

**Product number FA11453_LO2-M2**

Family	Leila	FWHM	(simulated) 24
Type	Assembly	Efficiency	-
LED	Golden Dragon+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FA10751_LO2-RS**

Family	Leila	FWHM	7 degrees
Type	Assembly	Efficiency	93 %
LED	Golden Dragon+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FCN11257_LO1-RS**

Family	Leila	FWHM	7 degrees
Type	Pack	Efficiency	-
LED	Golden Dragon+	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

**Product number FA10753_LO2-D**

Family	Leila	FWHM	11 degrees
Type	Assembly	Efficiency	93 %
LED	Golden Dragon+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FCN11259_LO1-D**

Family	Leila	FWHM	11 degrees
Type	Pack	Efficiency	-
LED	Golden Dragon+	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

**Product number FA10750_LO2-M**

Family	Leila	FWHM	26 degrees
Type	Assembly	Efficiency	88 %
LED	Golden Dragon+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FCN11258_LO1-M**

Family	Leila	FWHM	26 degrees
Type	Pack	Efficiency	-
LED	Golden Dragon+	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

**Product number FCN11466_LO1-M2**

Family	Leila	FWHM	28 degrees
Type	Pack	Efficiency	95 %
LED	Golden Dragon+	cd/lm	3.300
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

**Product number FA10752_LO2-REC**

Family	Leila	FWHM	38+24 degrees
Type	Assembly	Efficiency	84 %
LED	Golden Dragon+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FCN11262_LO1-REC**

Family	Leila	FWHM	38+24 degrees
Type	Pack	Efficiency	-
LED	Golden Dragon+	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

**Product number FA11834_LO2-O**

Family	Leila	FWHM	38+12 degrees
Type	Assembly	Efficiency	-
LED	Golden Dragon+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FA11135_LO2-O-90**

Family	Leila	FWHM	41+12 degrees
Type	Assembly	Efficiency	-
LED	Golden Dragon+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FCN11260_LO1-O**

Family	Leila	FWHM	41+12 degrees
Type	Pack	Efficiency	-
LED	Golden Dragon+	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 mm		
Height	14.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue"]		
Status	Production ready		

Product number CA11136_LO2-W

Family	Leila	FWHM	44 degrees
Type	Assembly	Efficiency	-
LED	Golden Dragon+	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 mm		
Height	13.9 mm		
Style	Round		
Optic Material	-		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

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.



PRODUCT DATASHEET

Leila series

last update 4/9/2015

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.

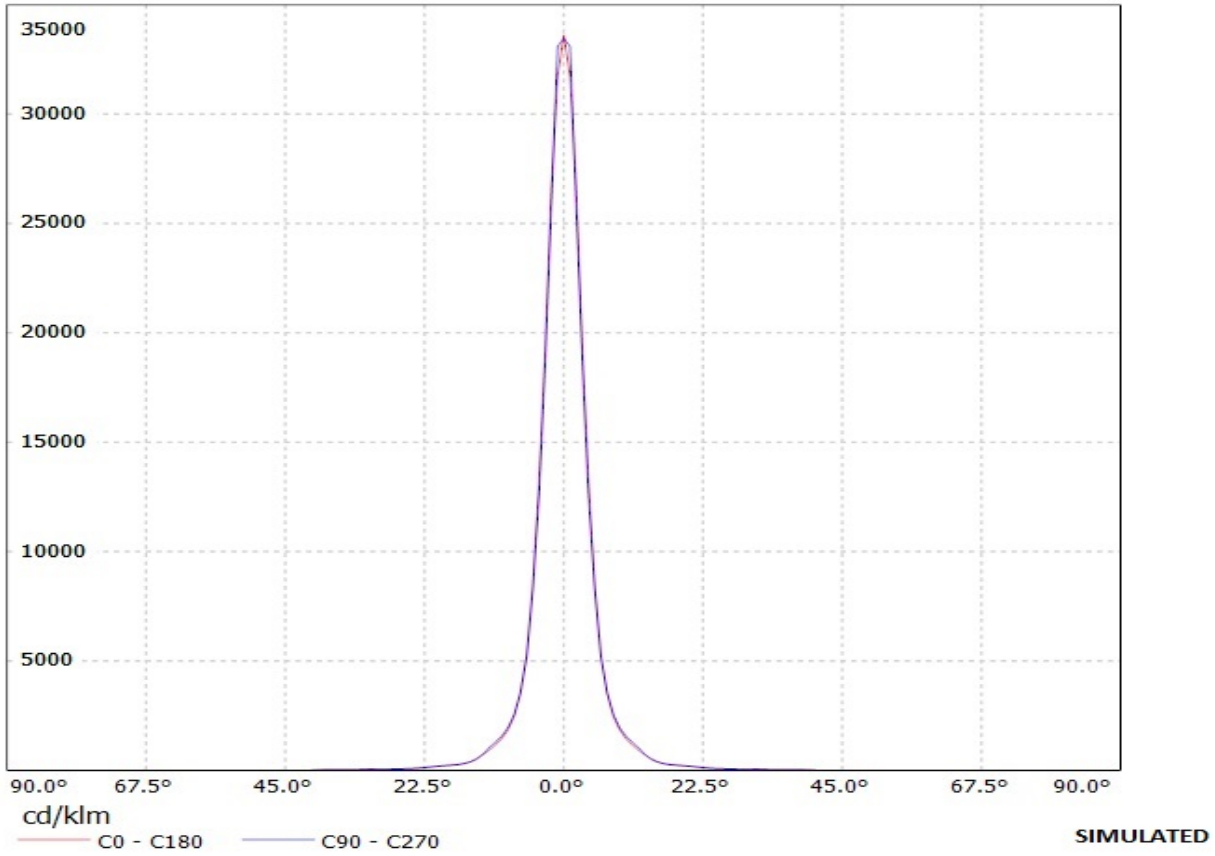
Please find more information about used material from below:

