

**Ordering number C12786_STRADA-K**

Family	Strada-K	FWHM	Asym degrees
Type	Lens	Efficiency	96 %
LED	XB-D	cd/Im	1.130
Color	Clear	Gerber File	Available
Diameter	19.6 + 15.5 mm		
Height	8.7 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
Status	Ready		

Ordering number CA12787_STRADA-K

Family	Strada-K	FWHM	Asym degrees
Type	Assembly	Efficiency	96 %
LED	XB-D	cd/Im	1.180
Color	Clear	Gerber File	Available
Diameter	19.6 + 15.5 mm		
Height	8.8 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, tape		
Status	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.



PRODUCT DATASHEET

Strada-K series

last update 22/10/2012

GENERAL INFORMATION

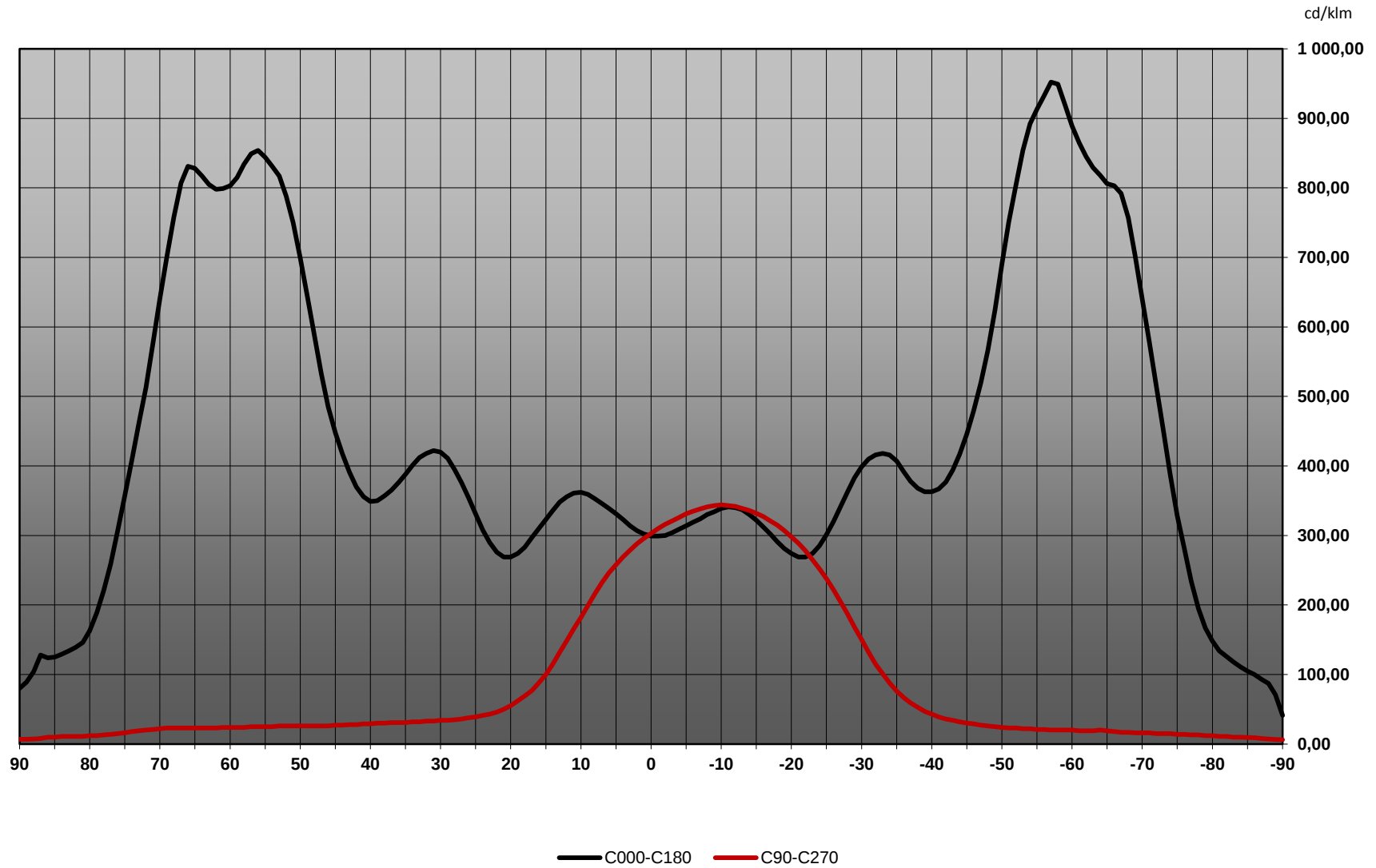
- Product series especially designed & optimized for XB-D series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

