

## DETAILS

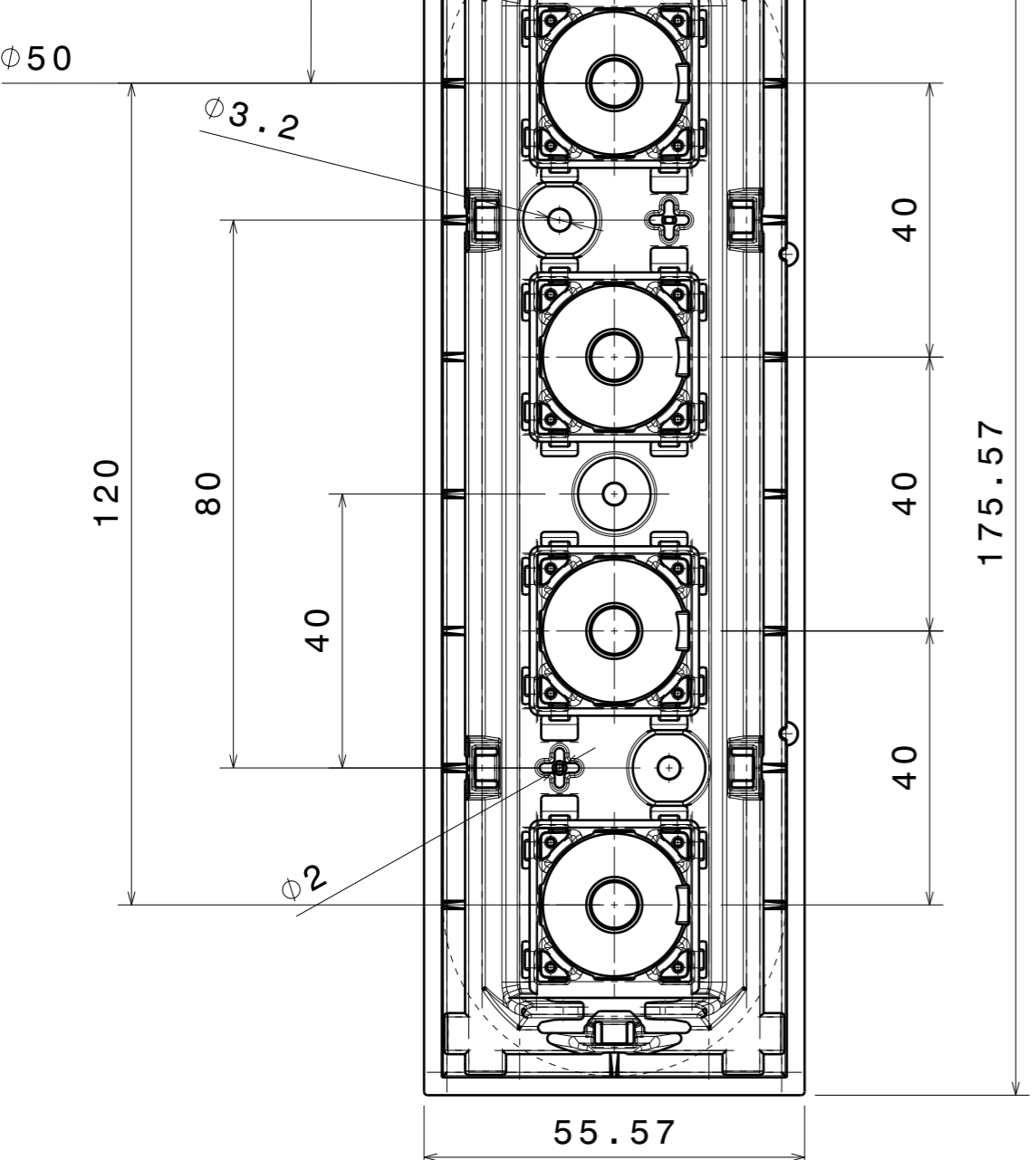
<b>Product Number</b>	FC15352_FLORENTINA-4X1-M
<b>Family</b>	Florentina
<b>Type</b>	Pack
<b>Color</b>	black
<b>Diameter</b>	175,57x55,57 mm
<b>Height</b>	17,72 mm
<b>Style</b>	rectang
<b>Optic Material</b>	PC
<b>Holder Material</b>	
<b>Fastening</b>	pin, screw
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	23/01/2018



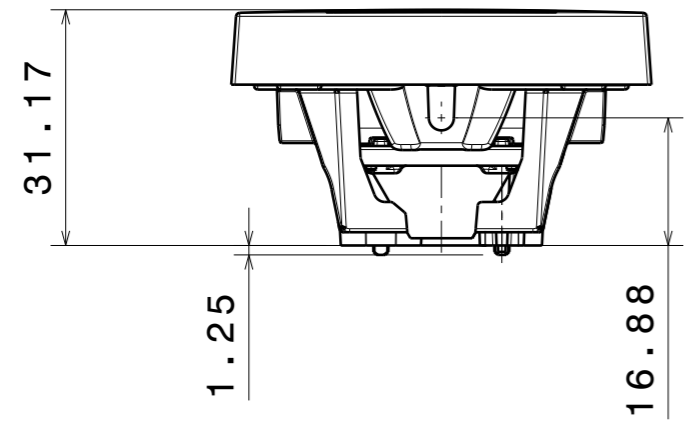
## OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
XP-L	30 deg	Medium	75 %	2.400	-
XP-G2	30 deg	Medium	75 %	2.600	-
NVSxx19B/NVSxx19C	30 deg	Medium	82 %	2.700	-
Oslon Square Gen3	29 deg	Medium	77 %	2.800	-

