

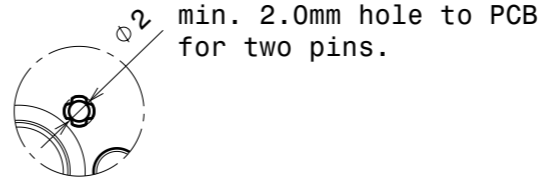
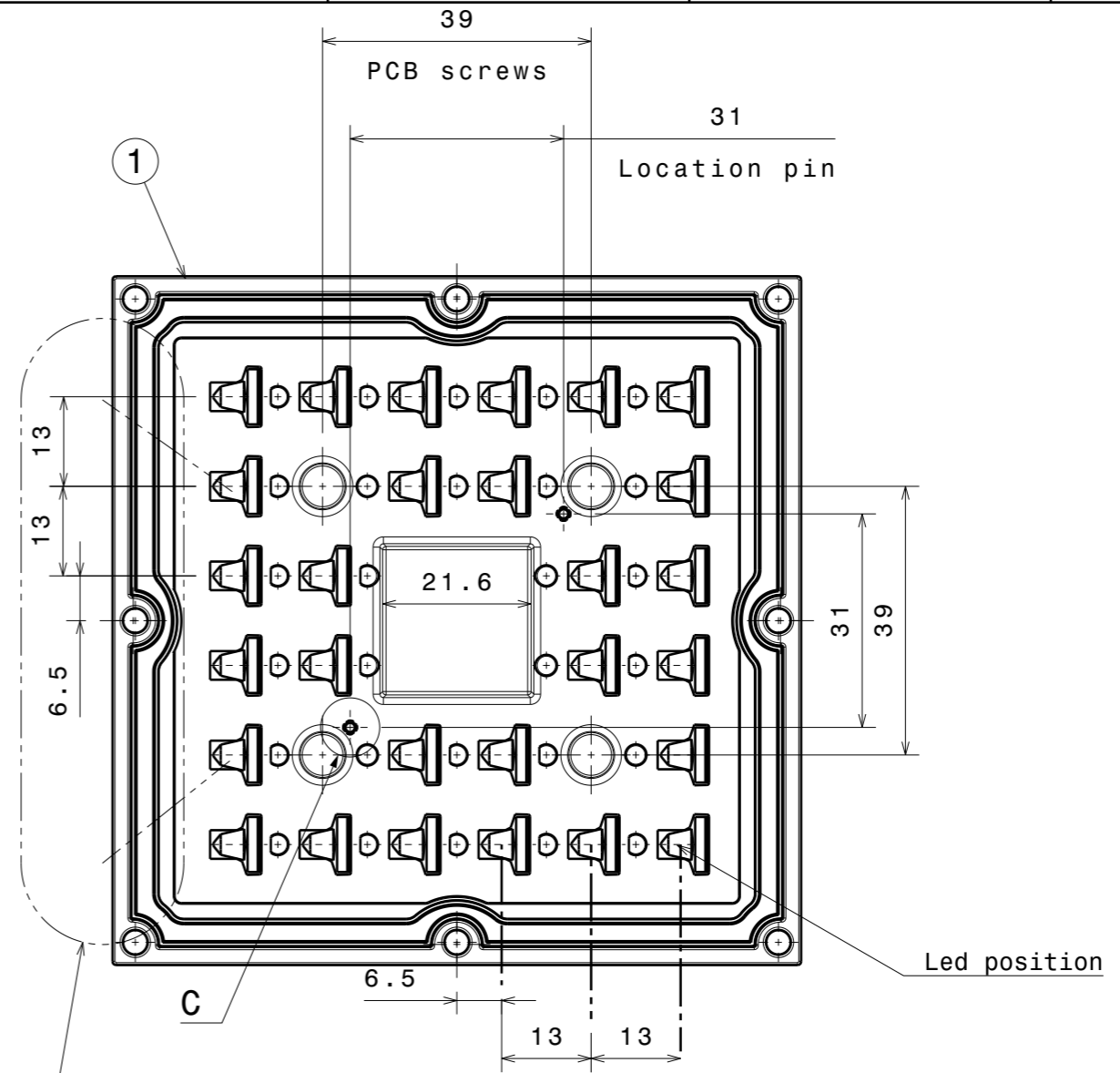
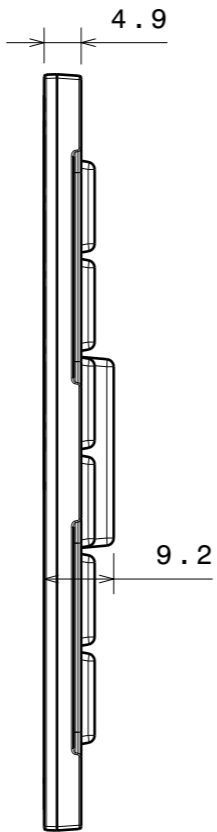
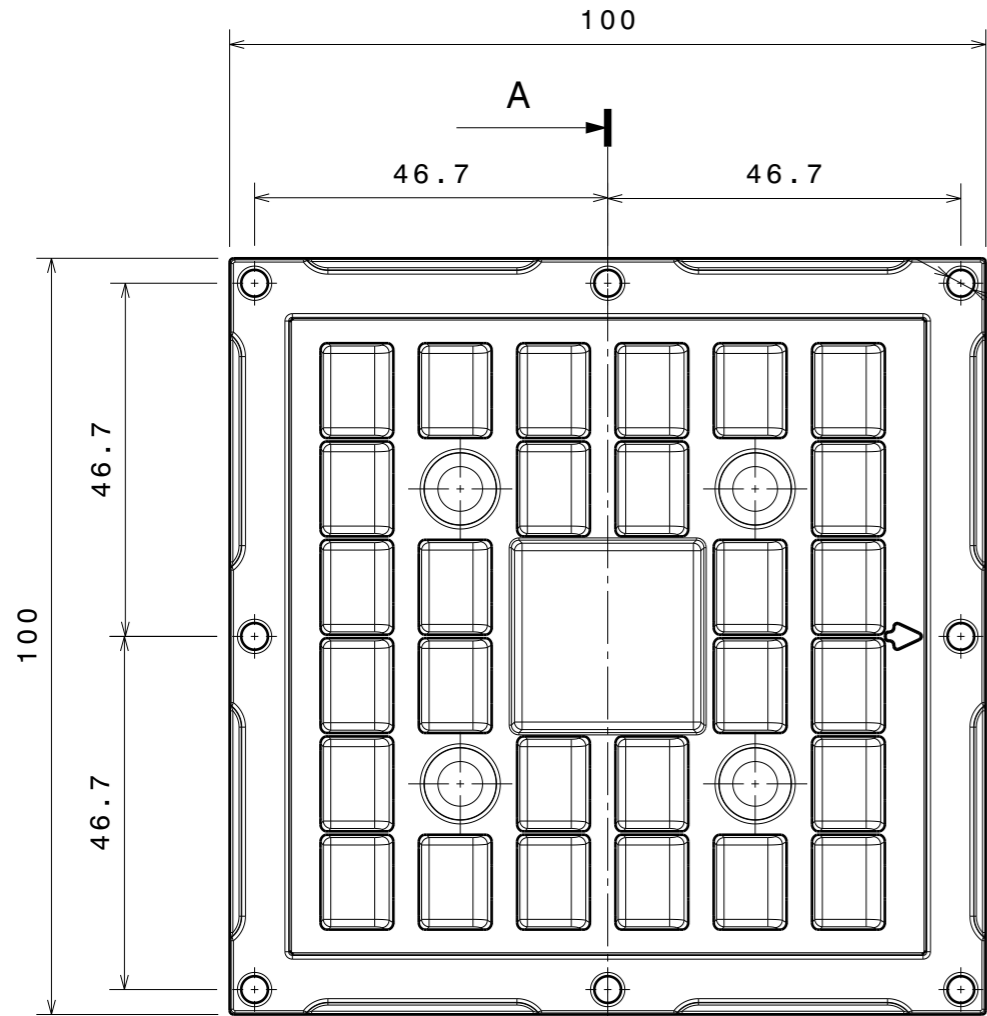
DETAILS

