

## DETAILS

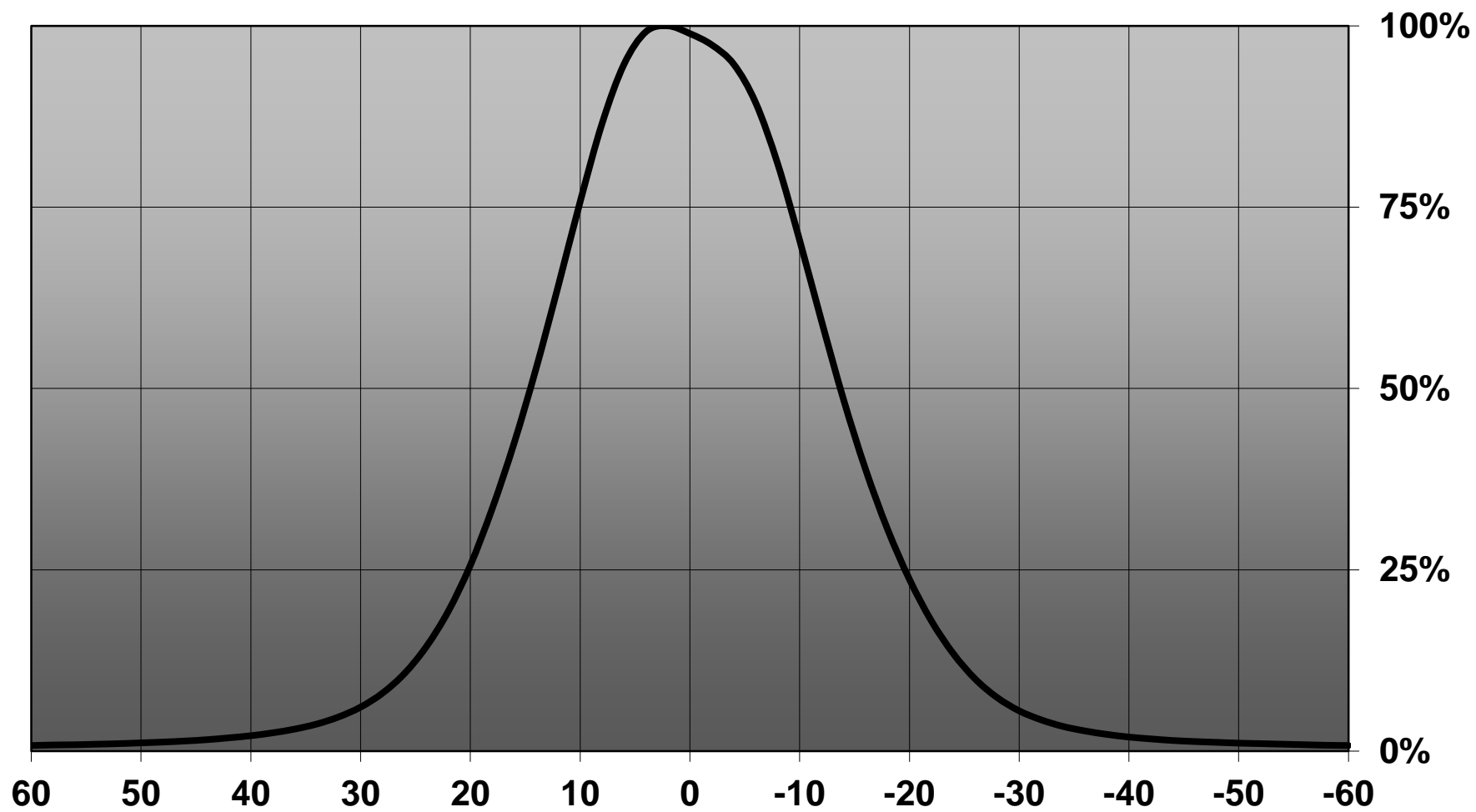
<b>Product Number</b>	CA11355_LAURA-M
<b>Family</b>	Laura
<b>Type</b>	Assembly
<b>Color</b>	black
<b>Diameter</b>	21,6 x 21,6 mm
<b>Height</b>	13,1 mm
<b>Style</b>	square
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	tape
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes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



