

## DETAILS

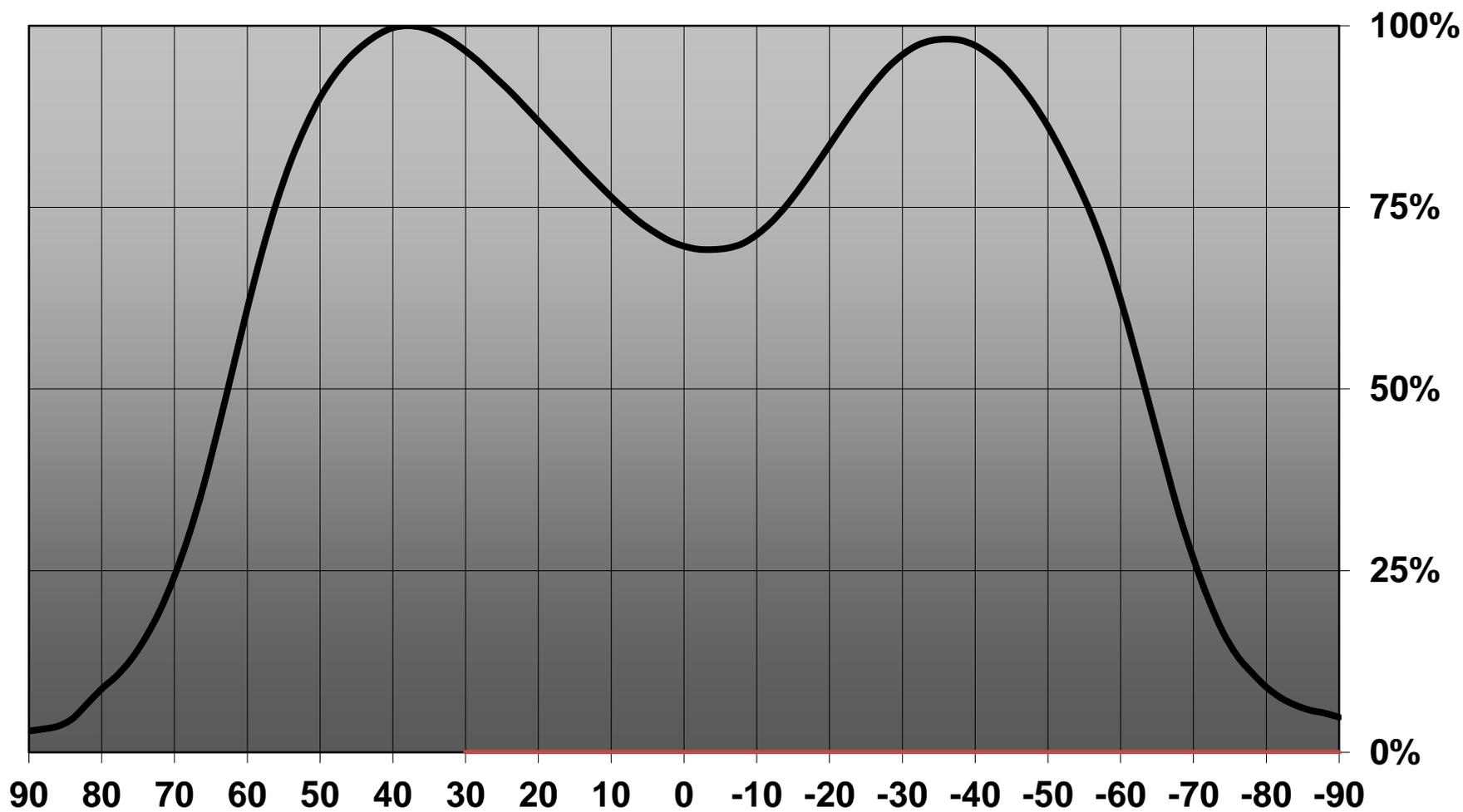
<b>Product Number</b>	CA11253_STRADA-C2
<b>Family</b>	Strada-C2
<b>Type</b>	Assembly
<b>Color</b>	clear
<b>Diameter</b>	19,6 x 15,6 mm
<b>Height</b>	5,9 mm
<b>Style</b>	rectang
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	tape
<b>Status</b>	ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	2/10/2013



## OPTICAL PROPERTIES

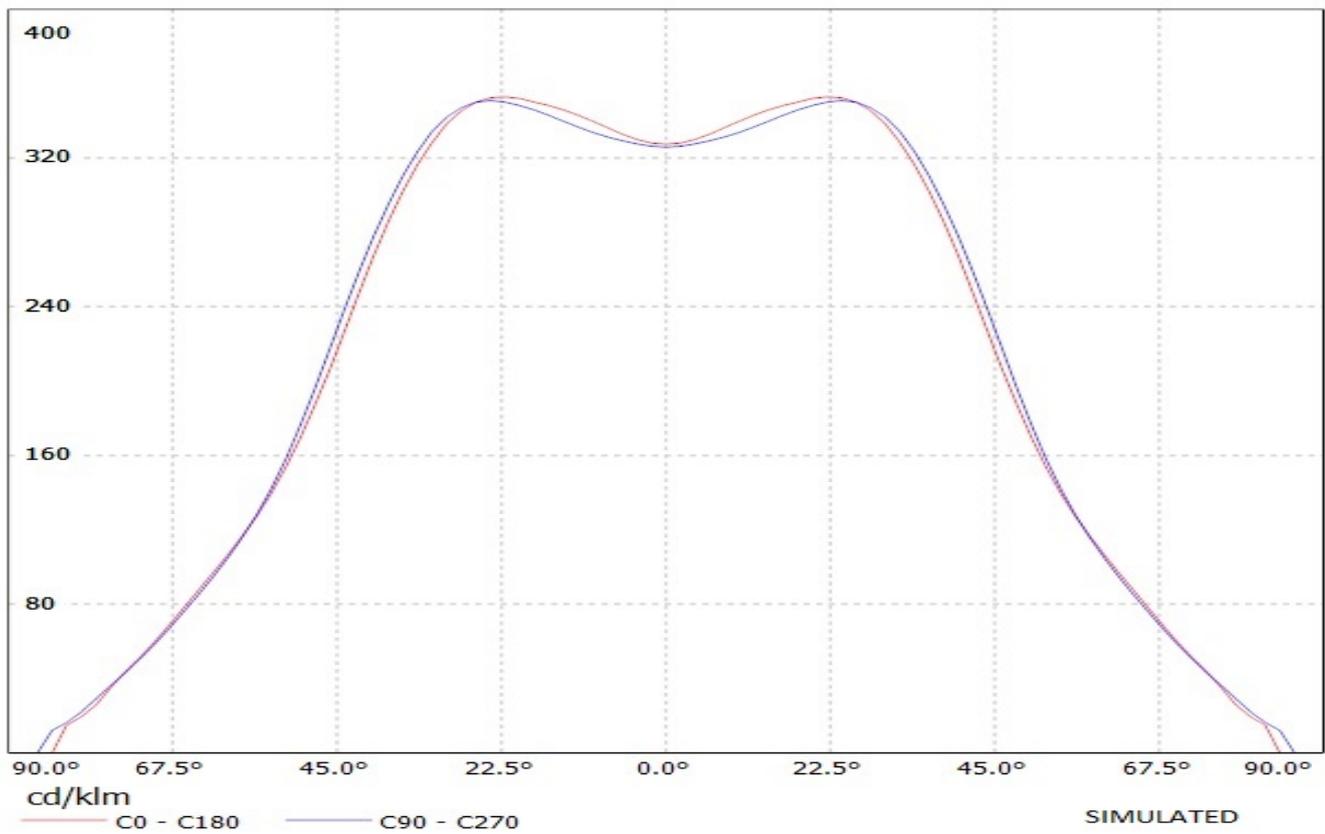
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Z5	sim: 122	Streetligh...	92 %	-	-
LUXEON H50-2	sim: 121	Streetligh...	sim: 92 %	sim: 0.320	-
Oslo SSL 150	92 deg	Streetligh...	92 %	-	-
Oslo SSL 80	99 deg	Streetligh...	92 %	0.350	-
LUXEON Rebel	119 deg	Streetligh...	92 %	0.300	-
Double Dome (GM2BB)	122 deg	Streetligh...	92 %	-	-
XP-E	124 deg	Streetligh...	92 %	0.290	-
NCSxx19A	124 deg	Streetligh...	92 %	-	-
NVSxx19A	124 deg	Streetligh...	92 %	-	-
LUXEON R	126 deg	Streetligh...	94 %	0.300	-
LUXEON Rebel ES	128 deg	Streetligh...	92 %	0.240	-
H35C0 (LEMWA33)	128 deg	Streetligh...	sim: 90 %	0.300	-
LUXEON A	128 deg	Streetligh...	92 %	-	-
XP-G	132 deg	Streetligh...	92 %	0.240	-
LUXEON TX	134 deg	Streetligh...	94 %	0.270	-
XB-D	135 deg	Streetligh...	93 %	0.260	-
LUXEON Z ES	136 deg	Streetligh...	93 %	0.290	-
LUXEON T	136 deg	Streetligh...	92 %	0.300	-

