



PRODUCT DATASHEET

Stella series

last update 12/2/2018

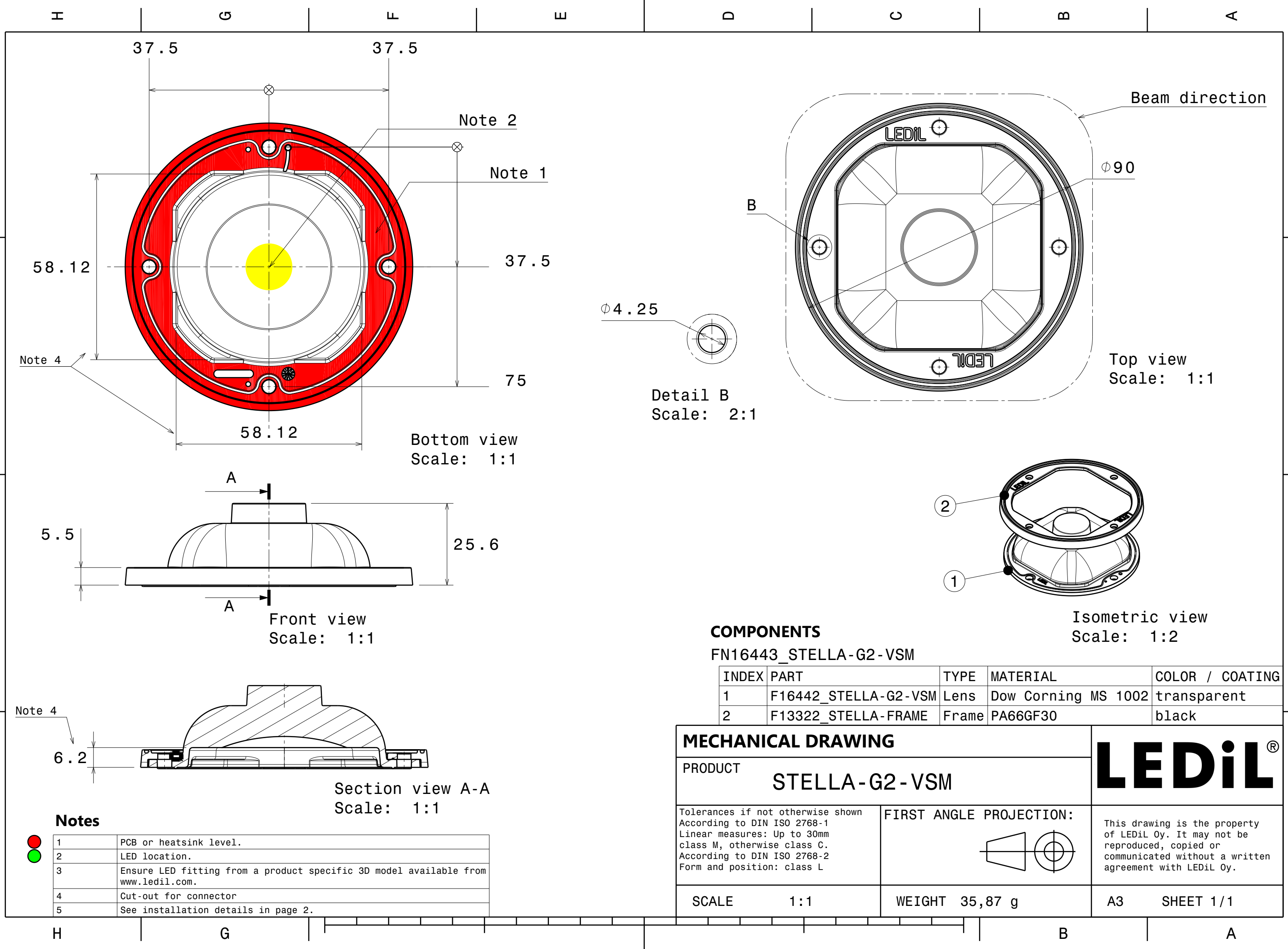
DETAILS

Product Number	FN16443_STELLA-G2-VSM
Family	Stella
Type	Assembly
Color	black
Diameter	90 mm
Height	25,60 mm
Style	round
Optic Material	Silicone
Holder Material	
Fastening	screw, socket
Status	production ready
ROHS Compliant	Yes
Date Updated	12/02/2018



OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
VERO18	Asymmetric deg	Streetligh...	91 %	0.330	-
CLL04x/CLU04x	Asymmetric deg	Streetligh...	90 %	0.280	-
LUXEON CoB 1211	Asymmetric deg	Streetligh...	91 %	0.320	Bender Wirth: 431 Typ L3



COMPONENTS

FN16443_STELLA-G2-VSM

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	F16442_STELLA-G2-VSM	Lens	Dow Corning MS 1002	transparent
2	F13322_STELLA-FRAME	Frame	PA66GF30	black

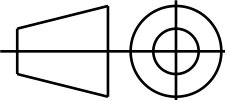
MECHANICAL DRAWING

PRODUCT

STELLA-G2-VSM

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

FIRST ANGLE PROJECTION:



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of LEDiL Oy. It may not be
reproduced, copied or
communicated without a written
agreement with LEDiL Oy.

SCALE

1:1

WEIGHT 35,87 g

A3

SHEET 1/1

LEDiL®

4

3

2

1

4

3

2

1

Use washer with screw if possible

Recommended max. torque
for screw fixing: 0.40Nm

CONNECTOR

LED geometry for
reference only

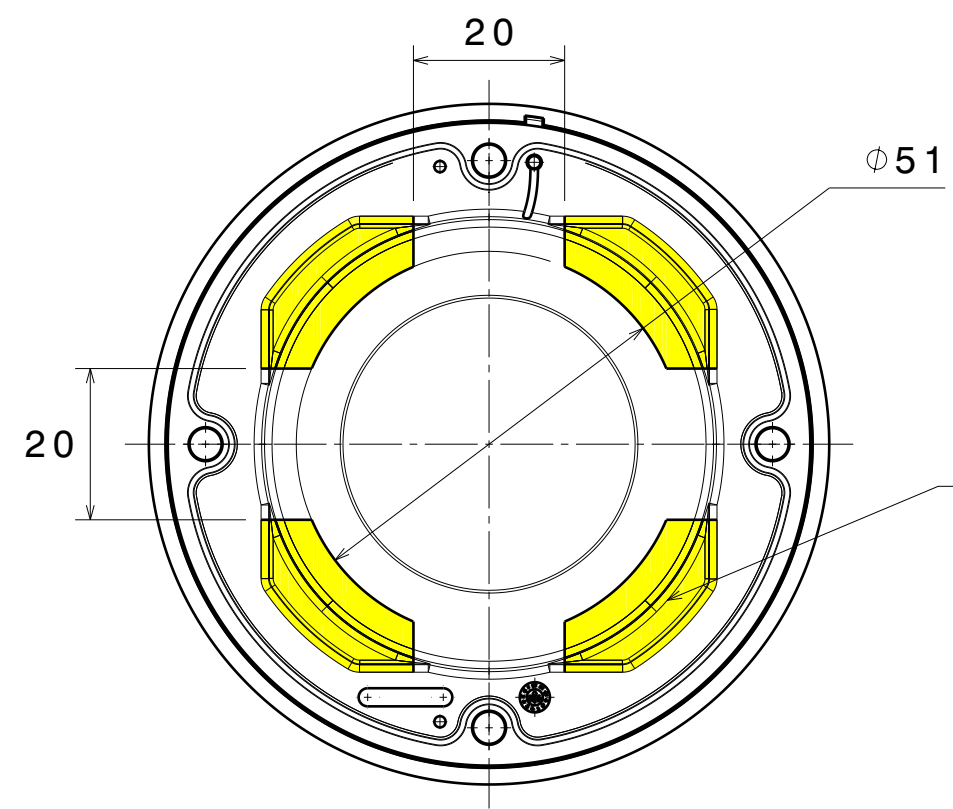
LED

Connector geometry
for reference only

Isometric view
Scale: 1:1

FRAME

LENS

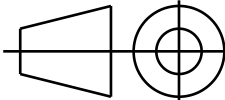


*Recommended inlet
area for wiring (yellow area)