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>

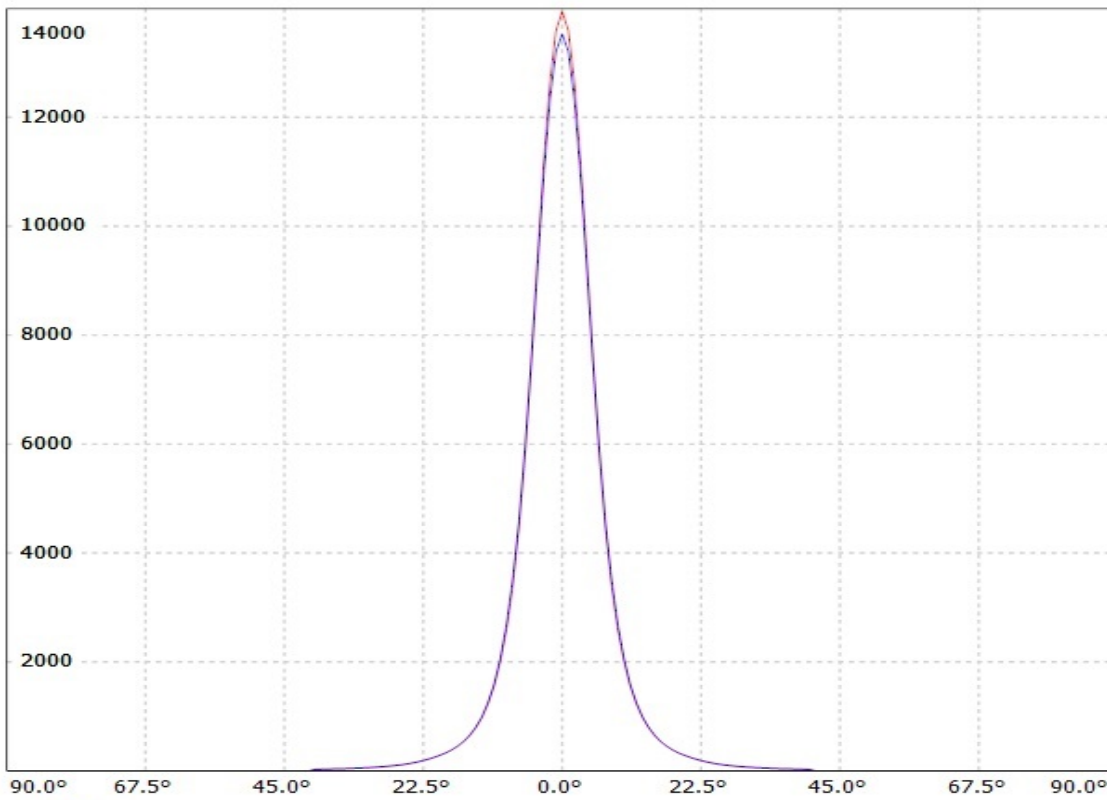
Ledil Oy FA10751_LO2-RS FA10751_LO2-RS / LDC (Linear)

Luminaire: Ledil Oy FA10751_LO2-RS FA10751_LO2-RS
Lamps: 1 x OSRAM-OS GOLDEN DRAGON+



Ledil Oy FA10753_LO2-D FA10753_LO2-D / LDC (Linear)

Luminaire: Ledil Oy FA10753_LO2-D FA10753_LO2-D
Lamps: 1 x OSRAM-OS GOLDEN DRAGON+