Relative intensity of CA11253\_STRADA-C2-LuxR



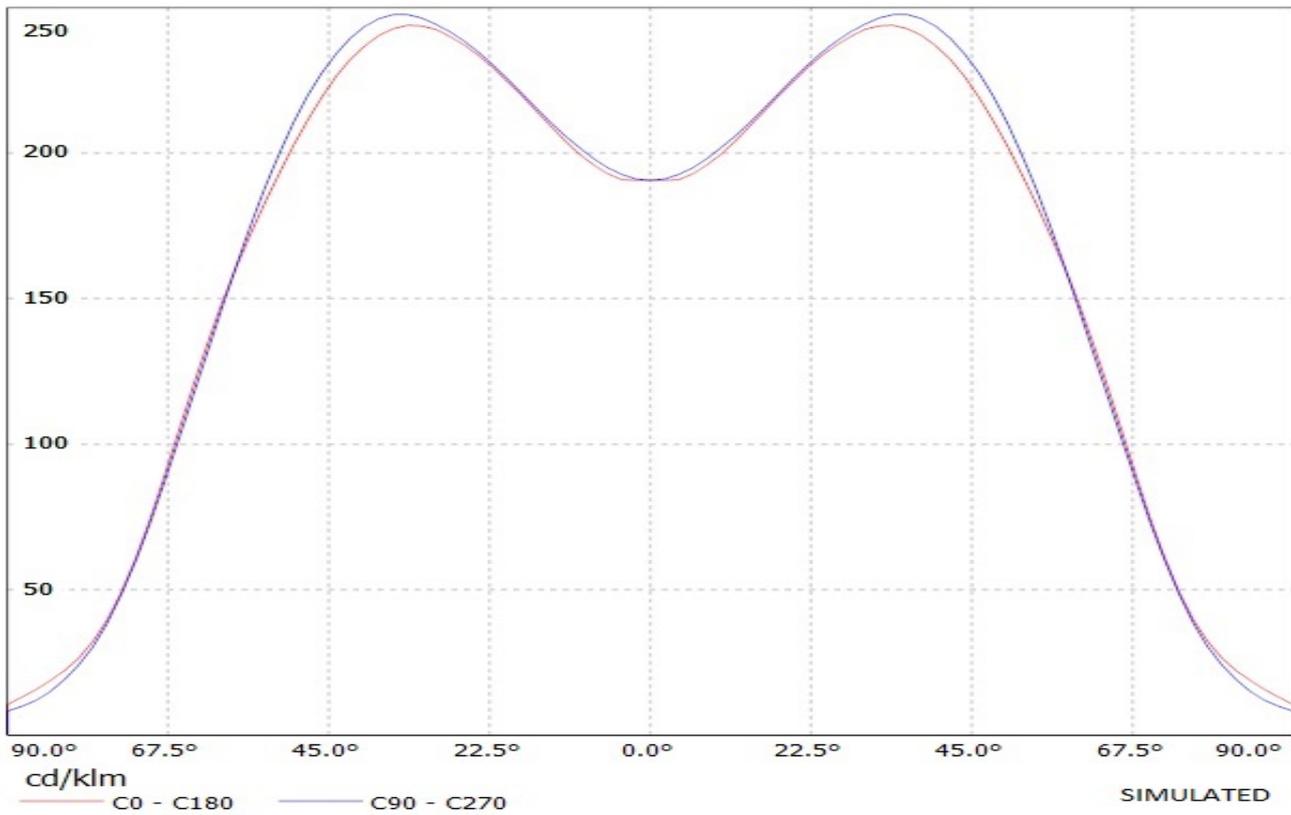
Ledil Oy CA11253\_Strada-C2-OSL-tape CA11253\_Strada-C2-OSL-tape / LDC  
(Linear)

Luminaire: Ledil Oy CA11253\_Strada-C2-OSL-tape CA11253\_Strada-C2-OSL-tape  
Lamps: 1 x Osram Oslon



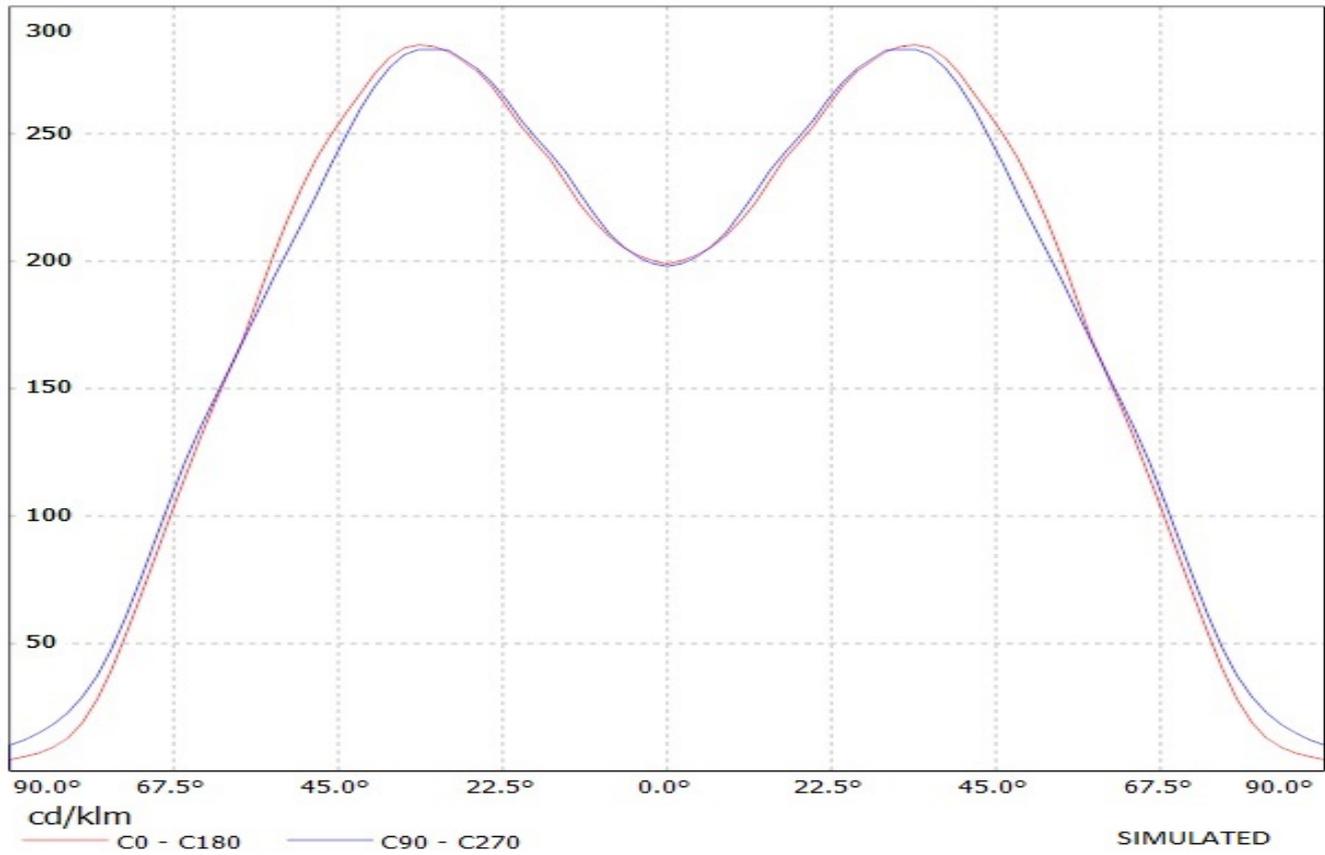
**Ledil Oy CA11253\_Strada-C2-RE-ES-Tape CA11253\_Strada-C2-RE-ES-Tape  
Luxeon Rebel-ES (white) 92lm @ 250mA LOR=92% / LDC (Linear)**

Luminaire: Ledil Oy CA11253\_Strada-C2-RE-ES-Tape CA11253\_Strada-C2-RE-ES-Tape Luxeon Rebel-ES  
(white) 92lm @ 250mA LOR=92%  
Lamps: 1 x Luxeon Rebel-ES (white) 92lm @ 250mA



