

PRODUCT DATASHEET

Tina series

last update 10/2/2016

**Product number FA10886_TINA-RS**

Family	Tina	FWHM	10 degrees
Type	Assembly	Efficiency	93 %
LED	Golden Dragon+	cd/lm	20.100
Color	White	Gerber File	Available
Diameter	16.1 mm		
Height	10.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FA10642_TINA-D**

Family	Tina	FWHM	13 degrees
Type	Assembly	Efficiency	93 %
LED	Golden Dragon+	cd/lm	0.070
Color	White	Gerber File	Available
Diameter	16.1 mm		
Height	10.32 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FA11199_TINA-O**

Family	Tina	FWHM	14+34 degrees
Type	Assembly	Efficiency	90 %
LED	Golden Dragon+	cd/lm	6.500
Color	White	Gerber File	Available
Diameter	16.1 mm		
Height	10.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FA10643_TINA-M**

Family	Tina	FWHM	30 degrees
Type	Assembly	Efficiency	92 %
LED	Golden Dragon+	cd/lm	3.160
Color	White	Gerber File	Available
Diameter	16.1 mm		
Height	10.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		



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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.



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GENERAL INFORMATION

- Product series especially designed & optimized for Golden Dragon+ series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

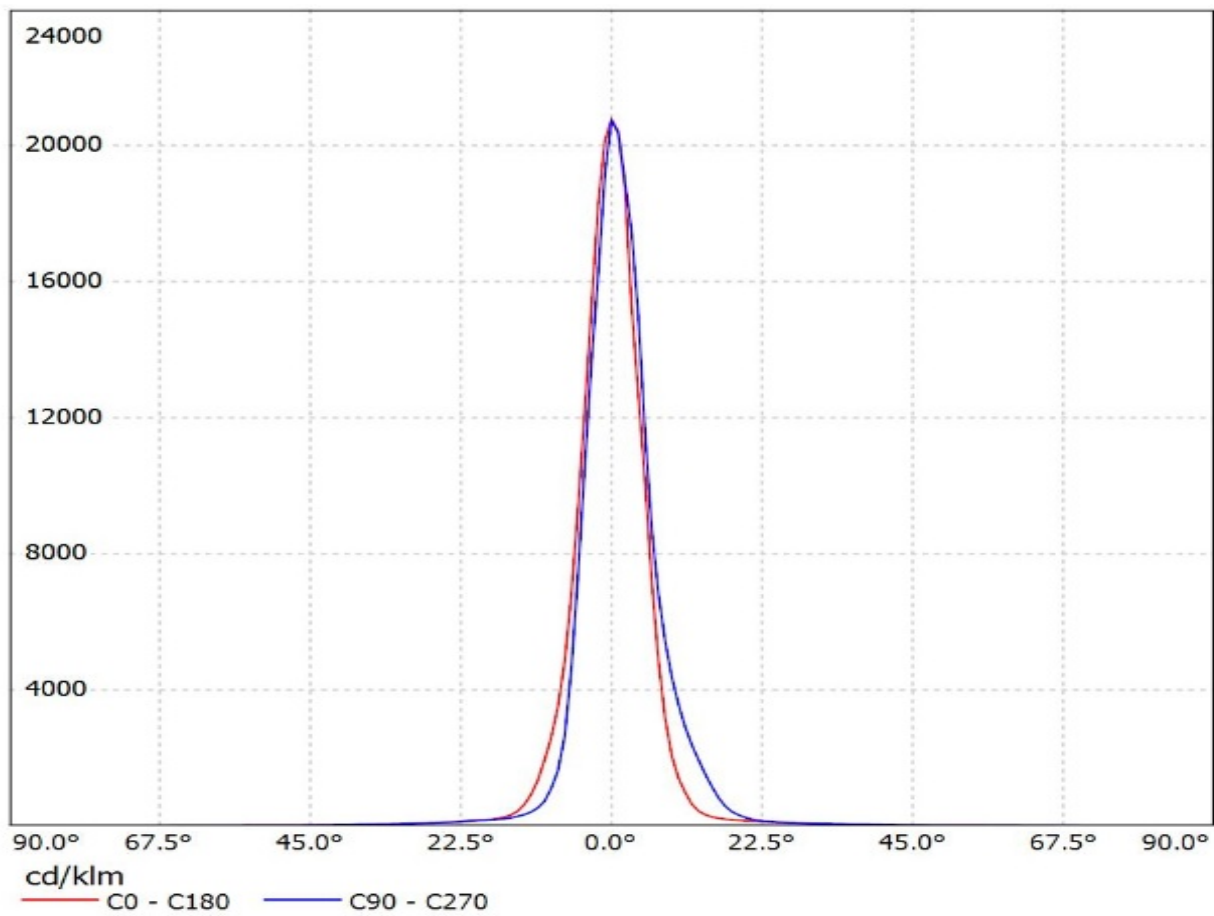
Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