## OPTICAL PROPERTIES

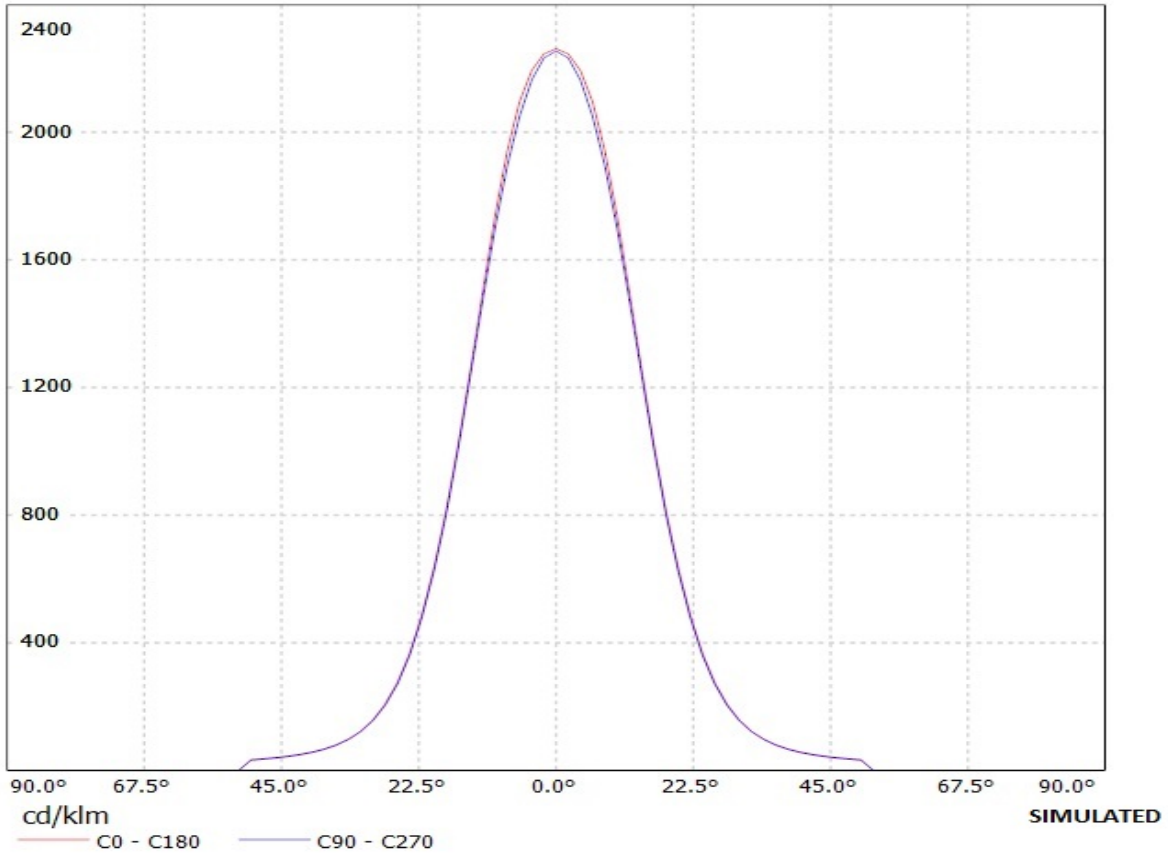
LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
XP-E	30 deg	Medium	83 %	2.690	-
XP-G	34 deg	Medium	83 %	2.400	-
XT-E	28 deg	Medium	-	2.380	-
XP-E-HEW	27 deg	Medium	85 %	2.600	-
XP-G2	32 deg	Medium	83 %	2.400	-
XP-E2	28 deg	Medium	83 %	2.980	-
H35C1 (LEMWA33)	33 deg	Medium	82 %	2.300	-
Z5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