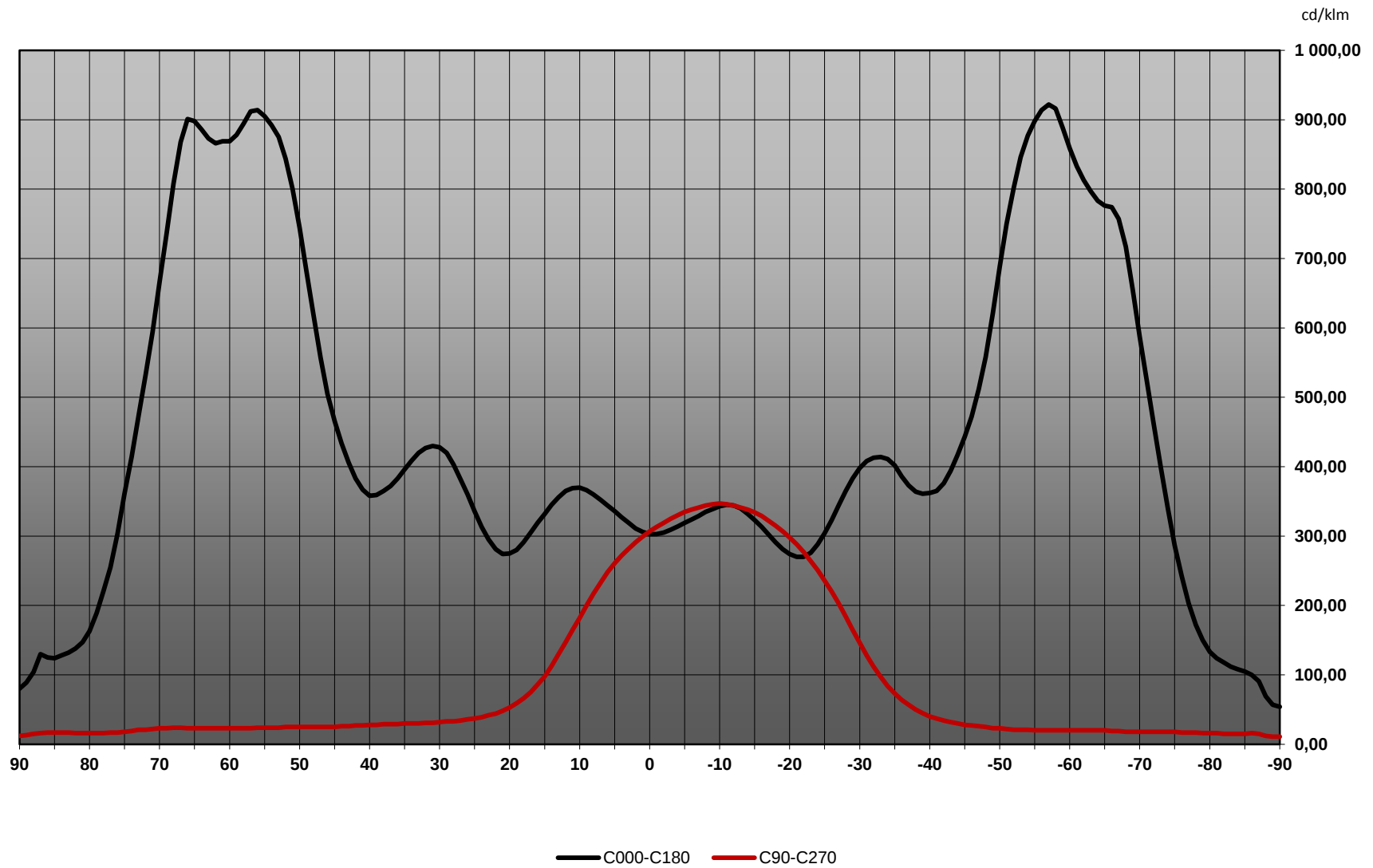
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