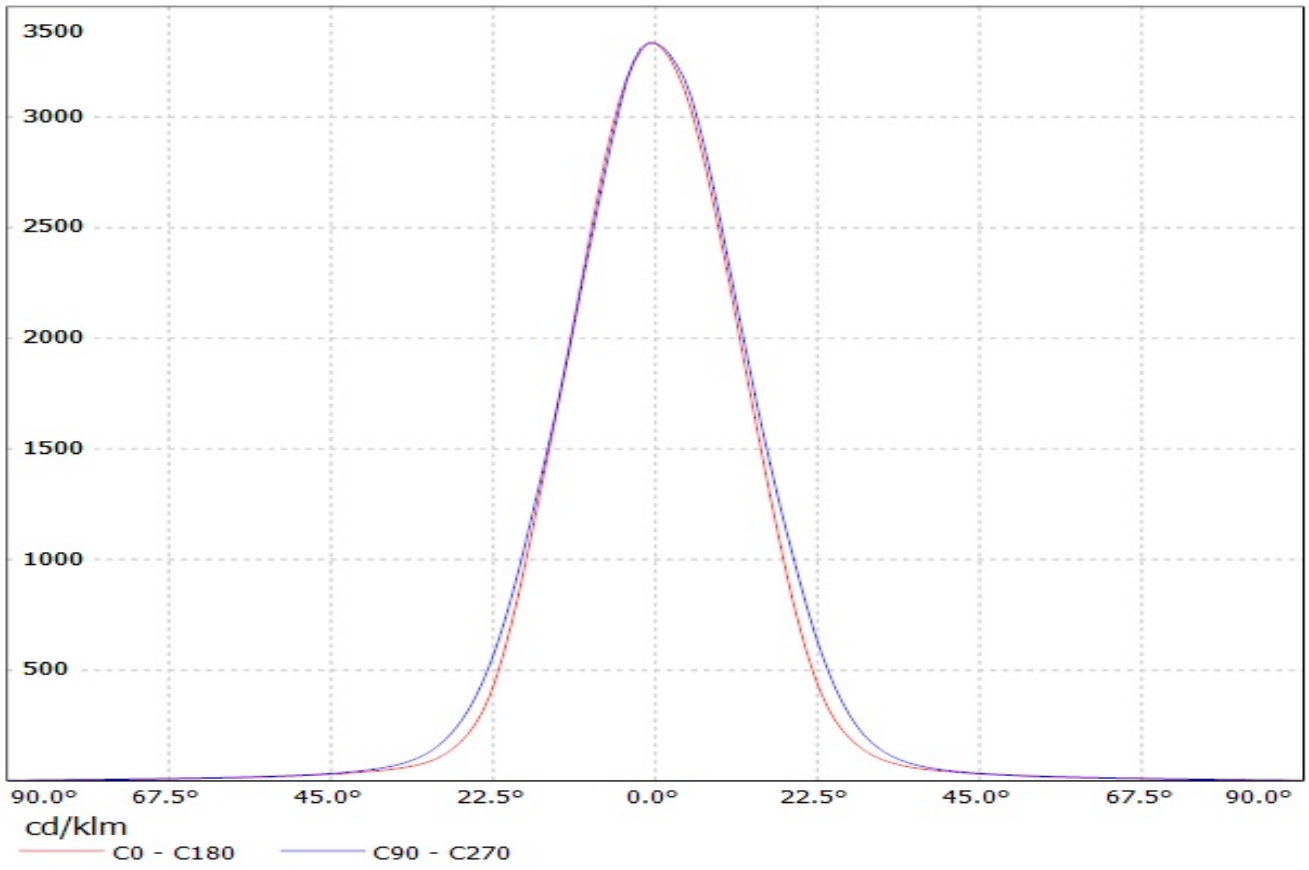
cd/klm

— C0 - C180

— C90 - C270

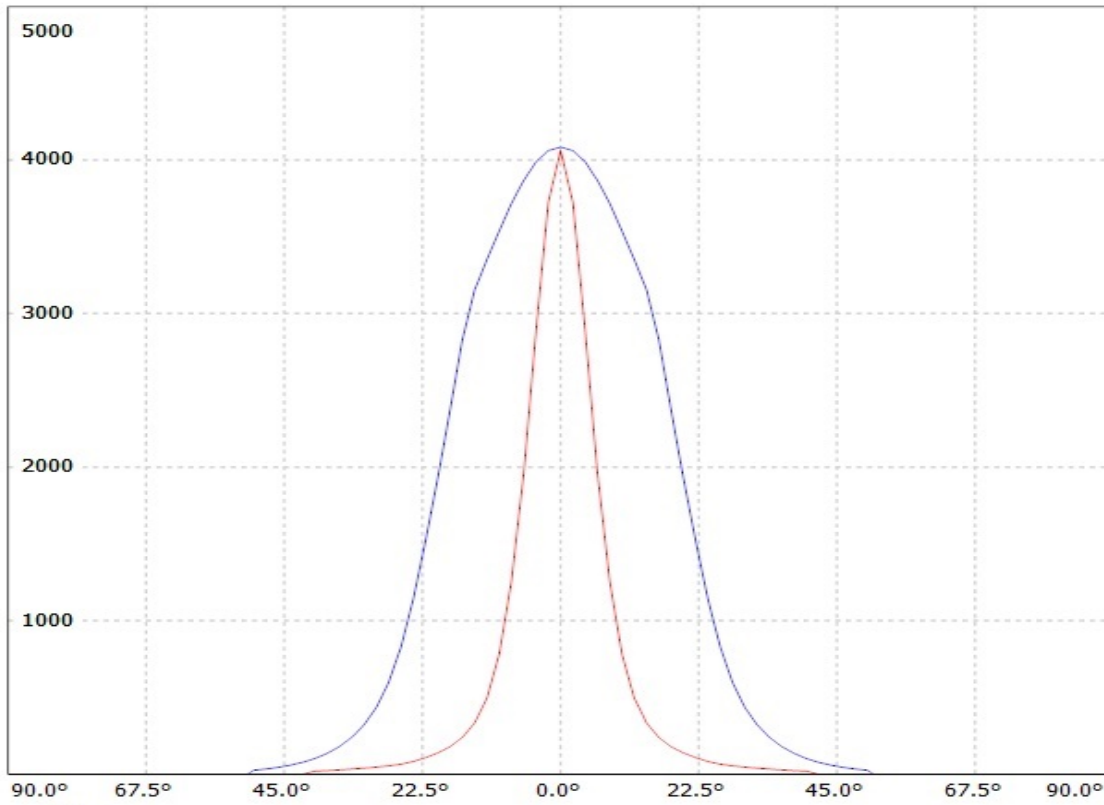
SIMULATED

Luminaire: LEDIL OY FCN11466_LO1-M2 (Osram Golden Dragon +) Efficiency=95%
Lamps: 1 x Osram Golden Dragon (66lm@250mA)