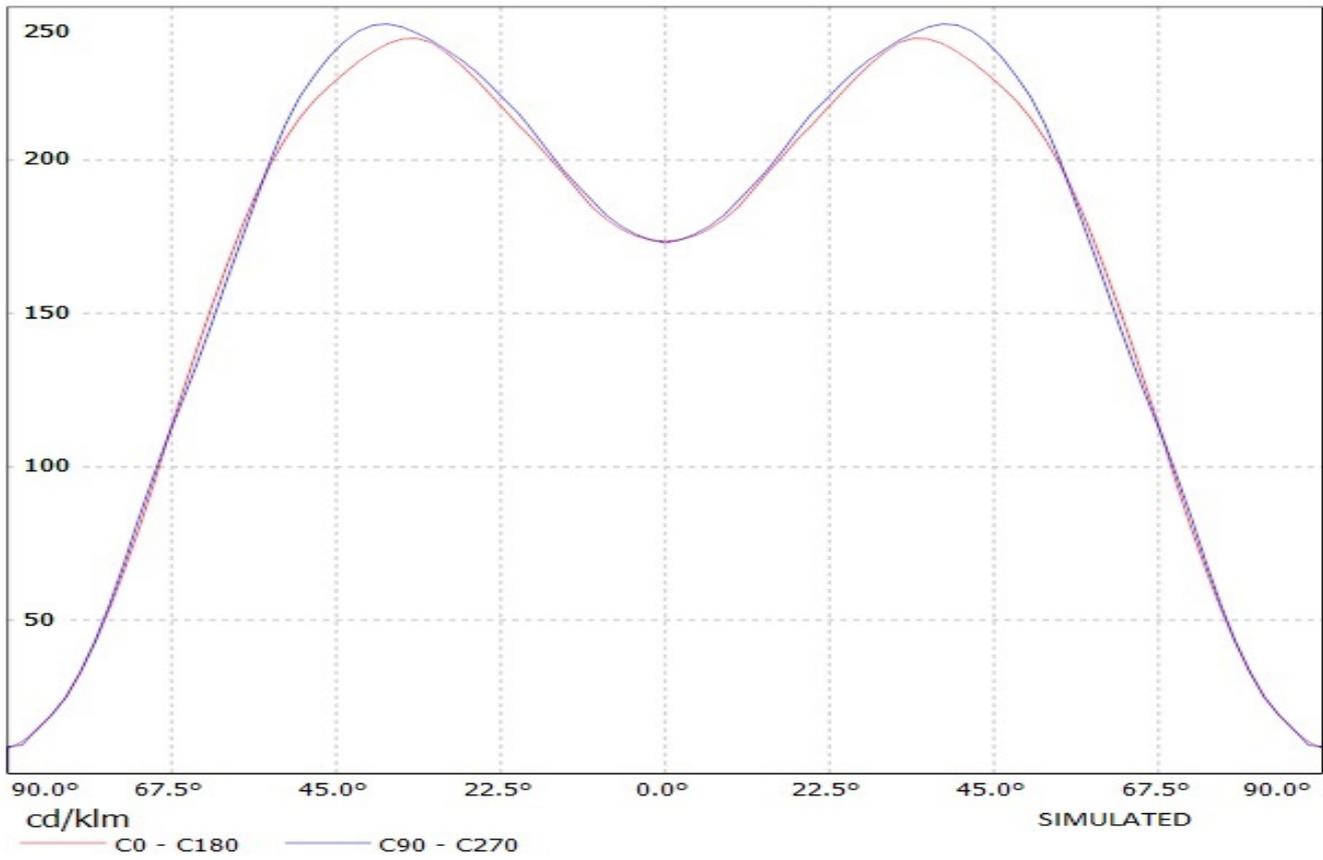
# Ledil Oy C11252\_Strada-C2-XP C11252\_Strada-C2-XP / LDC (Linear)

Luminaire: Ledil Oy C11252\_Strada-C2-XP C11252\_Strada-C2-XP  
Lamps: 1 x Cree XP-E (White)