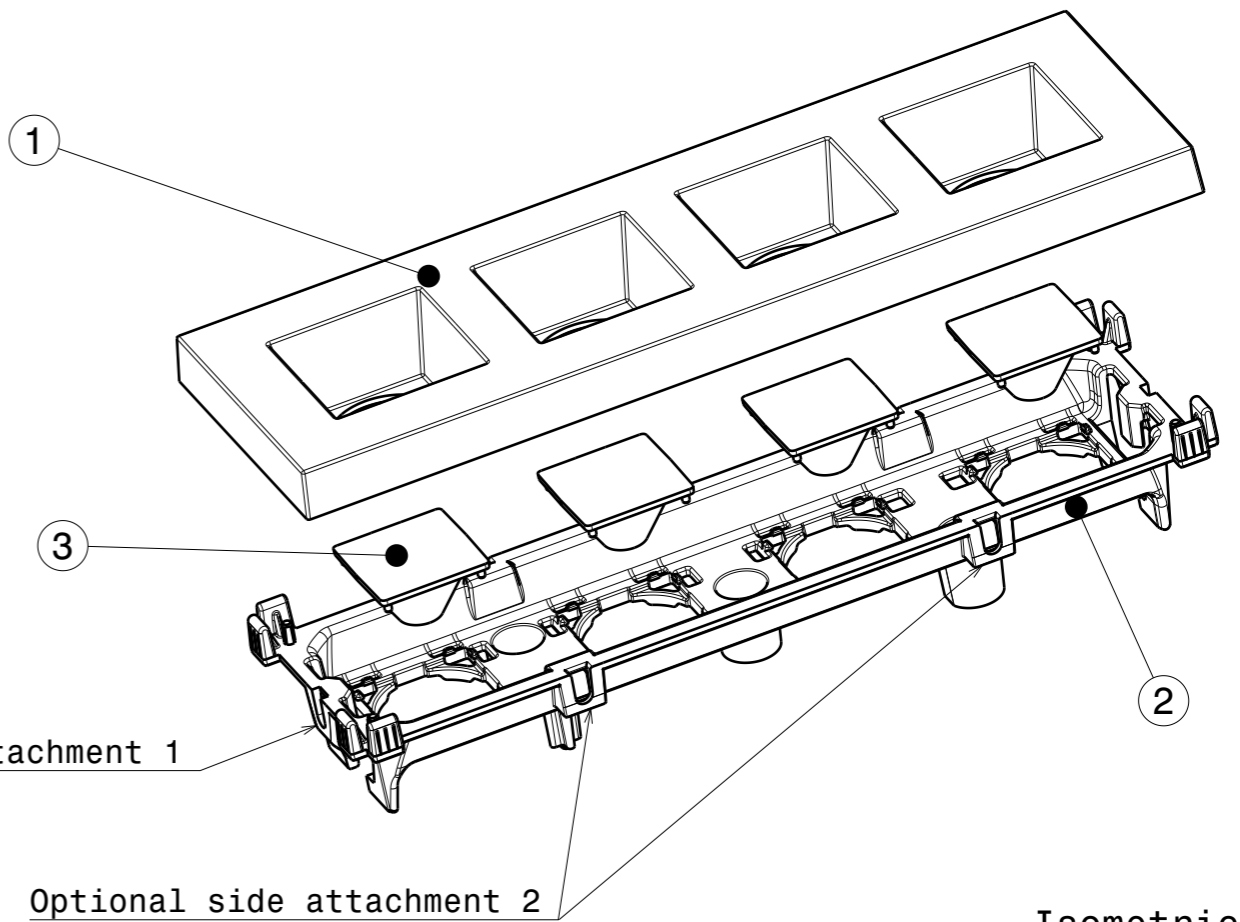
Dotted line is recommended cut out when recessed



Bottom view



Front view



Isometric view  
Scale: 3:4

Optional attachment 1

Optional side attachment 2

Assembly:

1. Attach lenses by pressing them down until they snap into place.
2. Screw the holder (with lenses assembled) to PCB. Inspect that the positioning pins are securely in their holes.
3. Press the shade down on the holder until they are securely attached.

Optional side attachment: The holder can also be attached with DIN 7985 M3 nuts

1. One nut per side for rotational attachment
2. Two per side for fixed beam direction

Recommendations:

Screw type DIN 7985 M3, max. torque 0.6Nm

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15028	FLORENTINA-4X1-SHD	PC	black
2	C15029	FLORENTINA-4X1-HLD	PC	black
3	-	CMC / MRK lenses		

