

DETAILS

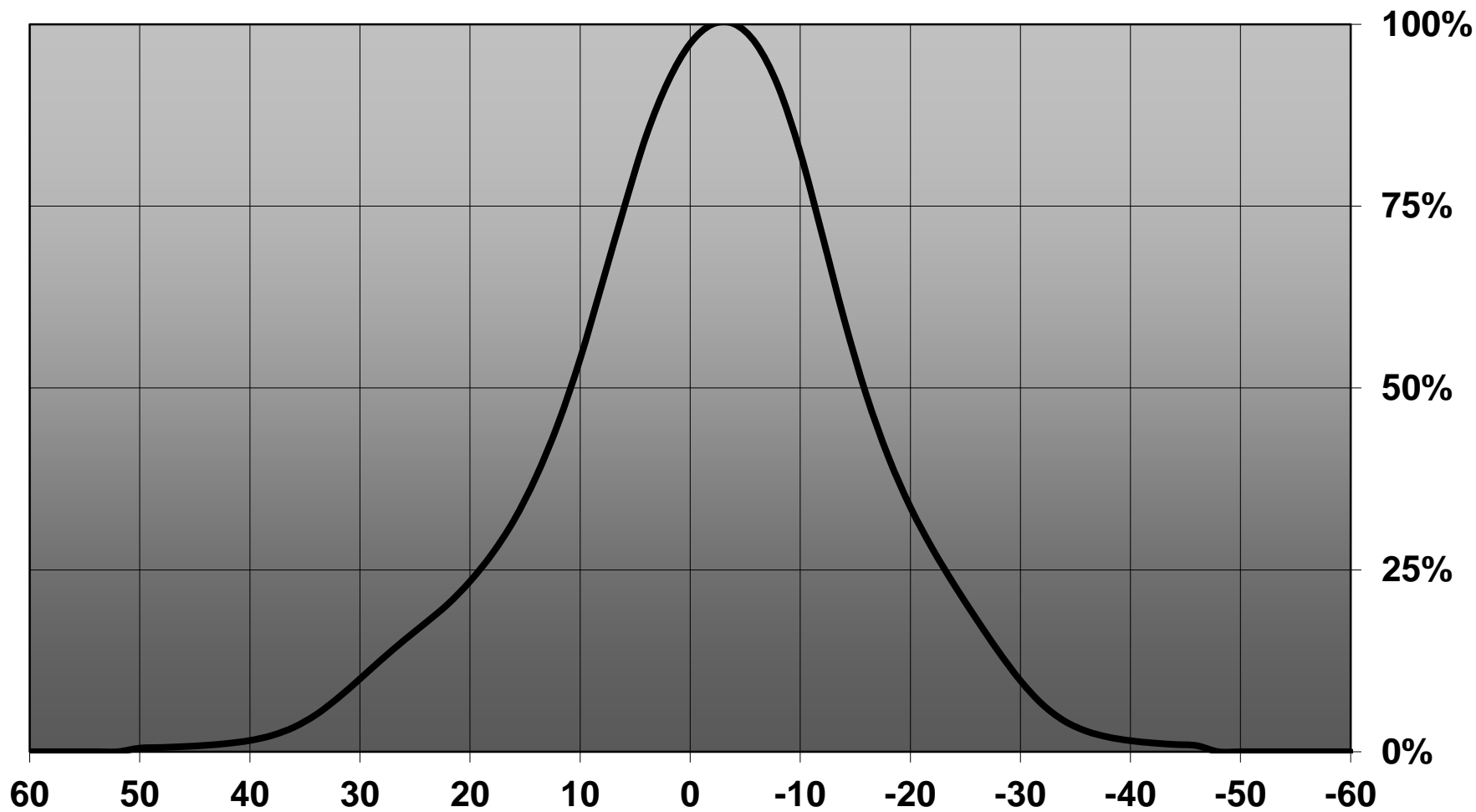
Product Number	FP10996_LISA2-W-PIN
Family	Lisa2
Type	Assembly
Color	black
Diameter	9,9 mm
Height	6,8 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	pin, glue
Status	ready
ROHS Compliant	Yes
Date Updated	25/10/2013