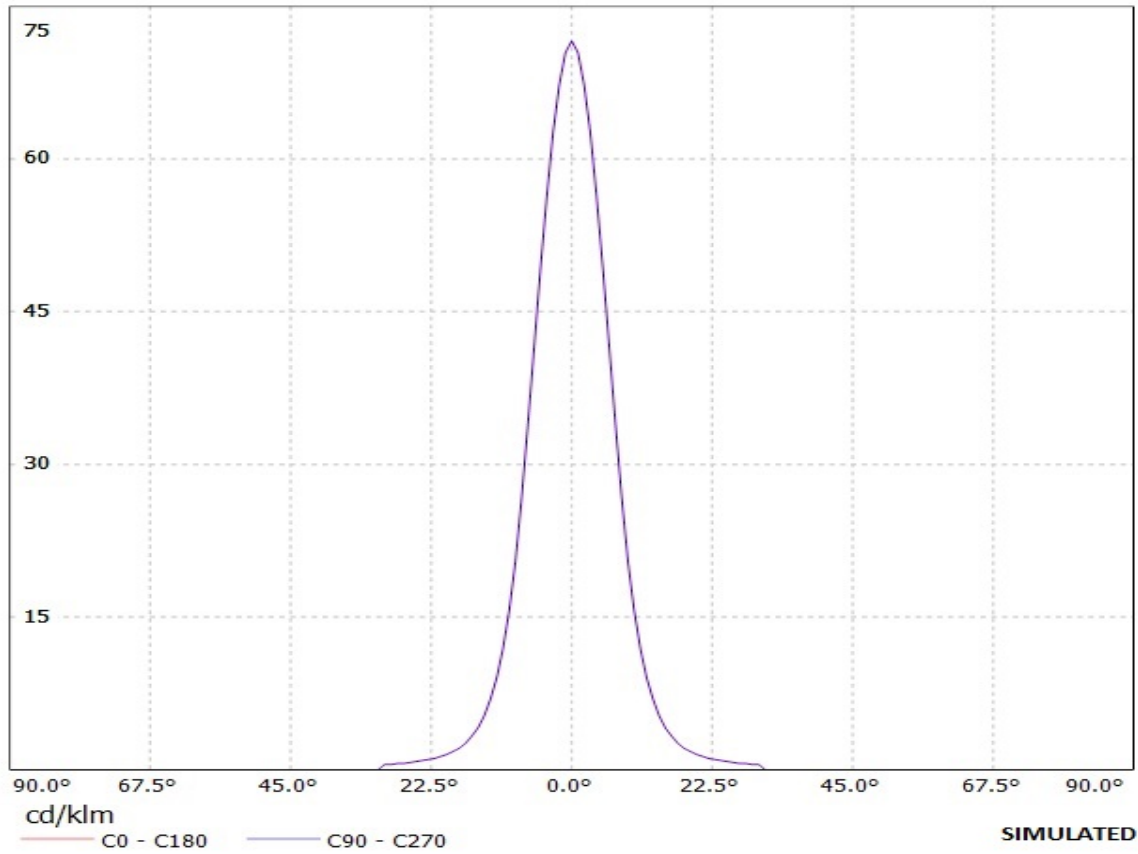
Luminaire: LEDiL Oy FA10886_TINA-RS_(Golden_Dragon+)