Product Number	CS16104_STRADELLA-IP-28-T3-PC
Family	Stradella
Type	Lens
Color	clear
Diameter	100 x 100 mm
Height	mm
Style	square
Optic Material	PC
Holder Material	
Fastening	pin, screw
Status	production ready
ROHS Compliant	Yes
Date Updated	11/12/2017

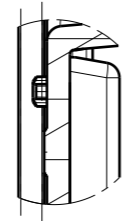


OPTICAL PROPERTIES

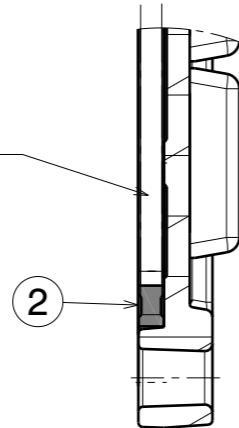
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XT-E	Asymmetric deg	Streetligh...	90 %	0.660	-
XP-G3	sim: Asymmetri	Streetligh...	sim: 88 %	sim: 0.460	-
LUXEON 3030 2D	Asymmetric deg	Streetligh...	91 %	0.880	-
Duris S5 (2 chip)	Asymmetric deg	Streetligh...	91 %	0.770	-



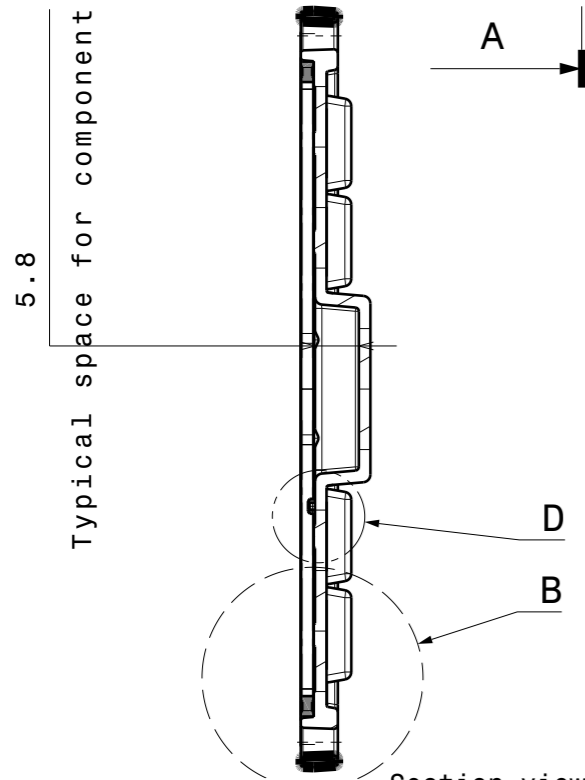
Detail C
Scale: 2:1



Detail D
Scale: 2:1



Detail B
Scale: 2:1



Section view A-A
Scale: 1:1

PCB space inside seal 81x 81mm

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C16103	STRADELLA-IP-28-T3-PC	PC	clear
2	C15900	STRADELLA-28-SEAL	Silicone	

