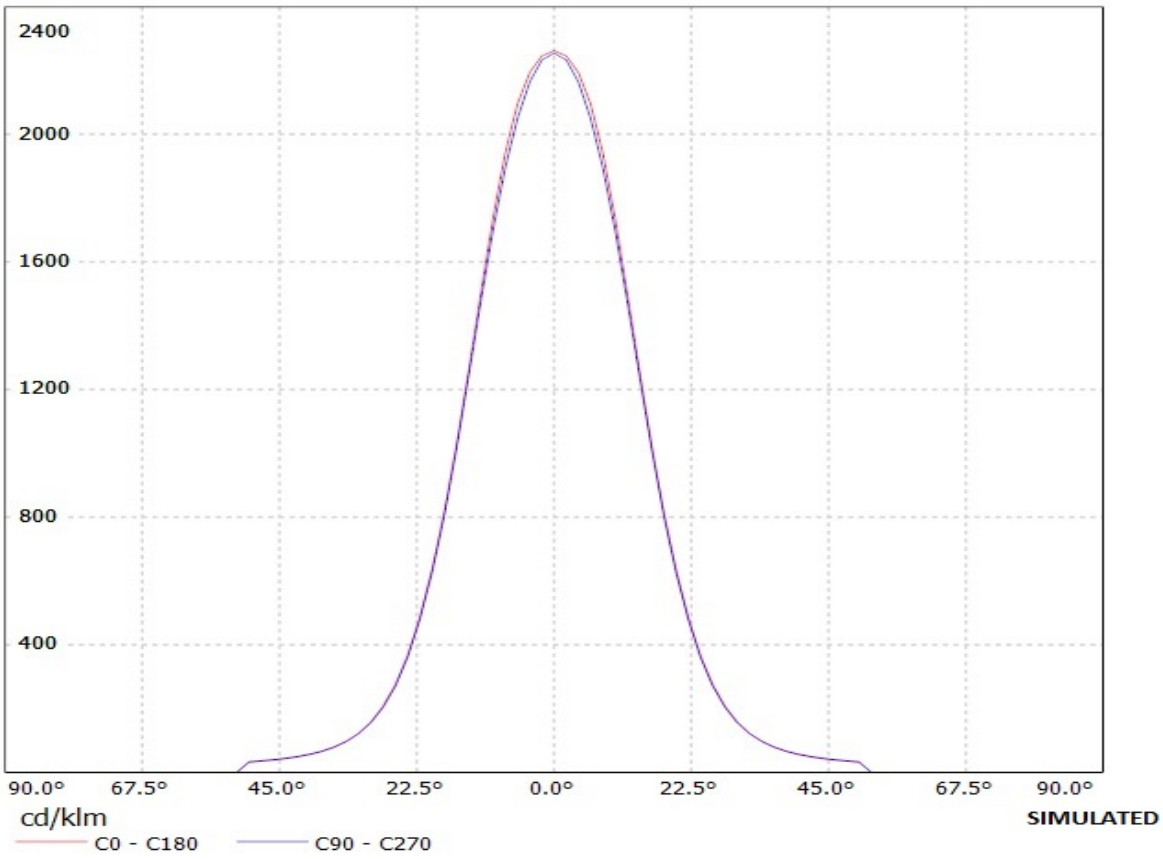
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