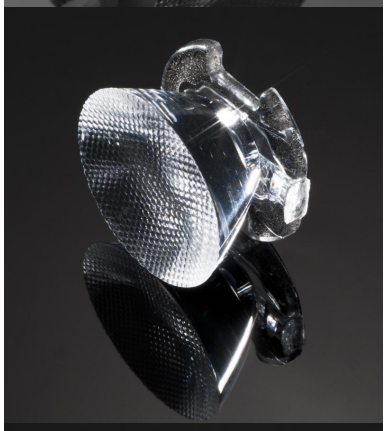
PRODUCT DATASHEET
Emily series
last update 9/6/2016

Product number **CA11387_EMILY-SS**

Family	Emily	FWHM	11 degrees
Type	Assembly	Efficiency	93 %
LED	XP-G	cd/lm	15.500
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.82 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape"]		
Status	Production ready		

Product number **CA11998_EMILY-SS-WAS**

Family	Emily	FWHM	11 degrees
Type	Assembly	Efficiency	93 %
LED	XP-G	cd/lm	11.920
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.83 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		



Product number **CA11388_EMILY-M**

Family	Emily	FWHM	18 degrees
Type	Assembly	Efficiency	93 %
LED	XP-G	cd/lm	7.200
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.85 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

Product number **CA11391_EMILY-M2**

Family	Emily	FWHM	29 degrees
Type	Assembly	Efficiency	92 %
LED	XP-G	cd/lm	3.100
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.88 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

Ledil Oy
Salorankatu 10
24240 SALO
Finland

http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

Downloaded from Arrow.com.

PRODUCT DATASHEET
Emily series
last update 9/6/2016

Product number **CA11934_EMILY-W**

Family	Emily	FWHM	40 degrees
Type	Assembly	Efficiency	86 %
LED	XP-G	cd/lm	1.500
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.74 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

Product number **CA12000_EMILY-O-WAS**

Family	Emily	FWHM	42+9 degrees
Type	Assembly	Efficiency	87 %
LED	XP-G	cd/lm	4.190
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.95 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

Product number **CA11389_EMILY-O**

Family	Emily	FWHM	44+10 degrees
Type	Assembly	Efficiency	92 %
LED	XP-G	cd/lm	5.700
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.97 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "pin"]		
Status	Production ready		

Product number **CA11390_EMILY-O-90**

Family	Emily	FWHM	44+10 degrees
Type	Assembly	Efficiency	92 %
LED	XP-G	cd/lm	4.700
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	14.97 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "tape"]		
Status	Production ready		

Ledil Oy
Salorankatu 10
24240 SALO
Finland

http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

Downloaded from Arrow.com.

PRODUCT DATASHEET
Emily series
last update 9/6/2016

Product number	**CA12589_EMILY-WWW**

Family	Emily	FWHM	57 degrees
Type	Assembly	Efficiency	86 %
LED	XP-G	cd/lm	1.000
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	13.43 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "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.

Ledil Oy
Salorankatu 10
24240 SALO
Finland

http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

Downloaded from Arrow.com.