Bottom view
Scale 1:1

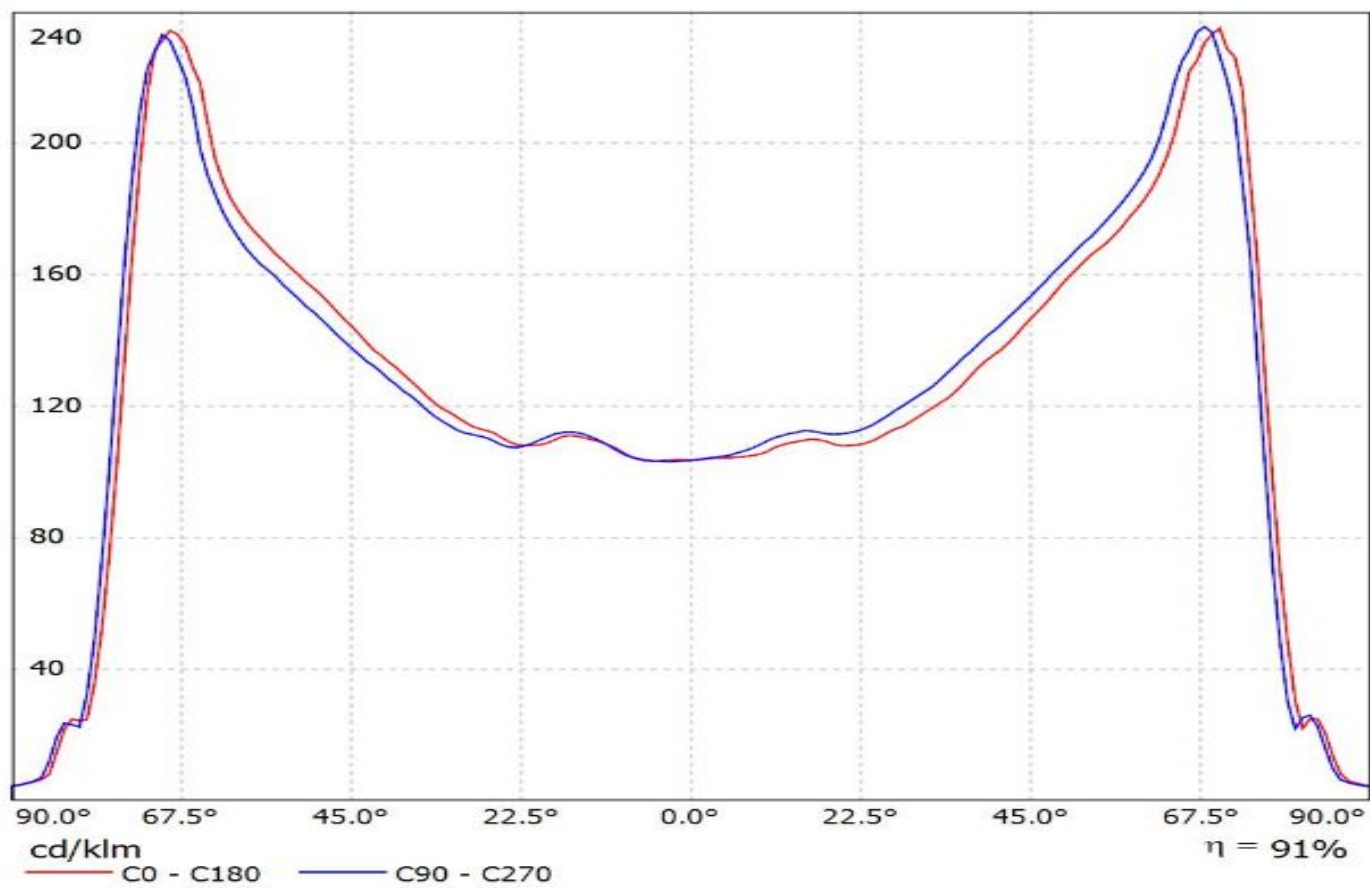
Notes

*Check suitability and design requirements
with the connector model used
For more details about installation please check
LEDiL Installation Guide on www.ledil.com