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

FIRST ANGLE PROJECTION:

DRAWING TITLE
CS16104_STRADELLA-IP-28-T3-PC

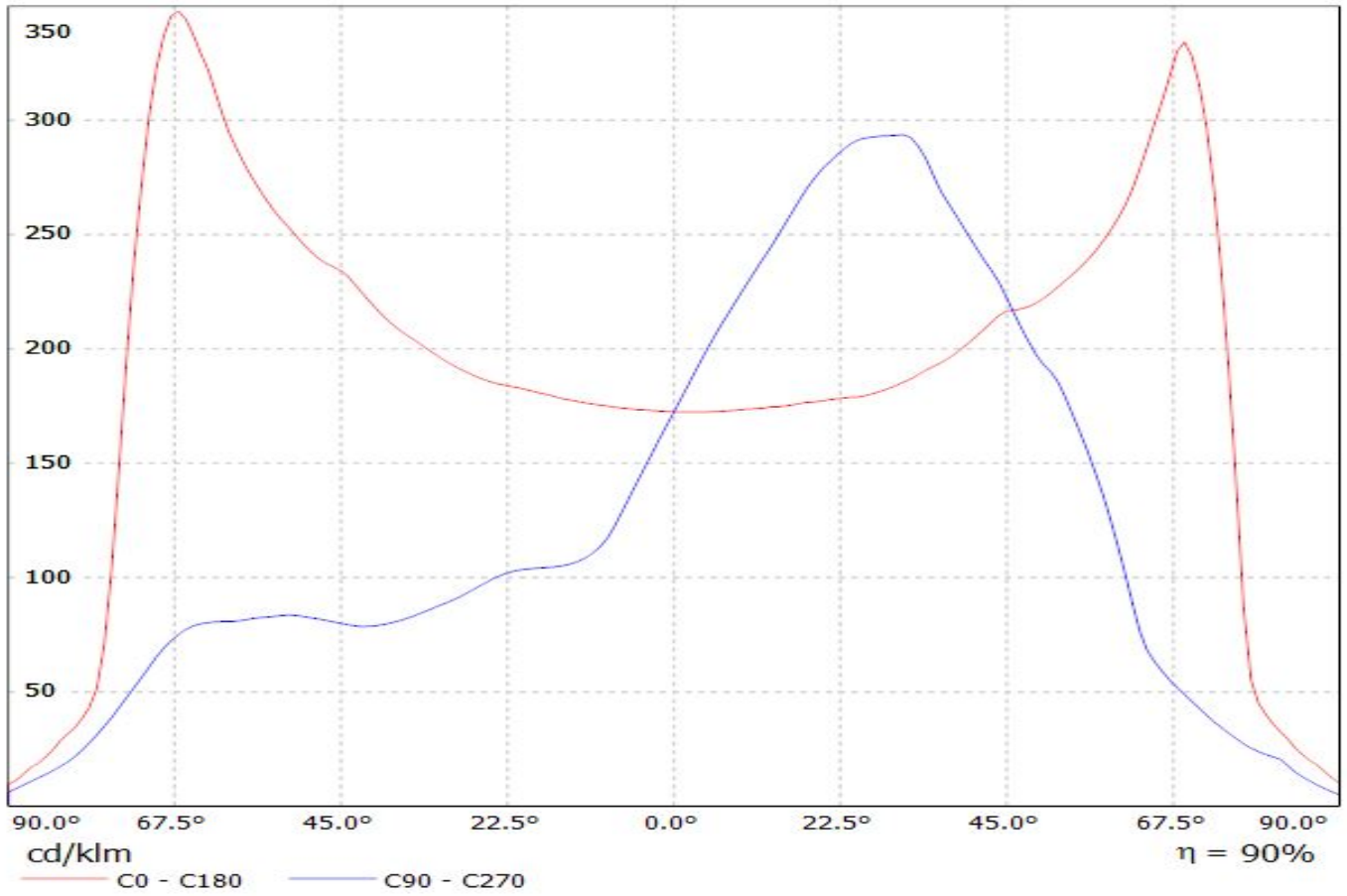
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SIZE: **A3** PART NUMBER: **Mechanical Drawing**