GENERAL INFORMATION

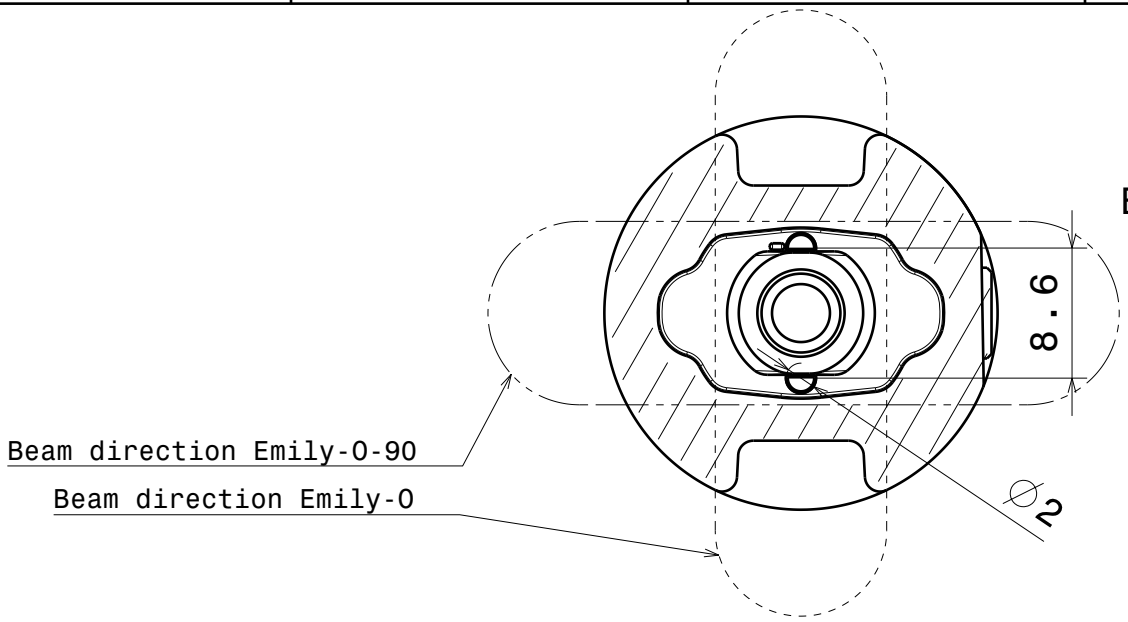
- Product series especially designed & optimized for XP-G series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

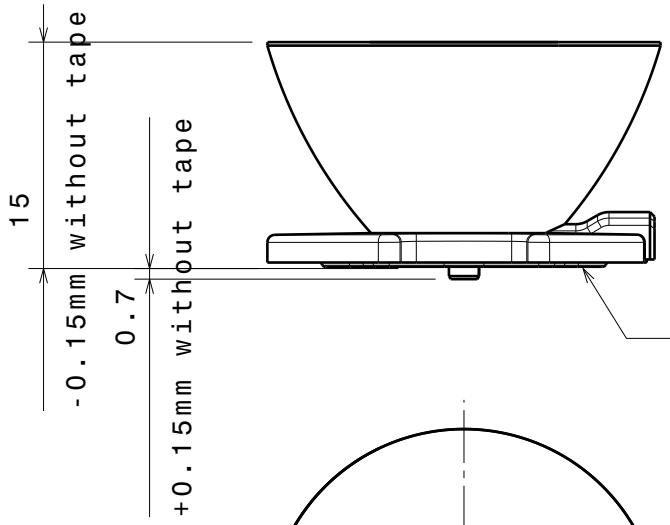
Please find more information about used material from below:
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20UL94_Yellow%20Card.pdf
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20PLEXIGLAS-Datasheet.pdf

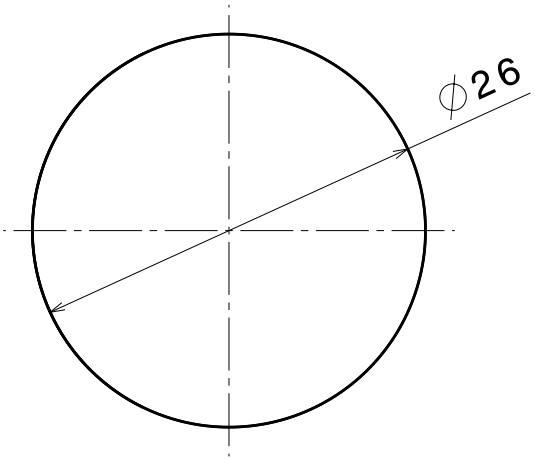
Ledil Oy
Salorankatu 10
24240 SALO
Finland

http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

Downloaded from Arrow.com.