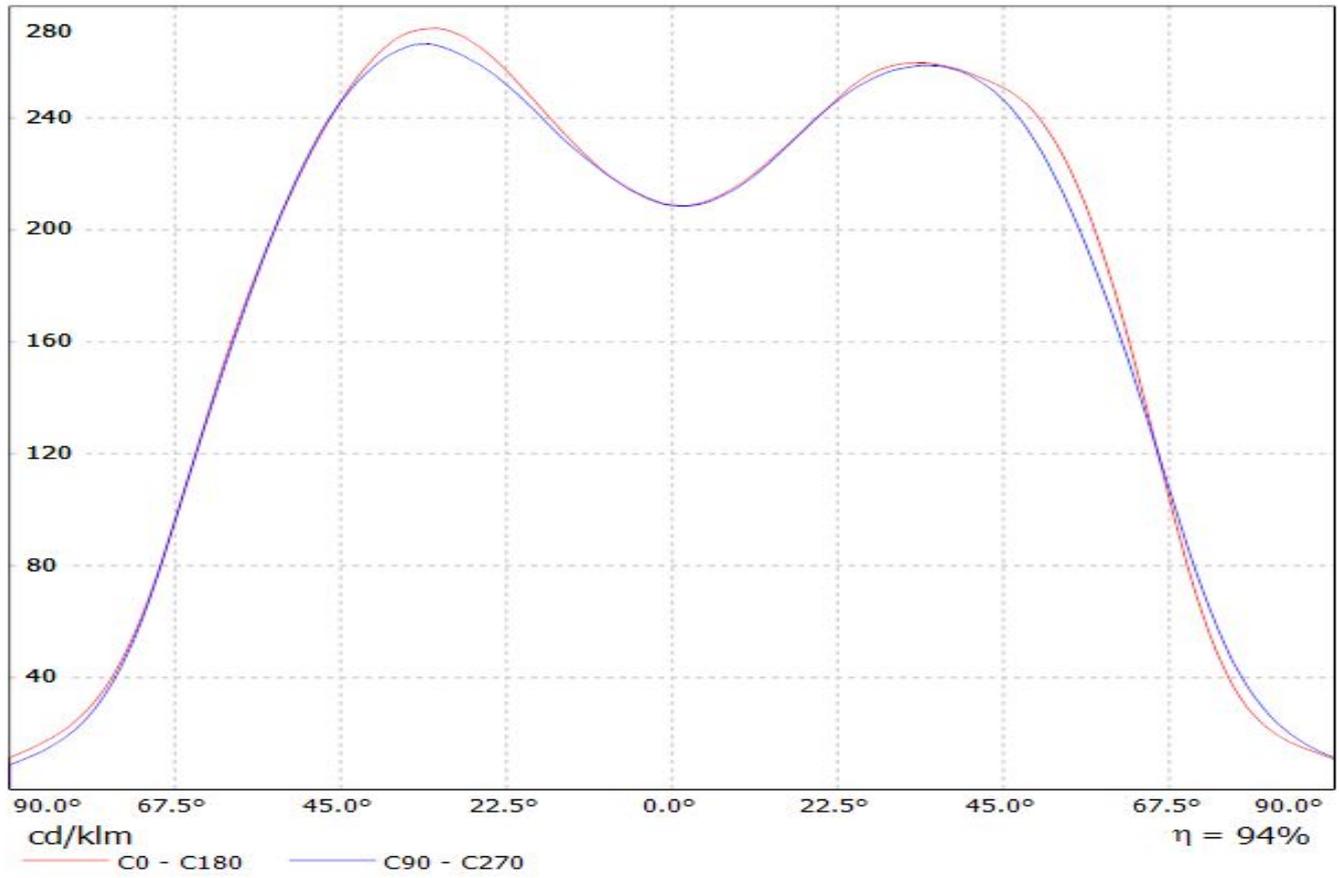


# Ledil Oy C11252\_Strada-C2-XP-G C11252\_Strada-C2-XP-G / LDC (Linear)

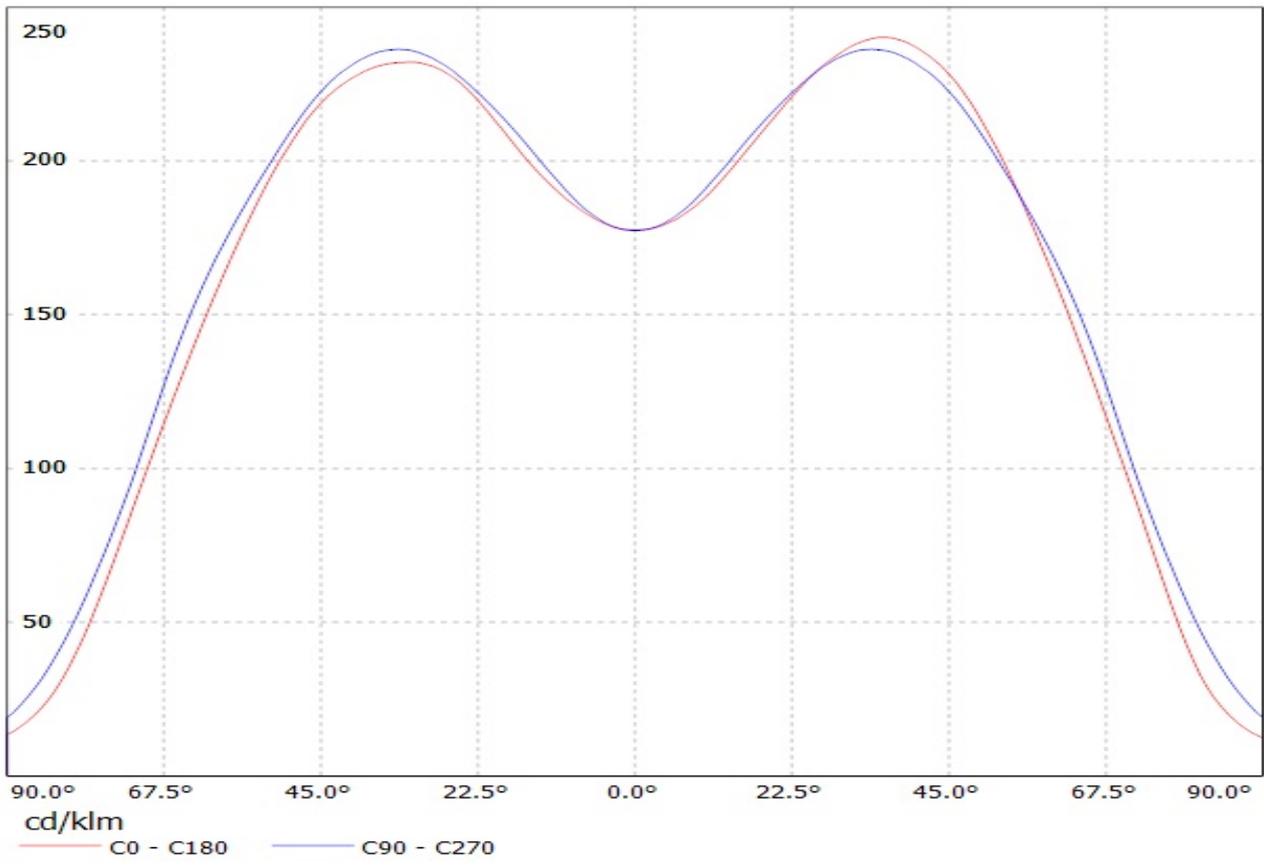
Luminaire: Ledil Oy C11252\_Strada-C2-XP-G C11252\_Strada-C2-XP-G  
Lamps: 1 x Cree XP-G (White)



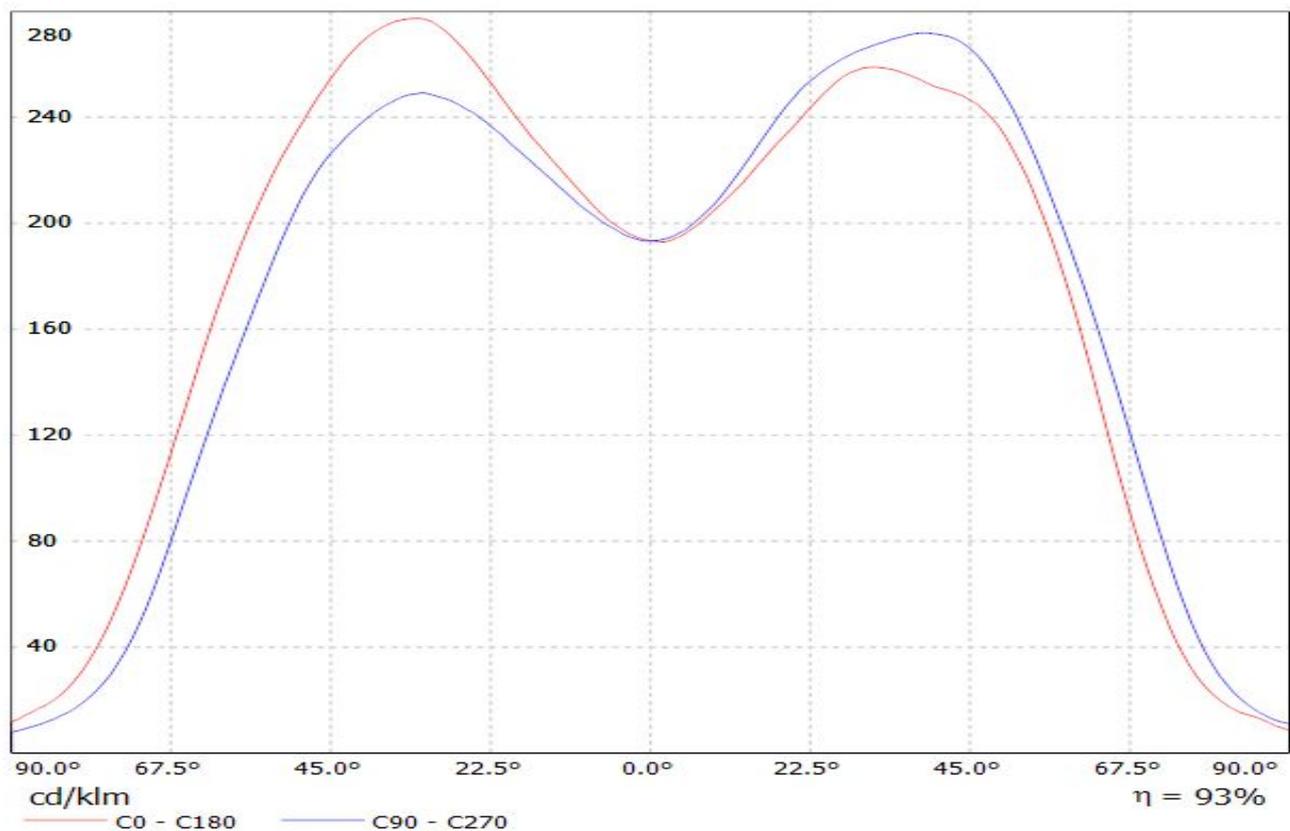
Luminaire: LEDiL Oy CA11253\_STRADA-C2\_(Luxeon\_TX) Eff.94.0%  
Lamps: 1 x Luxeon\_TX\_(L1T2-3585)\_80.2531lm@250mA\_CCT=3500K\_P=0.730933W\_I=249.9mA



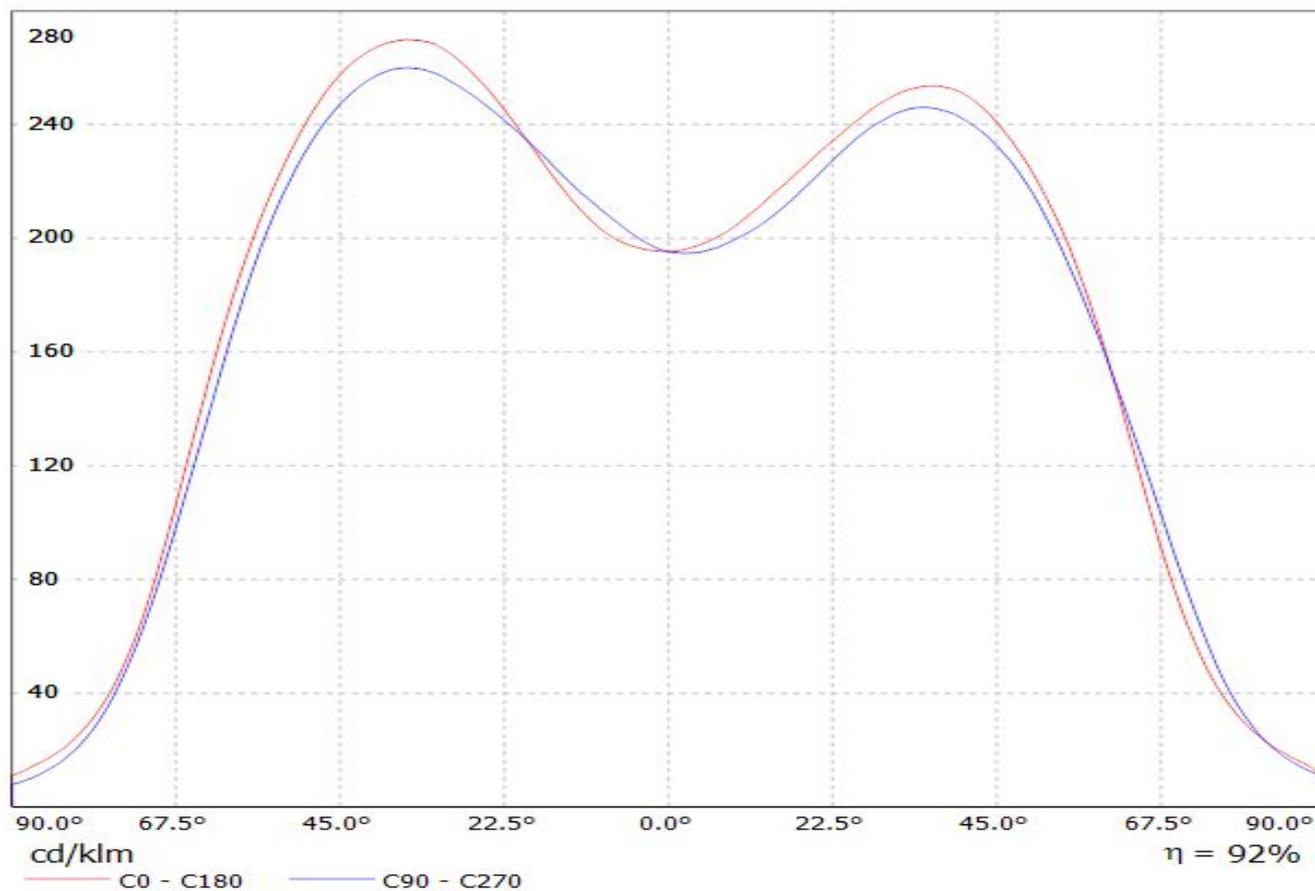
Luminaire: LEDIL OY C11252\_STRADA-C2 / CA11253\_STRADA-C2 (XB-D) Efficiency=93%  
Lamps: 1 x Cree XB-D white (97lm @ 250mA)