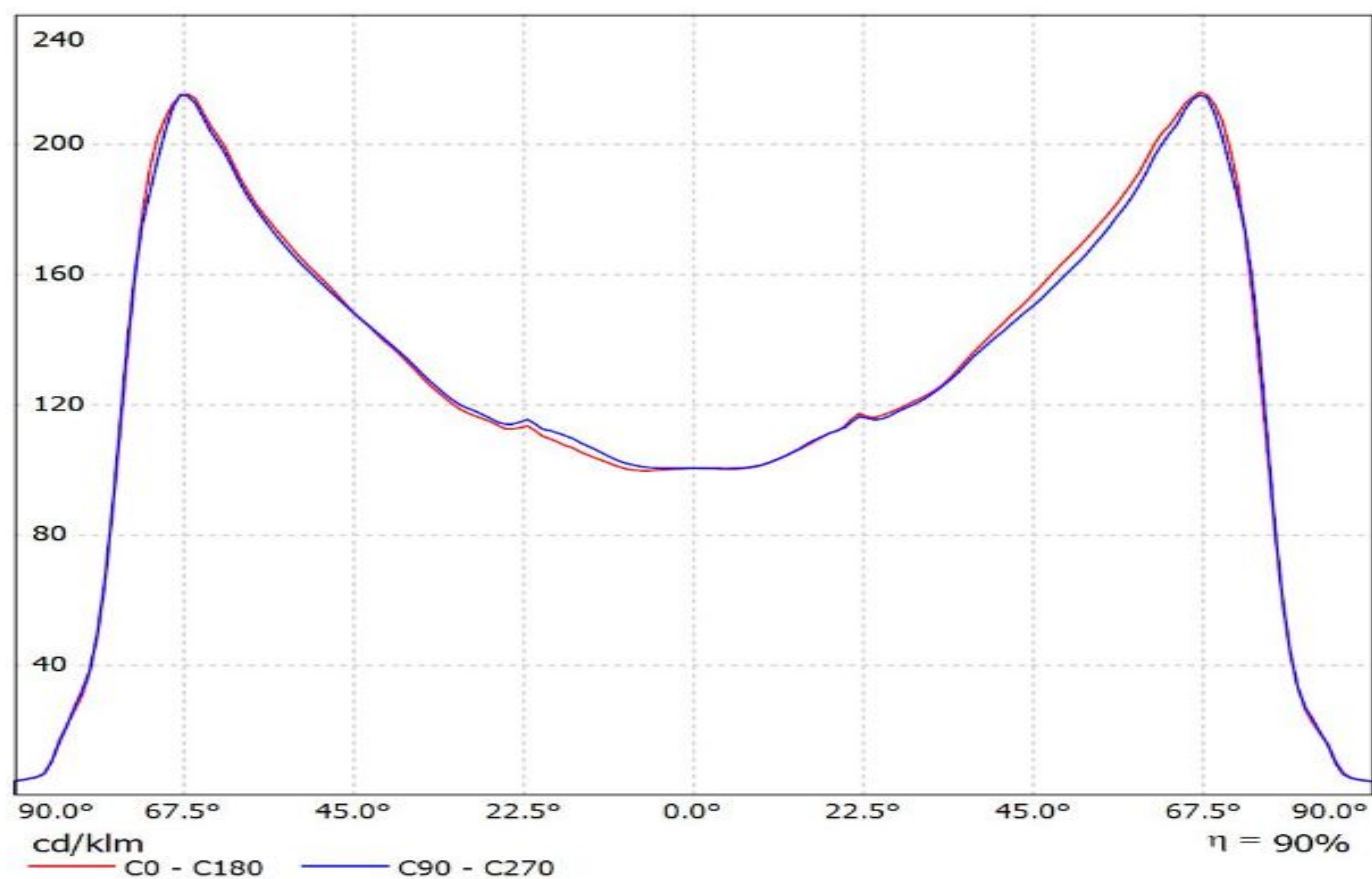
MECHANICAL DRAWING		LEDiL®
PRODUCT STELLA-G2 - VSM		
Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class C. According to DIN ISO 2768-2 Form and position: class L	FIRST ANGLE PROJECTION: 	This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.
SCALE 1:1	WEIGHT 35,87 g	A3 SHEET 1/1

Luminaire: Ledil FN16443_STELLA-G2-VSM_(Vero18)

