

DETAILS

Product Number	F16261_FLORENCE-Z90-B
Family	Florence
Type	Lens array
Color	clear
Diameter	61 x 286 mm
Height	8,45 mm
Style	rectang
Optic Material	PMMA
Holder Material	
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	5/01/2018



OPTICAL PROPERTIES

LED	Viewing	Light	Effi-	cd/lm	Connector
	Angle	Beam	ciency		
5630 (ASMU-LWG0-NxxE)	92 deg	WWW-class	90 %	0.400	-
TRIDINO R3 8x0 1100 1ft HV	92 deg	WWW-class	87 %	0.410	-
XH-B/G	95 deg	WWW-class	82 %	0.370	-
XP-G3	sim: 95	WWW-class	sim: 92 %	sim: 0.421	-
LG 6030	92 deg	WWW-class	88 %	0.410	-
LG 7030	sim: 91	WWW-class	-	sim: 0.320	-
LG 5630	93 deg	WWW-class	87 %	0.390	-
LUXEON 3030 2D	91 deg	WWW-class	87 %	0.420	-
LUXEON 3535 2D	92 deg	WWW-class	87 %	0.410	-
LUXEON 3535L HE	92 deg	WWW-class	93 %	0.420	-
LUXEON XR-3535L (L202 - xxxx033C30901)	90 deg	WWW-class	93 %	0.430	-
MP-2016	90 deg	WWW-class	91 %	0.420	-
NF2x757D	92 deg	WWW-class	90 %	0.430	-
NVSxE21A	sim: 90	WWW-class	sim: 94 %	sim: 0.390	-
NF2x757G	sim: 90	WWW-class	sim: 80 %	sim: 0.370	-
Duris S2	95 deg	WWW-class	90 %	0.350	-
OSCONIQ P 2226	94 deg	WWW-class	83 %	0.370	-
PLG2-BAR-1100-xxx-280x55-DC	92 deg	WWW-class	92 %	0.420	-
Duris E5	92 deg	WWW-class	88 %	0.400	-
Duris S5 (Single chip)	91 deg	WWW-class	88 %	0.410	-
Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV3	93 deg	WWW-class	87 %	0.390	-
Fortimo LED Line 1ft 1100lm xx0 3R xV2/xV3	92 deg	WWW-class	88 %	0.400	-
Fortimo LED Line 1ft 2000lm 8xx 3R HV	290 deg	WWW-class	93 %	0.430	-
LM561C	92 deg	WWW-class	93 %	0.420	-
LM561B	86 deg	WWW-class	85 %	0.420	-



