

## DETAILS

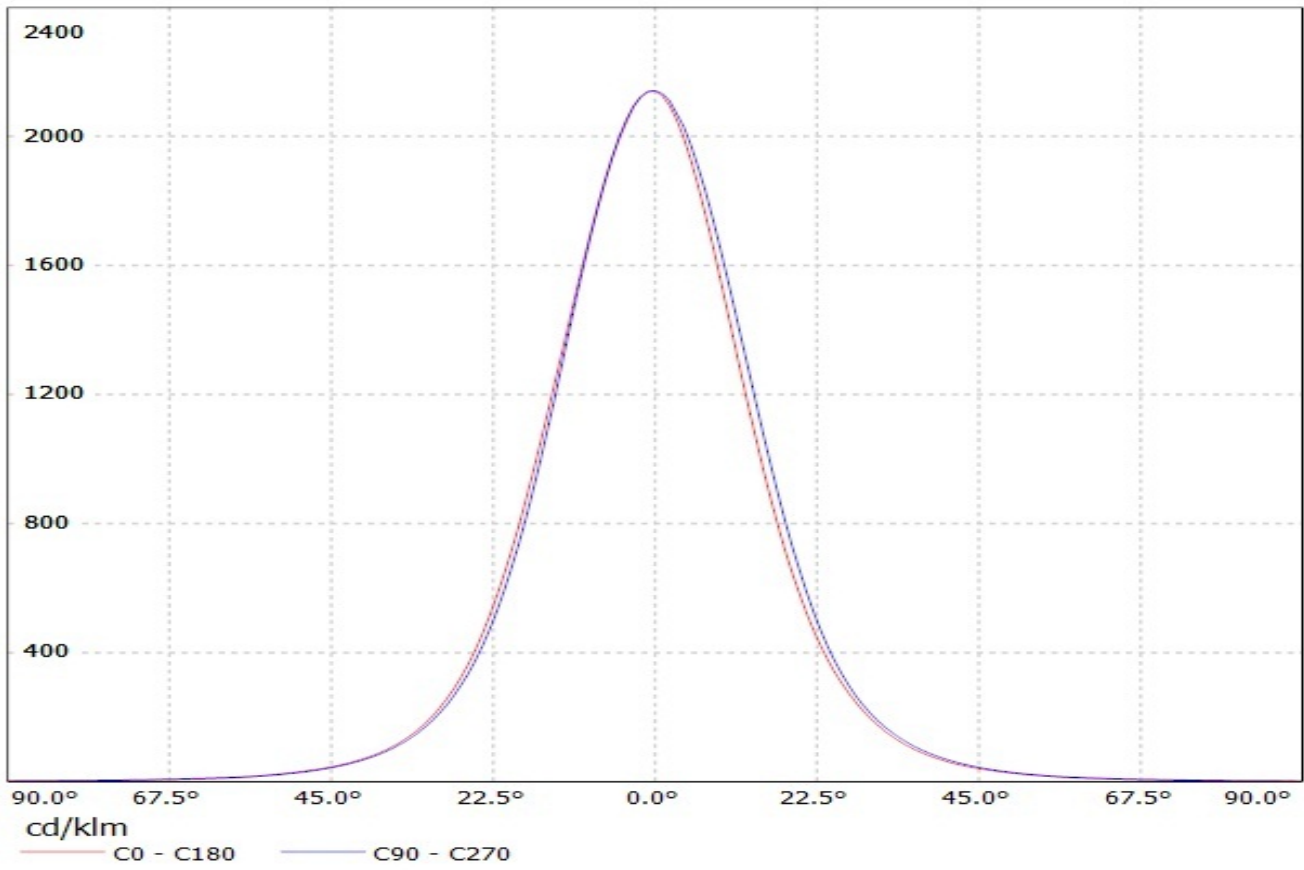
<b>Product Number</b>	CA11174_TINA2-M
<b>Family</b>	Tina
<b>Type</b>	Assembly
<b>Color</b>	black
<b>Diameter</b>	16,1 mm
<b>Height</b>	11 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	tape
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	23/02/2017