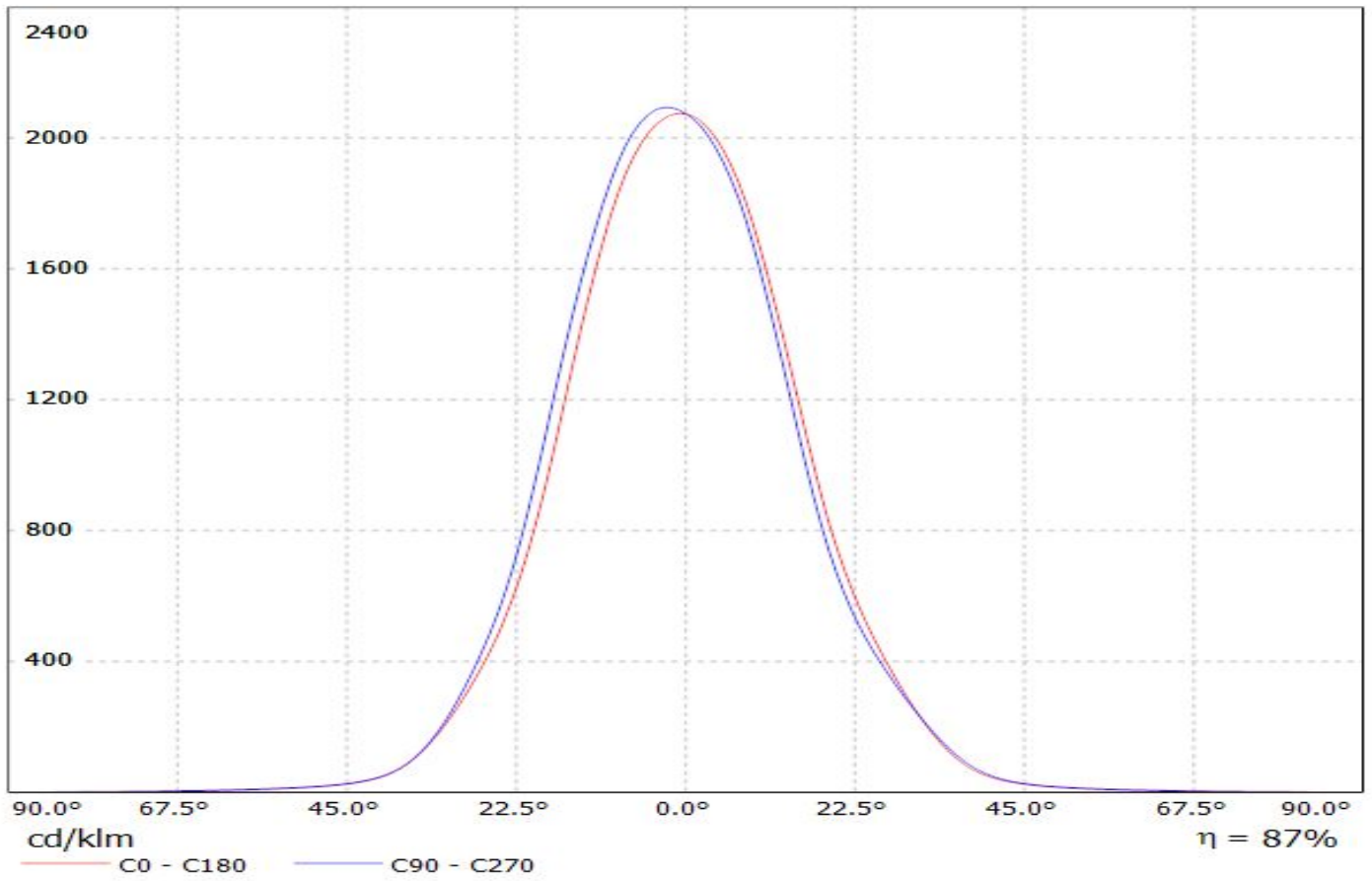
OPTICAL PROPERTIES

LED	Viewing	Light	Effi-		Connector
	Angle	Beam	ciency	cd/lm	
XQ-E	sim: 49	Wide	sim: 90 %	sim: 1.250	-
XQ-E HI	sim: 23	Wide	sim: 89 %	sim: 3.600	-
LUXEON Z	27 deg	Wide	87 %	2.860	-
XB-D	32 deg	Wide	86 %	1.930	-
Luxeon C	34 deg	Wide	88 %	2.100	-
LUXEON Z ES	35 deg	Wide	87 %	2.100	-
XP-E	37 deg	Wide	90 %	1.960	-
Double Dome (GM2BB)	44 deg	Wide	88 %	-	-
LUXEON A	46 deg	Wide	88 %	1.200	-
LUXEON Rebel ES	46 deg	Wide	93 %	sim: 0.000	-
XP-G	48 deg	Wide	92 %	sim: 0.000	-