Ledil Oy FA11135_LO2-O-90 FA11135_LO2-O-90 / LDC (Linear)

Luminaire: Ledil Oy FA11135_LO2-O-90 FA11135_LO2-O-90
Lamps: 1 x Osram Os Golden Dragon+ 11°B



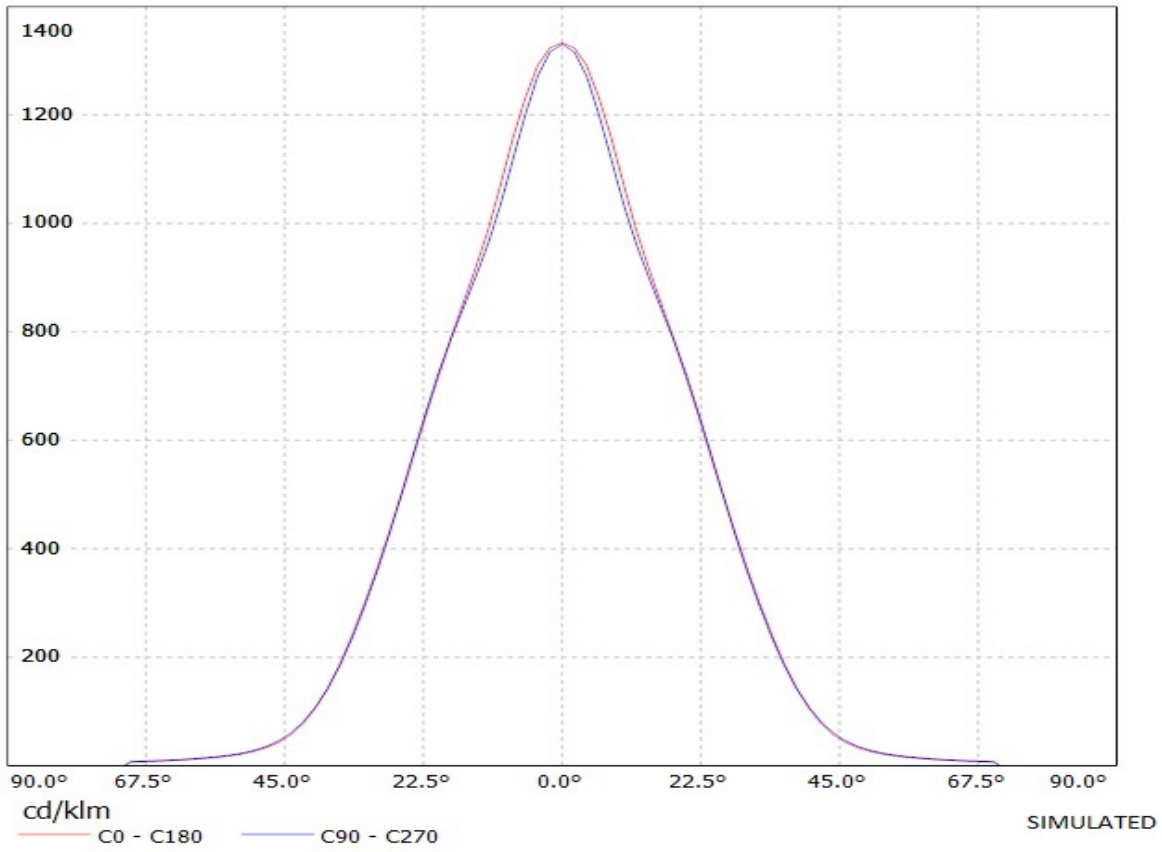
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy CA11136_LO2-W CA11136_LO2-W / LDC (Linear)