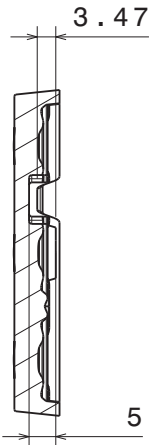
PRODUCT DATASHEET

Florence series

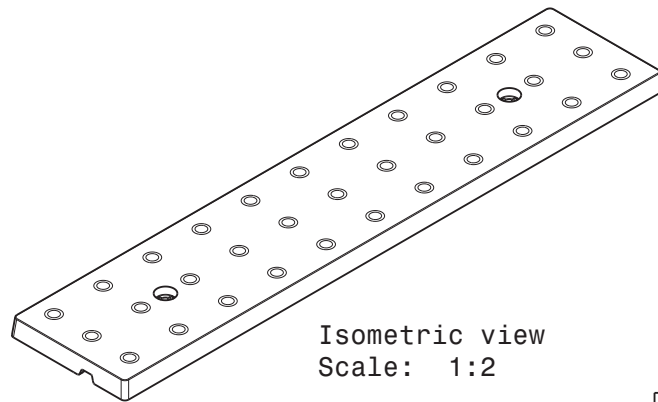
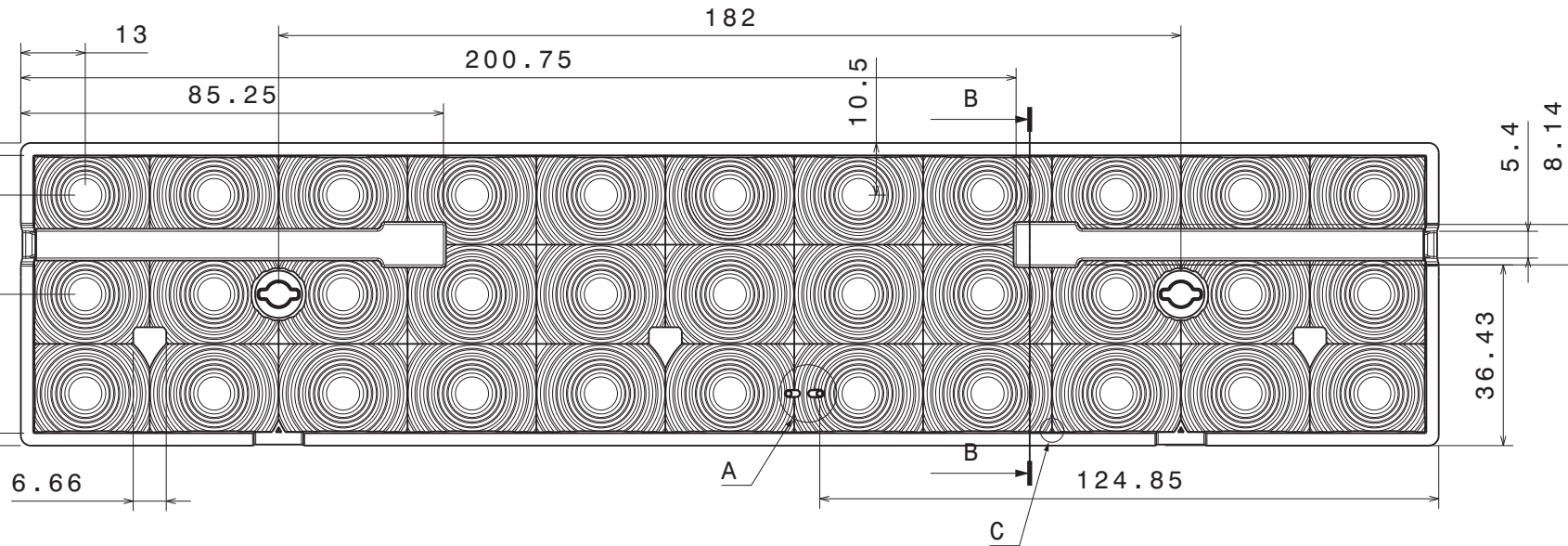
last update 5/1/2018

OPTICAL PROPERTIES

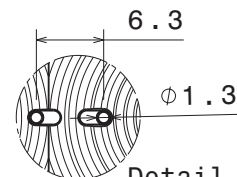
LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
LT-R286A	93 deg	WWW-class	93 %	0.410	-
LM561B Plus	92 deg	WWW-class	93 %	0.410	-
LM231 A/B	91 deg	WWW-class	88 %	0.414	-
SEOUL 3528	sim: 82	WWW-class	sim: 87 %	sim: 0.520	-
STARK LLE-55-280-1650 CLASSIC	93 deg	WWW-class	90 %	0.420	-