Luminaire: LEDiL Oy CA11253\_STRADA-C2\_(Luxeon\_Z\_ES) Eff.93%  
Lamps: 1 x Luxeon\_Z\_ES\_(LXZ2-3090)\_50.9056lm@250mA\_P=0.730883W\_I=249.9mA

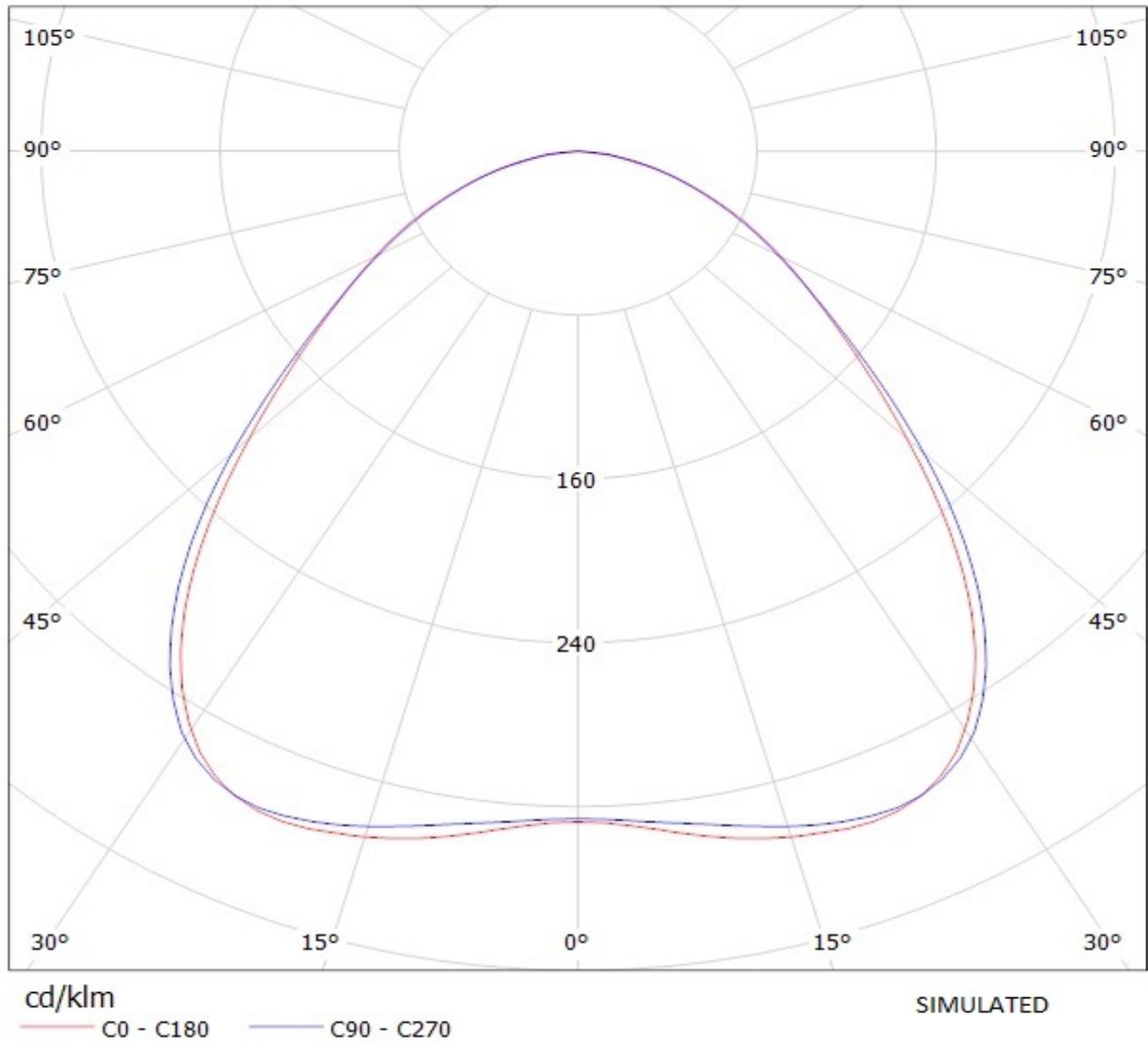


Luminaire: LEDiL Oy CA11253\_STRADA-C2\_(LUXEON\_T) Eff.91.9%  
Lamps: 1 x LUXEON T (74lm@250mA)



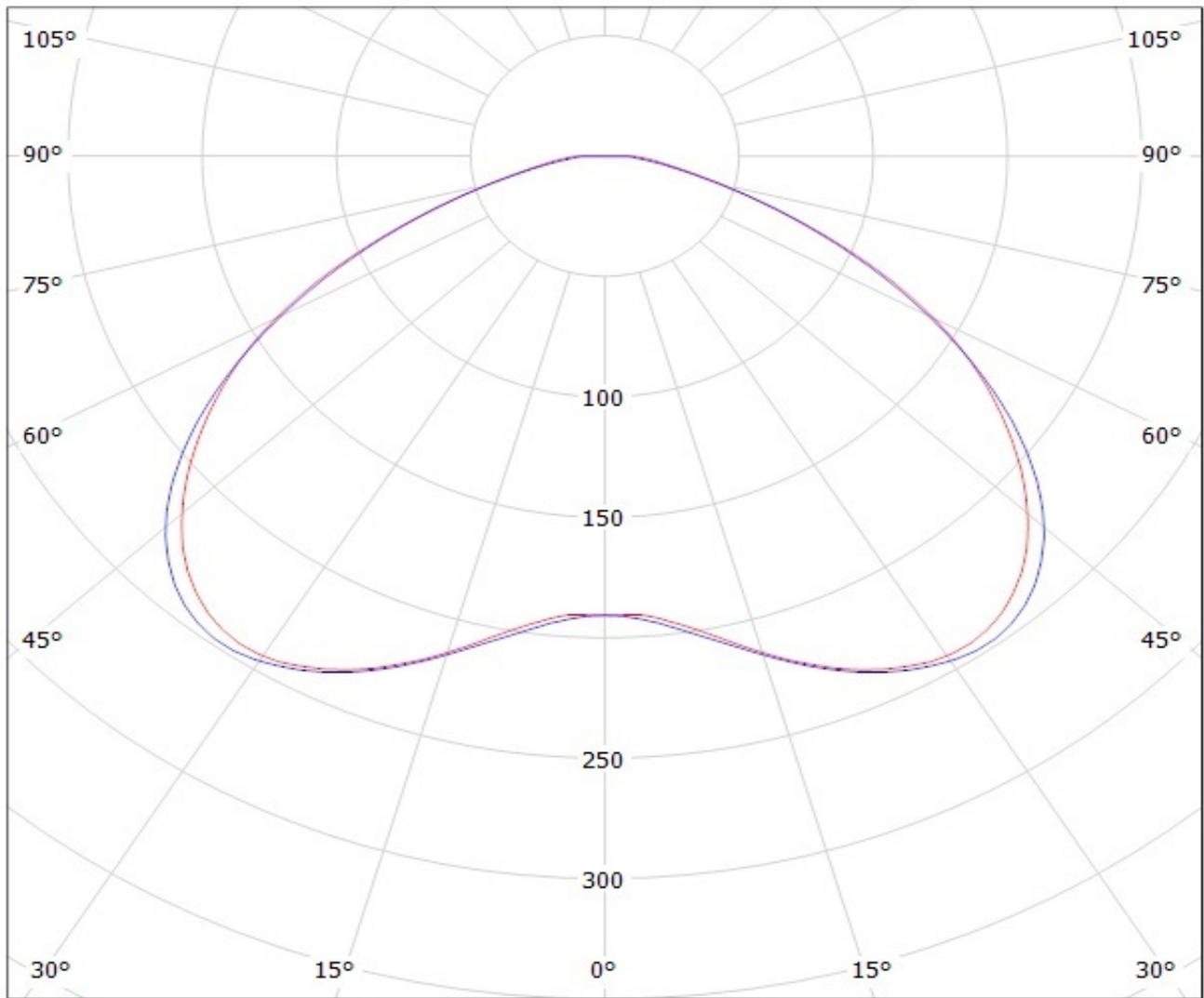
# Ledil Oy CA11253\_Strada-C2-OSL-tape CA11253\_Strada-C2-OSL-tape / LDC (Polar)