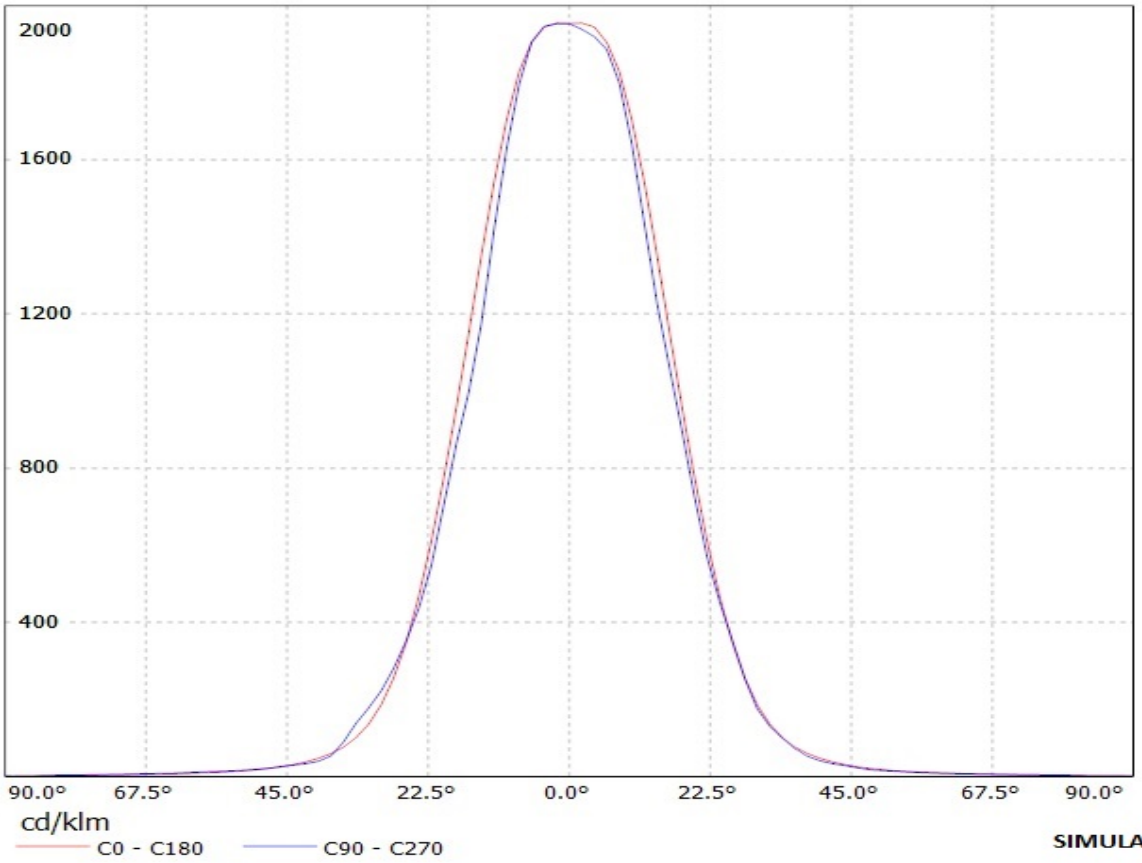