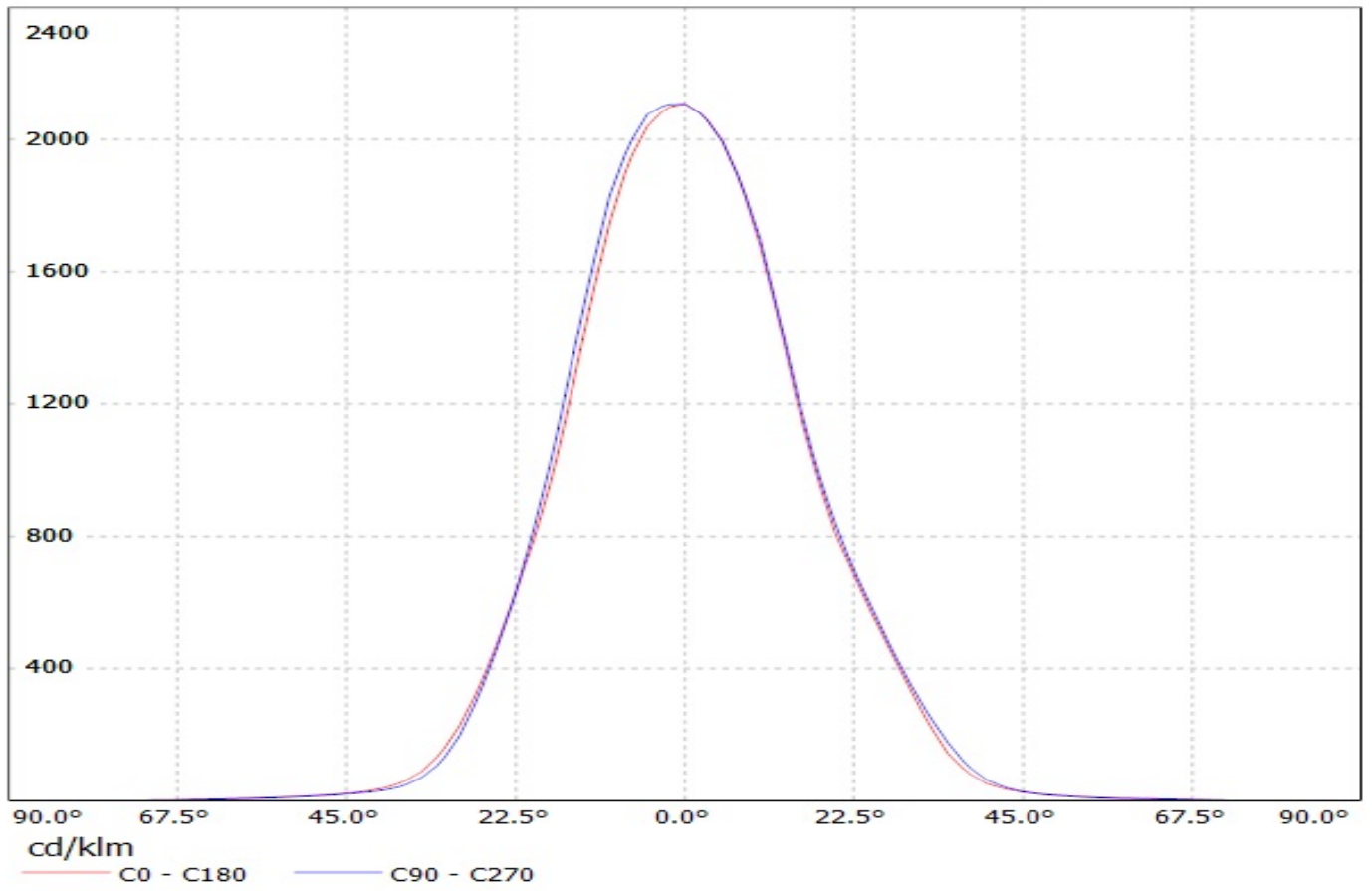
Relative intensity of FP10996_LISA2-W-PIN_(Luxeon Z)