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

**LEDiL** Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE  
**FLORENTINA-4x1 assembly**

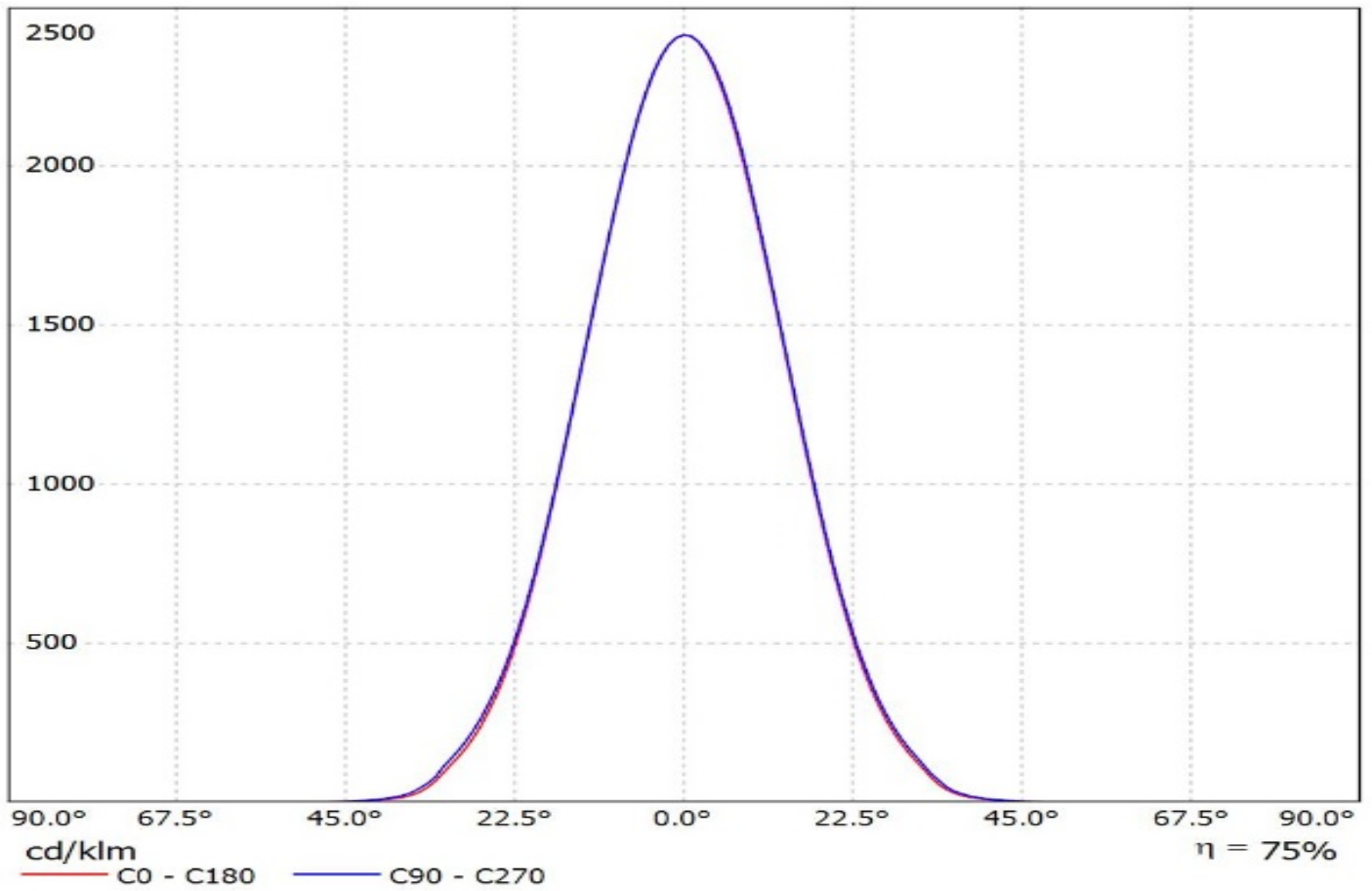
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SIZE PART NUMBER  
**A3** -

SCALE 1:1 WEIGHT 58 g SHEET 1/1

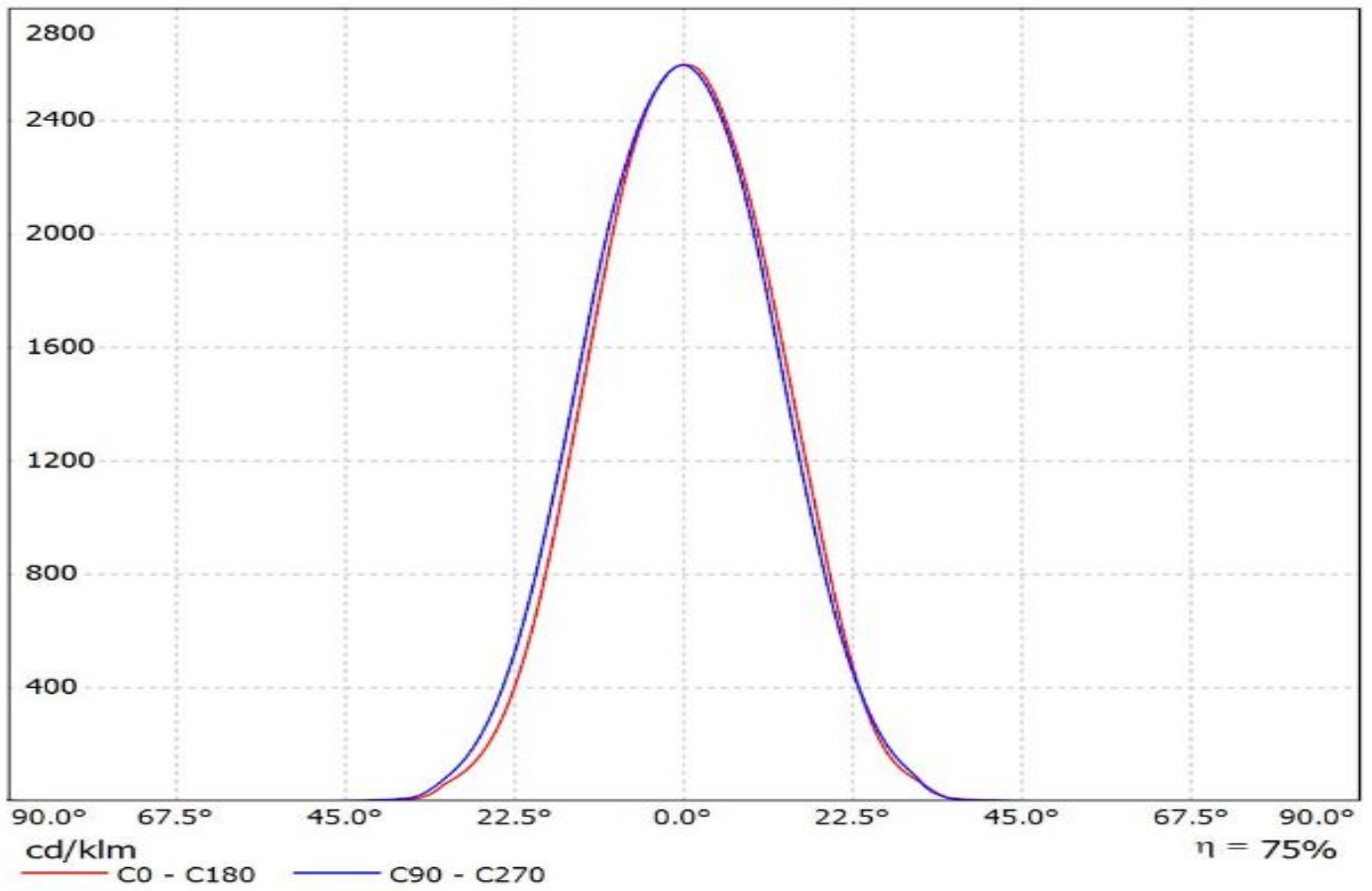
Luminaire: Ledil FC15352\_FLORENTINA-4X1-M\_(XP-L)