Relative intensity of CA11355_LAURA-M_(XP-E2)
100%
75%
50%
25%
0%
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60

Ledil Oy CA11355_Laura-M-Pin-XP-tape CA11355_Laura-M-Pin-XP-tape LOR=93% / LDC (Linear)

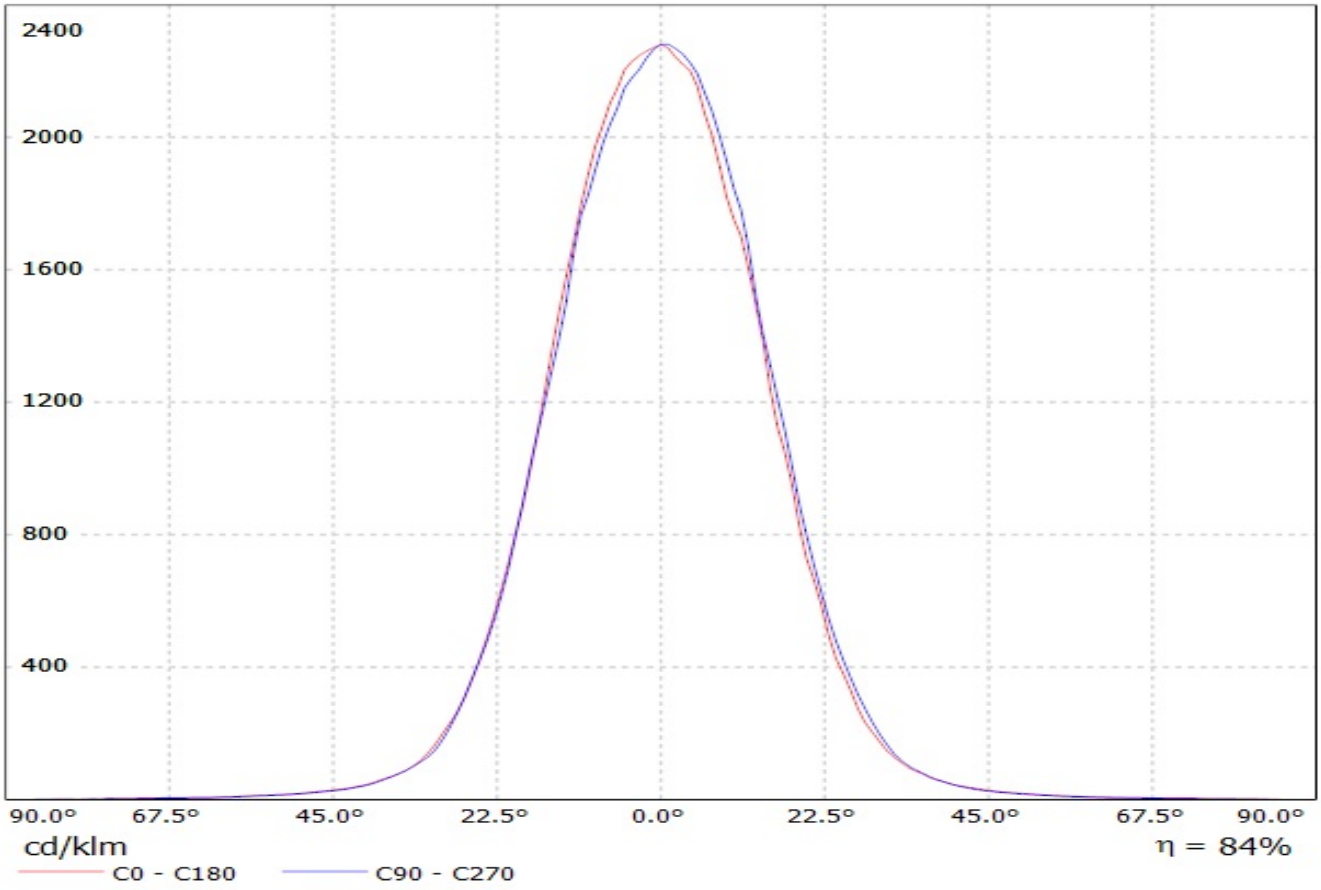
Luminaire: Ledil Oy CA11355_Laura-M-Pin-XP-tape CA11355_Laura-M-Pin-XP-tape LOR=93%
Lamps: 1 x Cree XP-E white