### Relative intensity of CA11355\_LAURA-M\_(XP-E2)



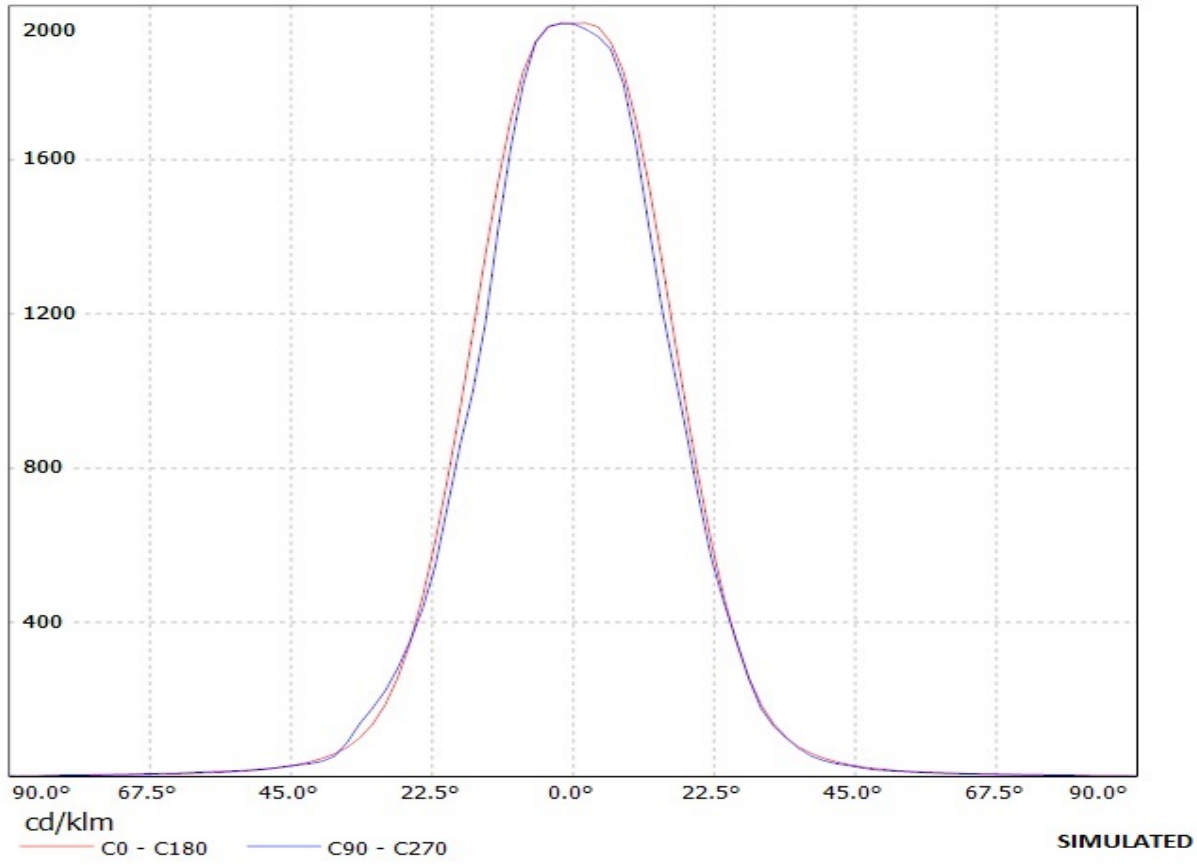
**Ledil Oy CA11355\_Laura-M-Pin-XP-tape CA11355\_Laura-M-Pin-XP-tape LOR=93% / LDC (Linear)**

Luminaire: Ledil Oy CA11355\_Laura-M-Pin-XP-tape CA11355\_Laura-M-Pin-XP-tape LOR=93%  
Lamps: 1 x Cree XP-E white