Luminaire: Ledil Oy CA11253\_Strada-C2-OSL-tape CA11253\_Strada-C2-OSL-tape  
Lamps: 1 x Osram Oslon



**Ledil Oy CA11253\_Strada-C2-RE-ES-Tape CA11253\_Strada-C2-RE-ES-Tape  
Luxeon Rebel-ES (white) 92lm @ 250mA LOR=92% / LDC (Polar)**

Luminaire: Ledil Oy CA11253\_Strada-C2-RE-ES-Tape CA11253\_Strada-C2-RE-ES-Tape Luxeon Rebel-ES  
(white) 92lm @ 250mA LOR=92%  
Lamps: 1 x Luxeon Rebel-ES (white) 92lm @ 250mA



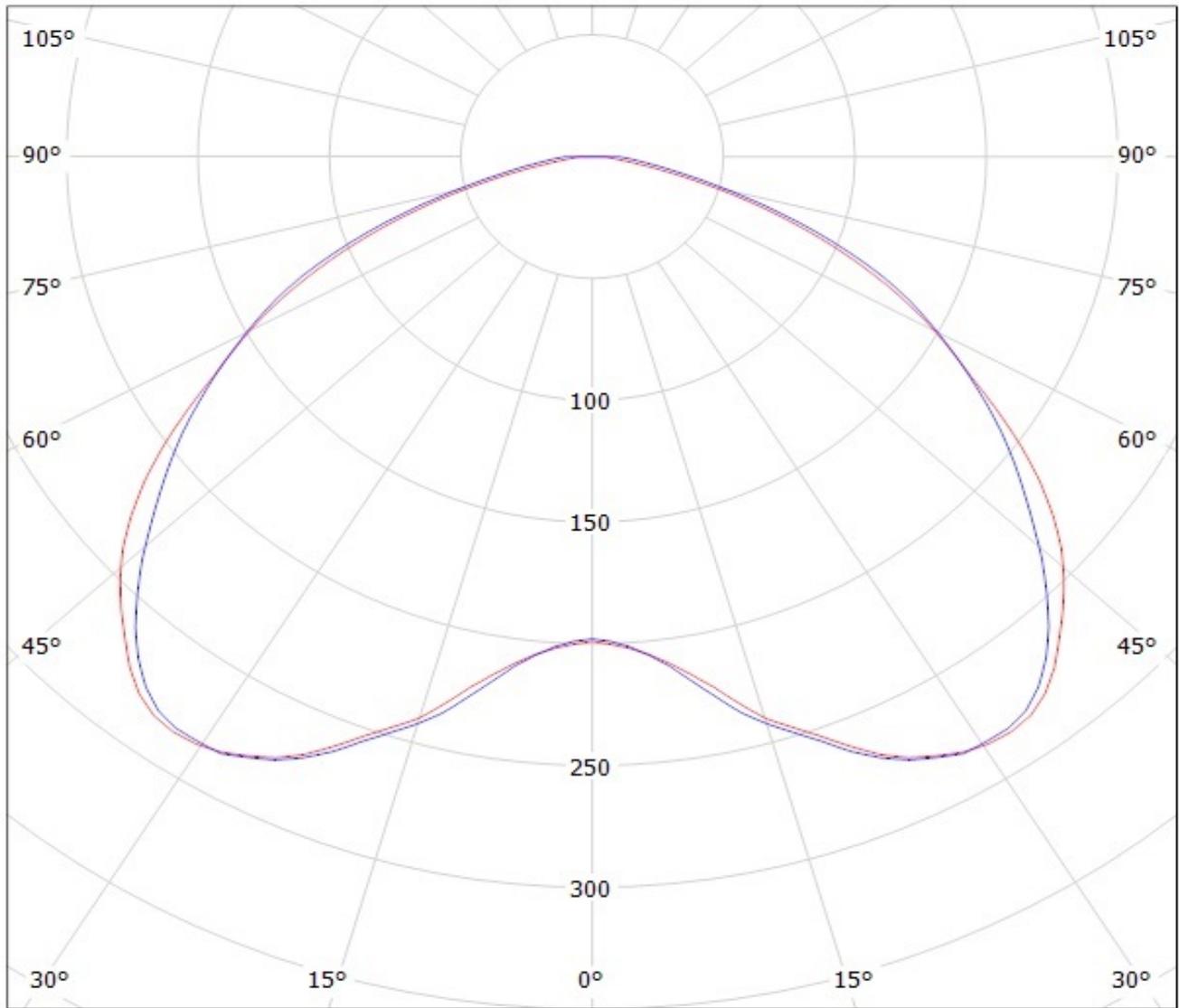
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

# Ledil Oy C11252\_Strada-C2-XP C11252\_Strada-C2-XP / LDC (Polar)

Luminaire: Ledil Oy C11252\_Strada-C2-XP C11252\_Strada-C2-XP  
Lamps: 1 x Cree XP-E (White)