Section view B-B
Scale: 1:1



Isometric view
Scale: 1:2



Detail A
Scale: 2:1

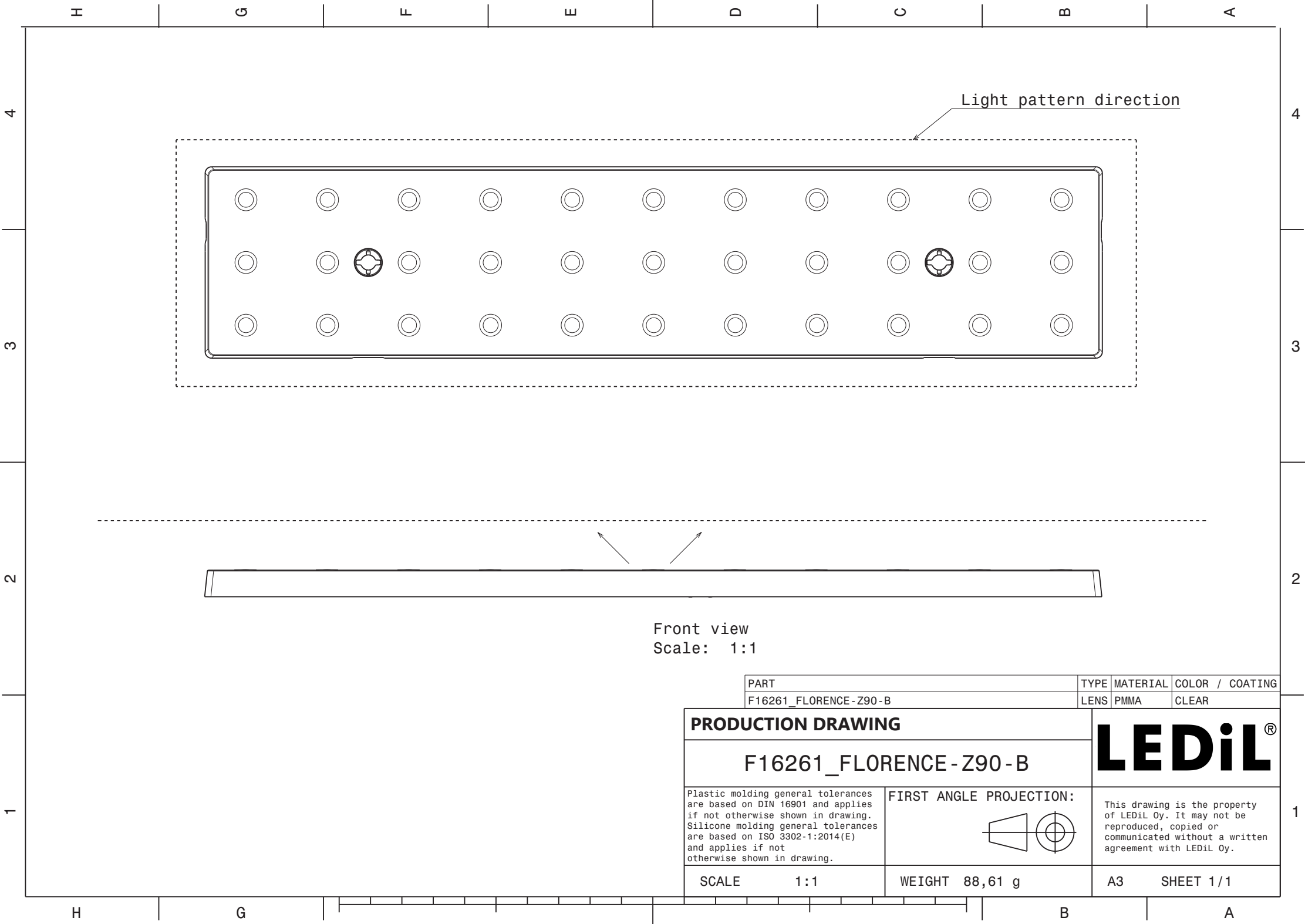


Detail C
Scale: 5:1

●	PCB or Heat Sink level
●	Led location see red dot
Ensure LED fitting, see our web site and/or 3D model for part detail.	
See installation details page 2.	