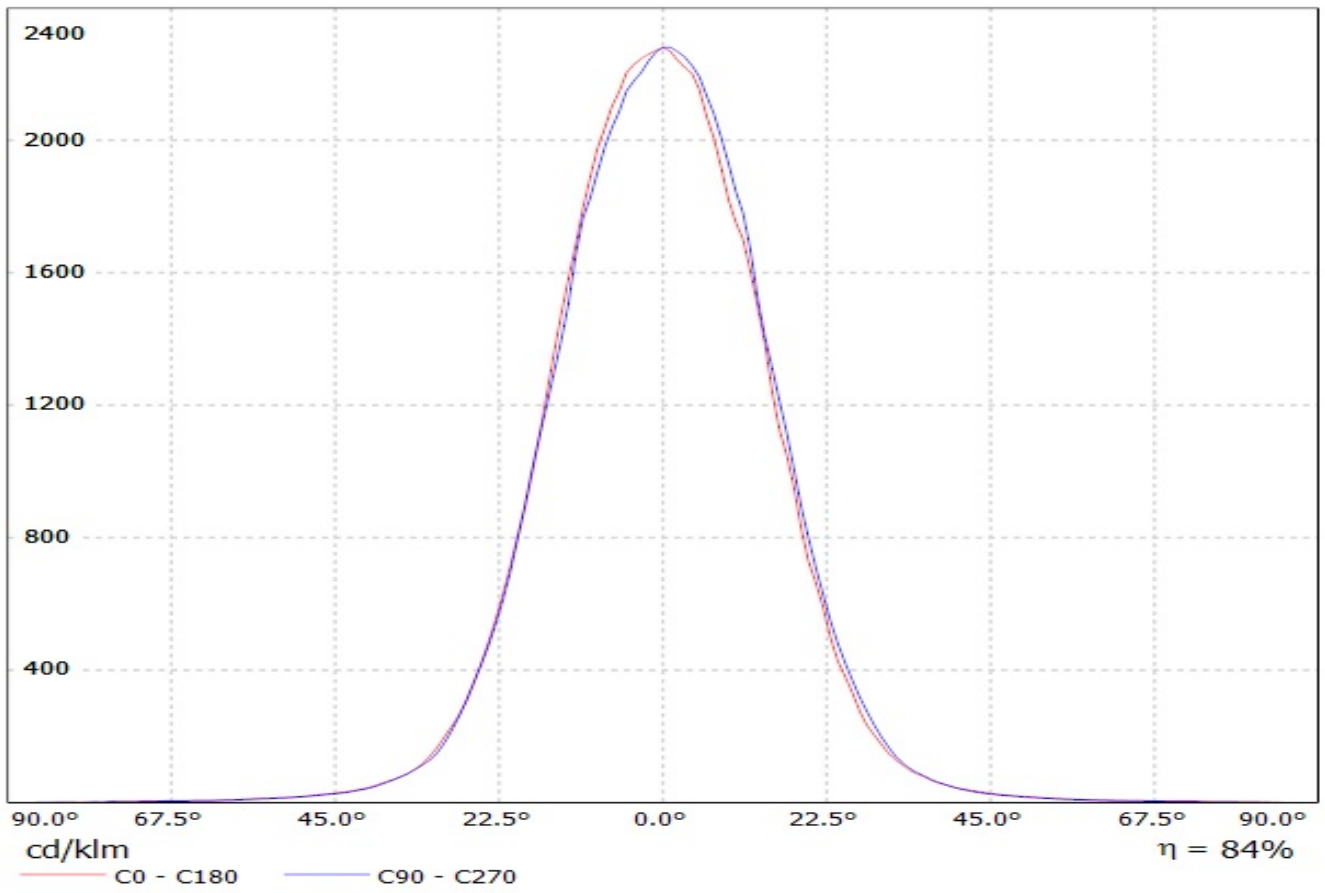


# Ledil Oy CA11355\_LAURA-M-BLK LOR=93% / LDC (Linear)