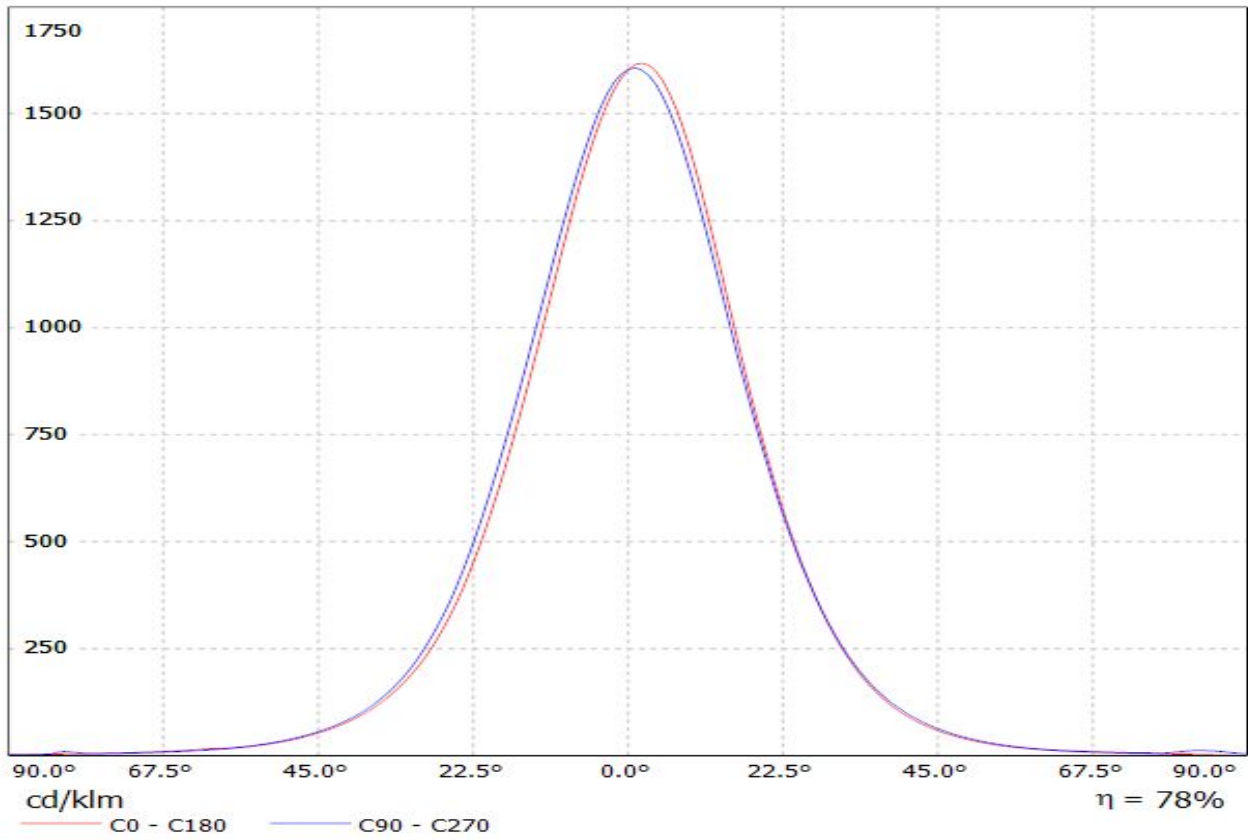
## OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
MX-6	30 deg	Medium	83 %	2.200	-
LUXEON 5050	34 deg	Medium	78 %	1.600	-
NS6x83	30 deg	Medium	85 %	2.300	-
NS3x83	32 deg	Medium	-	2.200	-
OLP-x5050F6L	34 deg	Medium	86 %	2.100	-