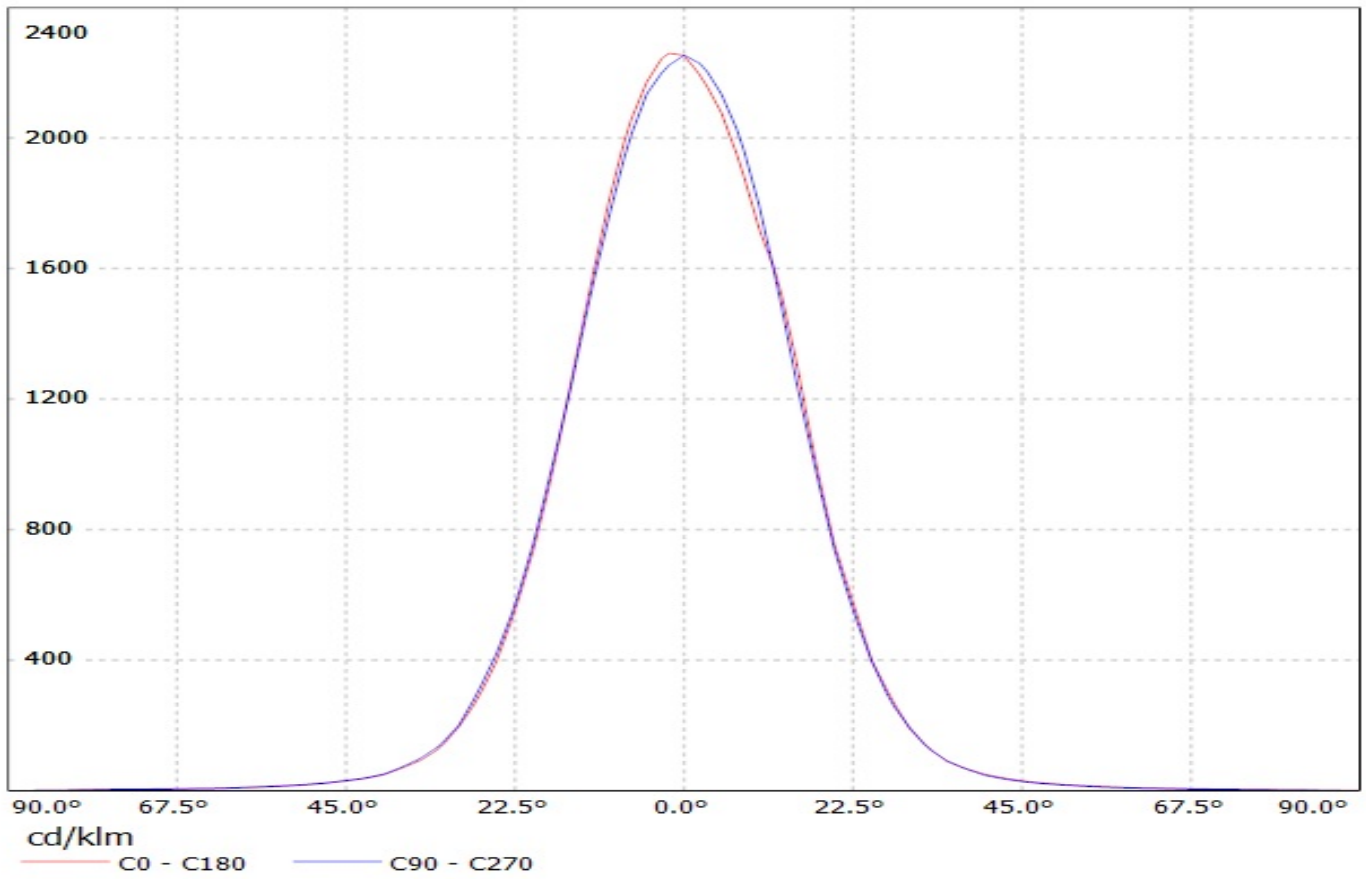
Luminaire: Ledil Oy CA11355_LAURA-M-BLK LOR=93%
Lamps: 1 x Cree XP-G 250mA 63.5lm Warm



Luminaire: Ledil Oy CA11355_Laura-M_(XP-G2) Efficiency=83%
Lamps: 1 x Cree XP-G2 (XPGBWT-L1-0000-00FE4) 102lm @ 250mA CCT=4900K P=0.8W I=250mA