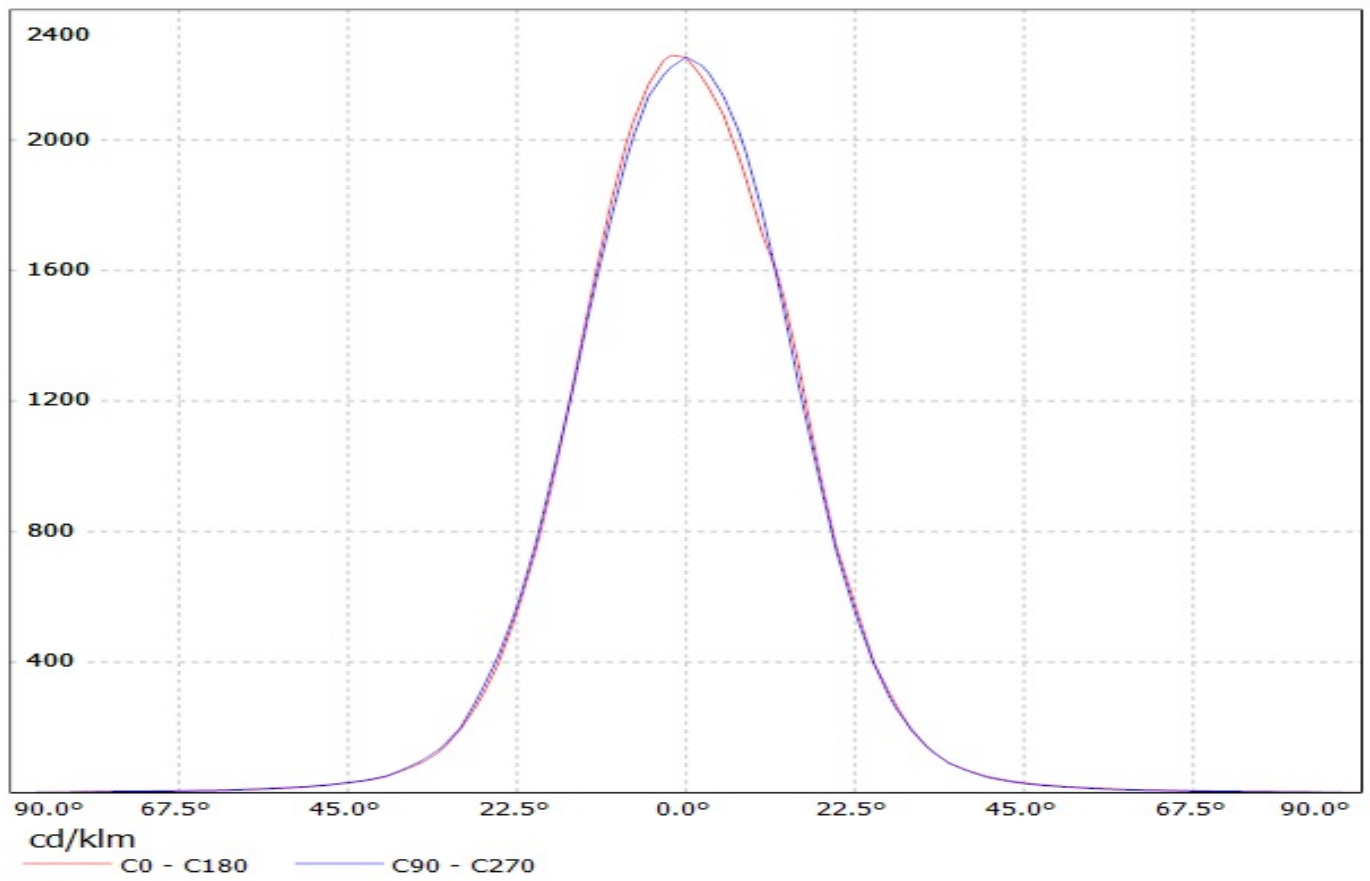
Luminaire: Ledil Oy CA11355\_LAURA-M-BLK LOR=93%  
Lamps: 1 x Cree XP-G 250mA 63.5lm Warm