Lamps: 1 x CREE\_XP-L\_2x2MX\_(XPLAWT-0-1B0-V40-00-0001)\_515.493lm@250mA\_P=2.8W\_I=0.25A

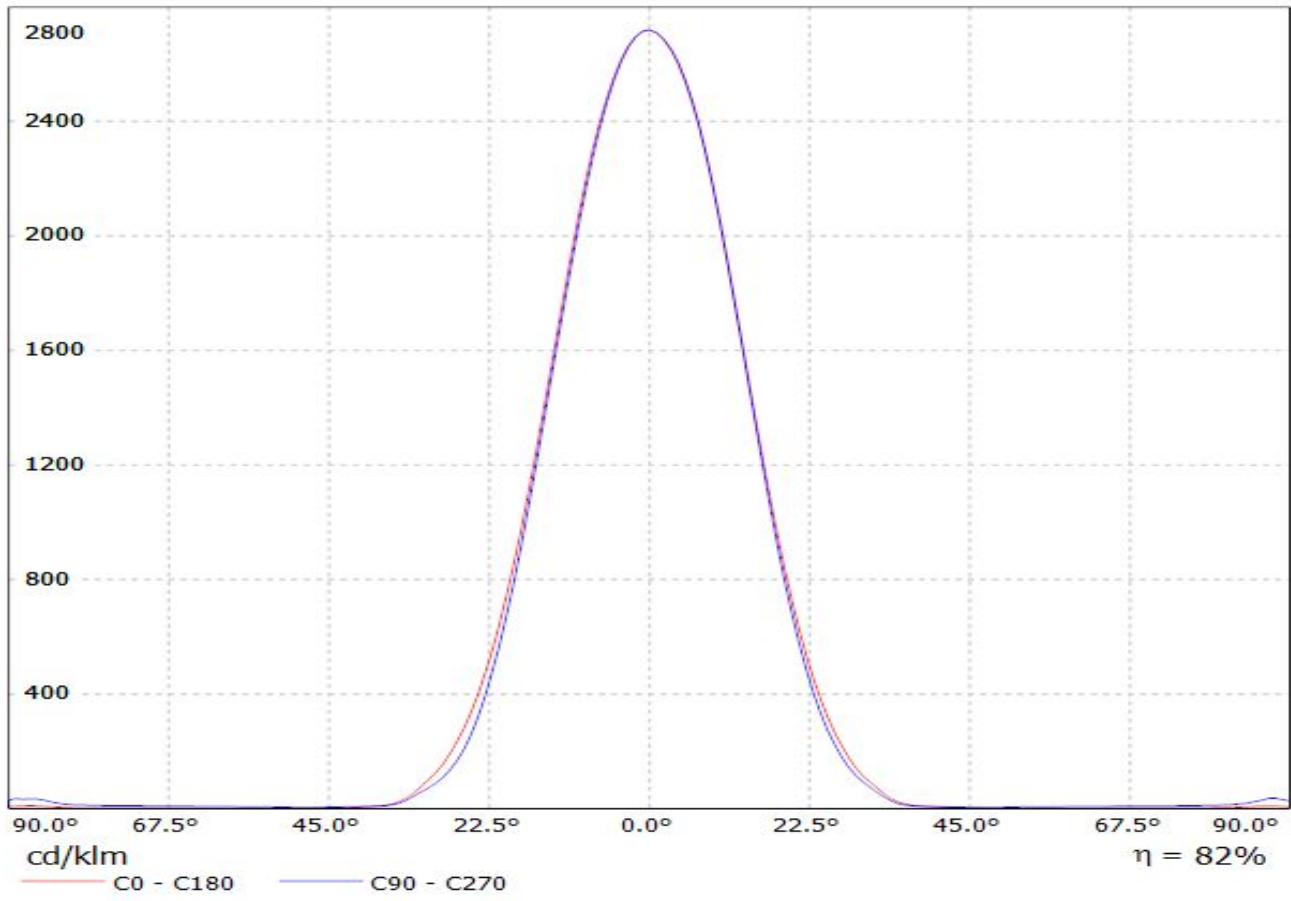


Luminaire: Ledil FC15352\_FLORENTINA-4X1-M\_(XP-G2)