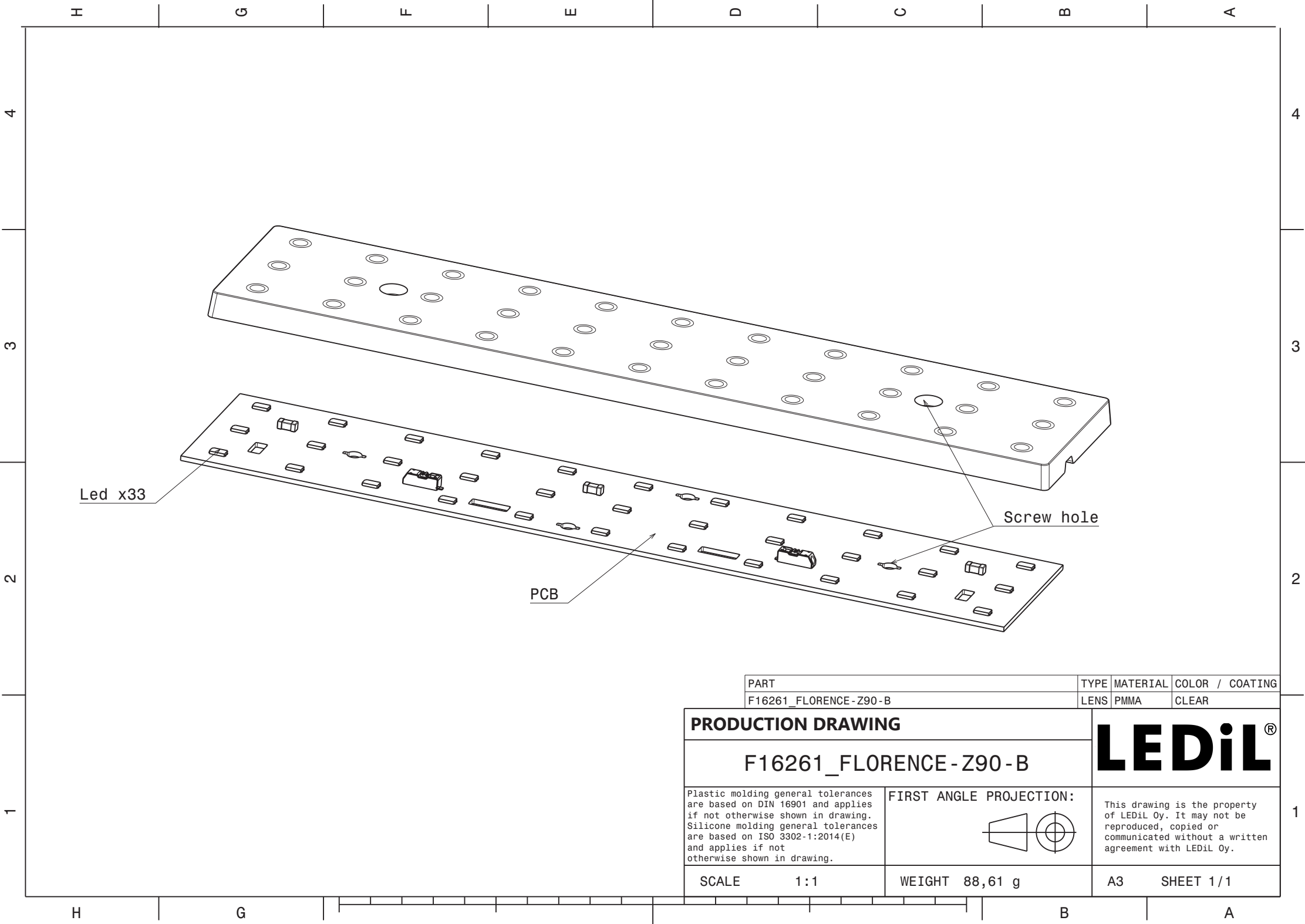
PART	TYPE	MATERIAL	COLOR / COATING
F16261_FLORENCE-Z90-B	LENS	PMMA	CLEAR

PRODUCTION DRAWING		LEDiL®
F16261_FLORENCE -Z90-B		
Plastic molding general tolerances are based on DIN 16901 and applies if not otherwise shown in drawing. Silicone molding general tolerances are based on ISO 3302-1:2014(E) and applies if not otherwise shown in drawing.	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 88,61 g	
		A3 SHEET 1/1