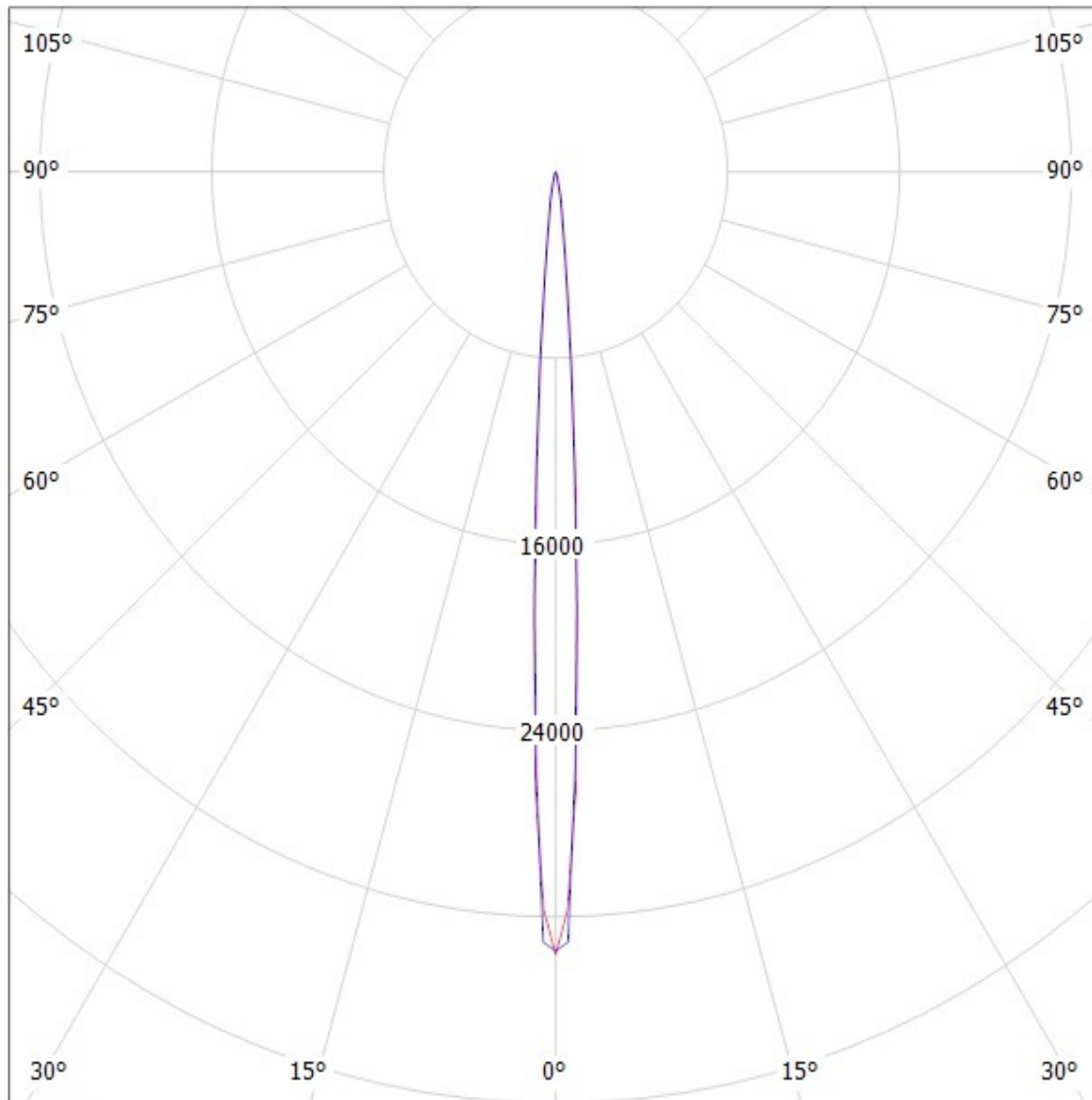
Luminaire: Ledil Oy CA11136_LO2-W CA11136_LO2-W
Lamps: 1 x Osram Golden Dragon+ (Wh)



Ledil Oy FA10751_LO2-RS FA10751_LO2-RS / LDC (Polar)