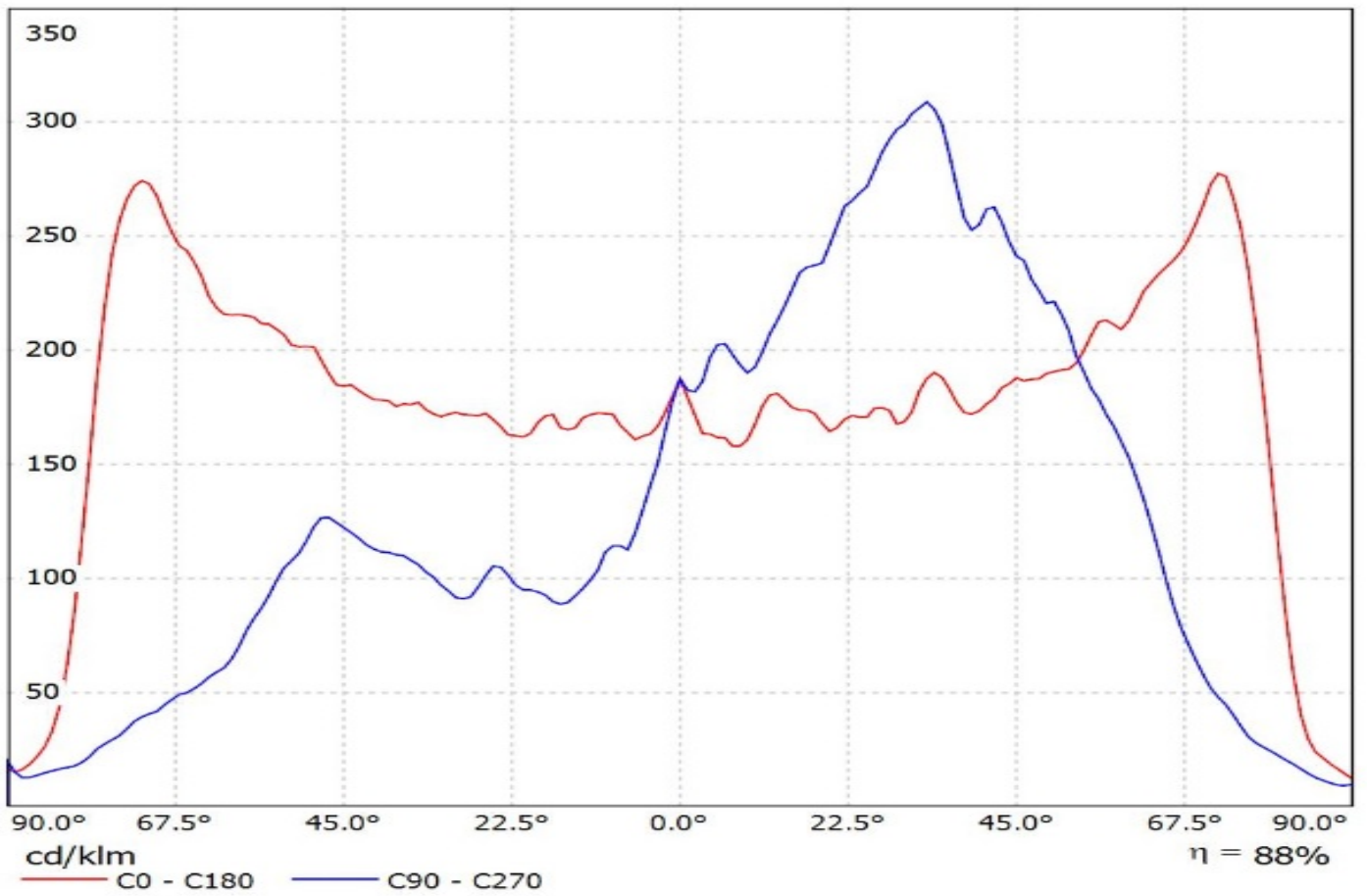
SCALE: 1:1 WEIGHT: SHEET: 1/1

Luminaire: Ledil CS16104_STRADELLA-IP-28-T3-PC_(XT-E)

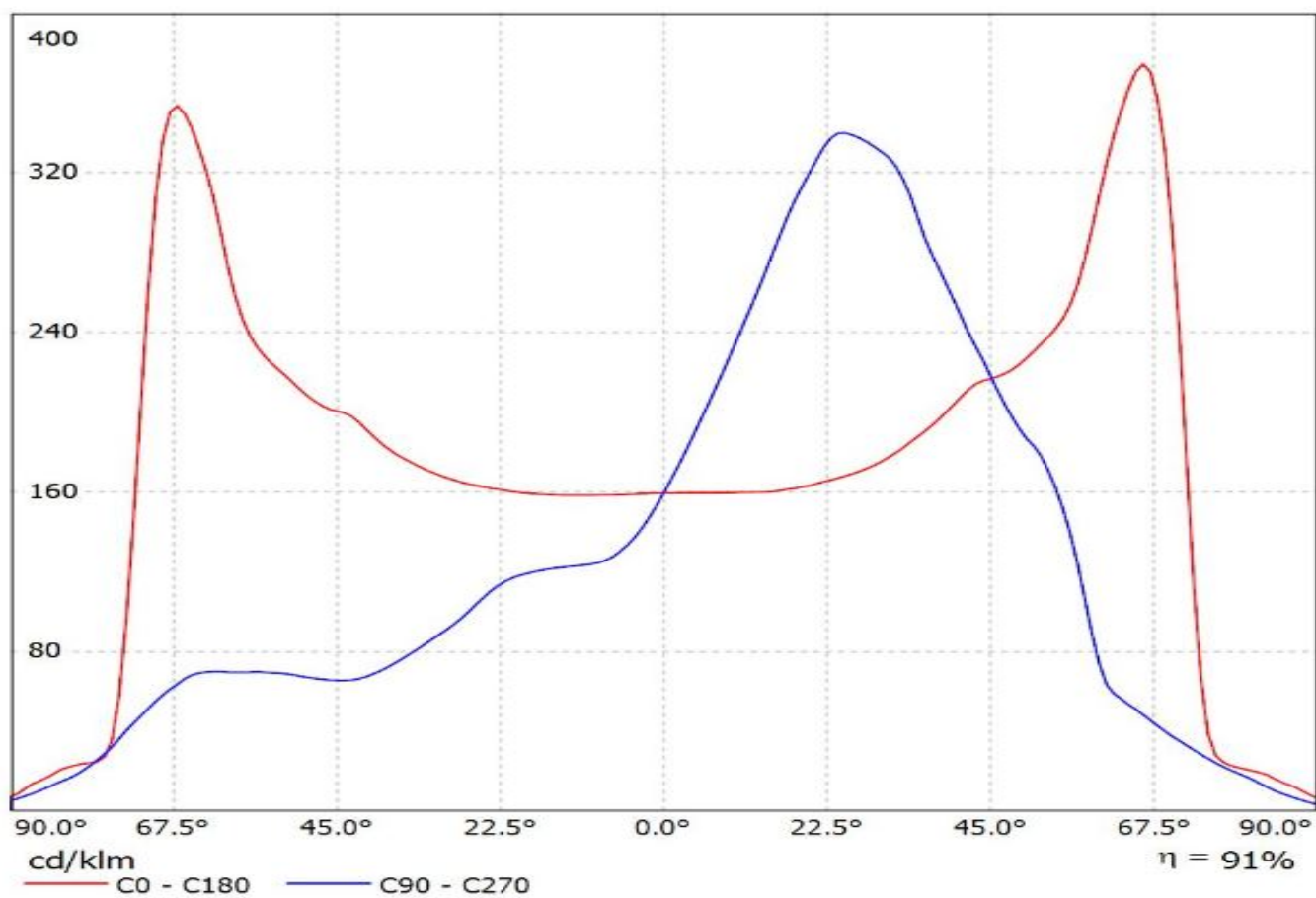
Lamps: 1 x Cree_XT-E_Stradella-28_1802.62lm@250mA_CCT=5700K_P=9.5072W_U=38.110V