Lamps: 1 x Osram_Golden_Dragon_Plus_(LCW_W5AM-KYKZ-4L8N-Z)_66.0029lm@250mA_P=0.785386W_I=249.9mA



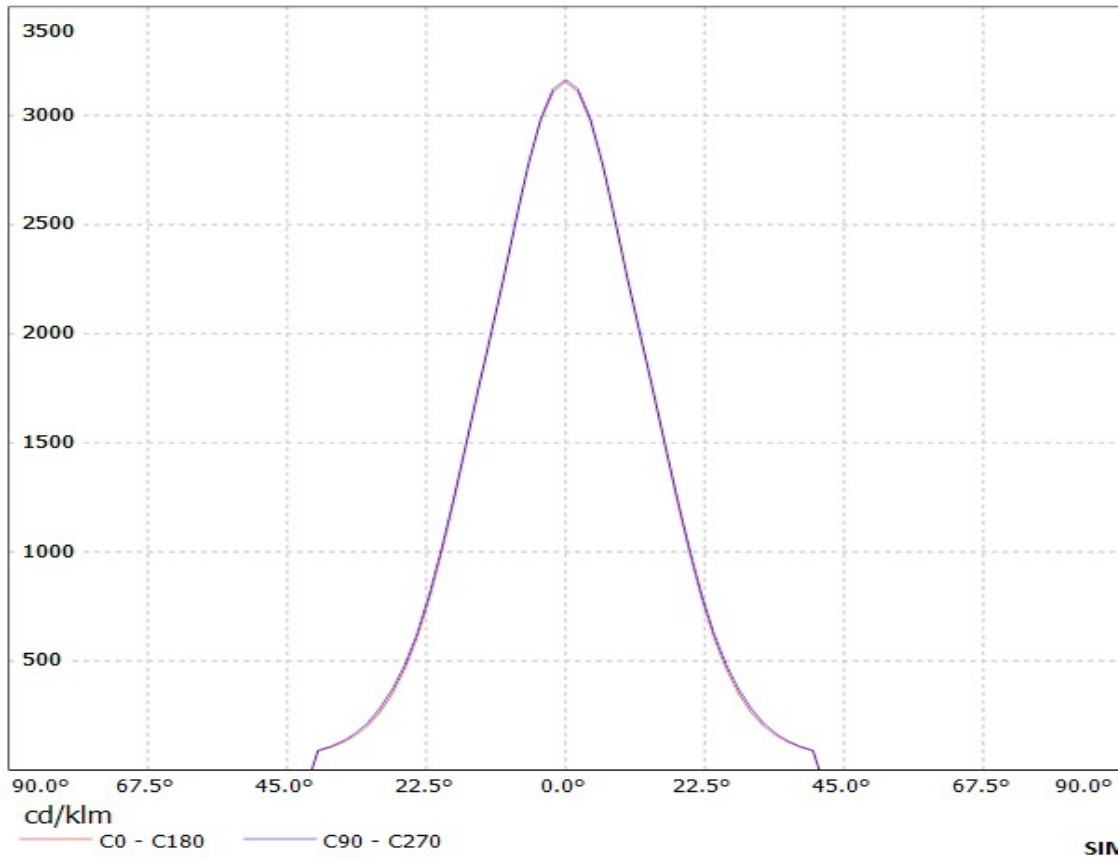
Ledil Oy FA10642_Tina-0-Plus-D FA10642_Tina-0-Plus-D / LDC (Linear)

Luminaire: Ledil Oy FA10642_Tina-0-Plus-D FA10642_Tina-0-Plus-D
Lamps: 1 x Golden Dragon +