Lamps: 1 x Cree\_XP-G2\_1x4\_(XPGBWT-H1-7A2-Q4-0-01)\_335.917lm@250mA\_P=2.9045W\_I=0.25A

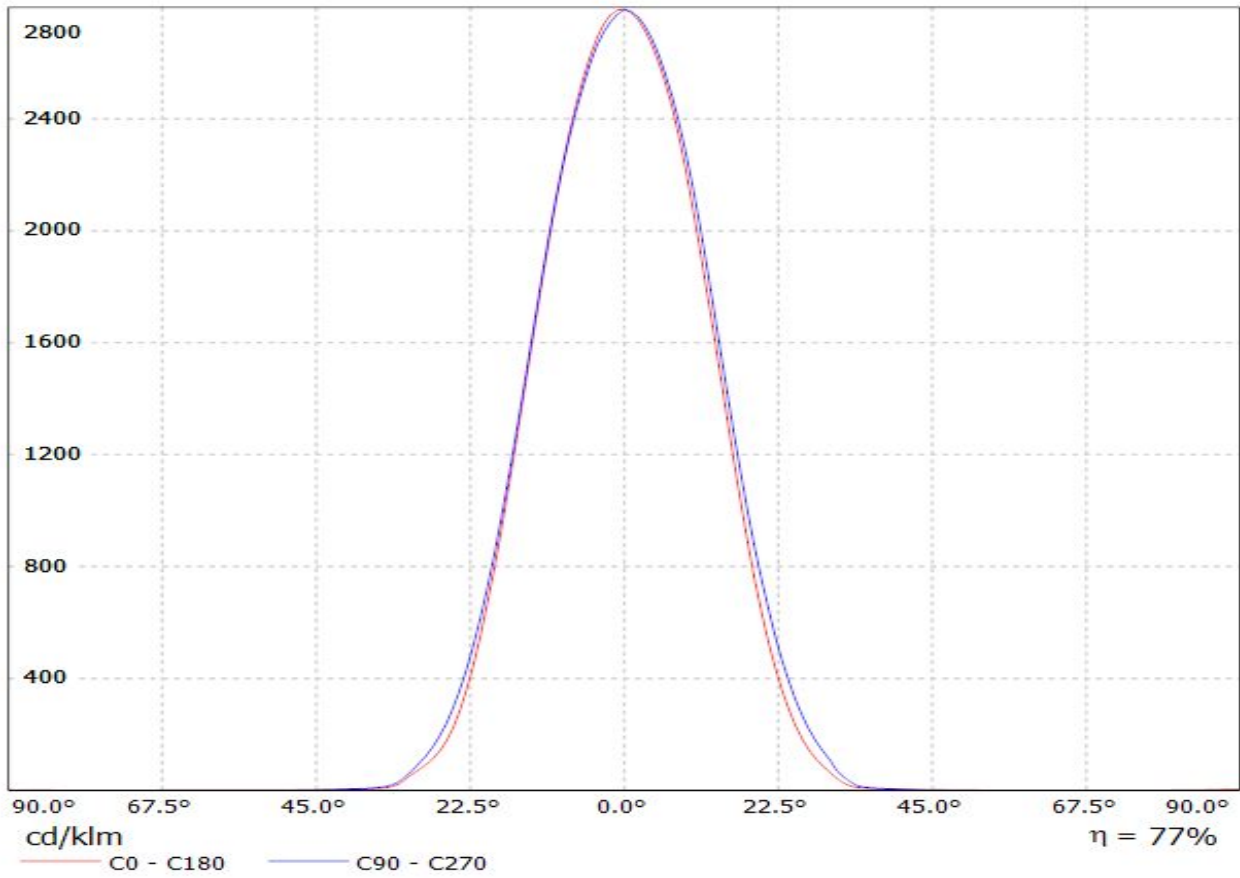


Luminaire: LEDiL Oy FC15352\_FLORENTINA-4X1-M\_(NVSL219BE)  
Lamps: 1 x Nichia\_NVSL219BE\_4x1\_320.463lm@250mA\_P=2.77977W\_I=0.25A