Luminaire: Ledil Oy CS16104_STRADELLA-IP-28-T3-PC_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3

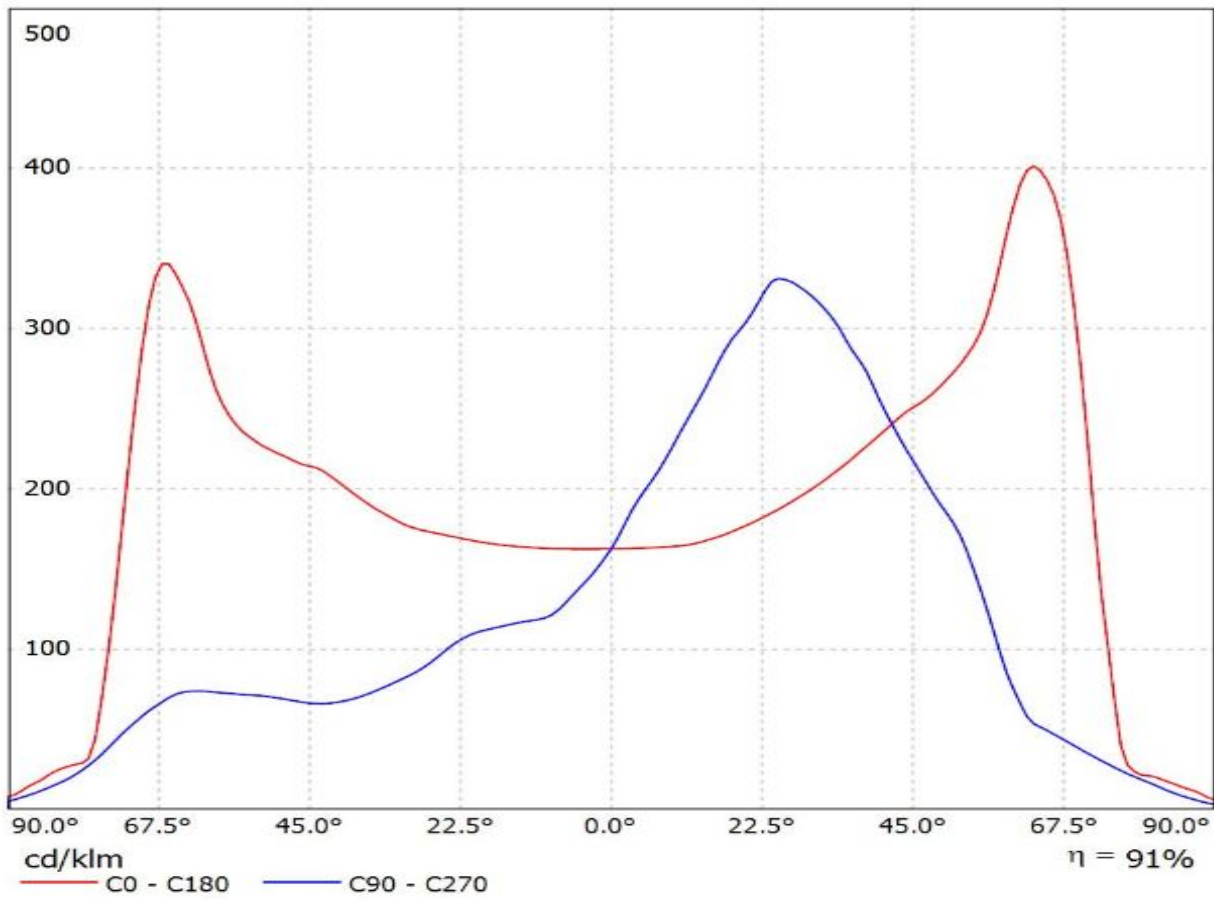


Luminaire: Ledil CS16104_STRADELLA-IP-28-T3-PC_(Luxeon_3030_2D)
Lamps: 1 x Lumileds_Luxeon_3030_2D_1132.31lm@240mA_P=9.57624W_U=39.901V