Materials:
Lens PMMA
Tape PU Foam with adhesive

Part no.s:
CA11387_Emily-SS
CA11388_Emily-M
CA11389_Emily-0
CA11390_Emily-0-90
CA11391_Emily-M2

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 Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
Datasheet Emily series lens

This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

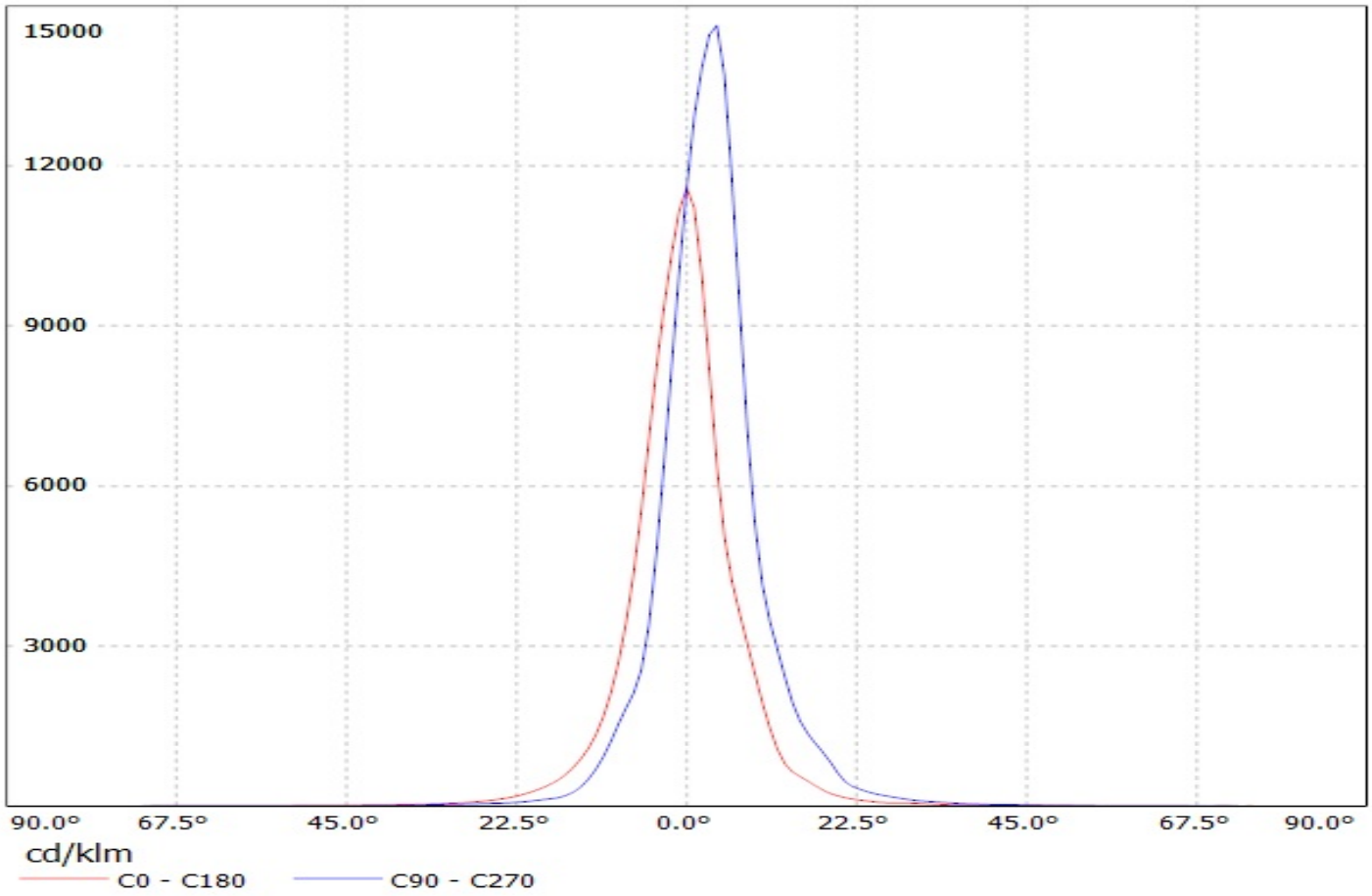
SIZE A4

PART NUMBER

SCALE 2:1 WEIGHT SHEET 1/1

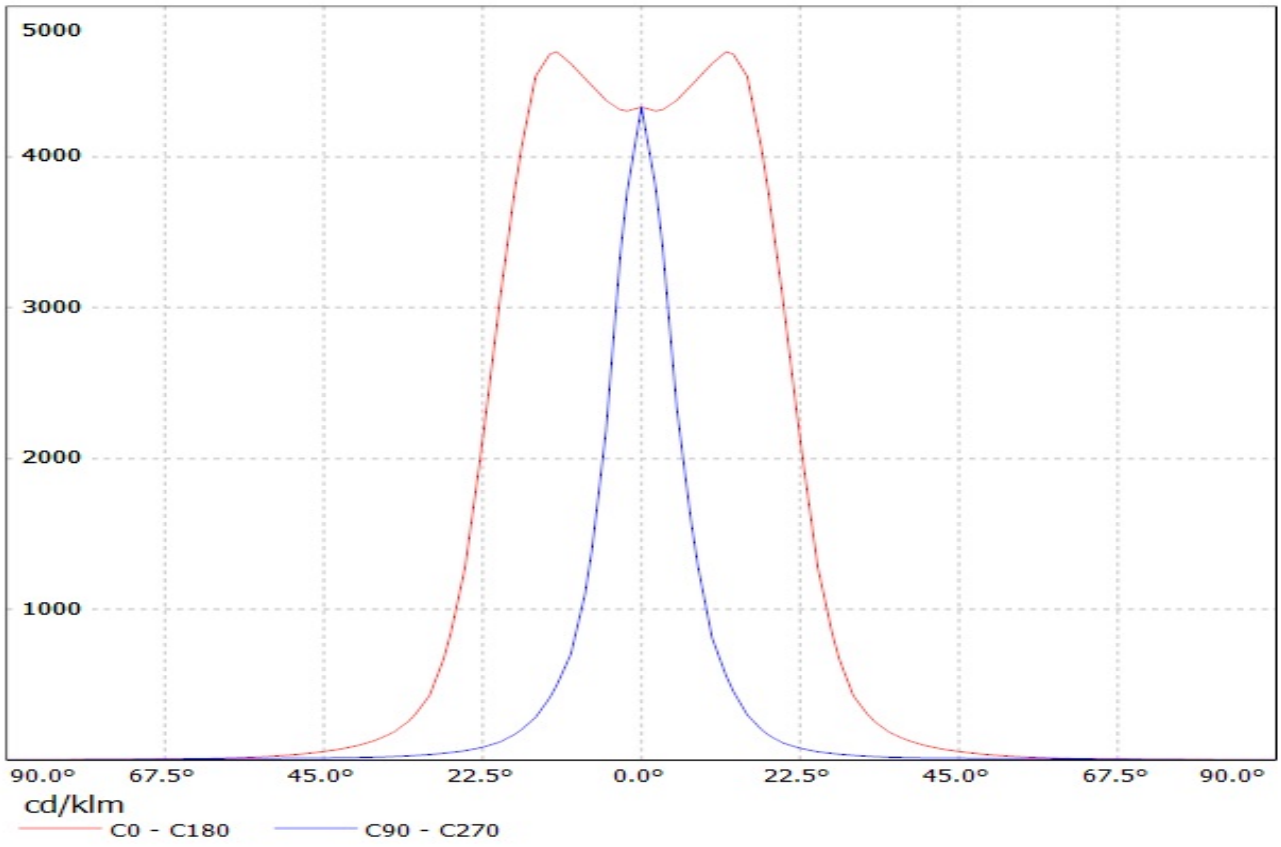
Downloaded from Arrow.com.

Luminaire: Ledil Oy CA11998_Emily-SS-was-Tape-RE LOR=92%
Lamps: 1 x Luxeon Rebel 72lm 250mA