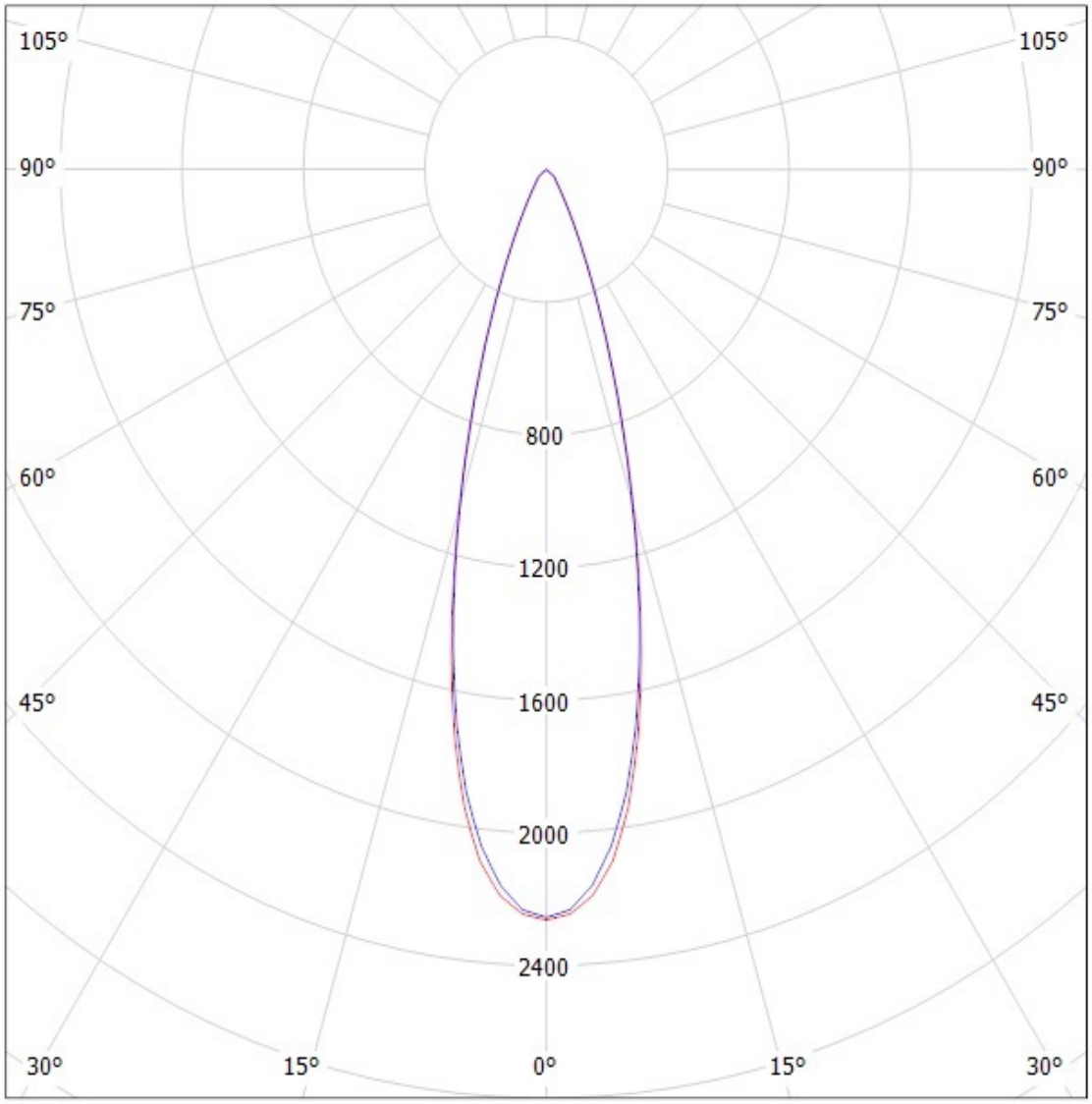


Luminaire: Ledil Oy CA11355_LAURA-M_(3535_Ceramic_gen2) Efficiency=82%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W I=250mA



Ledil Oy CA11355_Laura-M-Pin-XP-tape CA11355_Laura-M-Pin-XP-tape LOR=93% / LDC (Polar)

Luminaire: Ledil Oy CA11355_Laura-M-Pin-XP-tape CA11355_Laura-M-Pin-XP-tape LOR=93%
Lamps: 1 x Cree XP-E white