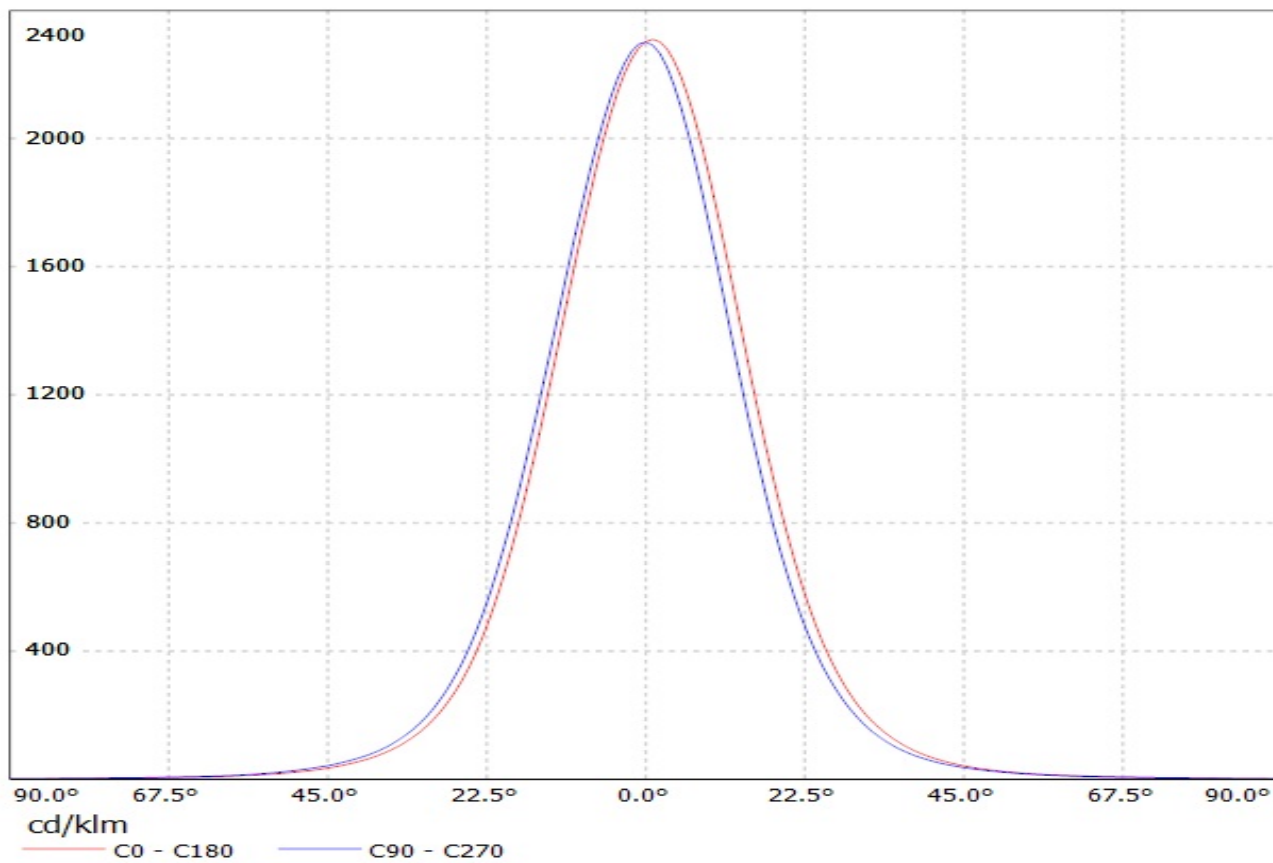
Luminaire: LEDIL OY CP12685\_TINA2-M / CA11174\_TINA2-M (Cree MX-6) Efficiency=83%  
Lamps: 1 x Cree MX-6 (67lm @ 250mA)