cd/klm

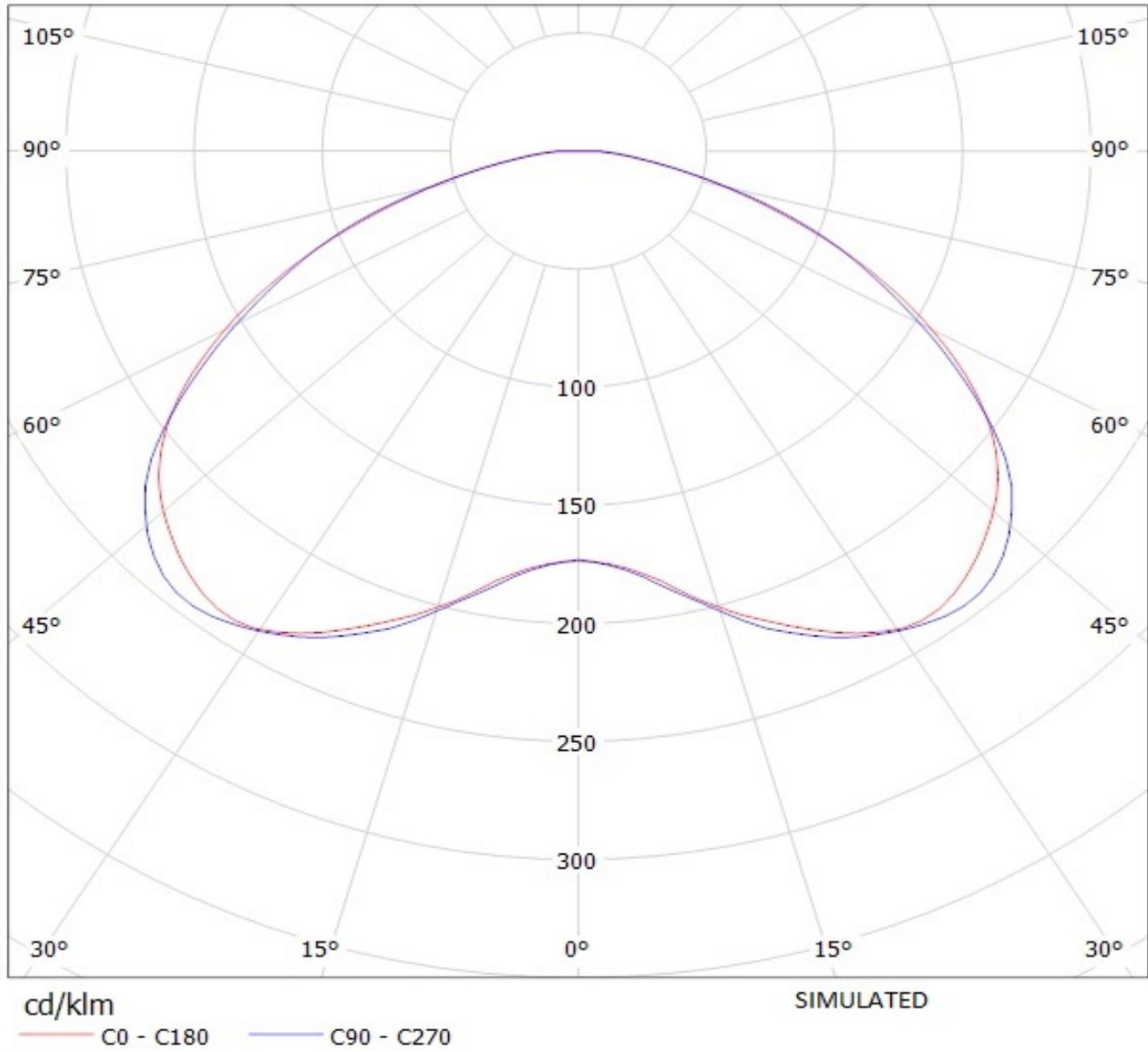
— C0 - C180

— C90 - C270

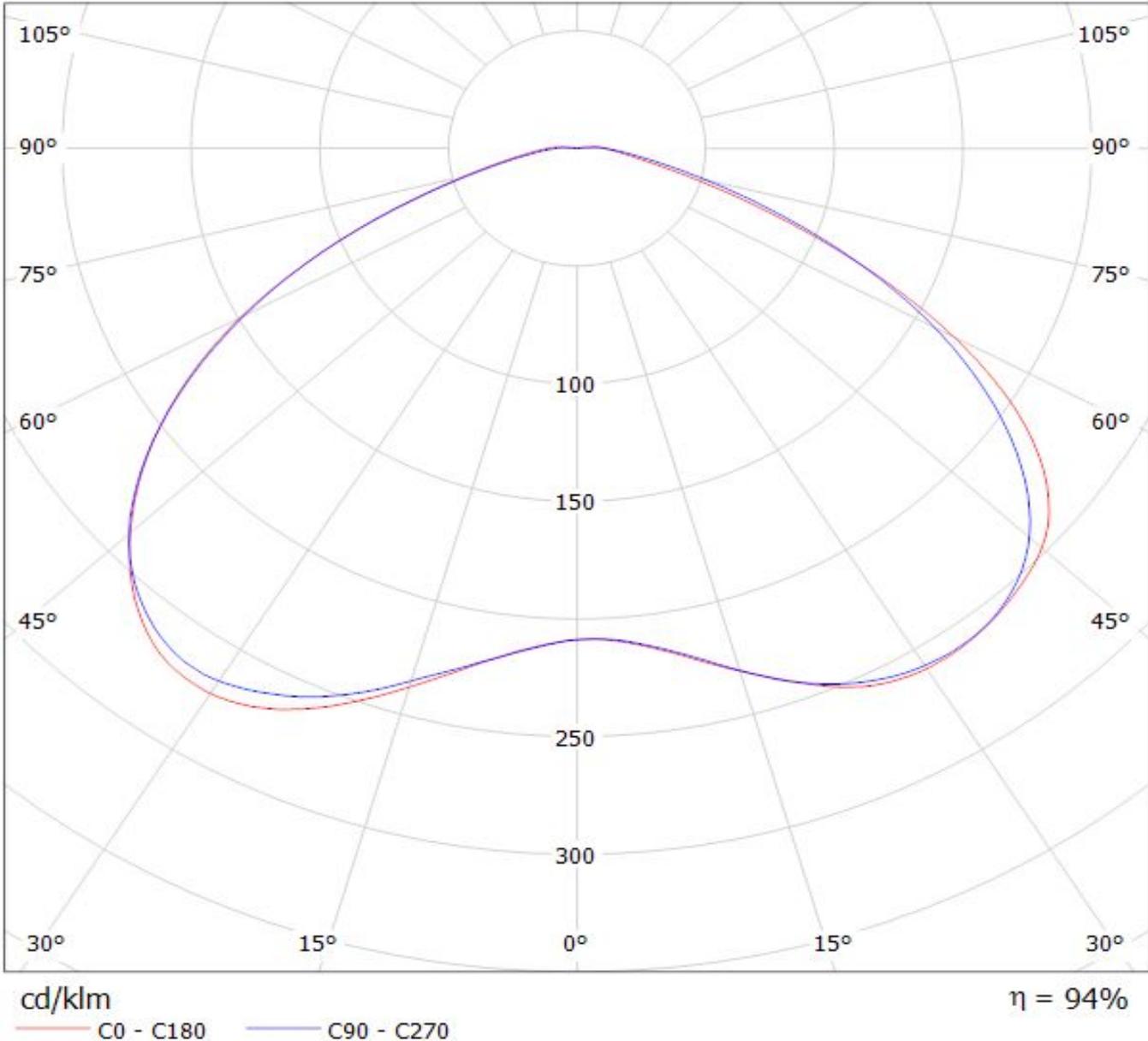
SIMULATED

# Ledil Oy C11252\_Strada-C2-XP-G C11252\_Strada-C2-XP-G / LDC (Polar)

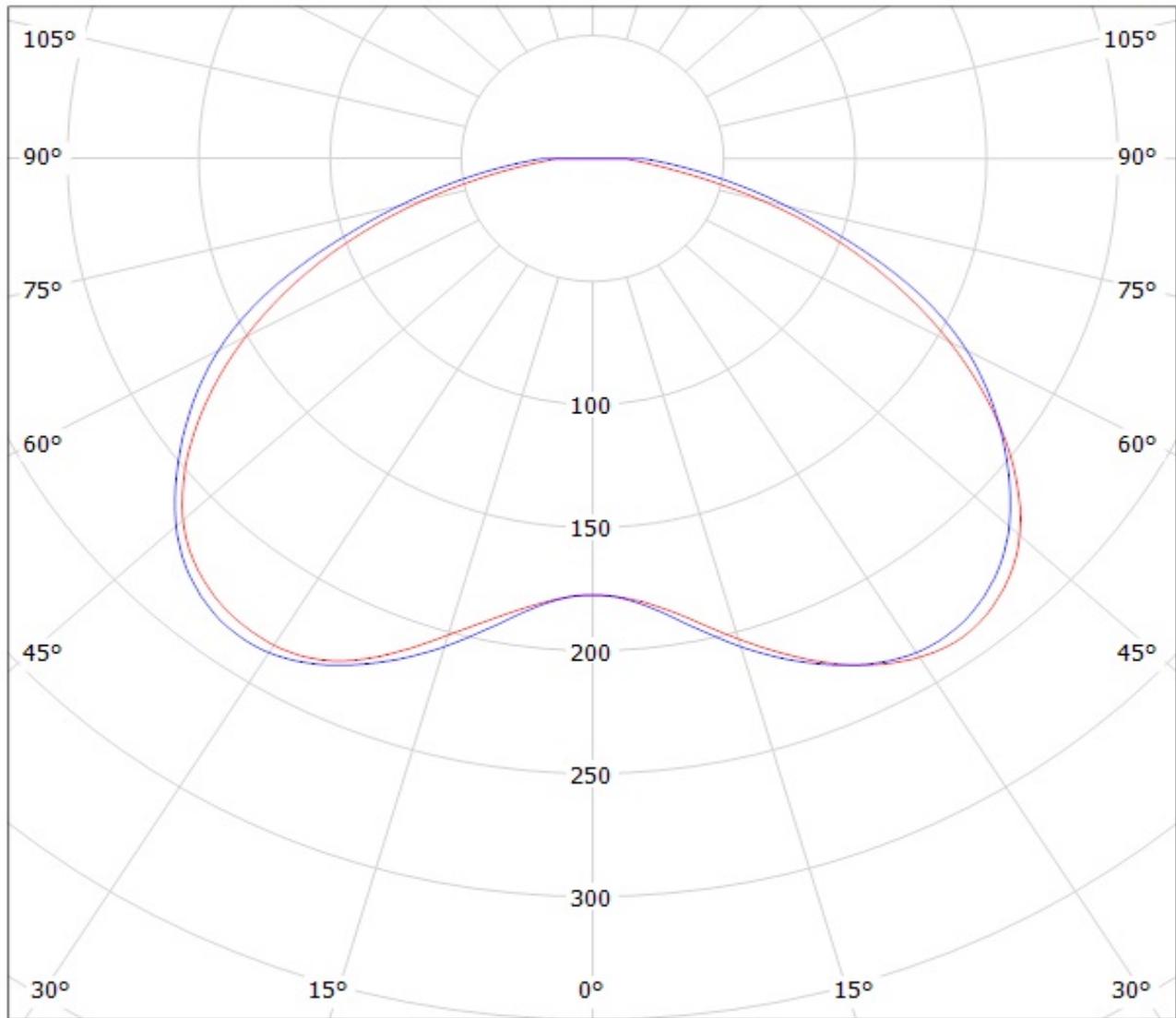
Luminaire: Ledil Oy C11252\_Strada-C2-XP-G C11252\_Strada-C2-XP-G  
Lamps: 1 x Cree XP-G (White)



Luminaire: LEDiL Oy CA11253\_STRADA-C2 (Luxeon\_TX) Eff.94.0%  
Lamps: 1 x Luxeon\_TX (L1T2-3585)\_80.2531lm@250mA\_CCT=3500K\_P=0.730933W\_I=249.9mA