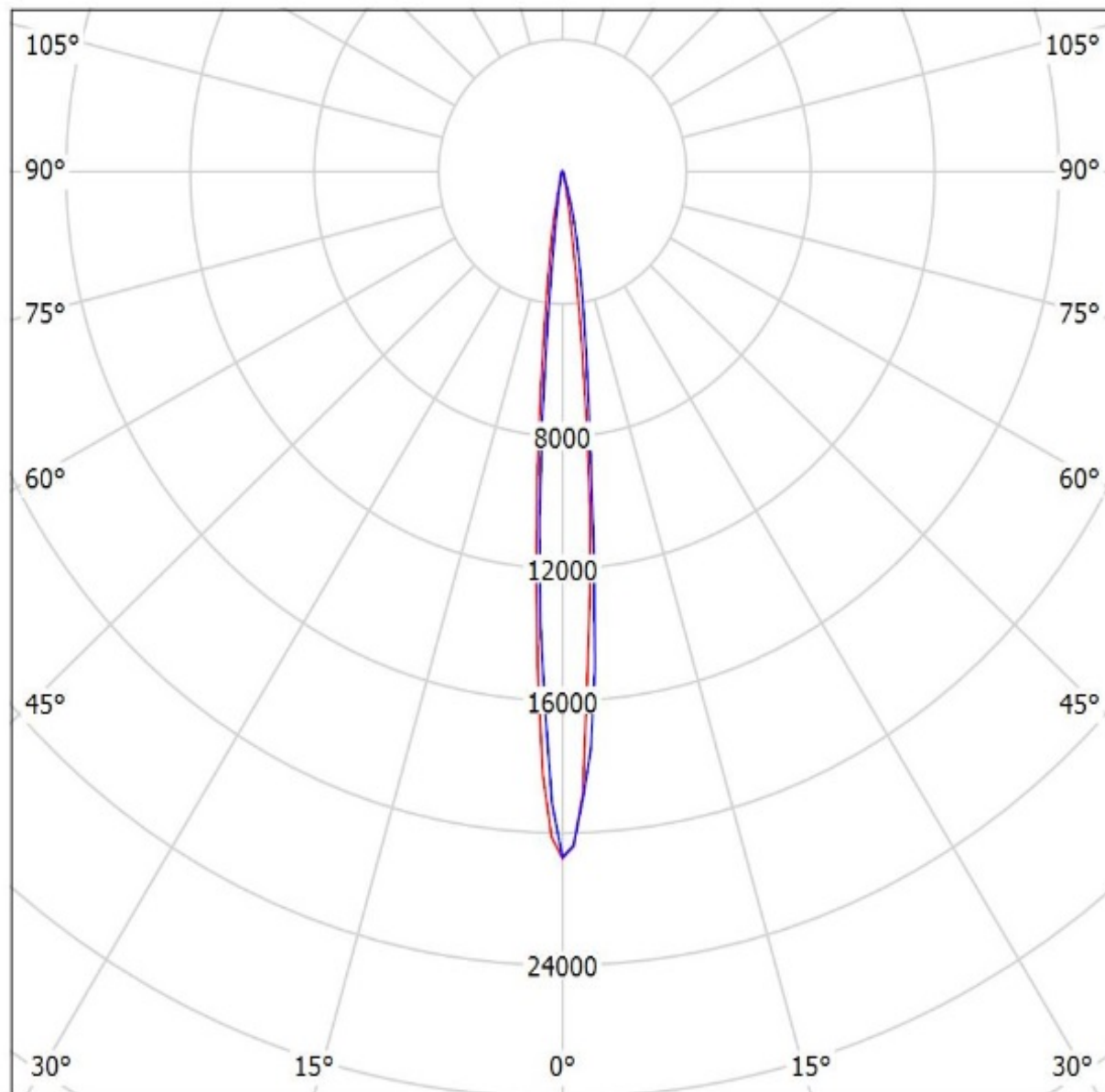
Ledil Oy FA10643_Tina-0-Plus-M FA10643_Tina-0-Plus-M / LDC (Linear)

Luminaire: Ledil Oy FA10643_Tina-0-Plus-M FA10643_Tina-0-Plus-M
Lamps: 1 x Osram-os Golden Dragon+



Luminaire: LEDiL Oy FA10886_TINA-RS_(Golden_Dragon+)

Lamps: 1 x Osram_Golden_Dragon_Plus_(LCW_W5AM-KYKZ-4L8N-Z)_66.0029lm@250mA_P=0.785386W_I=249.9mA