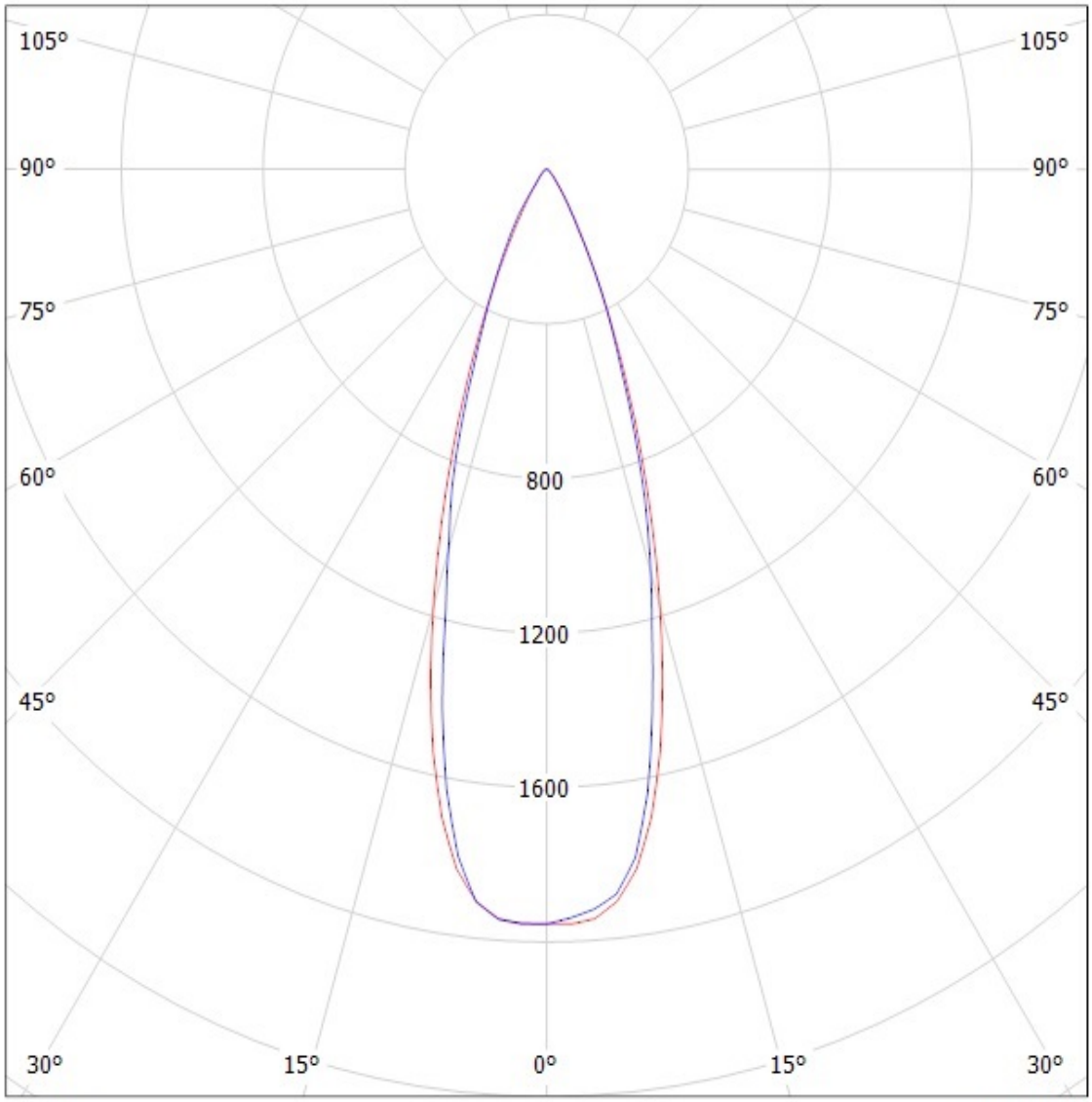


cd/klm

C0 - C180 C90 - C270

SIMULATED

Luminaire: Ledil Oy CA11355_LAURA-M-BLK LOR=93%
Lamps: 1 x Cree XP-G 250mA 63.5lm Warm