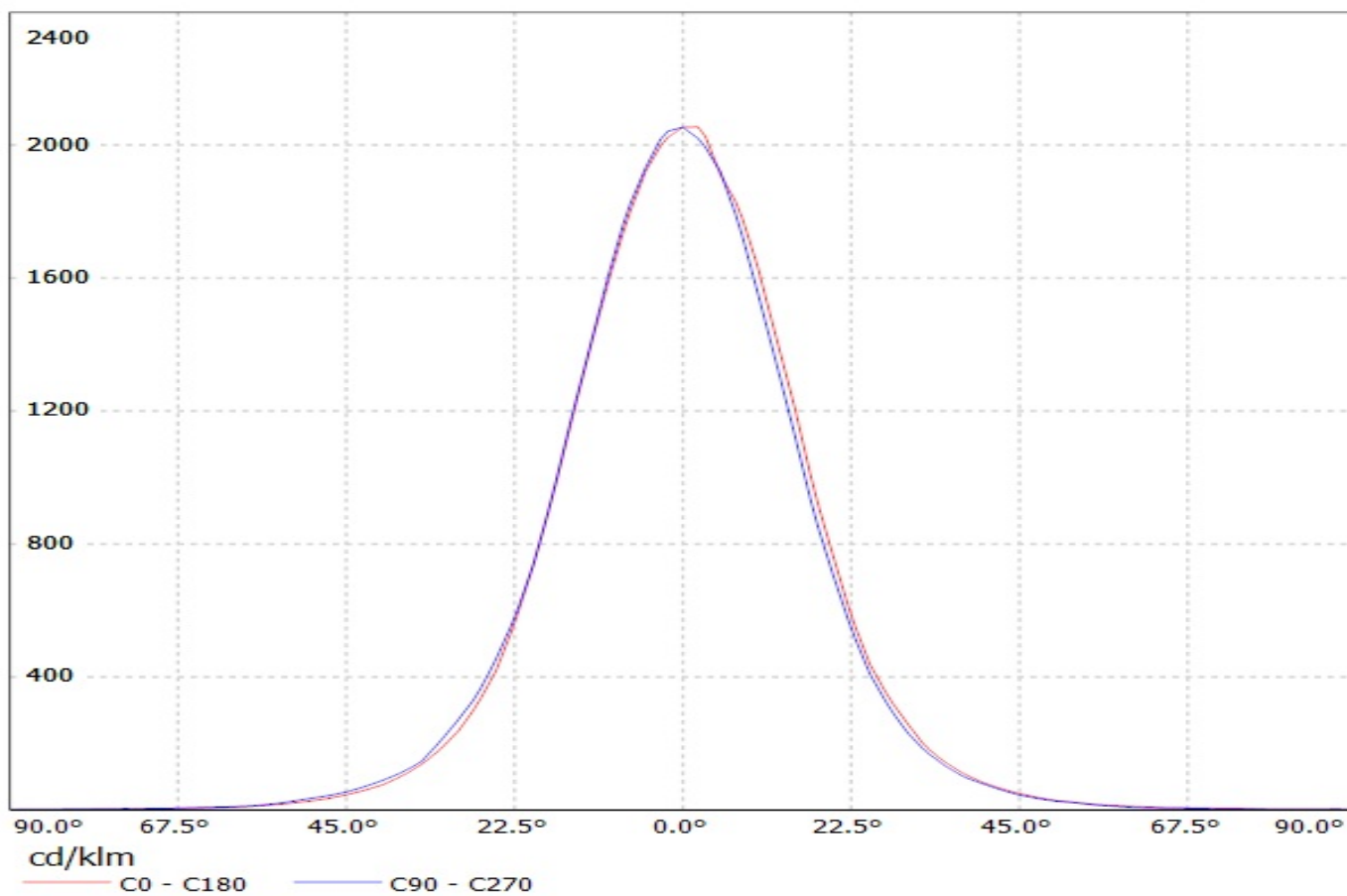
Luminaire: LEDiL Oy CA11174\_TINA2-M\_(Luxeon\_5050)  
Lamps: 1 x Luxeon\_5050\_318.829lm@80mA\_CCT=5700K\_P=1.82525W\_I=0.08A