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

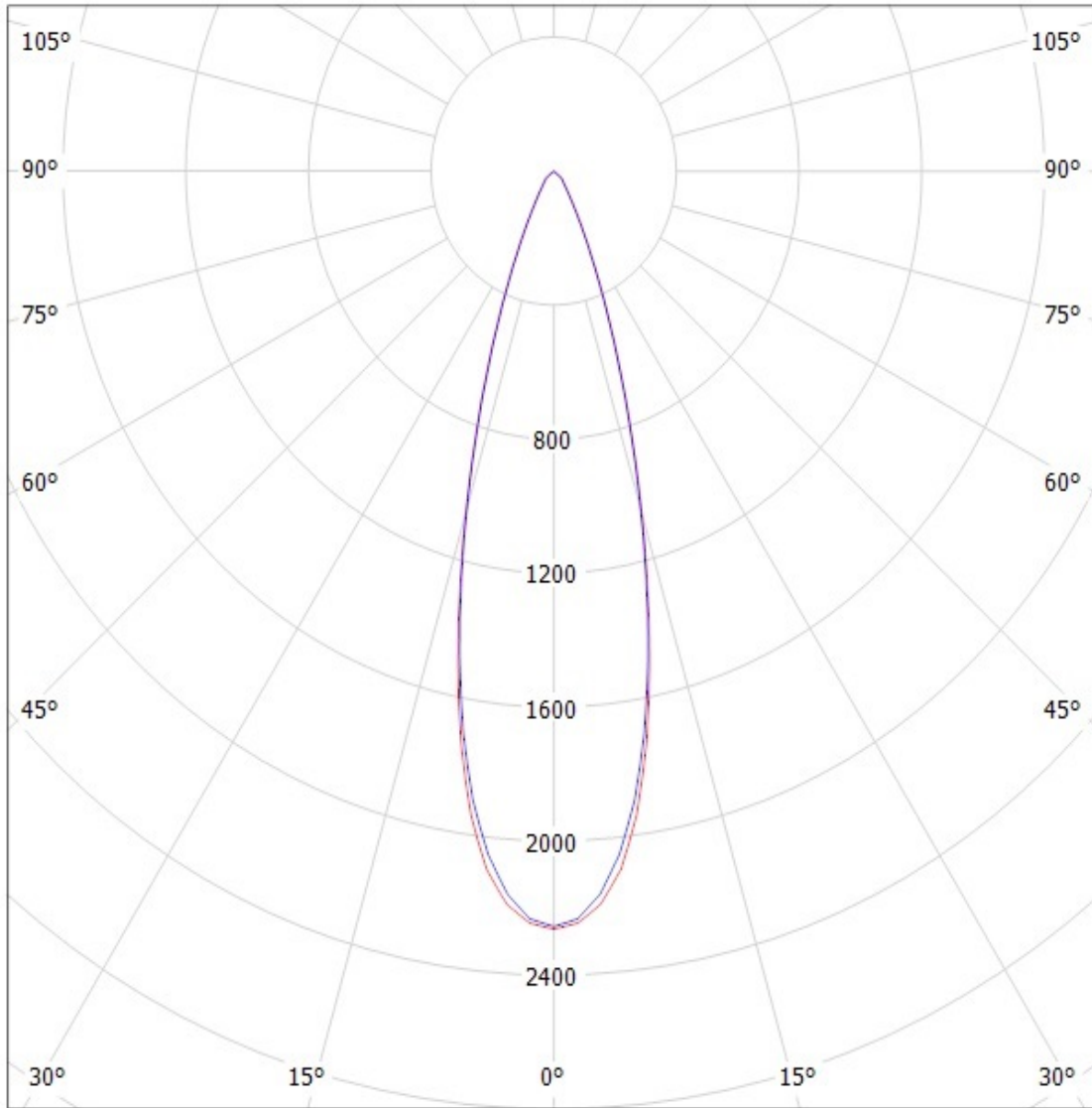


Luminaire: Ledil Oy CA11355\_LAURA-M (3535\_Ceramic\_gen2) Efficiency=82%  
Lamps: 1 x LG 3535 Ceramic gen2 (PKG5700K) 116lm @ 250mA CCT=6200K P=0.7W I=250mA