Luminaire: Ledil Oy FA10751_LO2-RS FA10751_LO2-RS

Lamps: 1 x OSRAM-OS GOLDEN DRAGON+



cd/klm

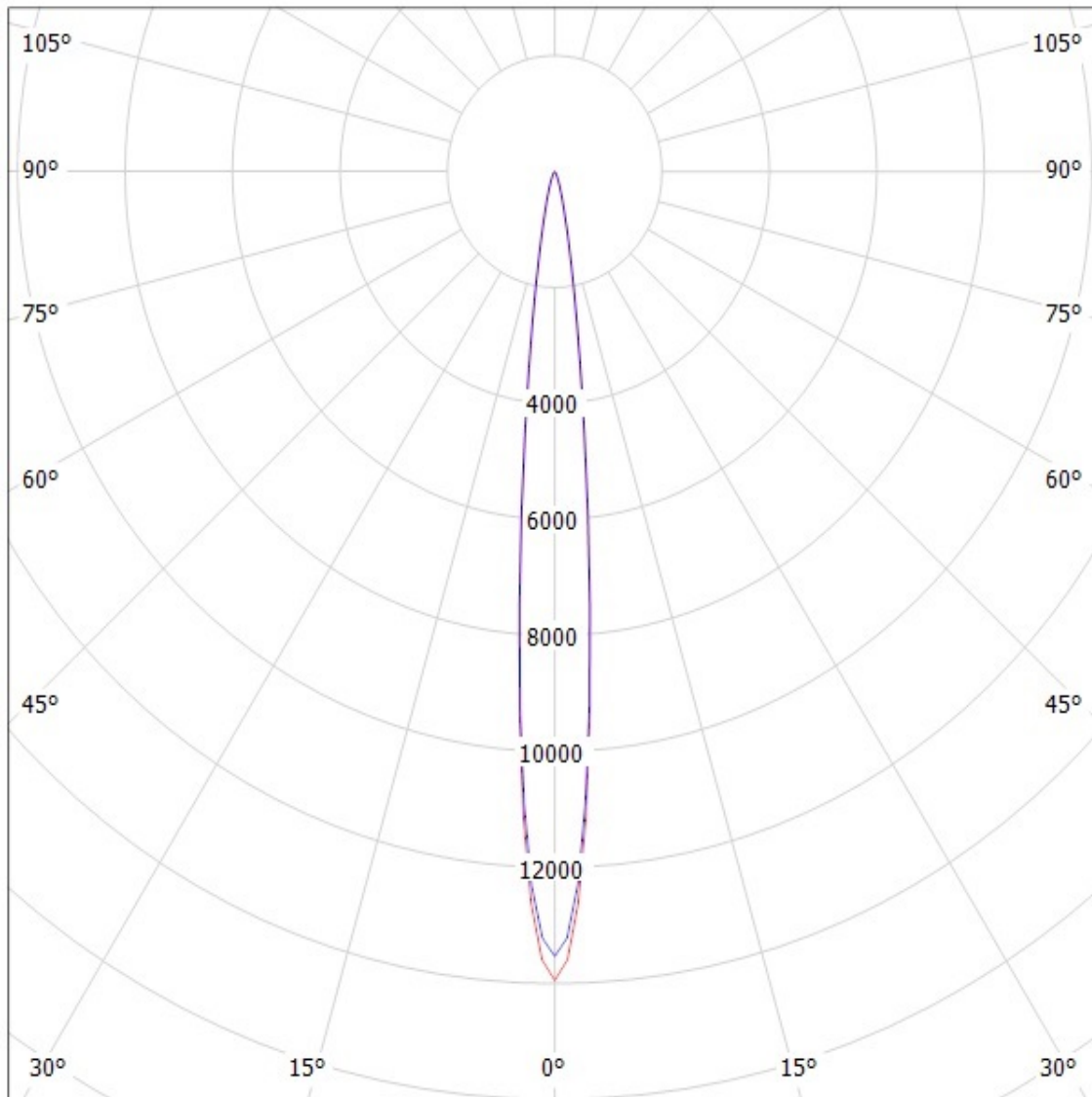
— C0 - C180

— C90 - C270

SIMULATED

Ledil Oy FA10753_LO2-D FA10753_LO2-D / LDC (Polar)

Luminaire: Ledil Oy FA10753_LO2-D FA10753_LO2-D
Lamps: 1 x OSRAM-OS GOLDEN DRAGON+