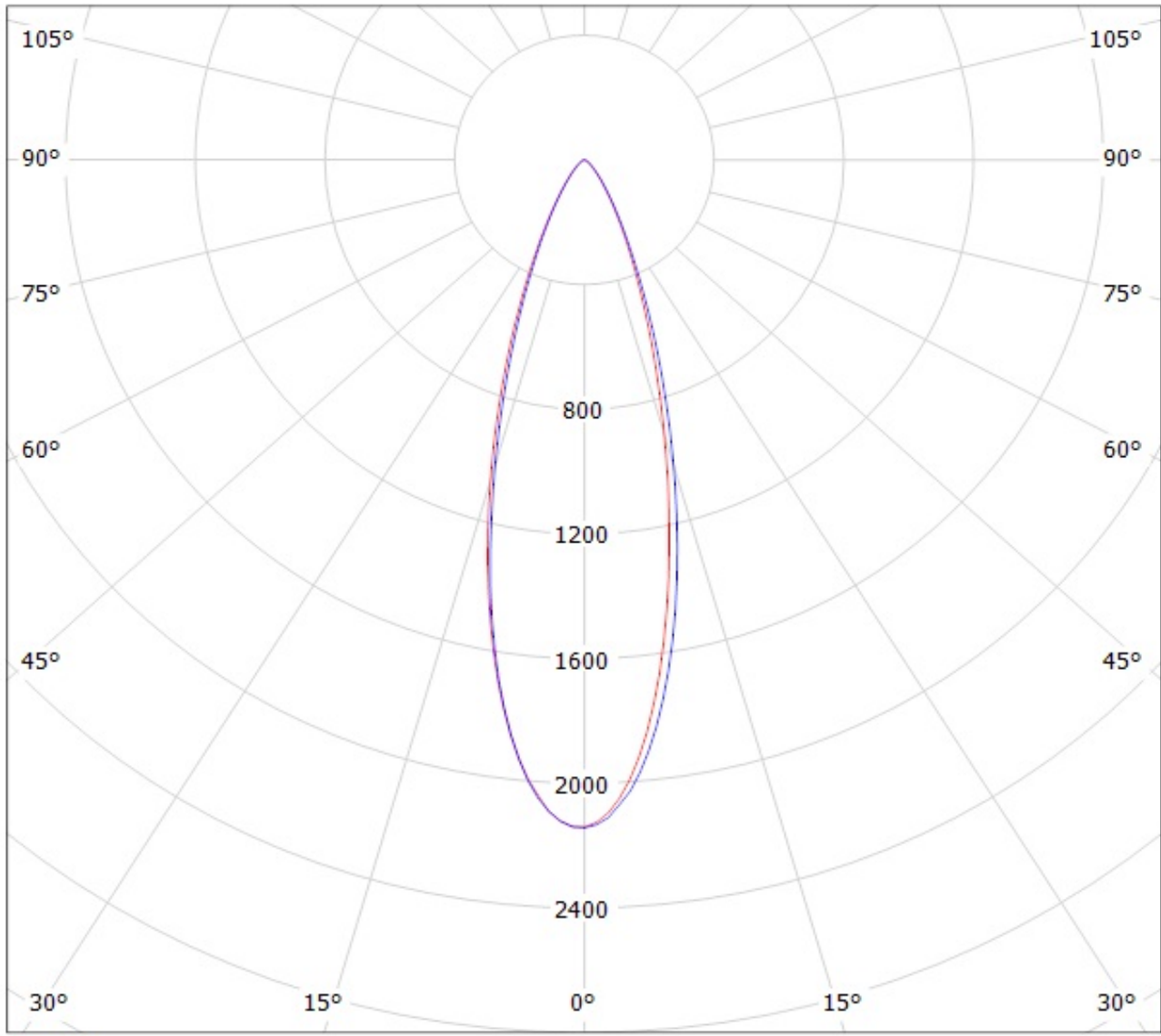
Luminaire: LEDIL OY CP12685\_TINA2-M & CA11174\_TINA2-M (Nichia NS6x83) Efficiency=85%  
Lamps: 1 x Nichia NS6x83 (76lm @ 250mA)



Luminaire: Ledil Oy CA11174\_TINA-M (Optogan 80lm @ 250mA) Efficiency=86%  
Lamps: 1 x Optogan 80lm @ 250mA



Luminaire: LEDIL OY CP12685\_TINA2-M / CA11174\_TINA2-M (Cree MX-6) Efficiency=83%  
Lamps: 1 x Cree MX-6 (67lm @ 250mA)