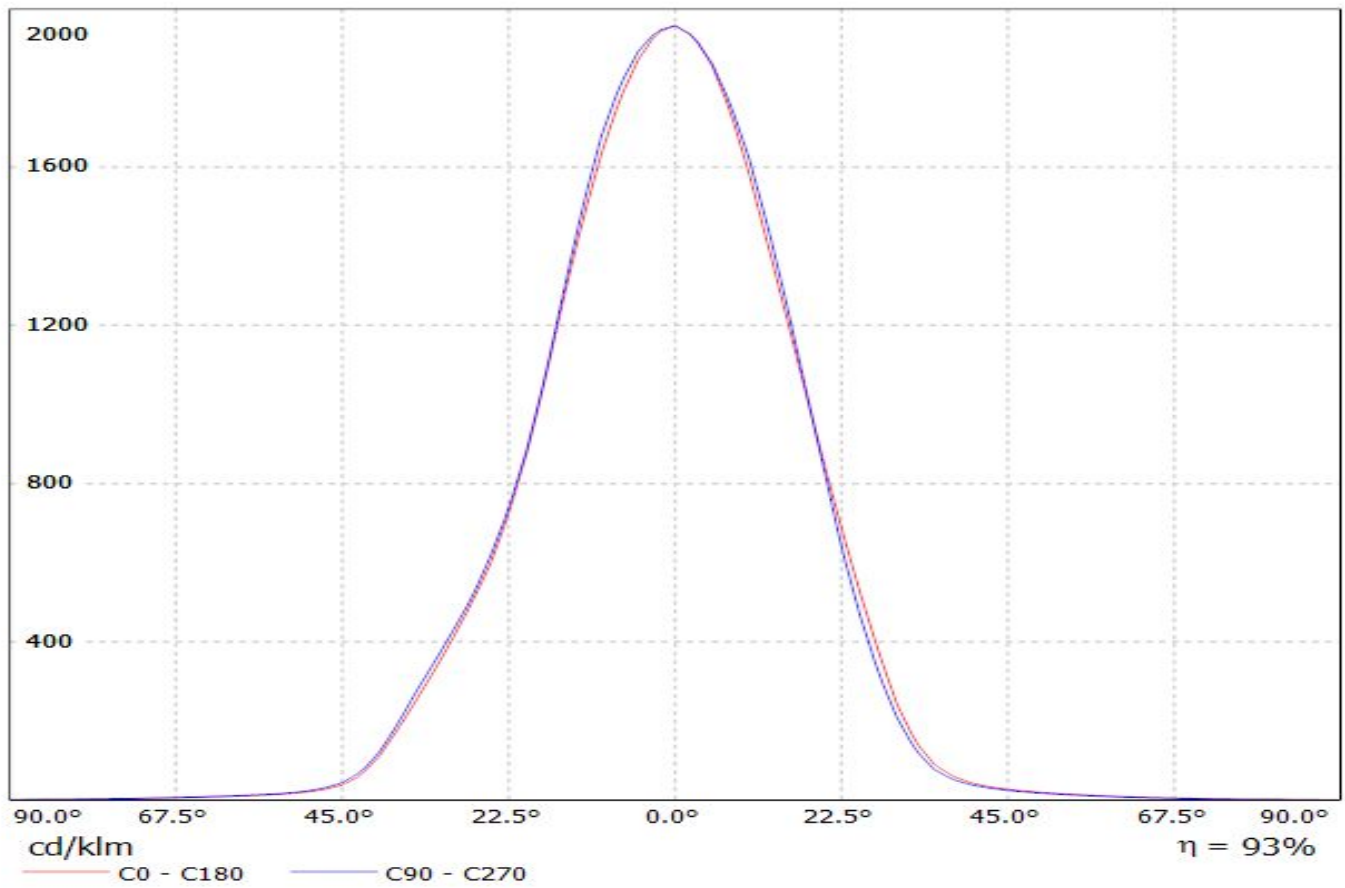
Luminaire: LEDiL Oy FP10996_LISA2-W-PIN_(Luxeon_C_WHITE)
Lamps: 1 x Luxeon_C_WHITE_84.9929lm@250mA_P=0.7402W_I=0.250A