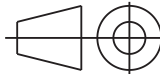


Front view
Scale: 1:1

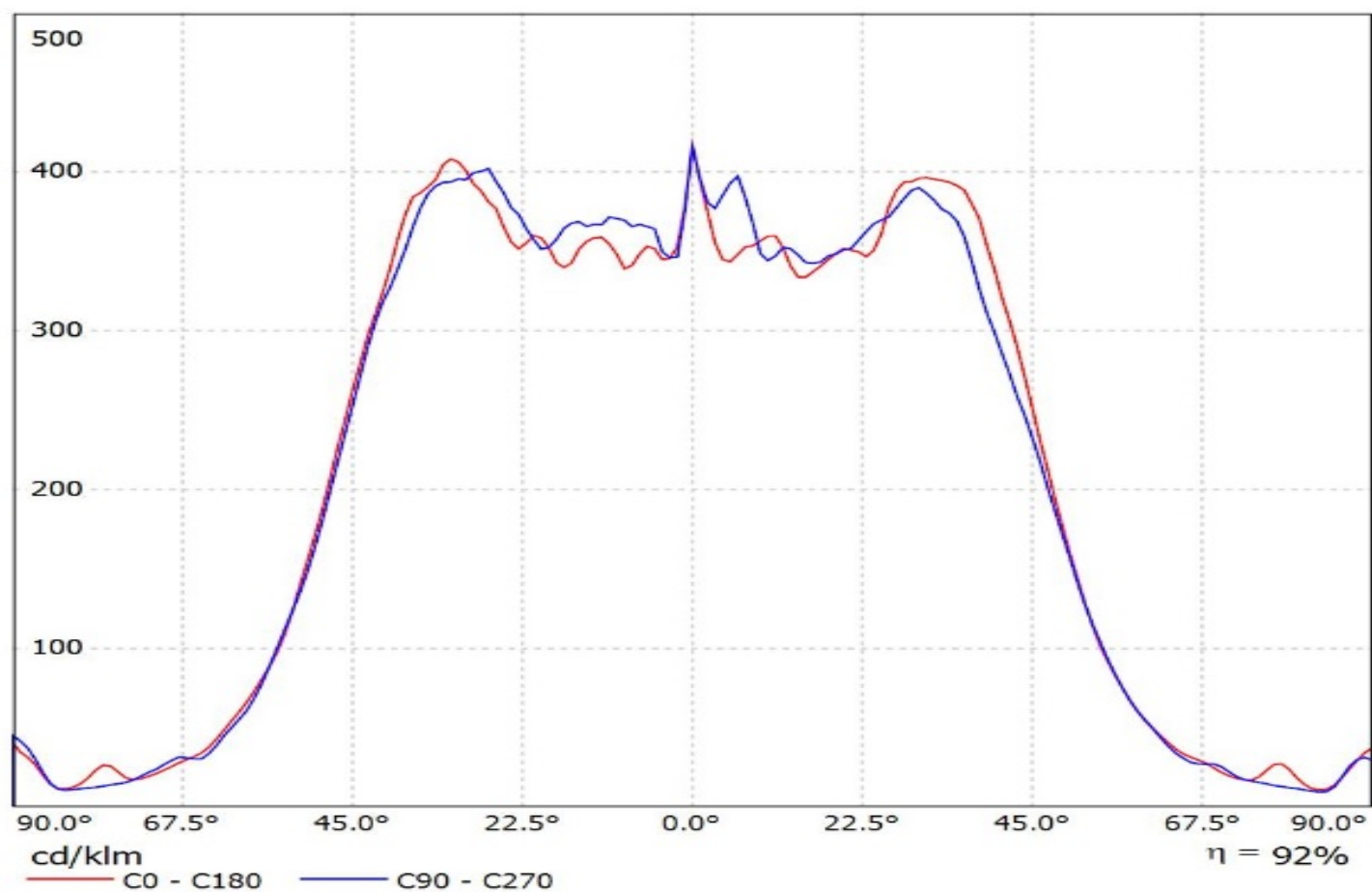
PART		TYPE	MATERIAL	COLOR / COATING
F16261_FLORENCE-Z90-B		LENS	PMMA	CLEAR
PRODUCTION DRAWING			LEDiL®	
F16261_FLORENCE-Z90-B				
Plastic molding general tolerances are based on DIN 16901 and applies if not otherwise shown in drawing. Silicone molding general tolerances are based on ISO 3302-1:2014(E) and applies if not otherwise shown in drawing.		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 88,61 g		
		A3		SHEET 1/1