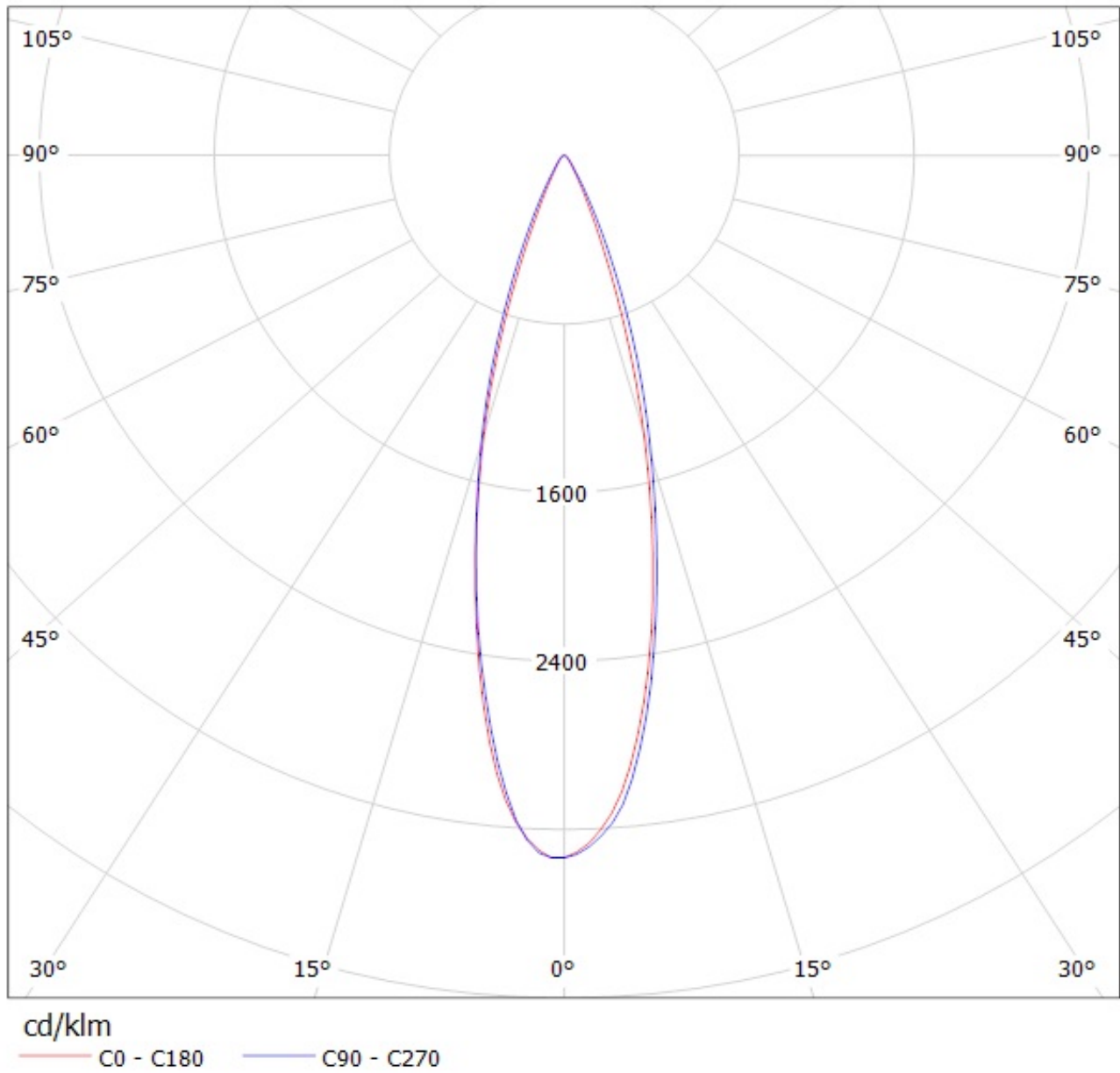
cd/klm

— C0 - C180

— C90 - C270

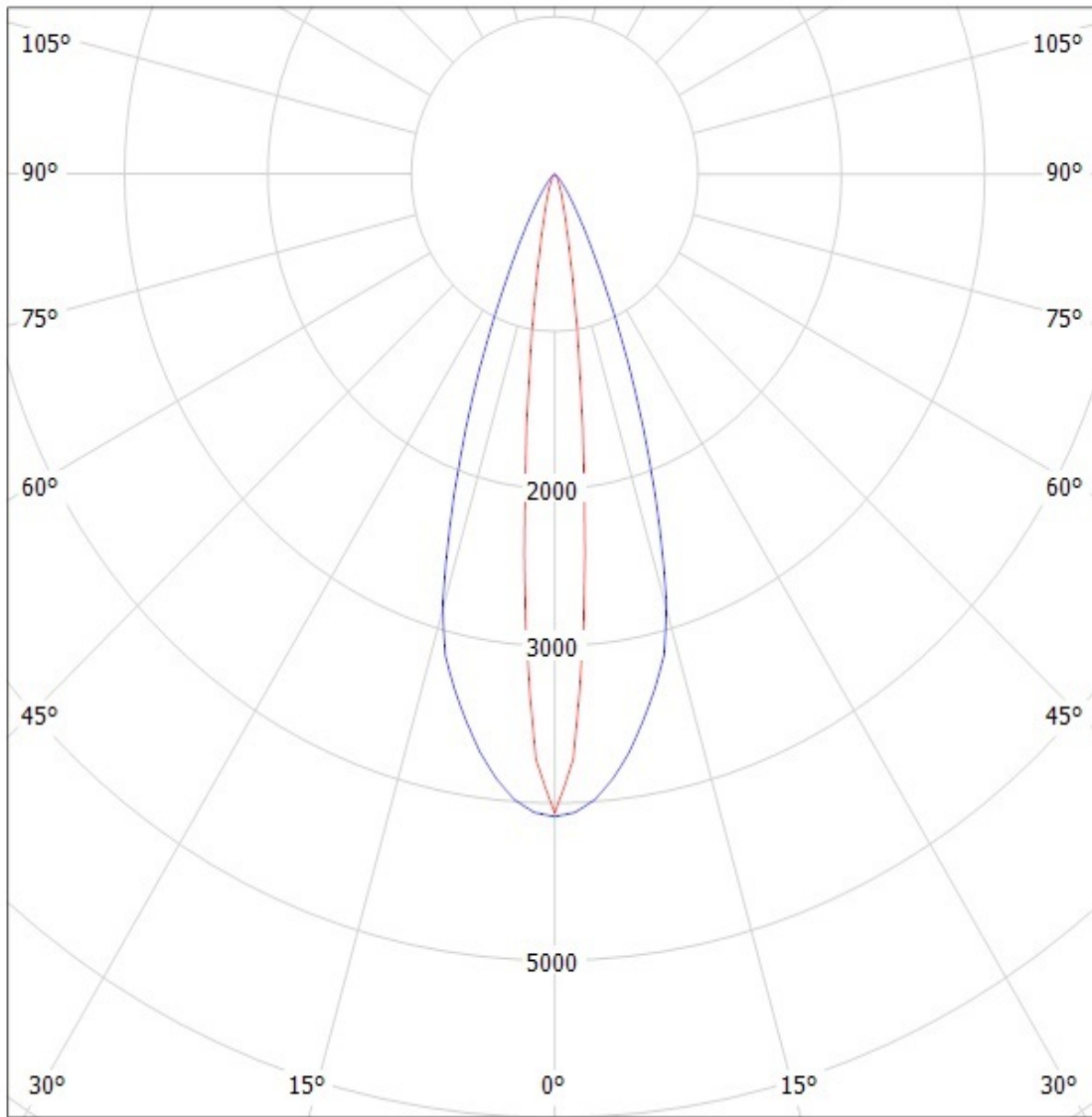
SIMULATED

Luminaire: LEDIL OY FCN11466_LO1-M2 (Osram Golden Dragon +) Efficiency=95%
Lamps: 1 x Osram Golden Dragon (66lm@250mA)