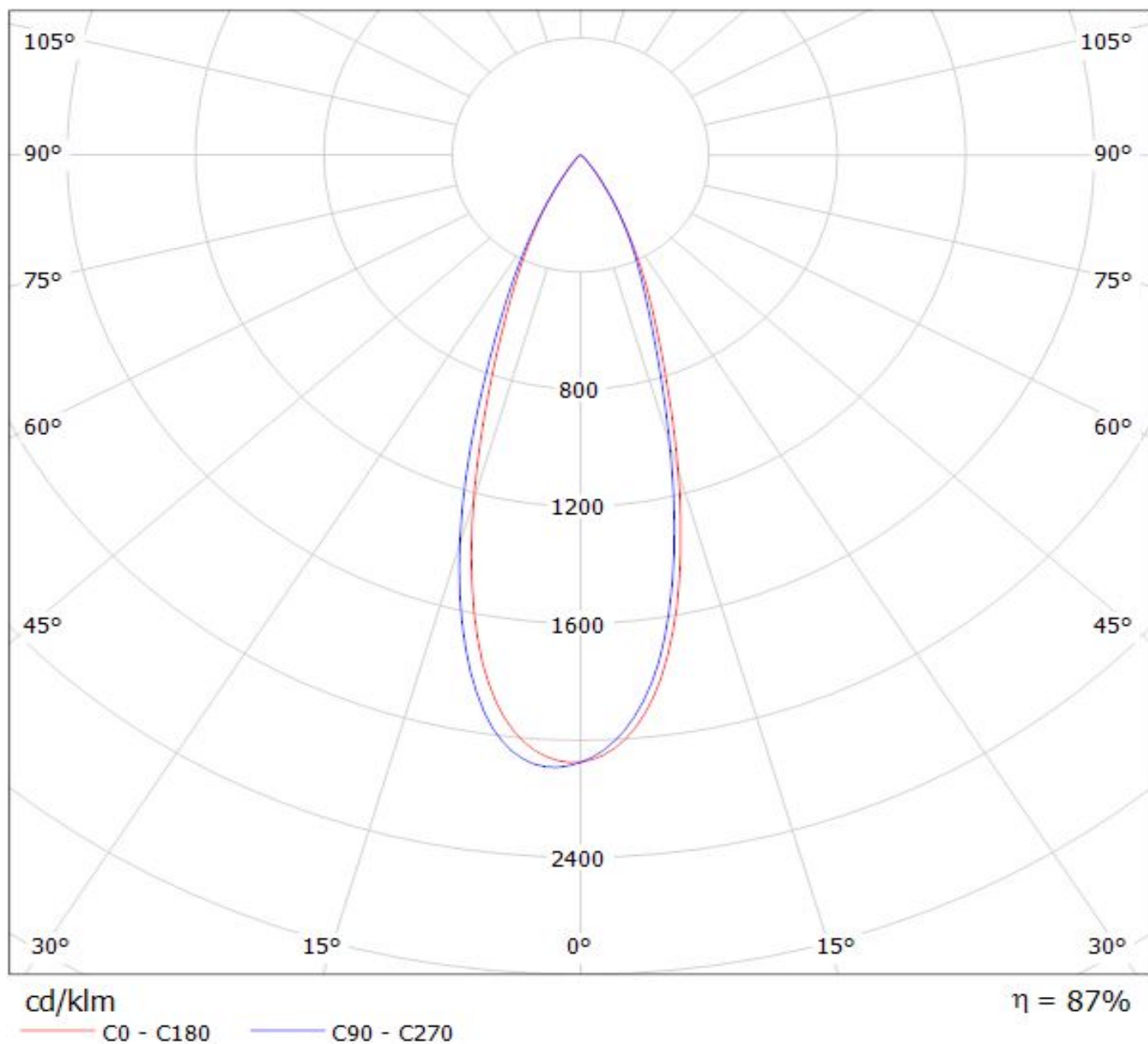
Luminaire: LEDil Oy FP10996_LISA2-W-PIN_(Luxeon_Z_ES) Efficiency=87%
Lamps: 1 x Philips Lumileds Luxeon Z ES (LXZ2-3090) 50.4lm @ 250mA CCT=3200K P=0.7 I=250mA