Lamps: 1 x Bridgelux_Vero18_(30E4000F2)_1038.15lm@250mA_P=6.7488W_U=27.004V



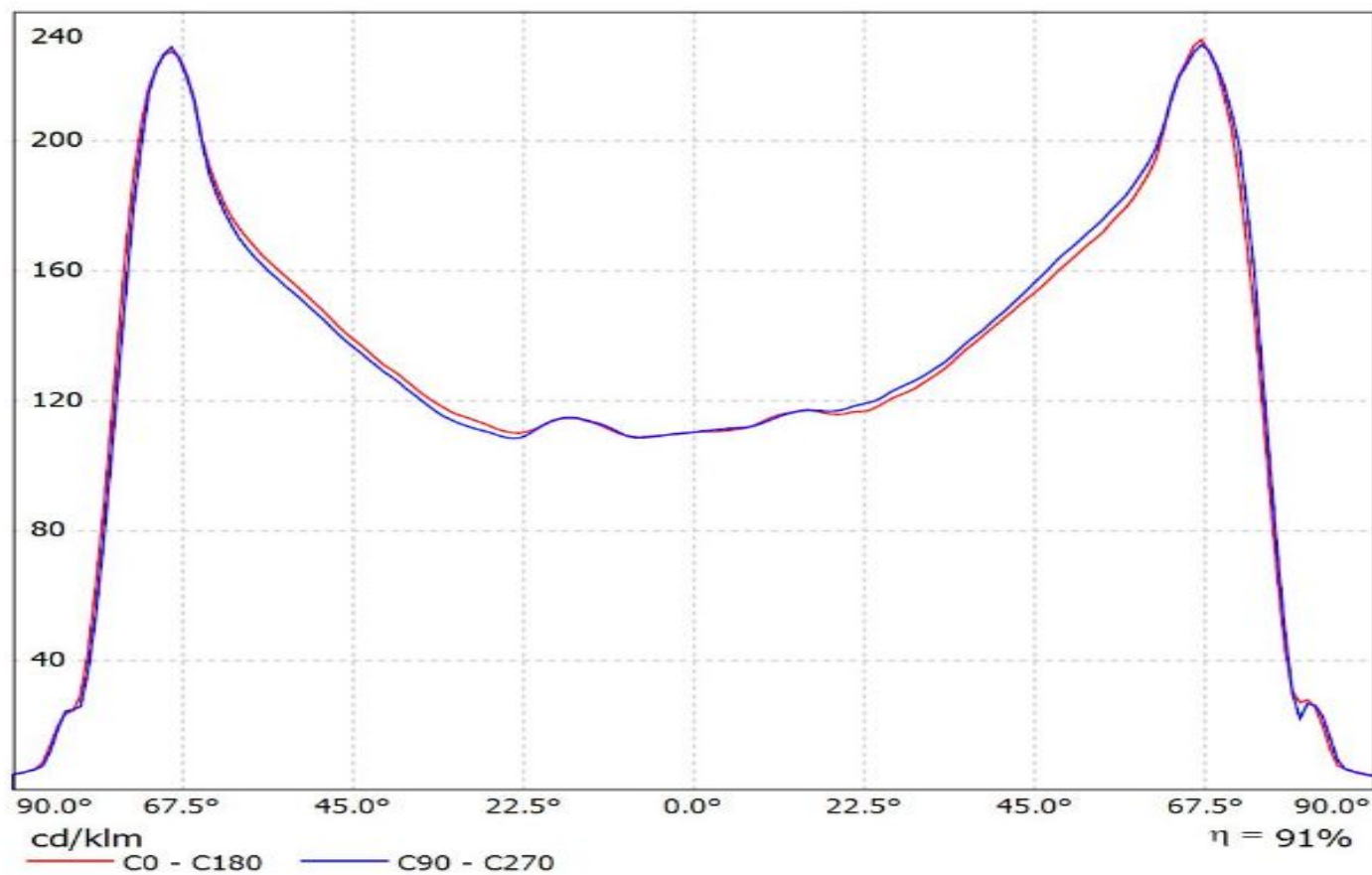
Luminaire: LEDiL Oy FN16443_STELLA-G2-VSM_(CLU048)
Lamps: 1 x Citizen_CLU048_(1818C4-403H5K2)
_1800.23lm@250mA_CCT=4000K_P=11.9062W_U=47.658V



Luminaire: LEDiL Oy FN16443_STELLA-G2-VSM_(LUXEON_1211_+BW)