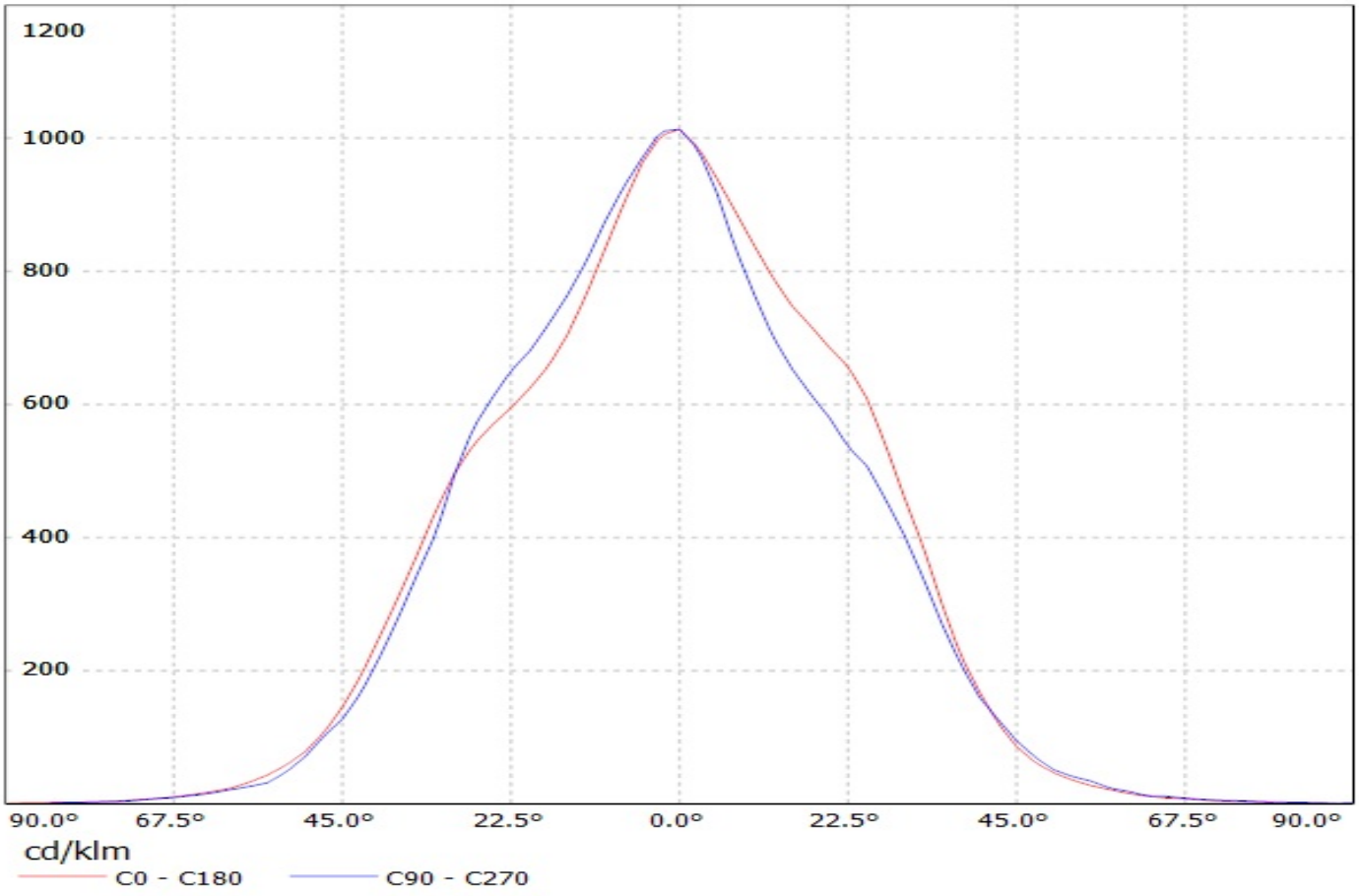
Downloaded from Arrow.com.