**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

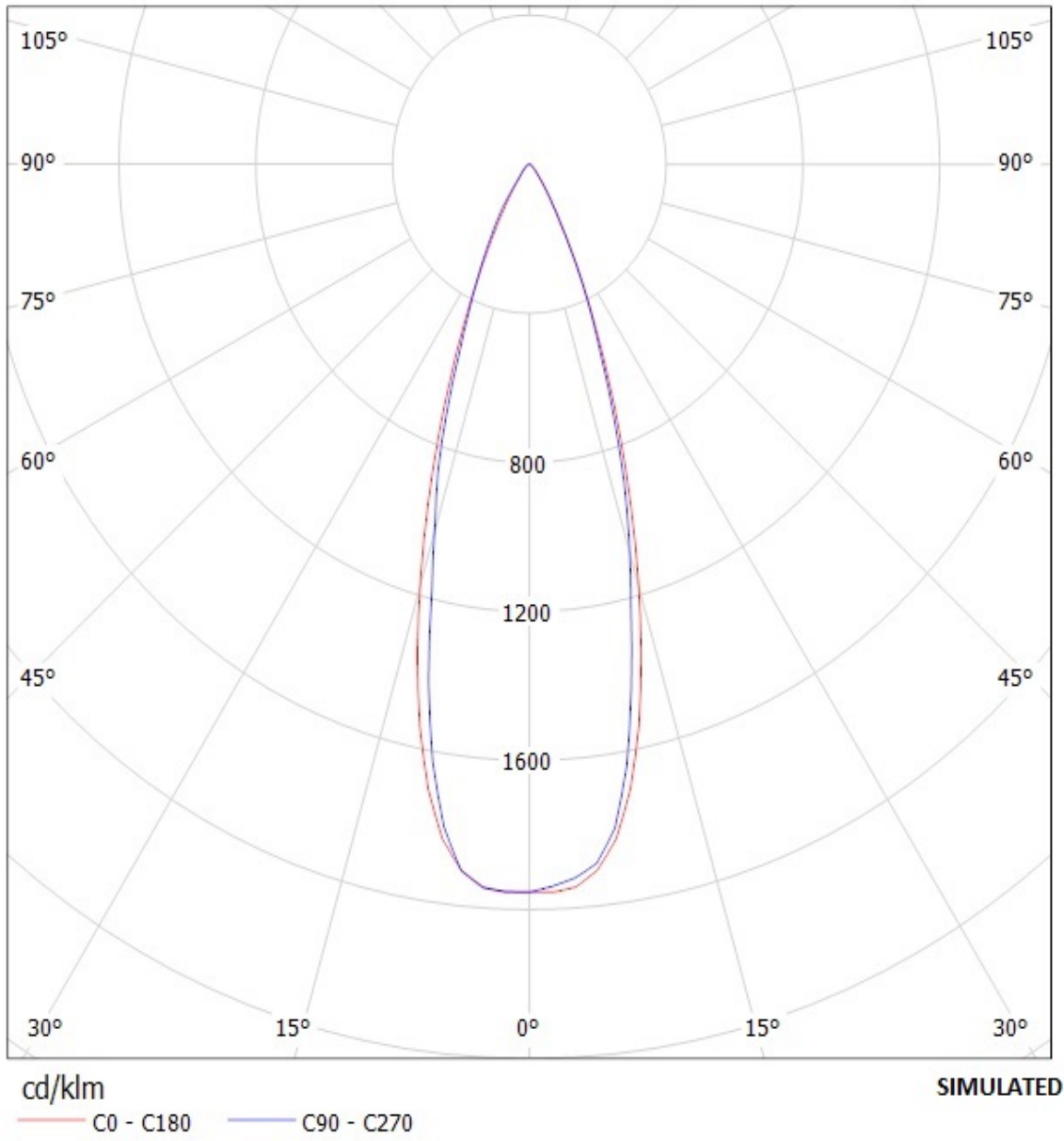
— C0 - C180    — C90 - C270

**SIMULATED**

# Ledil Oy CA11355\_LAURA-M-BLK LOR=93% / LDC (Polar)

Luminaire: Ledil Oy CA11355\_LAURA-M-BLK LOR=93%

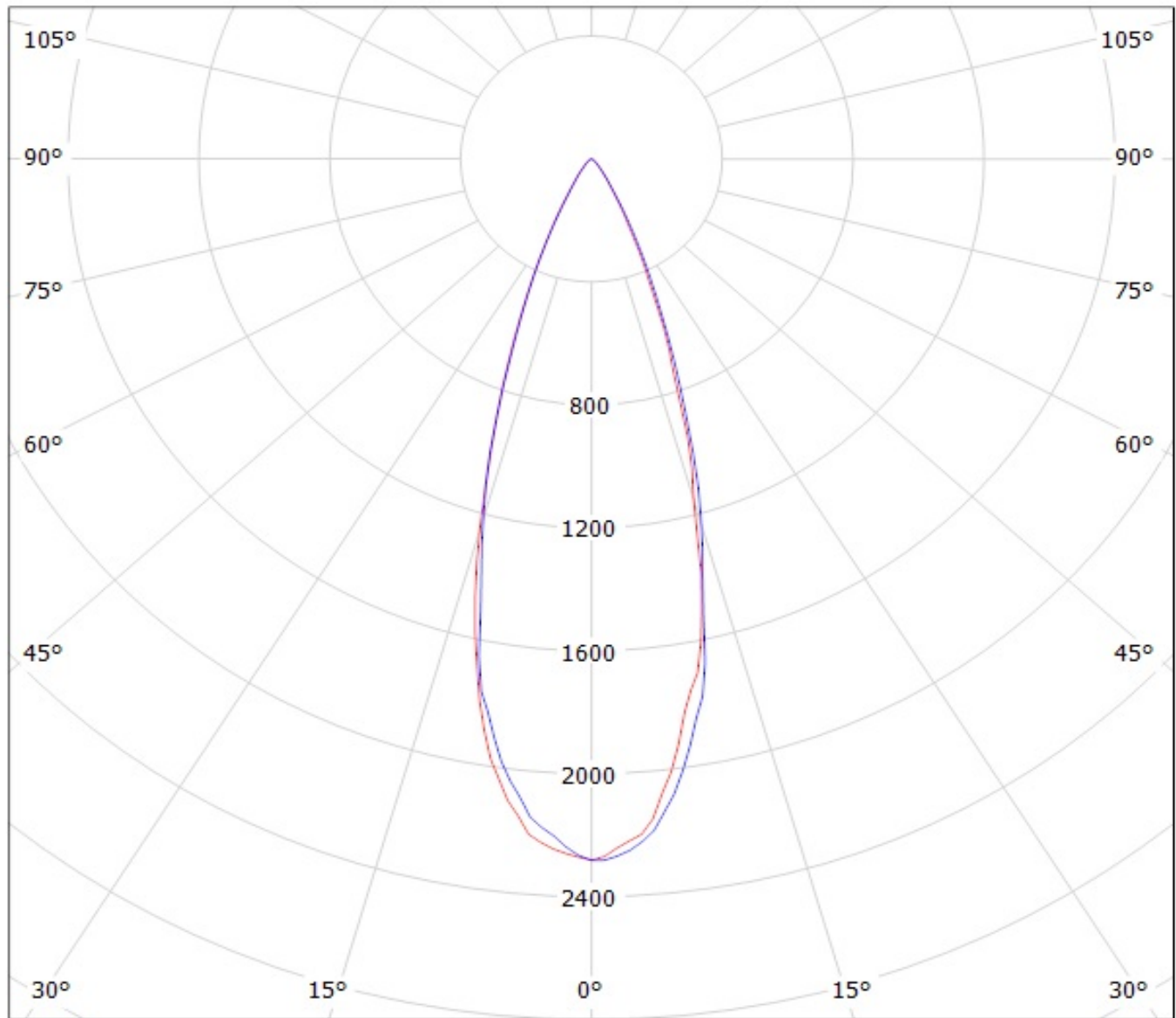