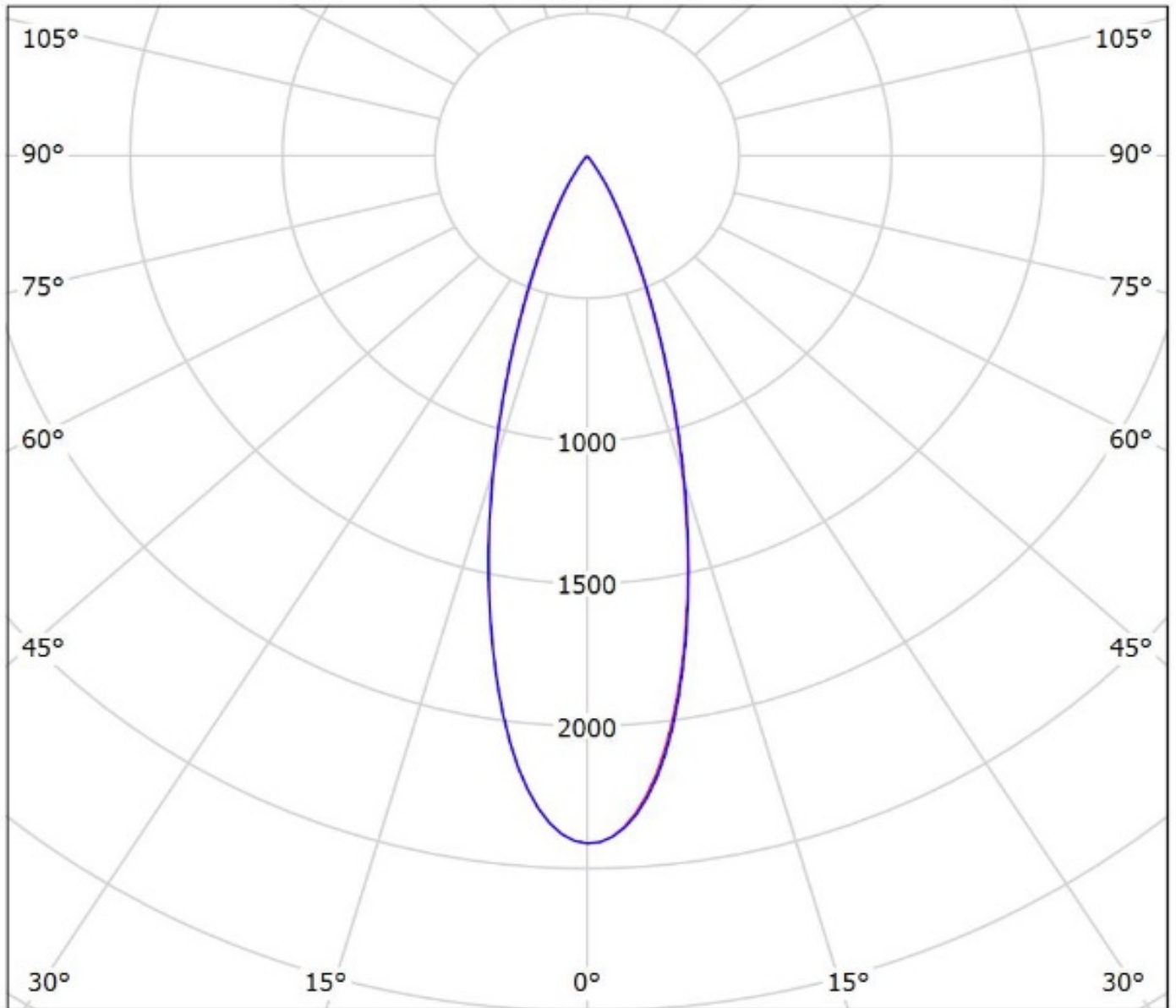
Luminaire: Ledil FC15352\_FLORENTINA-4X1-M\_(SQ\_Gen3)

Lamps: 1 x Osram\_Square\_Gen3\_4x1\_(GW\_CSSRM2.PM-MUNQ-A737-1)\_455.587lm@250mA\_P=2.78475W\_I=0.25,



Luminaire: Ledil FC15352\_FLORENTINA-4X1-M\_(XP-L)

Lamps: 1 x CREE\_XP-L\_2x2MX\_(XPLAWT-0-1B0-V40-00-0001)\_515.493lm@250mA\_P=2.8W\_I=0.25A