Luminaire: LEDIL OY CA11389 Emily-O (XP-G) Efficiency=92%
Lamps: 1 x Cree XP-G (82lm@250mA)



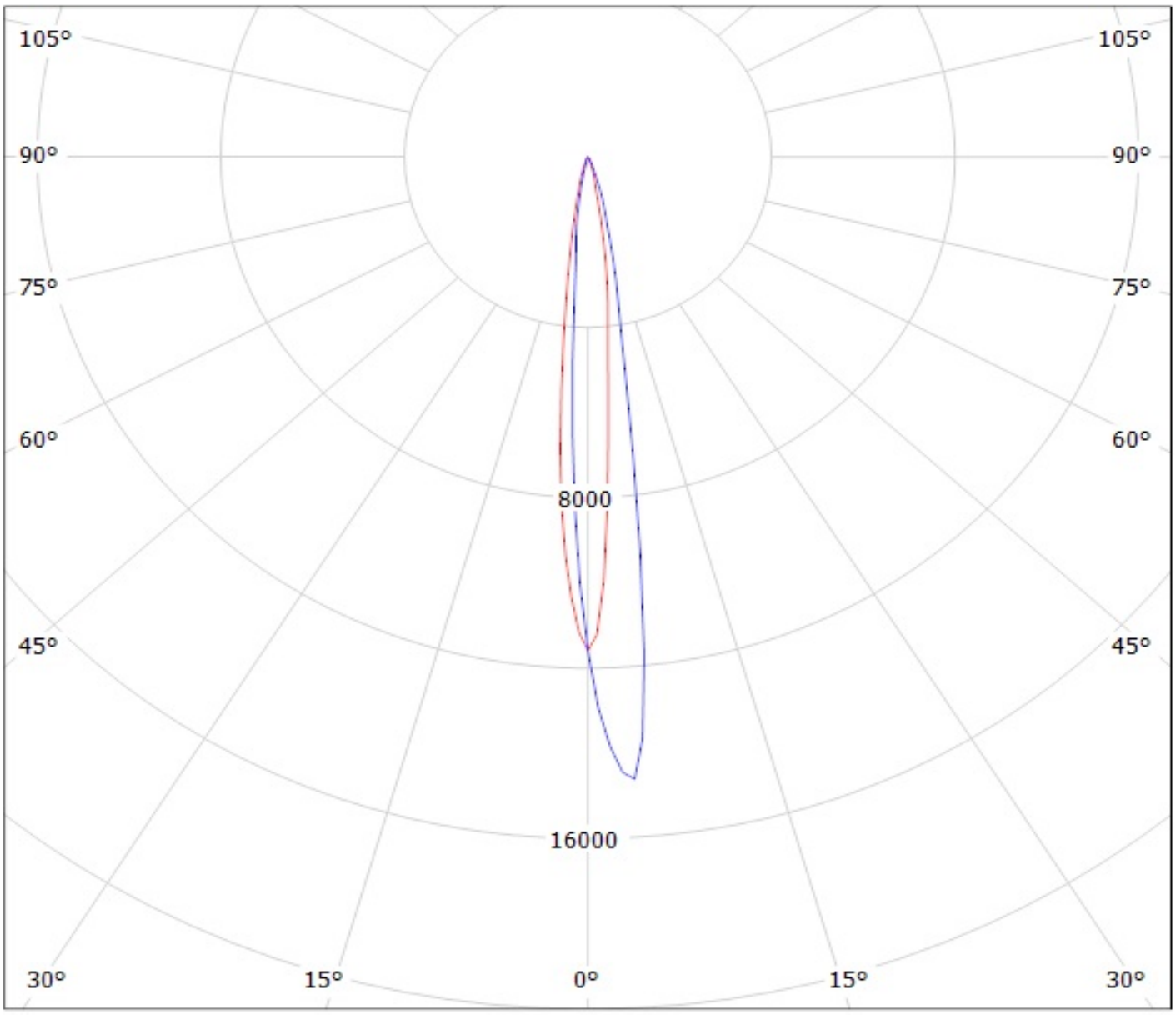
Downloaded from Arrow.com.