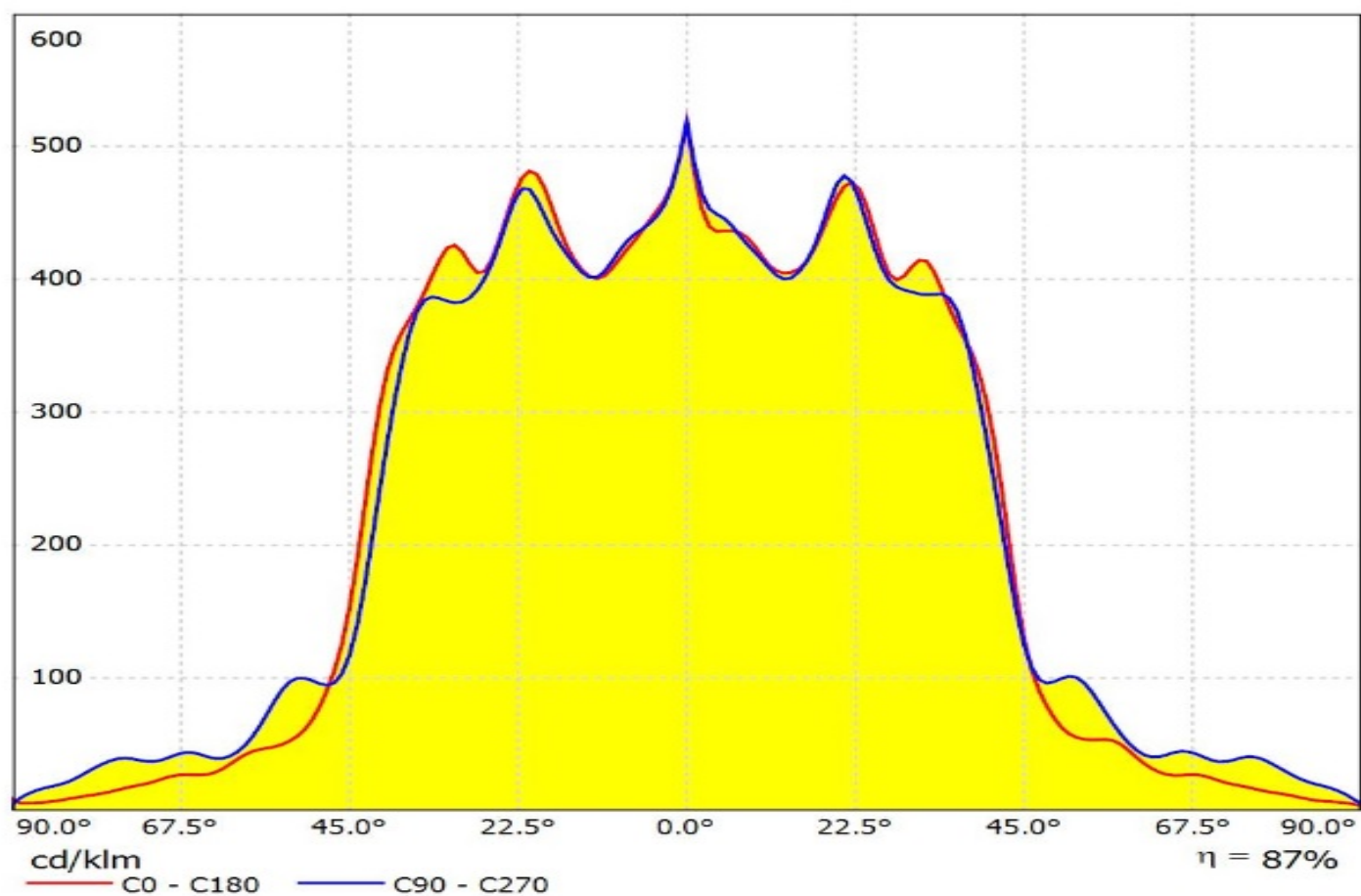
PART	TYPE	MATERIAL	COLOR / COATING
F16261_FLORENCE-Z90-B	LENS	PMMA	CLEAR

PRODUCTION DRAWING		LEDiL®
F16261_FLORENCE - Z90 - B		
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SCALE 1:1	WEIGHT 88,61 g	A3 SHEET 1/1