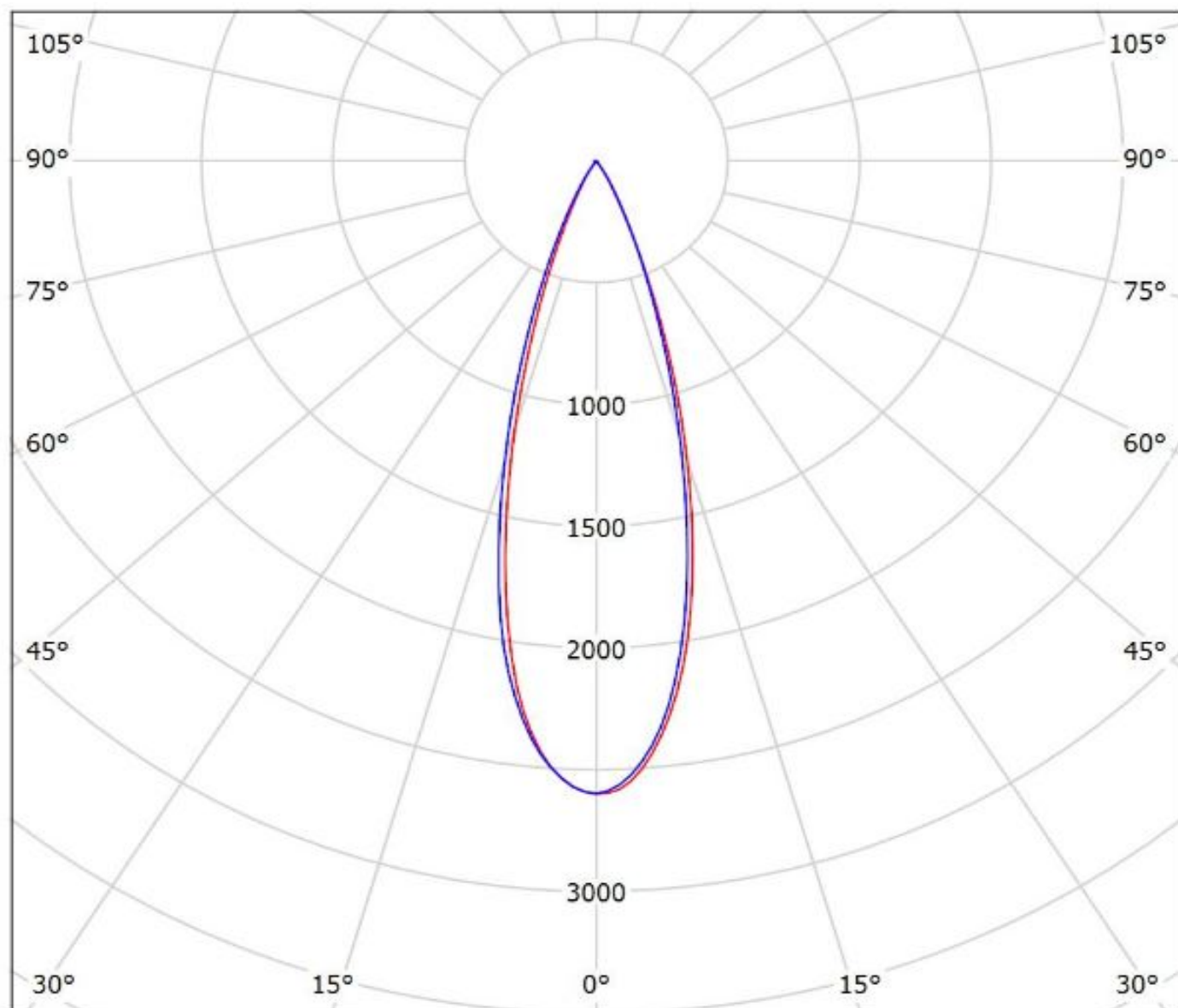


cd/klm  
— C0 - C180 — C90 - C270

$\eta = 75\%$

Luminaire: Ledil FC15352\_FLORENTINA-4X1-M\_(XP-G2)

Lamps: 1 x Cree\_XP-G2\_1x4\_(XPGBWT-H1-7A2-Q4-0-01)\_335.917lm@250mA\_P=2.9045W\_I=0.25A