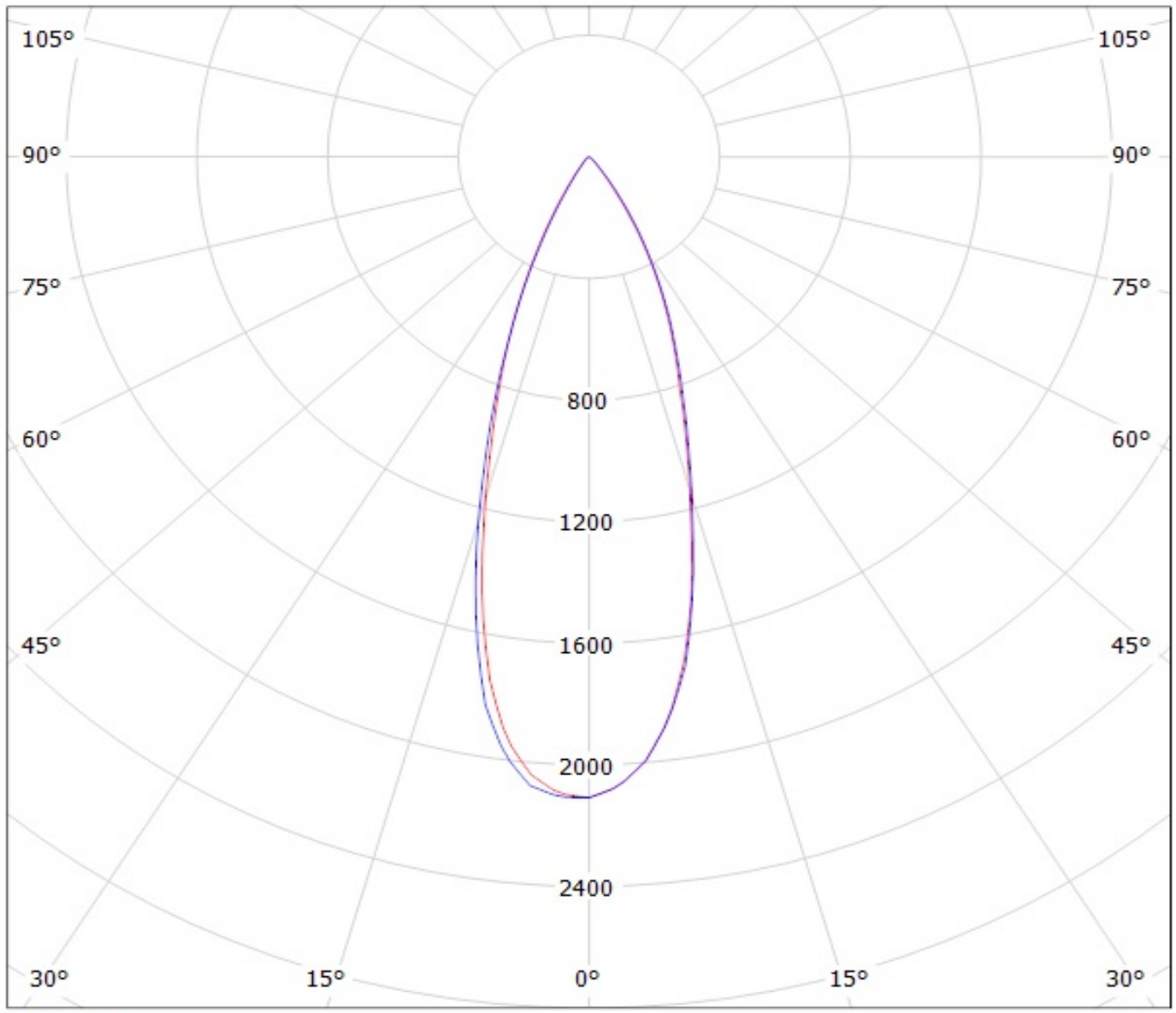
Luminaire: LEDiL Oy FP10996&FP11076_LISA2-W_(XP-E) Eff.93.1%
Lamps: 1 x Cree XP-E (69.4929lm@250mA)