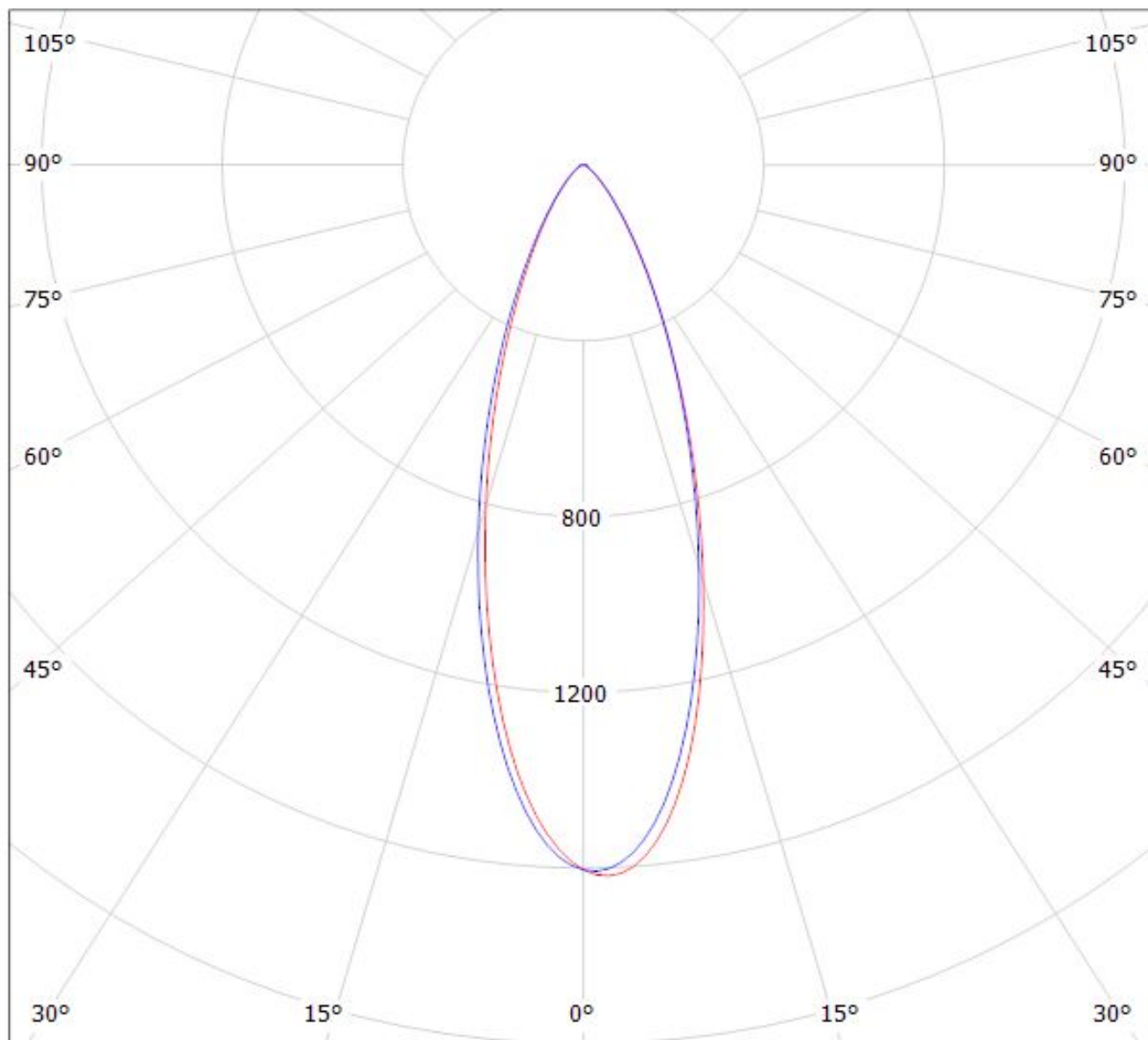
cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA11174\_TINA2-M\_(Luxeon\_5050)