cd/klm

— C0 - C180

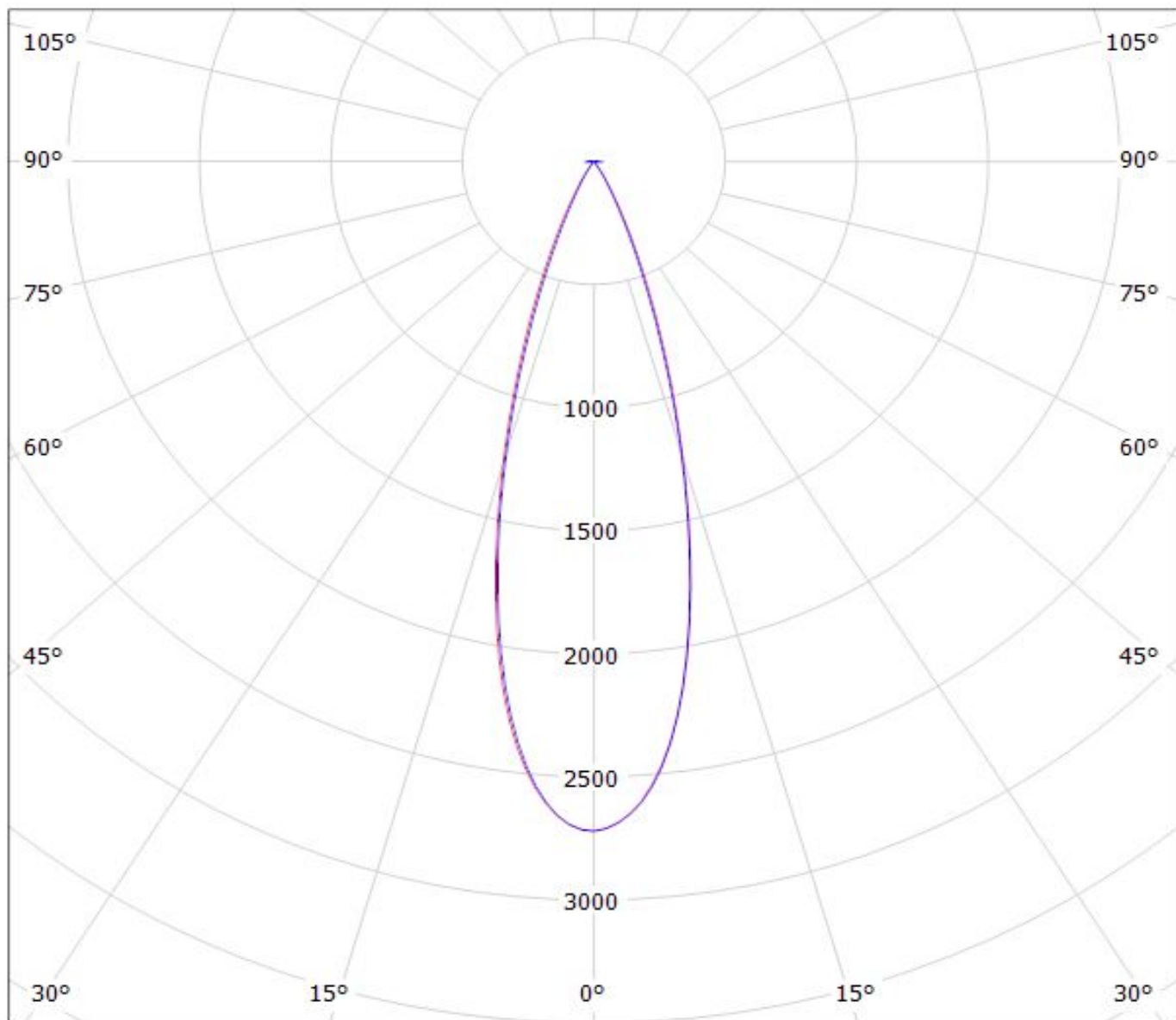
— C90 - C270

$\eta = 75\%$



Luminaire: LEDiL Oy FC15352\_FLORENTINA-4X1-M\_(NVSL219BE)

Lamps: 1 x Nichia\_NVSL219BE\_4x1\_320.463lm@250mA\_P=2.77977W\_I=0.25A



$\eta = 82\%$

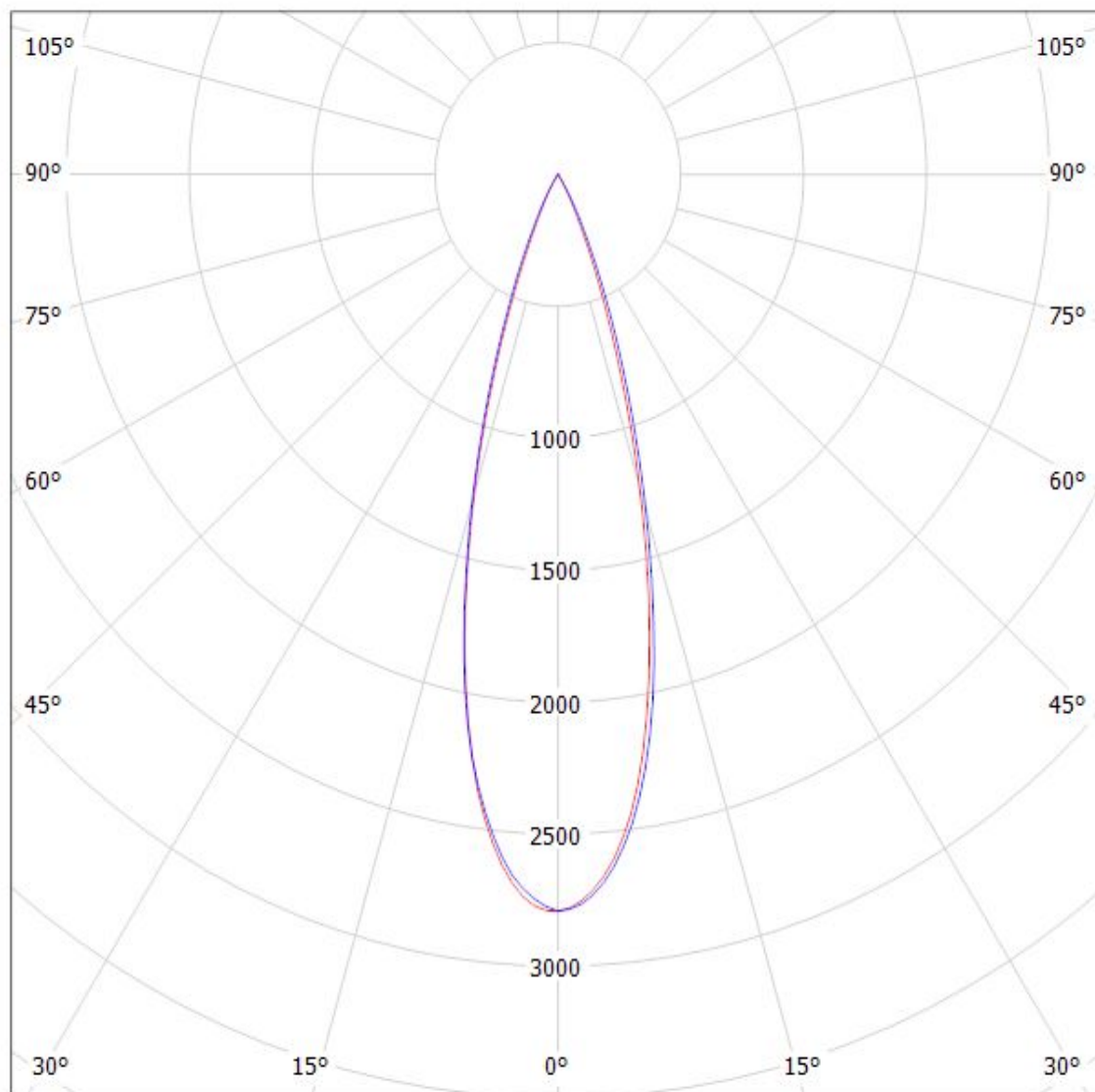
cd/klm

— C0 - C180

— C90 - C270

Luminaire: Ledil FC15352\_FLORENTINA-4X1-M\_(SQ\_Gen3)

Lamps: 1 x Osram\_Square\_Gen3\_4x1\_(GW\_CSSRM2.PM-MUNQ-A737-1)\_455.587lm@250mA\_P=2.78475W\_I=0.25A



cd/klm

— C0 - C180 — C90 - C270

$\eta = 77\%$

**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.**