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Lamps: 1 x Luxeon_C_WHITE_84.9929lm@250mA_P=0.7402W_I=0.250A

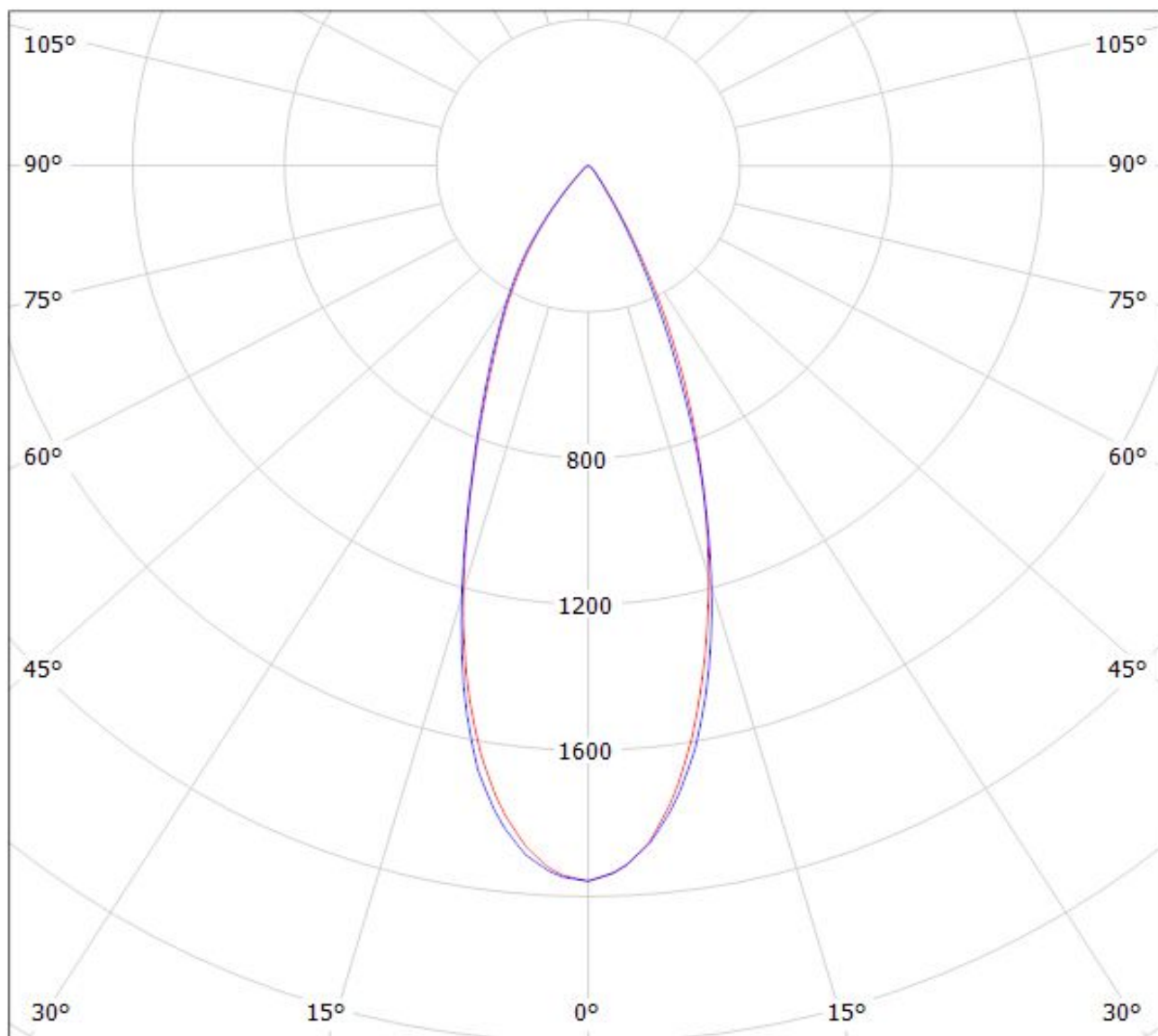


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cd/klm
— C0 - C180 — C90 - C270

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cd/klm

— C0 - C180

— C90 - C270

$\eta = 93\%$

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.