Lamps: 1 x Luxeon\_5050\_318.829lm@80mA\_CCT=5700K\_P=1.82525W\_I=0.08A



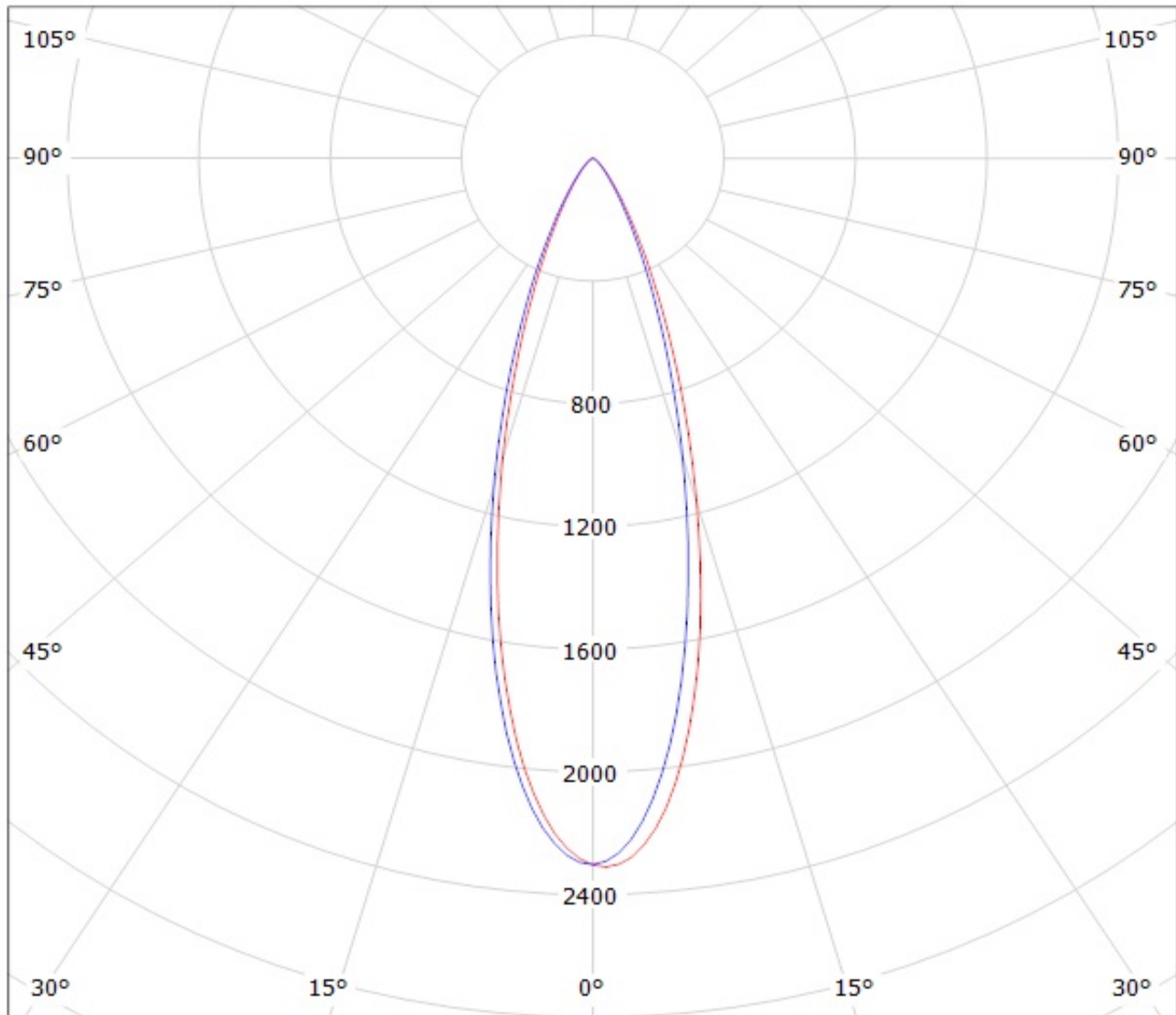
cd/klm

— C0 - C180

— C90 - C270

$\eta = 78\%$

Luminaire: LEDIL OY CP12685\_TINA2-M & CA11174\_TINA2-M (Nichia NS6x83) Efficiency=85%  
Lamps: 1 x Nichia NS6x83 (76lm @ 250mA)