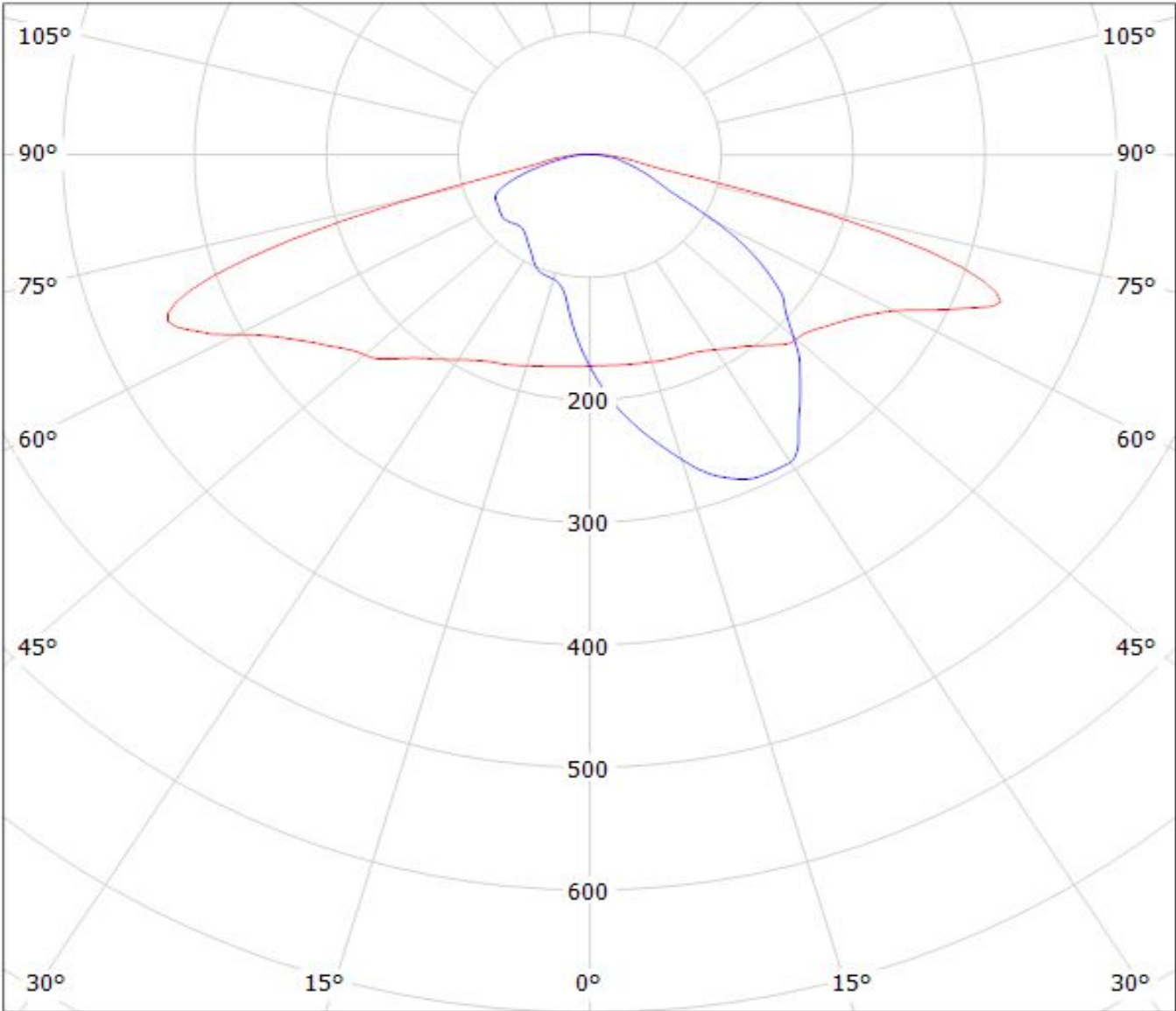


Luminaire: Ledil CS16104_STRADELLA-IP-28-T3-PC_(Duris_S5)

Lamps: 1 x Osram_Duris_S5_Stradella28_(GW_PSLR32.EM-JQJS-A333-1)_786.457lm@250mA_P=4.90979W_I=0.250A



Luminaire: Ledil CS16104_STRADELLA-IP-28-T3-PC_(XT-E)
Lamps: 1 x Cree_XT-E_Stradella-28_1802.62lm@250mA_CCT=5700K_P=9.5072W_U=38.110V