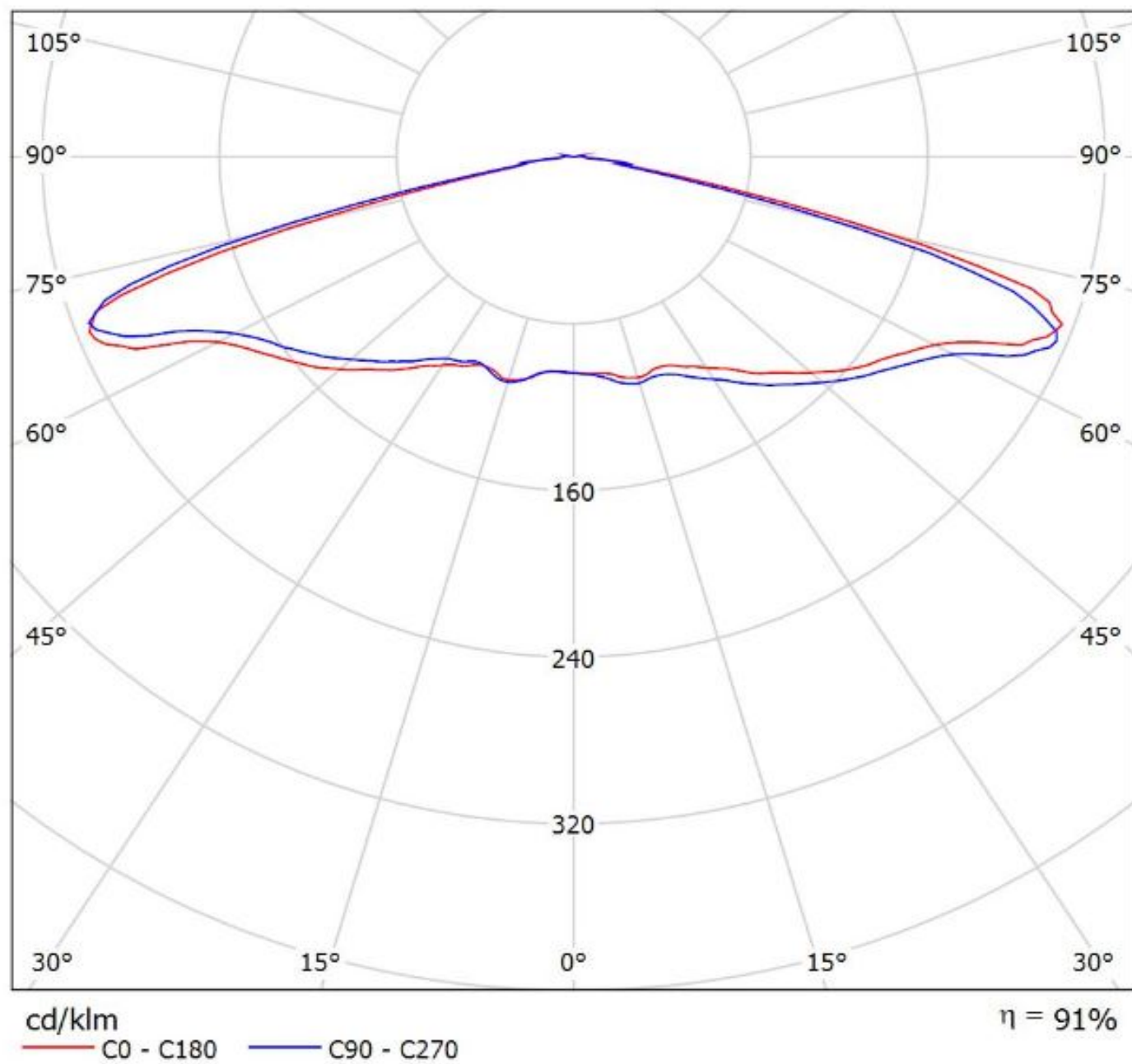
Lamps: 1 x

Lumileds_LUXEON_1211_Bender+Wirth431TypL3_882.333lm@250mA_P