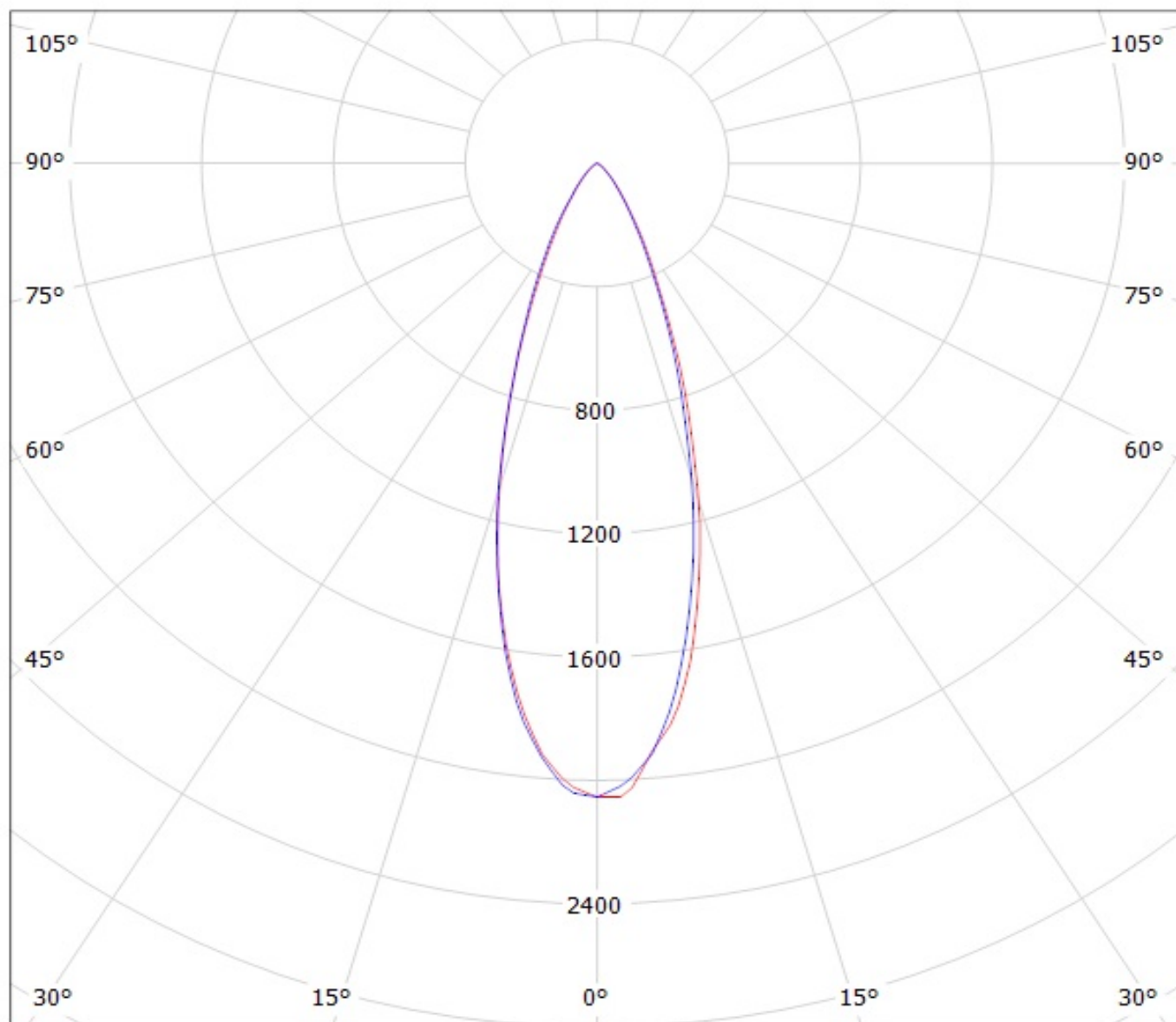
cd/klm

— C0 - C180

— C90 - C270



Luminaire: Ledil Oy CA11174\_TINA-M (Optogan 80lm @ 250mA) Efficiency=86%  
Lamps: 1 x Optogan 80lm @ 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.**