Lamps: 1 x Cree XP-G 250mA 63.5lm Warm





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



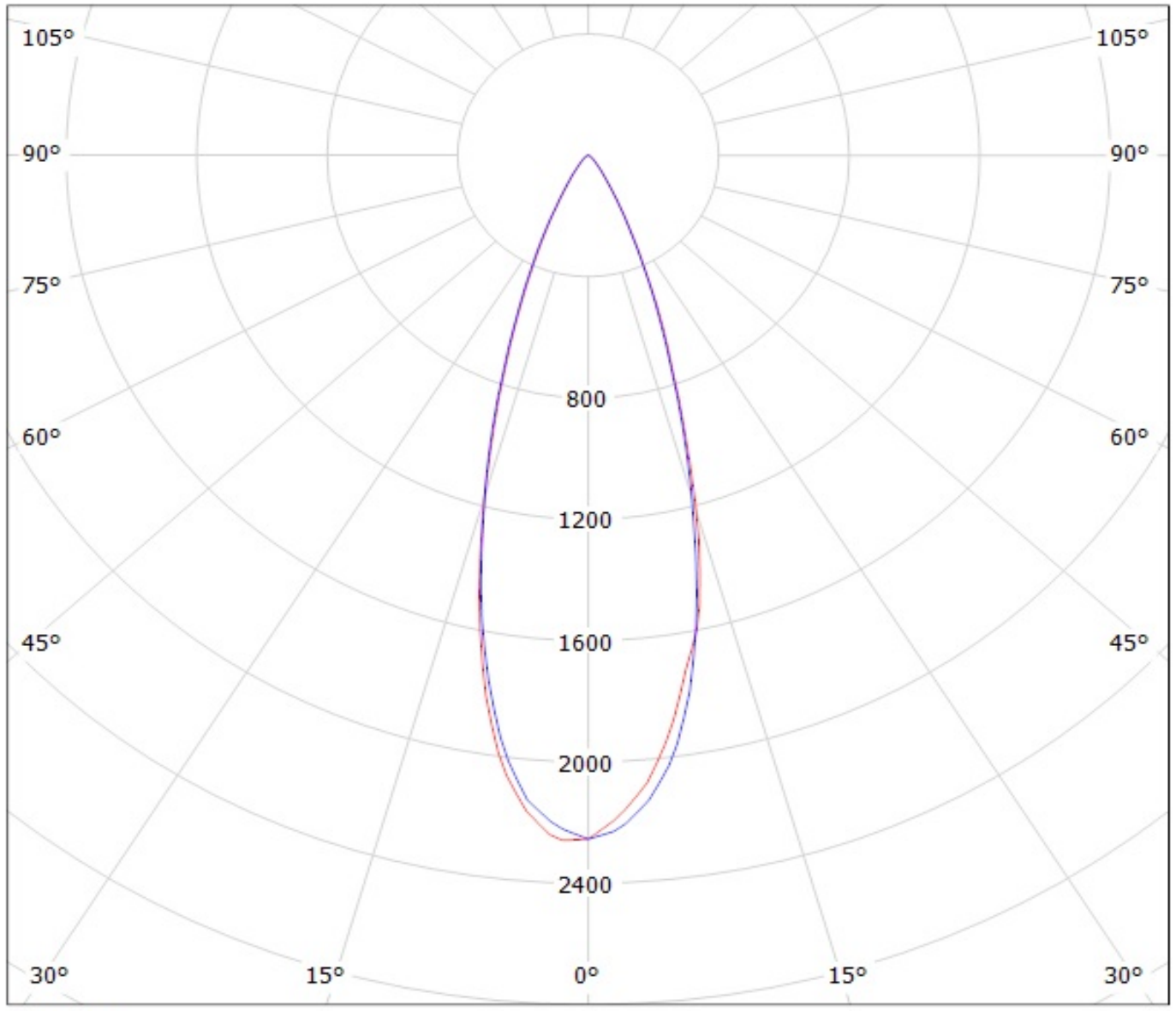
cd/klm

— C0 - C180

— C90 - C270

$\eta = 84\%$

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.**