Ledil Oy FA11135_LO2-O-90 FA11135_LO2-O-90 / LDC (Polar)

Luminaire: Ledil Oy FA11135_LO2-O-90 FA11135_LO2-O-90
Lamps: 1 x Osram Os Golden Dragon+ J\B



cd/klm

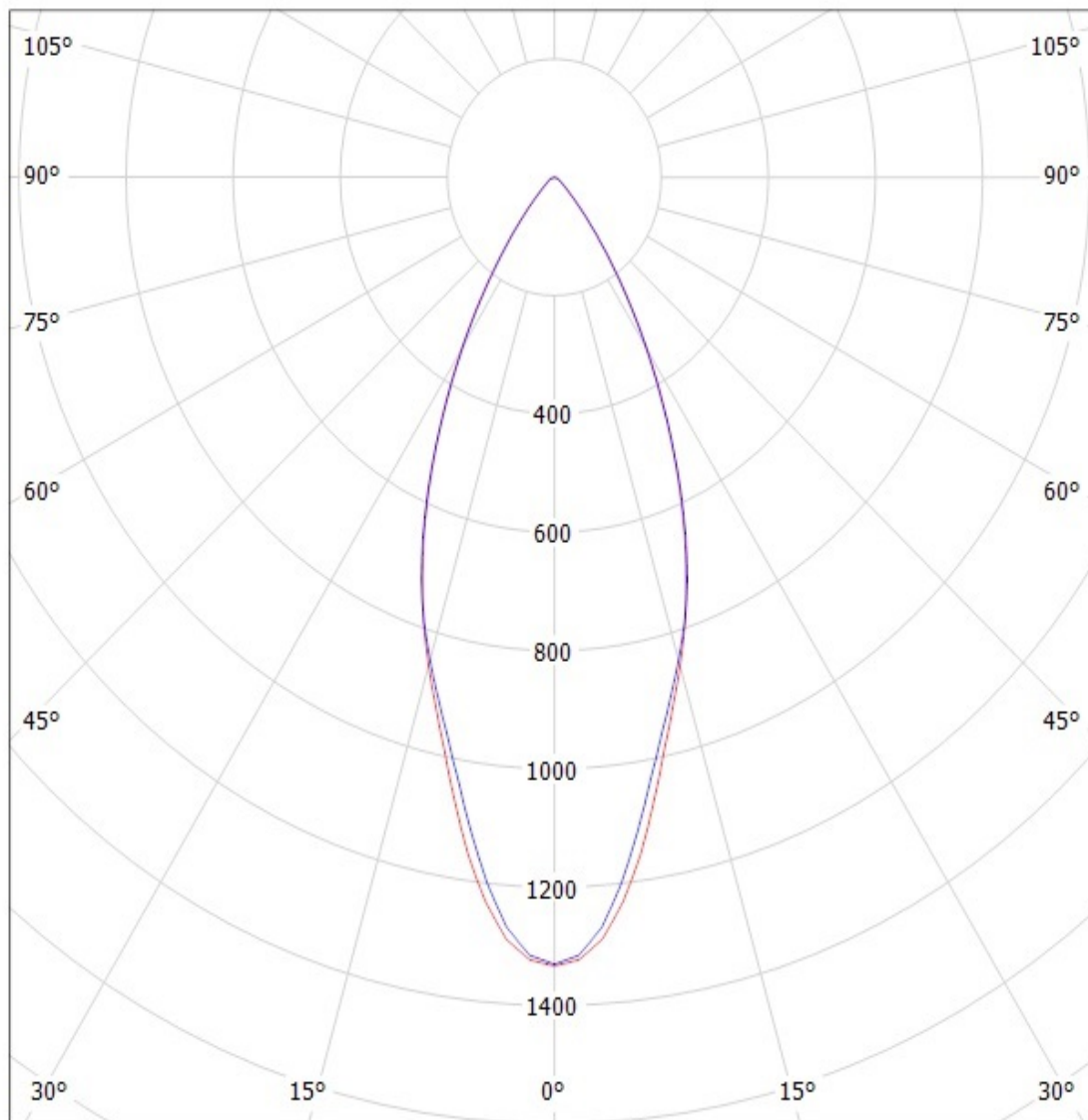
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy CA11136_LO2-W CA11136_LO2-W / LDC (Polar)

Luminaire: Ledil Oy CA11136_LO2-W CA11136_LO2-W

Lamps: 1 x Osram Golden Dragon+ (Wh)



cd/klm

— C0 - C180 — C90 - C270

SIMULATED