Luminaire: Ledil Oy CA12589_EMILY-WWW (Cree XP-G 58lm @ 250mA) Efficiency=86%
Lamps: 1 x Cree XP-G 58lm @ 250mA



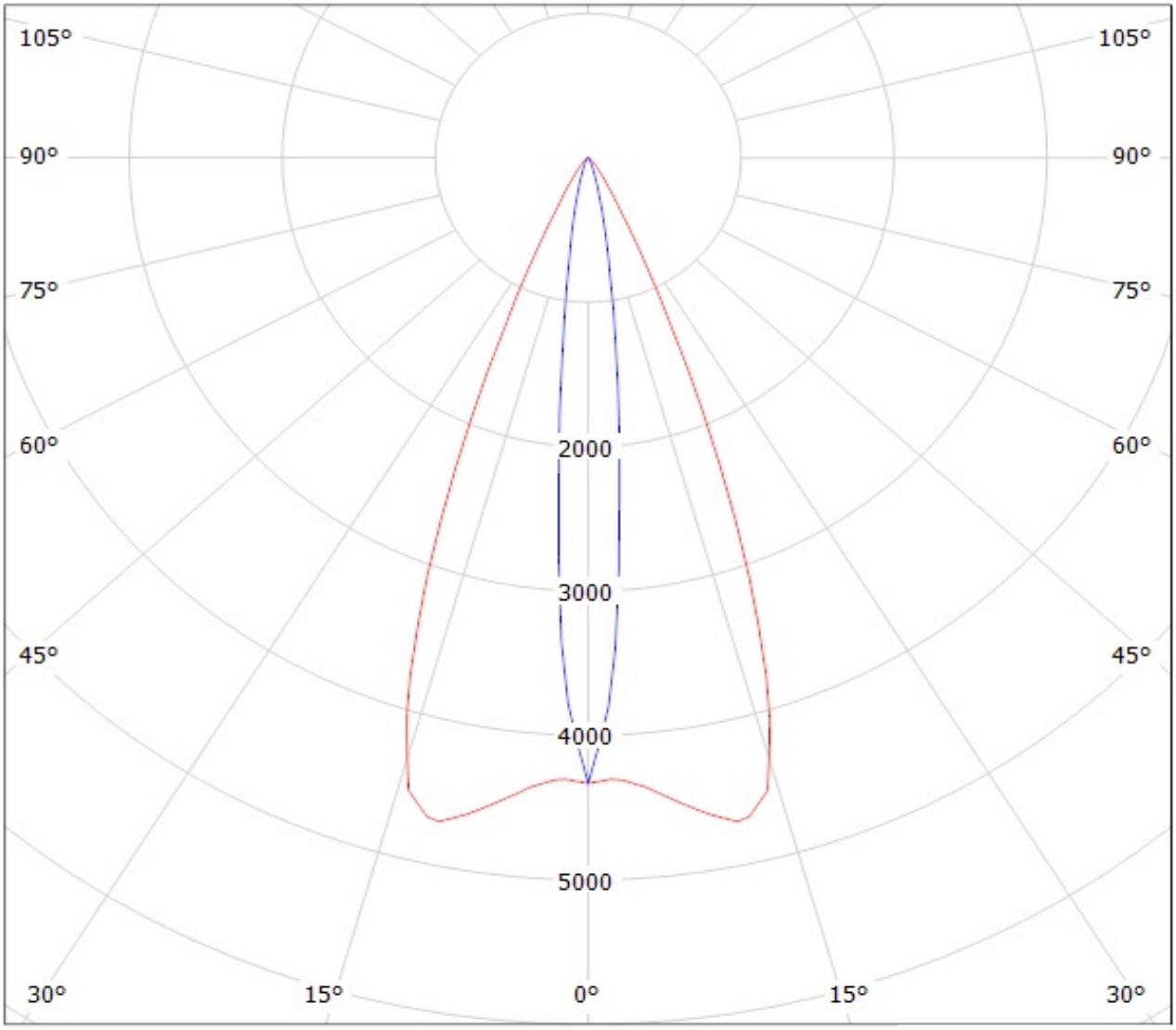
Downloaded from Arrow.com.