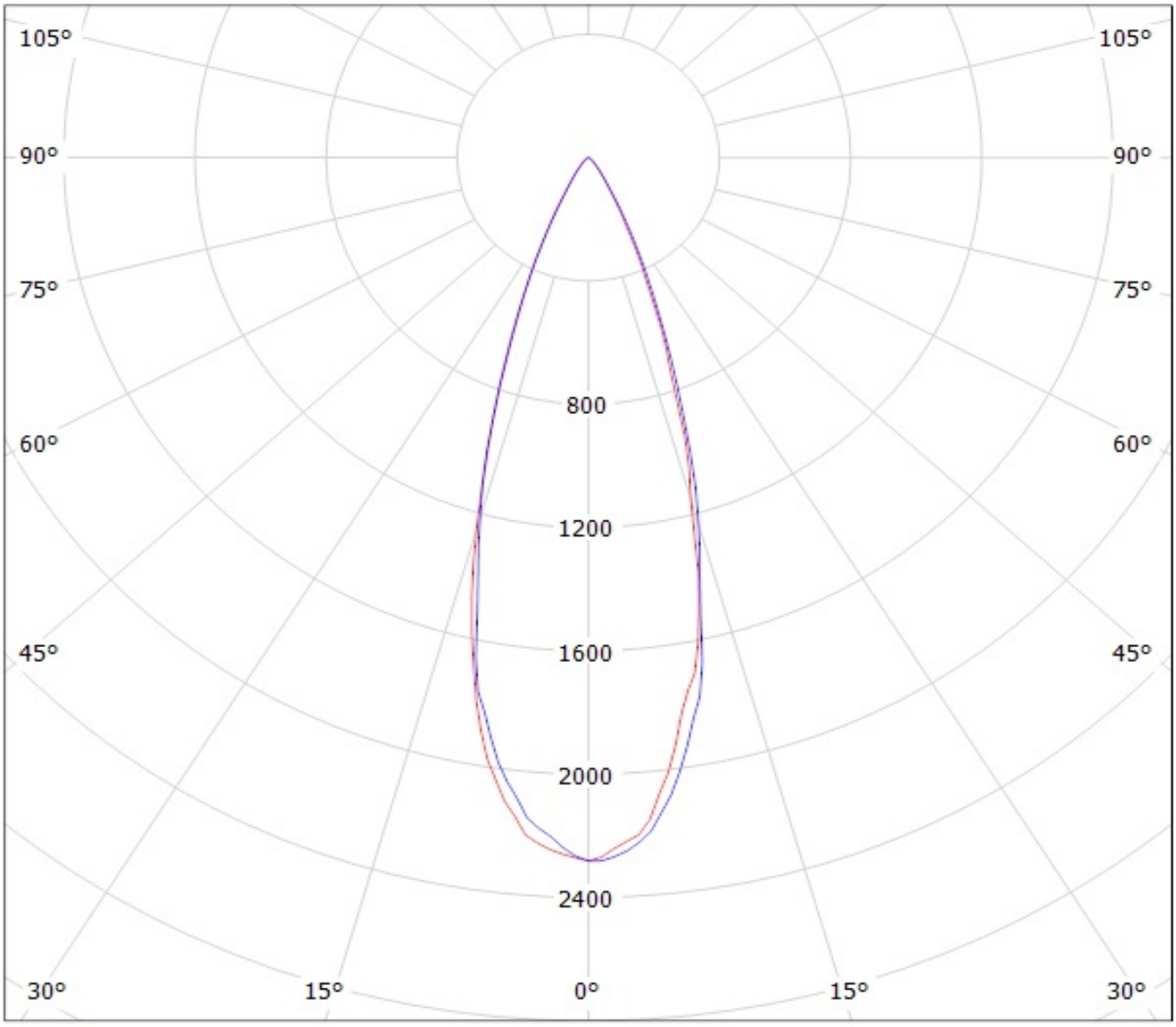


cd/klm

SIMULATED

C0 - C180 C90 - C270

Luminaire: Ledil Oy CA11355_Laura-M_(XP-G2) Efficiency=83%
Lamps: 1 x Cree XP-G2 (XPGBWT-L1-0000-00FE4) 102lm @ 250mA CCT=4900K P=0.8W I=250mA