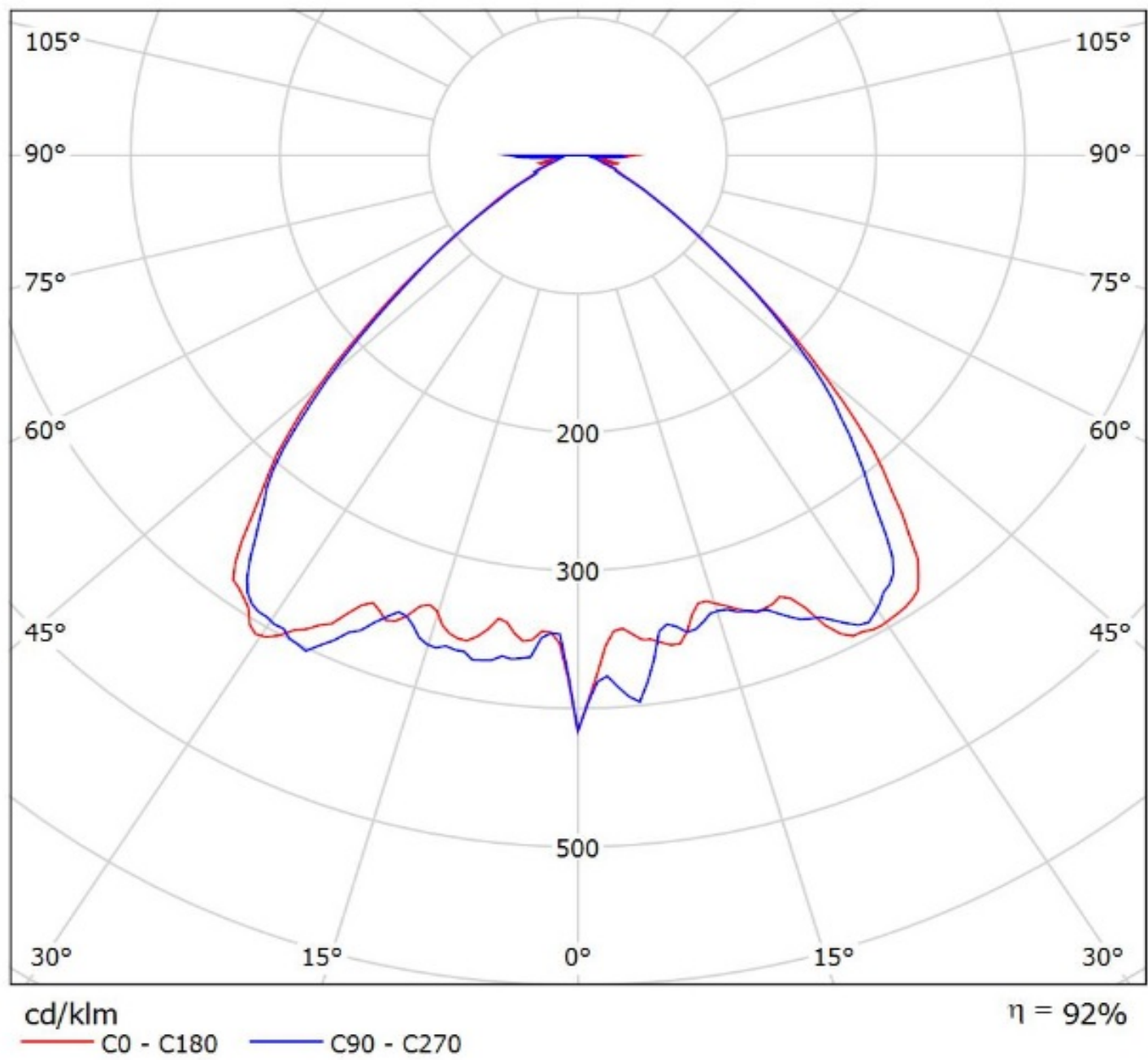
Luminaire: Ledil Oy F16261_FLORENCE-Z90-B_SIMULATED
Lamps: 1 x CREE-XP-G3