Luminaire: Ledil Oy CA11998_Emily-SS-was-Tape-RE LOR=92%
Lamps: 1 x Luxeon Rebel 72lm 250mA



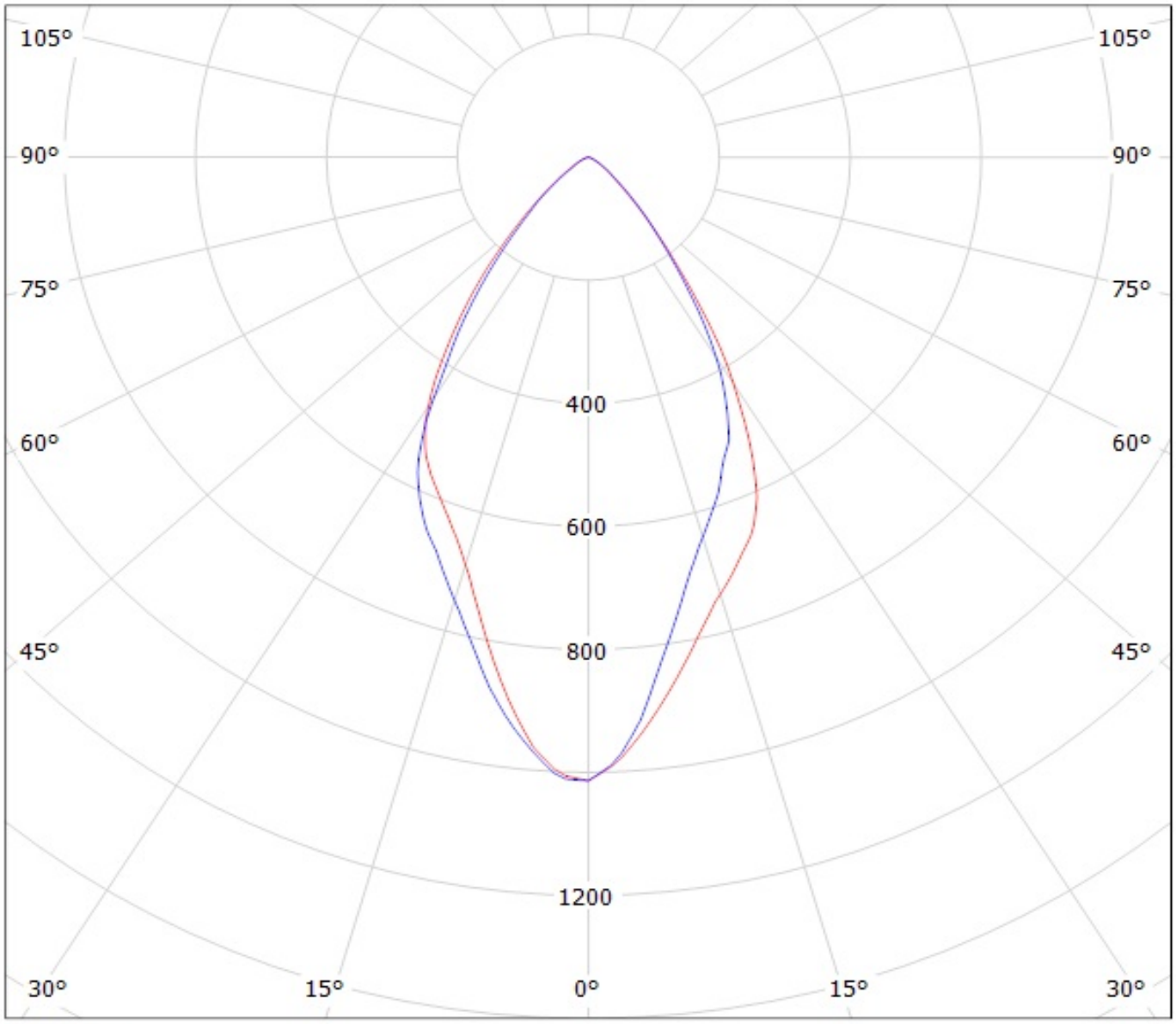
Downloaded from Arrow.com.

Luminaire: LEDIL OY CA11389 Emily-O (XP-G) Efficiency=92%
Lamps: 1 x Cree XP-G (82lm@250mA)



Downloaded from Arrow.com.

Luminaire: Ledil Oy CA12589_EMILY-WWW (Cree XP-G 58lm @ 250mA) Efficiency=86%
Lamps: 1 x Cree XP-G 58lm @ 250mA



Downloaded from Arrow.com.