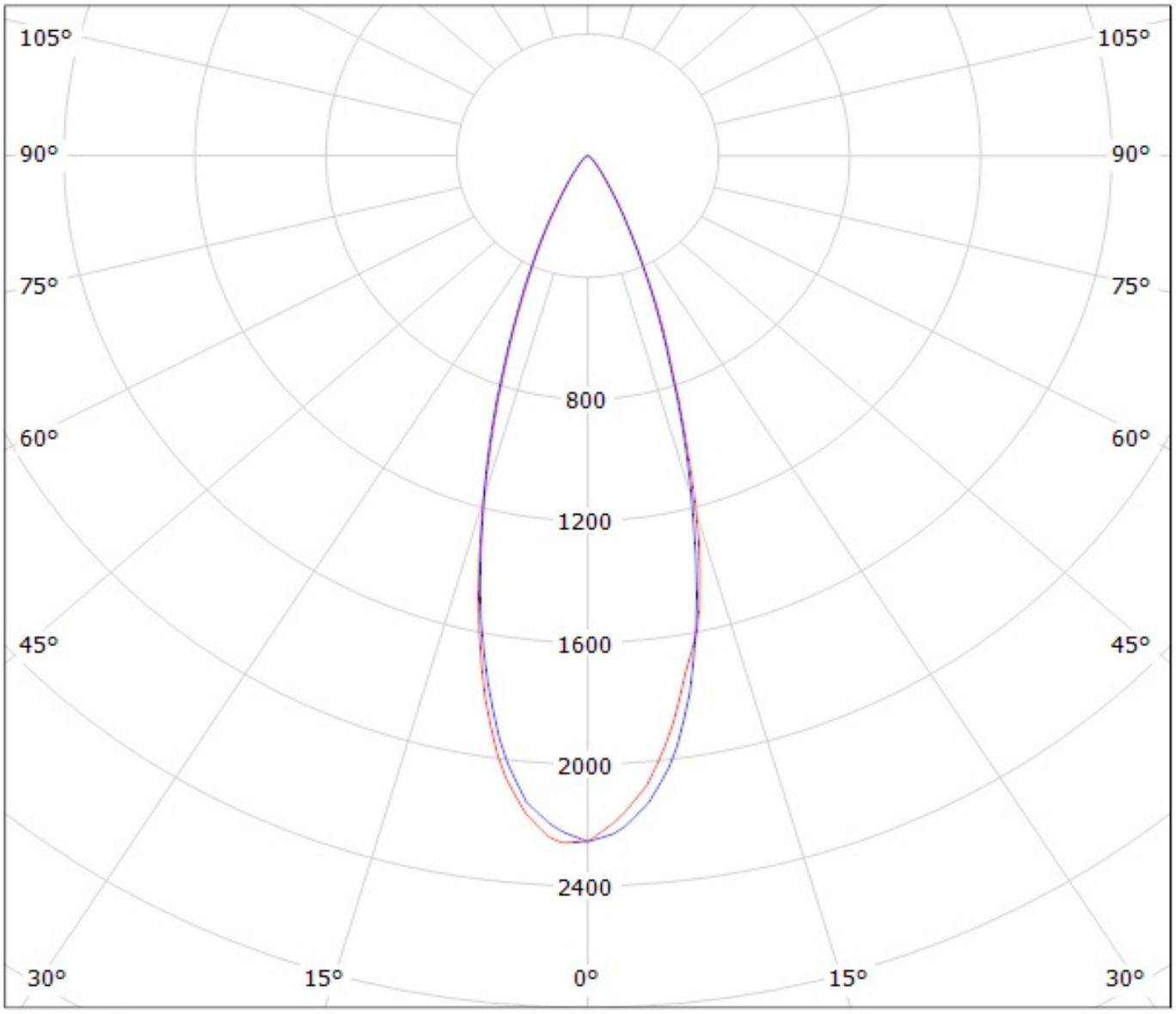


cd/klm

η = 84%

C0 - C180 C90 - C270

Luminaire: Ledil Oy CA11355_LAURA-M_(3535_Ceramic_gen2) Efficiency=82%
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W I=250mA



cd/klm

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.