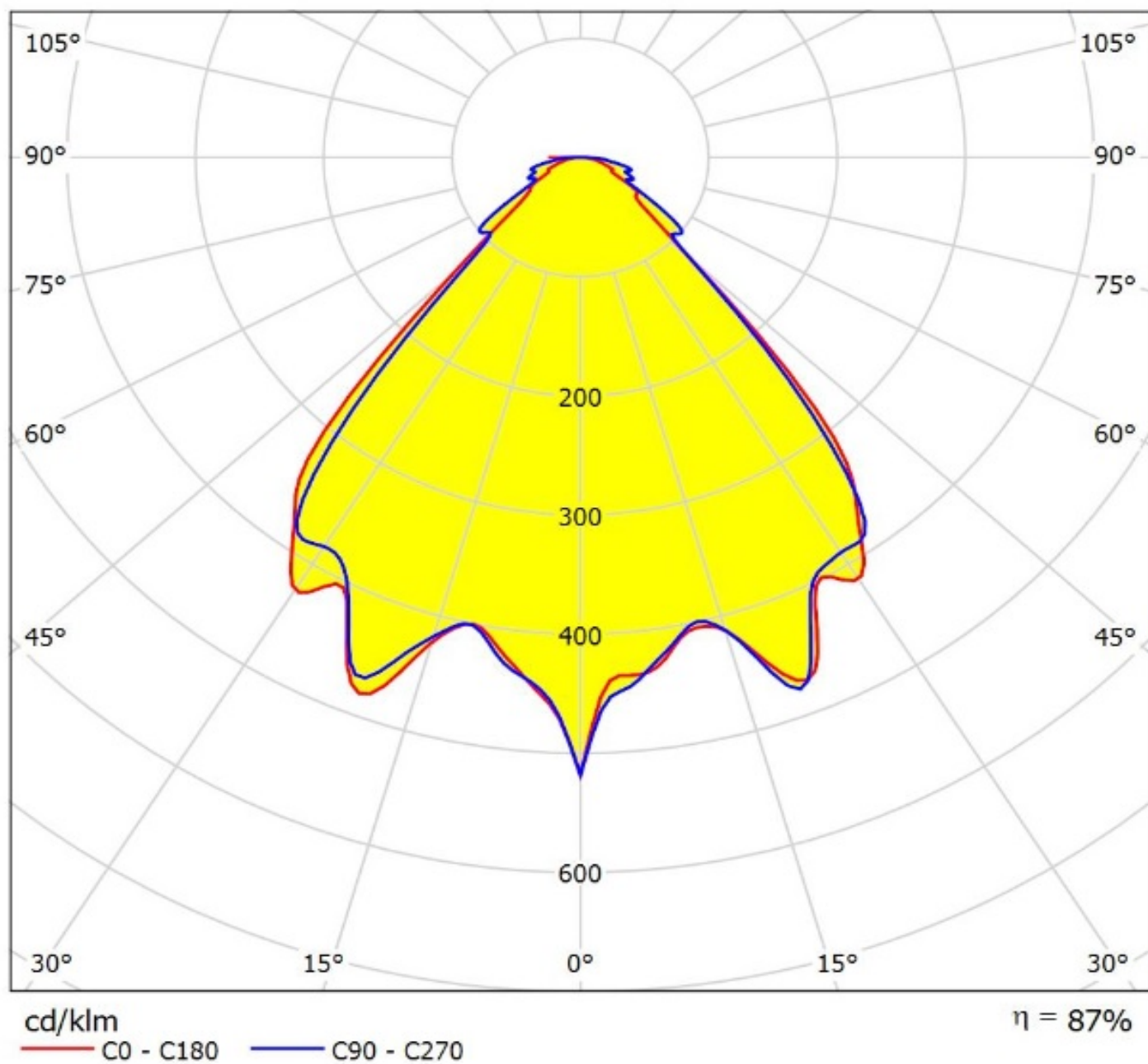
Luminaire: Ledil Oy F16261_FLORENCE-Z90-B_(SEOUL_3528_STW8A12D-E2)_SIMULATED
Lamps: 1 x Seoul 3528 STW8A12D-E2 - CCT: 4000 K



Luminaire: Ledil Oy F16261_FLORENCE-Z90-B_SIMULATED
Lamps: 1 x CREE-XP-G3



Luminaire: Ledil Oy F16261_FLORENCE-Z90-B_(SEOUL_3528_STW8A12D-E2)_SIMULATED
Lamps: 1 x Seoul 3528 STW8A12D-E2 - CCT: 4000 K



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.