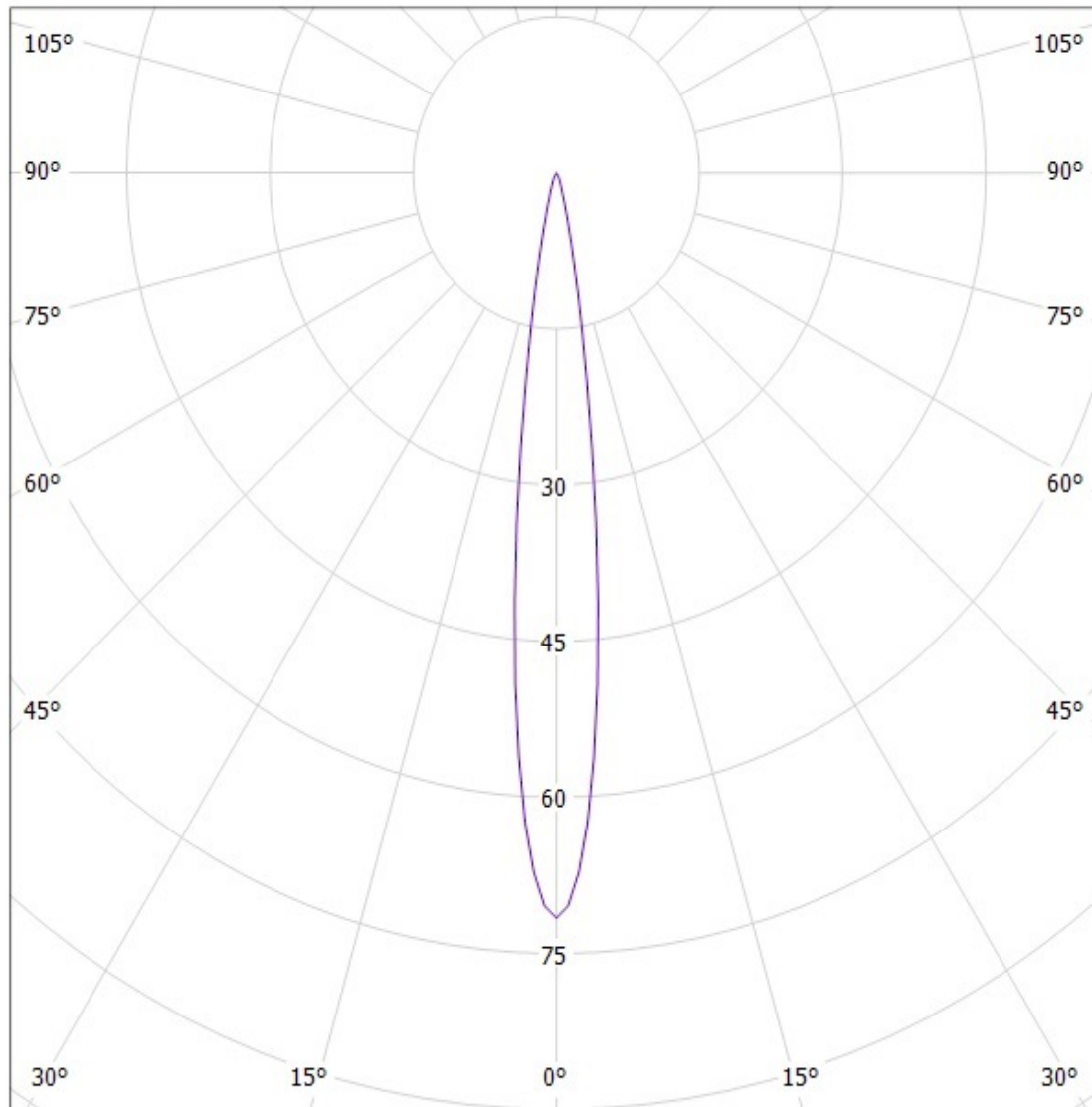
cd/klm

— C0 - C180

— C90 - C270

Ledil Oy FA10642_Tina-0-Plus-D FA10642_Tina-0-Plus-D / LDC (Polar)