=8.03429W_U=32.15V

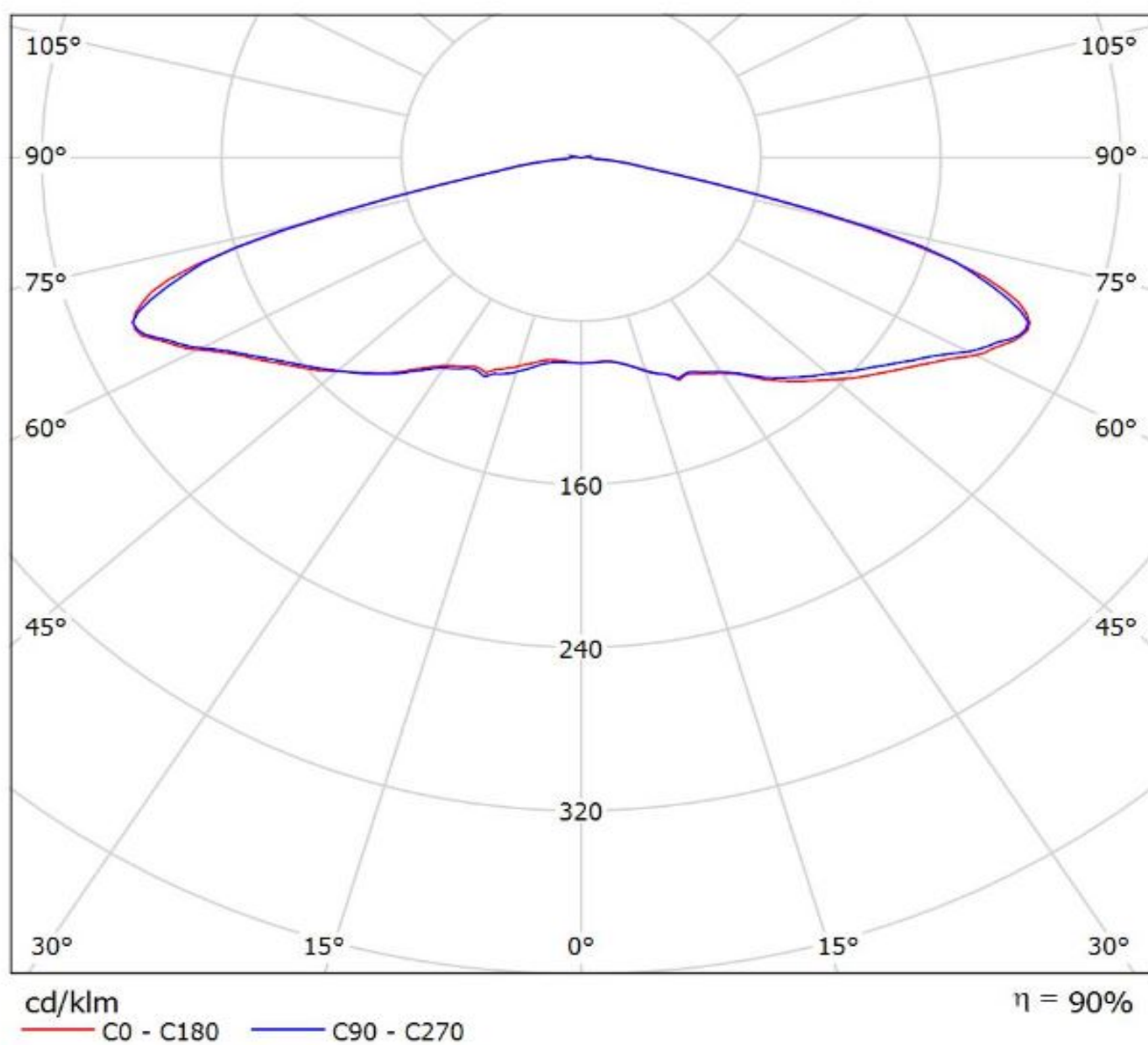


Luminaire: Ledil FN16443_STELLA-G2-VSM_(Vero18)