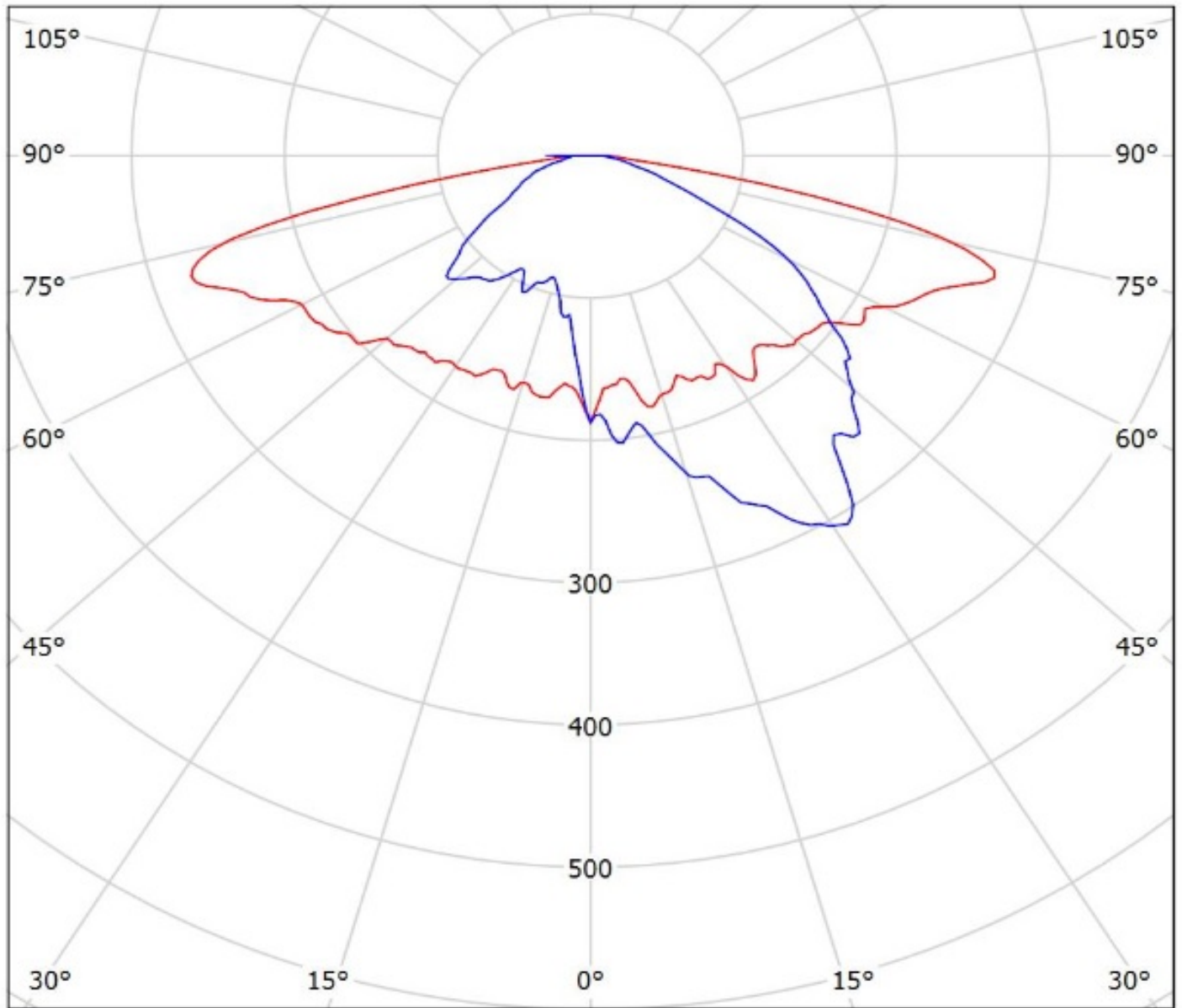


cd/klm

— C0 - C180 — C90 - C270

$\eta = 90\%$

Luminaire: Ledil Oy CS16104_STRADELLA-IP-28-T3-PC_(XP-G3)_SIMULATED
Lamps: 1 x Cree XP-G3