Luminaire: Ledil Oy FA10642_Tina-0-Plus-D FA10642_Tina-0-Plus-D
Lamps: 1 x Golden Dragon +



cd/klm

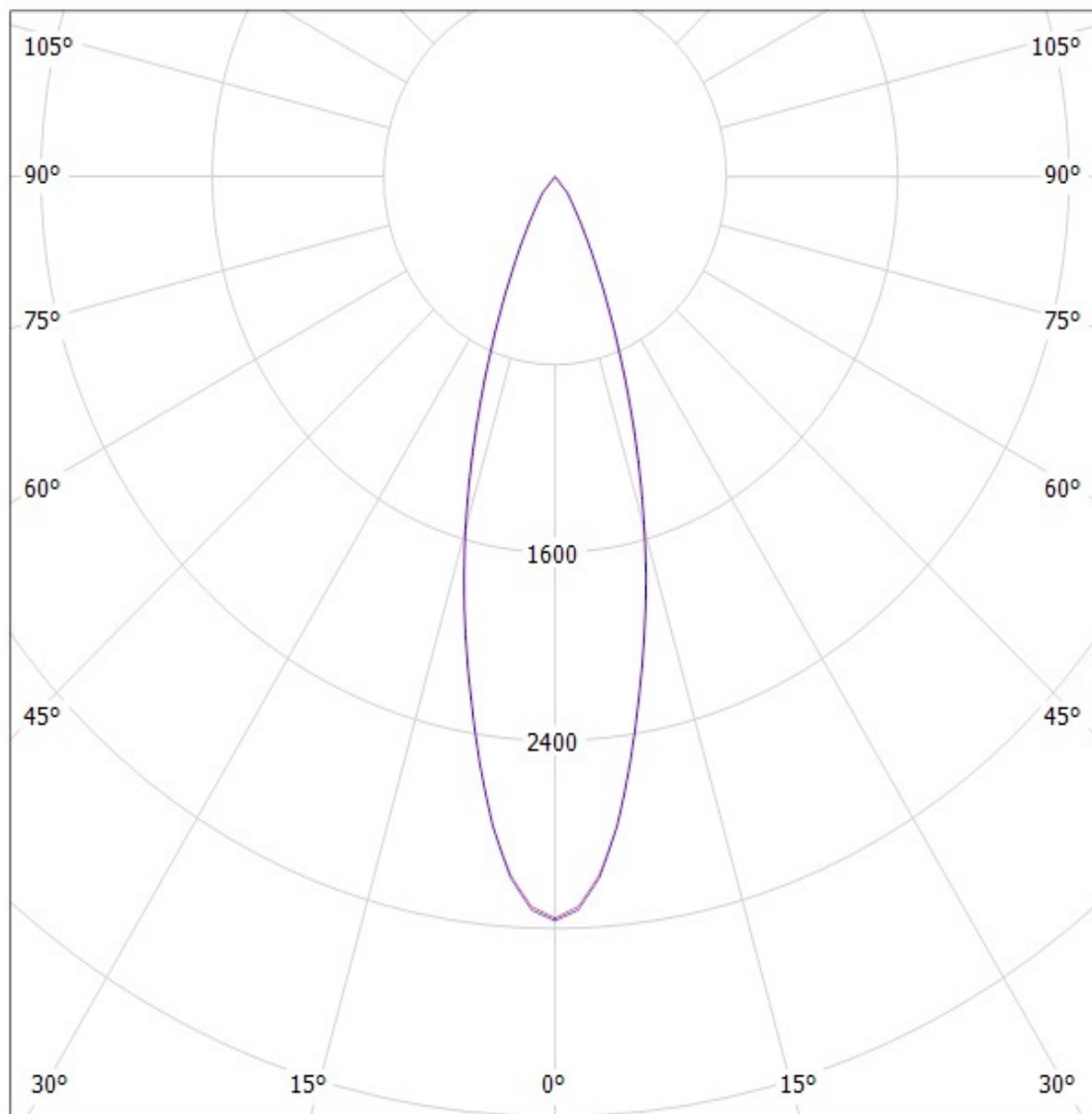
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy FA10643_Tina-0-Plus-M FA10643_Tina-0-Plus-M / LDC (Polar)

Luminaire: Ledil Oy FA10643_Tina-0-Plus-M FA10643_Tina-0-Plus-M

Lamps: 1 x Osram-os Golden Dragon+



cd/klm

— C0 - C180

— C90 - C270

SIMULATED