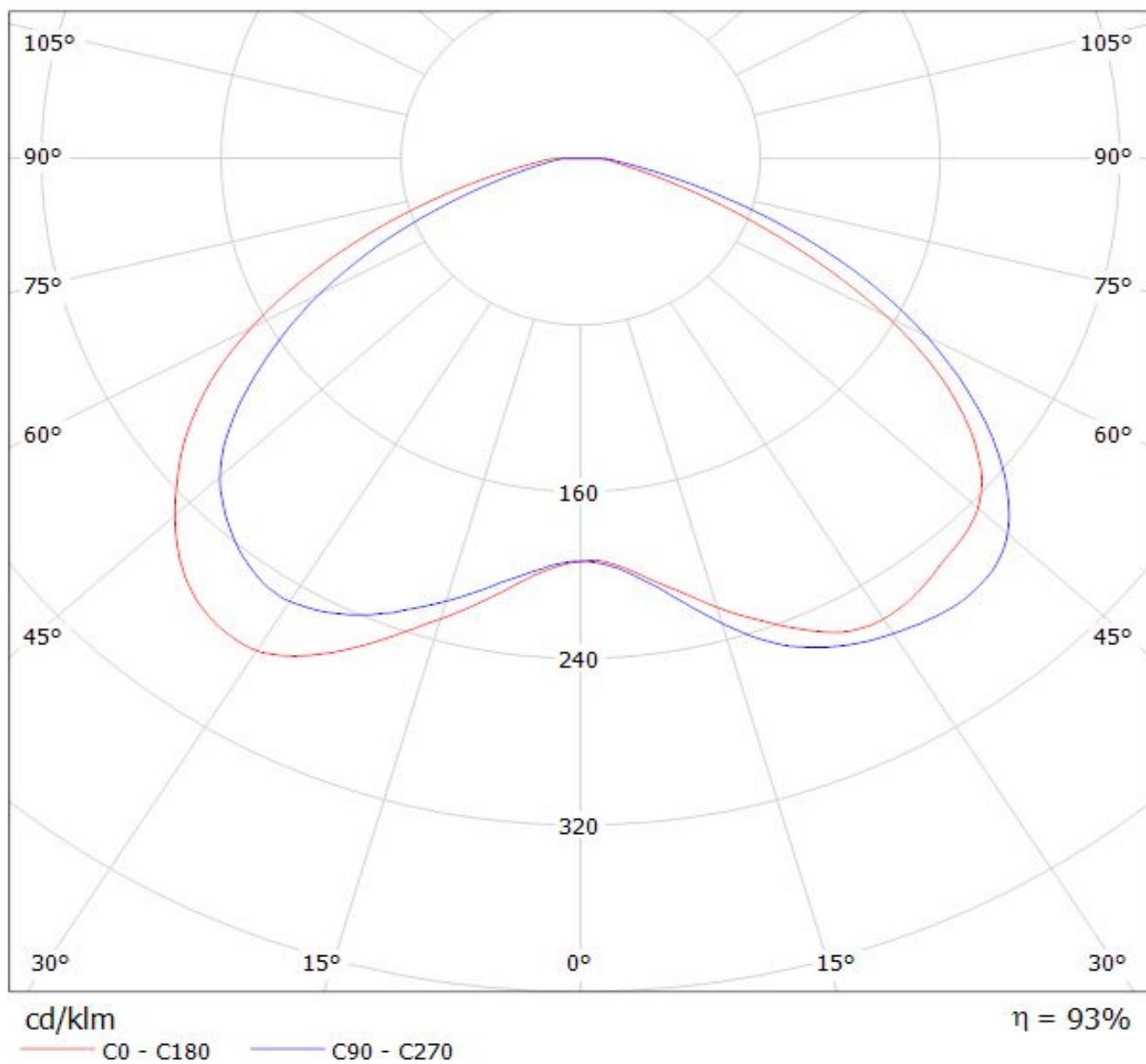
Luminaire: LEDIL OY C11252\_STRADA-C2 / CA11253\_STRADA-C2 (XB-D) Efficiency=93%  
Lamps: 1 x Cree XB-D white (97lm @ 250mA)



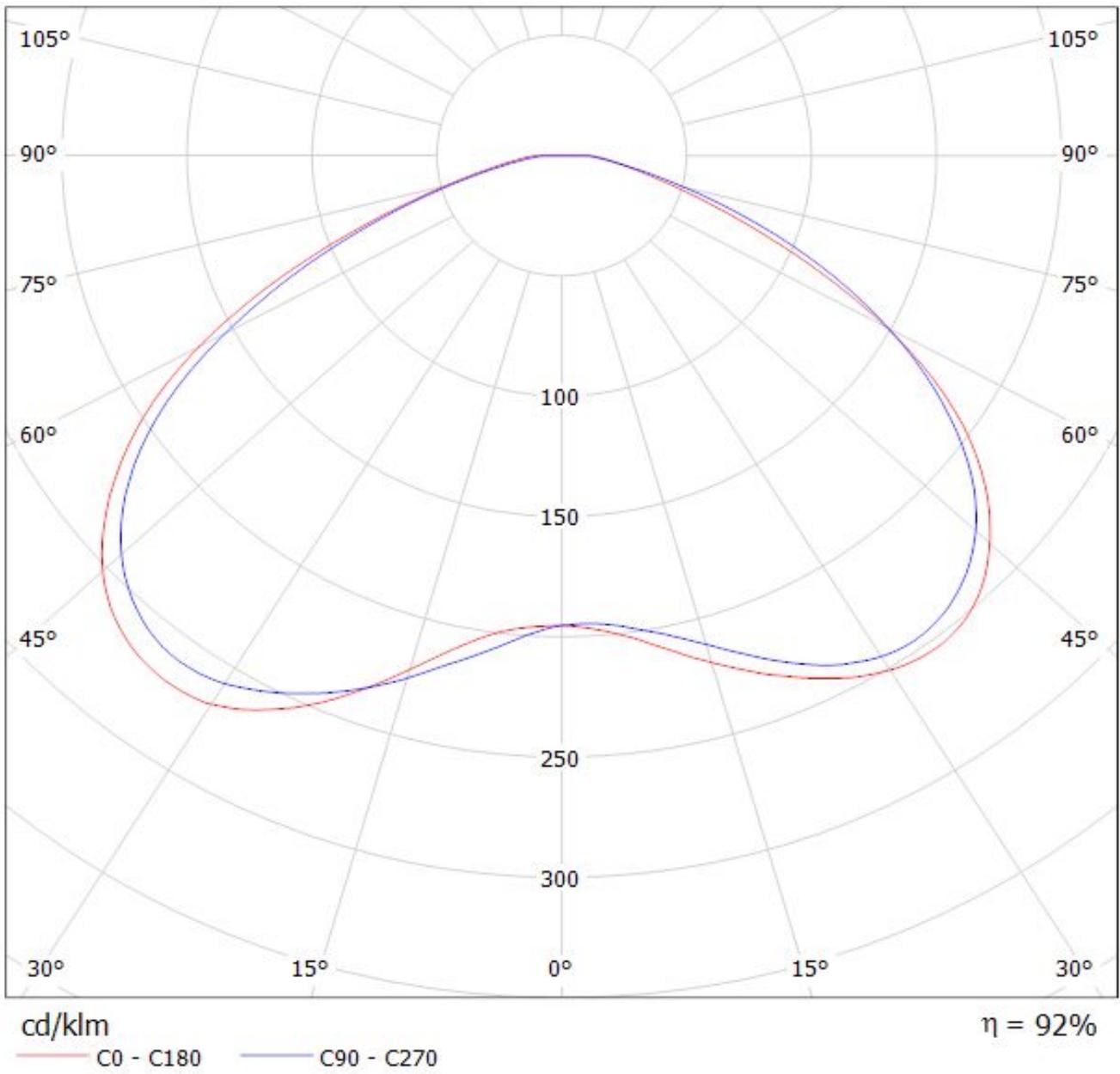
cd/klm

— C0 - C180    — C90 - C270

Luminaire: LEDiL Oy CA11253\_STRADA-C2\_(Luxeon\_Z\_ES) Eff.93%  
Lamps: 1 x Luxeon\_Z\_ES\_(LXZ2-3090)\_50.9056lm@250mA\_P=0.730883W\_I=249.9mA



Luminaire: LEDiL Oy CA11253\_STRADA-C2\_(LUXEON\_T) Eff.91.9%  
Lamps: 1 x LUXEON T (74lm@250mA)



**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.**

### **GENERAL INFORMATION**

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Fastening to heat sink with a PU foam adhesive tape of automotive grade. Please find fastening details by clicking link: [http://www.ledil.com/datasheets/DataSheet\\_TAPE.pdf](http://www.ledil.com/datasheets/DataSheet_TAPE.pdf)

**NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the tape.**

**NOTE 2: Assembly to the surface must be made straight, so the tape bonds constant and balanced with fastening surface. Slanted assembly might cause unbalanced bond to the surface. All surfaces where tape is applied must be clean, dry and free from grease and dirt.**

**If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer - this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.**

**Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.**