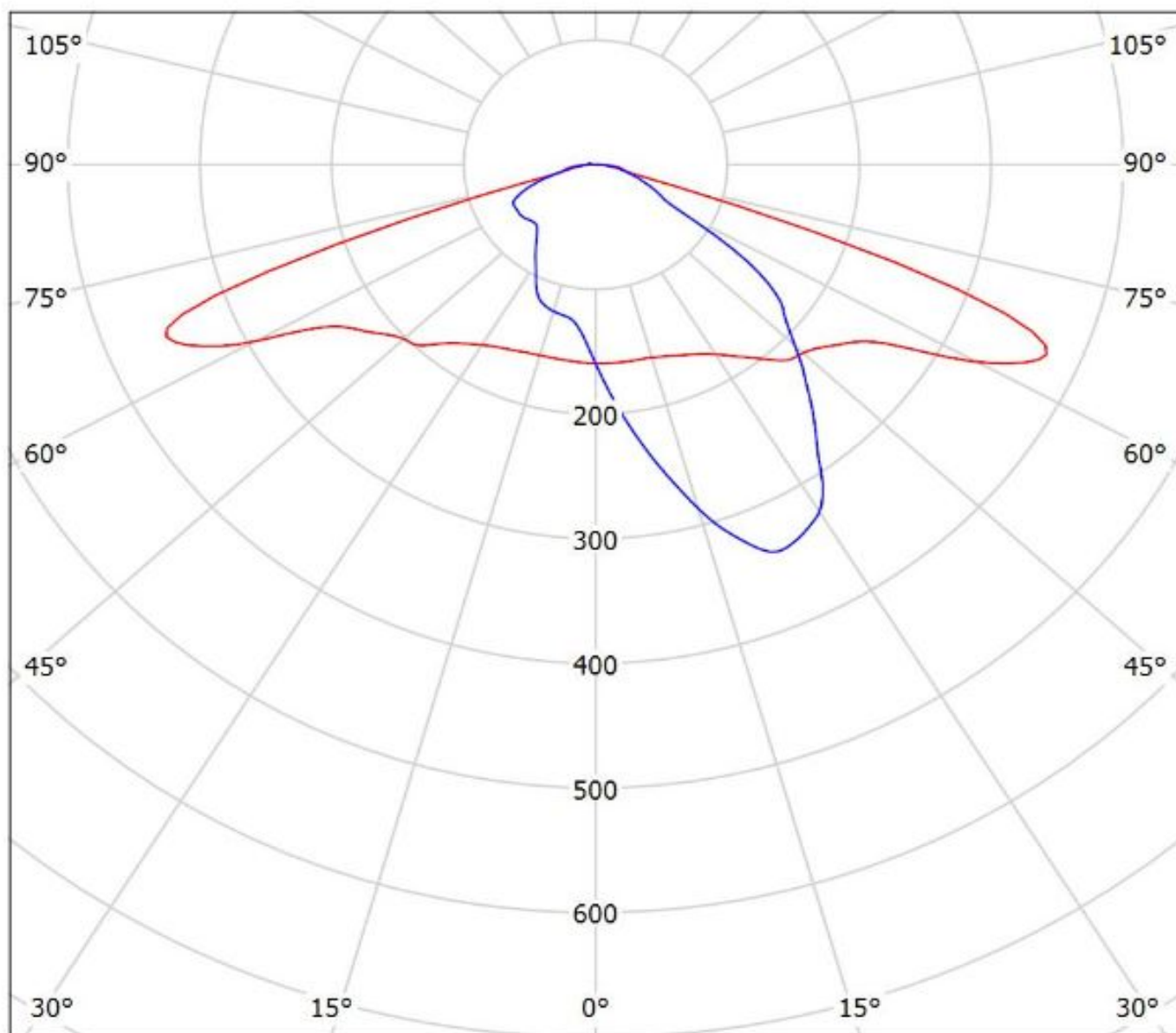


cd/klm
— C0 - C180 — C90 - C270

$\eta = 88\%$

Luminaire: Ledil CS16104_STRADELLA-IP-28-T3-PC_(Luxeon_3030_2D)

Lamps: 1 x Lumileds_Luxeon_3030_2D_1132.31lm@240mA_P=9.57624W_U=39.901V



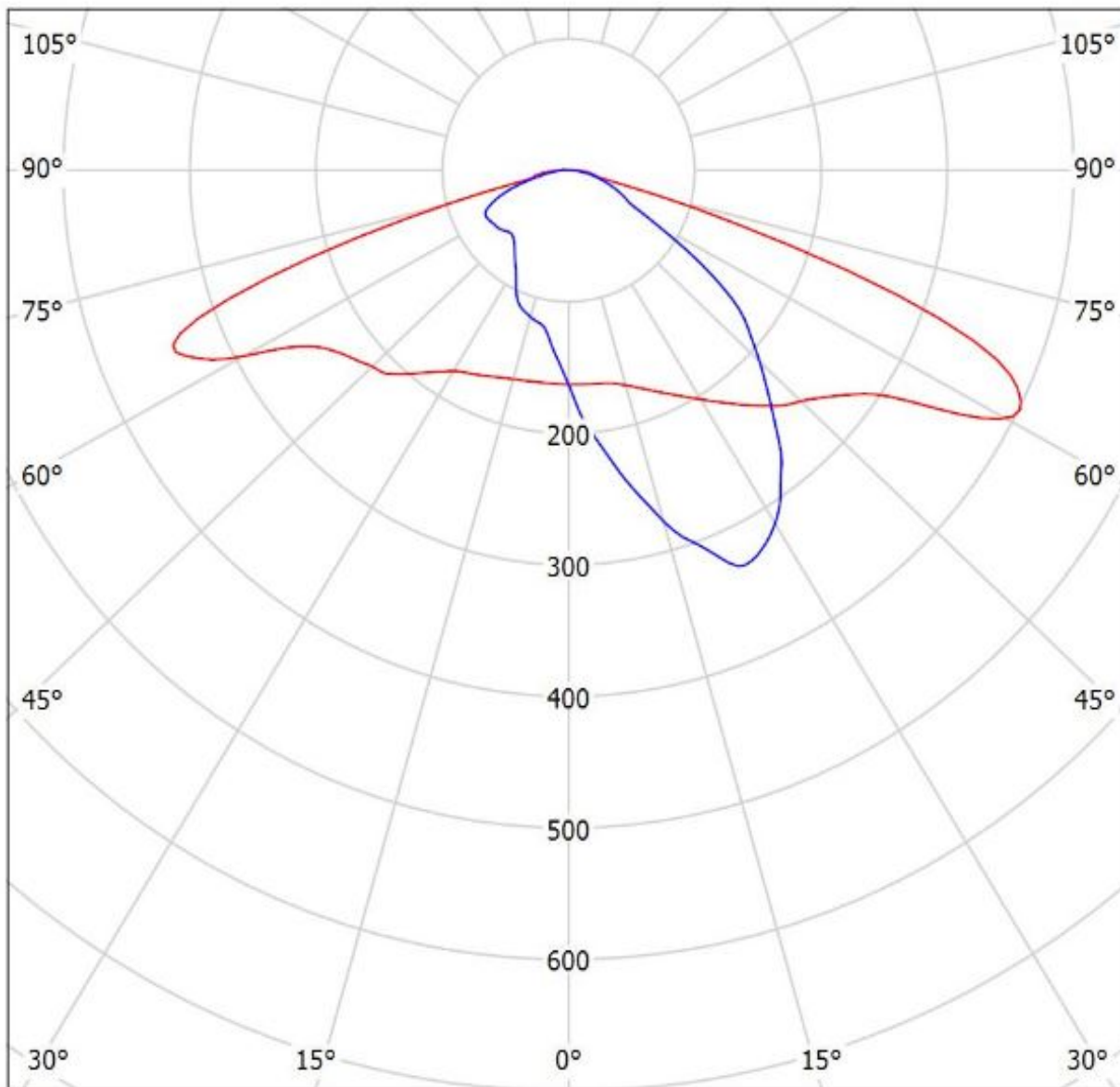
cd/klm

— C0 - C180 — C90 - C270

$\eta = 91\%$

Luminaire: Ledil CS16104_STRADELLA-IP-28-T3-PC_(Duris_S5)

Lamps: 1 x Osram_Duris_S5_Stradella28_(GW_PSLR32.EM-JQJS-A333-1)_786.457lm@250mA_P=4.90979W_η=0.250A



cd/klm

— C0 - C180 — C90 - C270

η = 91%

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.