Lamps: 1 x Bridgelux_Vero18_(30E4000F2)_1038.15lm@250mA_P=6.7488W_U=27.004V



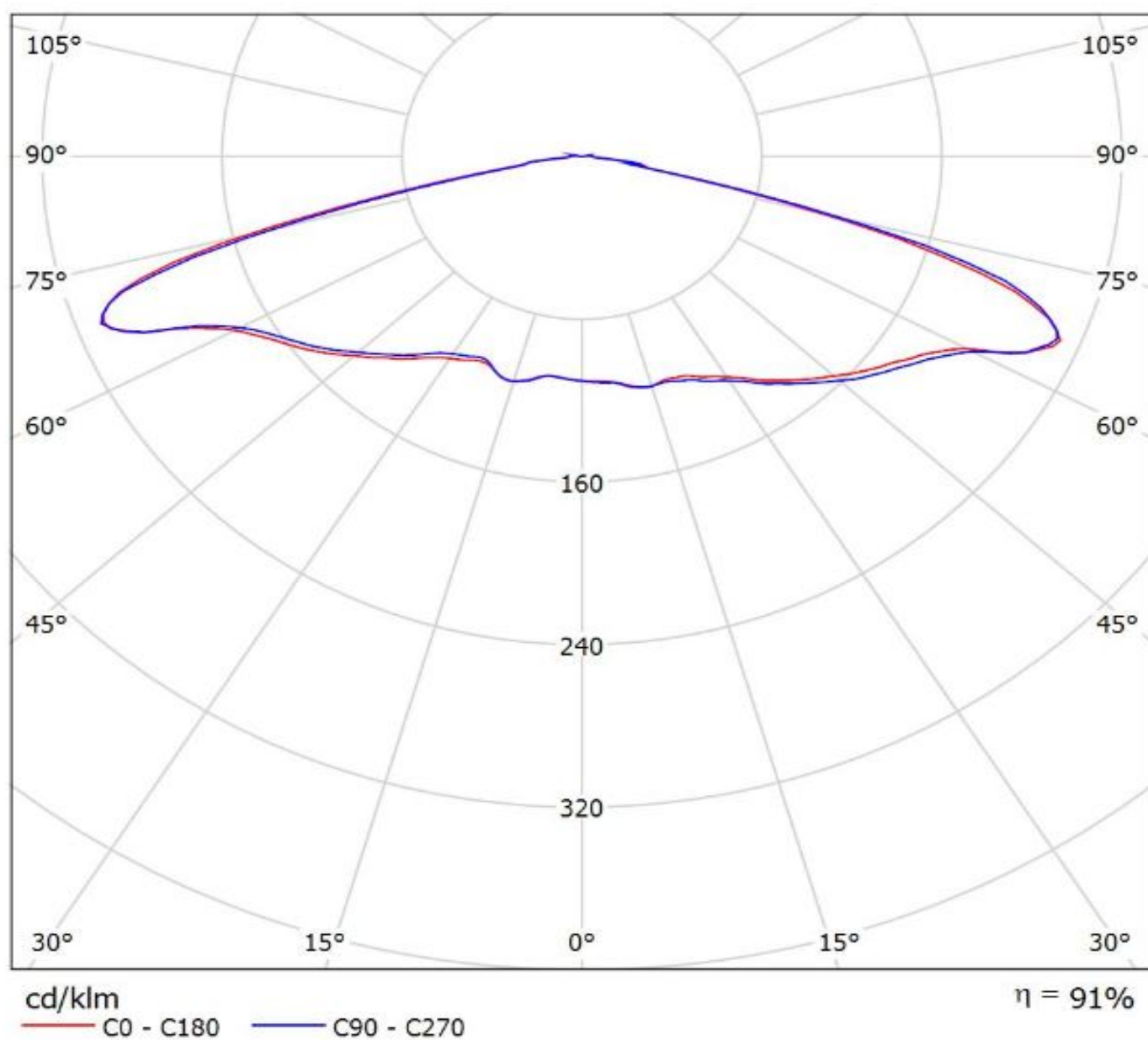
Luminaire: LEDiL Oy FN16443_STELLA-G2-VSM_(CLU048)
Lamps: 1 x Citizen_CLU048_(1818C4-403H5K2)
_1800.23lm@250mA_CCT=4000K_P=11.9062W_U=47.658V



Luminaire: LEDiL Oy FN16443_STELLA-G2-VSM_(LUXEON_1211_+BW)

Lamps: 1 x

Lumileds_LUXEON_1211_Bender+Wirth431TypL3_882.333lm@250mA_P=8.03429W_U=32.15V



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.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.