Absolute intensity of C12786_STRADA-K_(XB-D)



Absolute intensity of CA12787_STRADA-K_(XB-D)

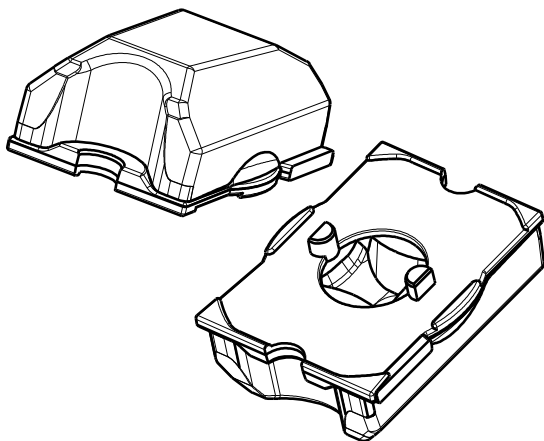


D

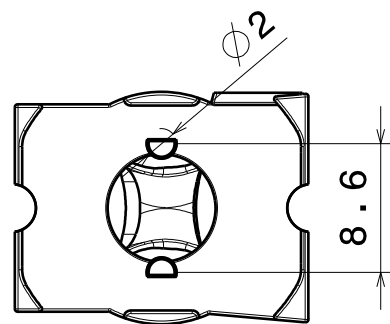
C

B

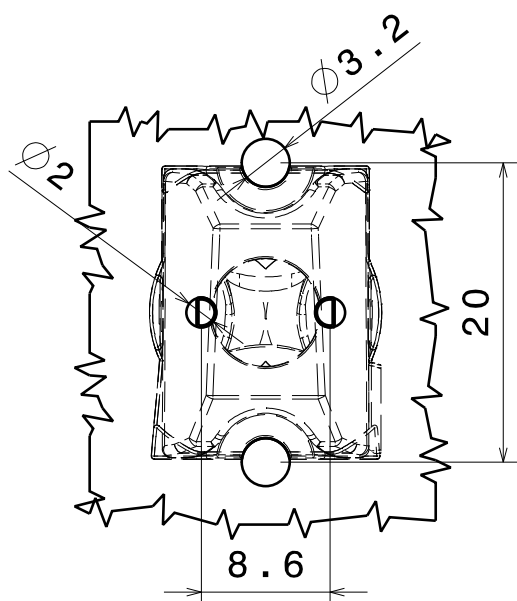
A



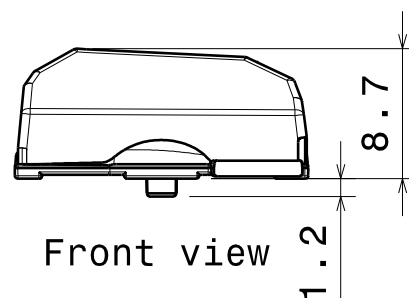
Isometric view



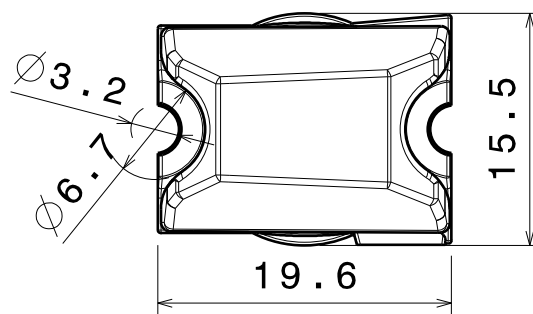
Bottom view



PCB-suggestion



Front view



Top view

Material: PMMA

Tolerances for dimensions:

0-20mm tolerance value $\pm 0.1\text{mm}$ 21-45mm tolerance value $\pm 0.2\text{mm}$ 46-90mm tolerance value $\pm 0.3\text{mm}$ 91-100mm tolerance value $\pm 0.4\text{mm}$ 101-mm tolerance value $\pm 0.5\text{mm}$

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Finland

DRAWING TITLE

Datasheet STRADA-K

DRAWN BY

mav

DATE

18.04.2012

CHECKED BY

sn

DATE

18.04.2012

SIZE

A4

DRAWING NUMBER

C12786

REV

1

DESIGNED BY

mav

DATE

06.03.2012

SCALE

1:1

WEIGHT (g)

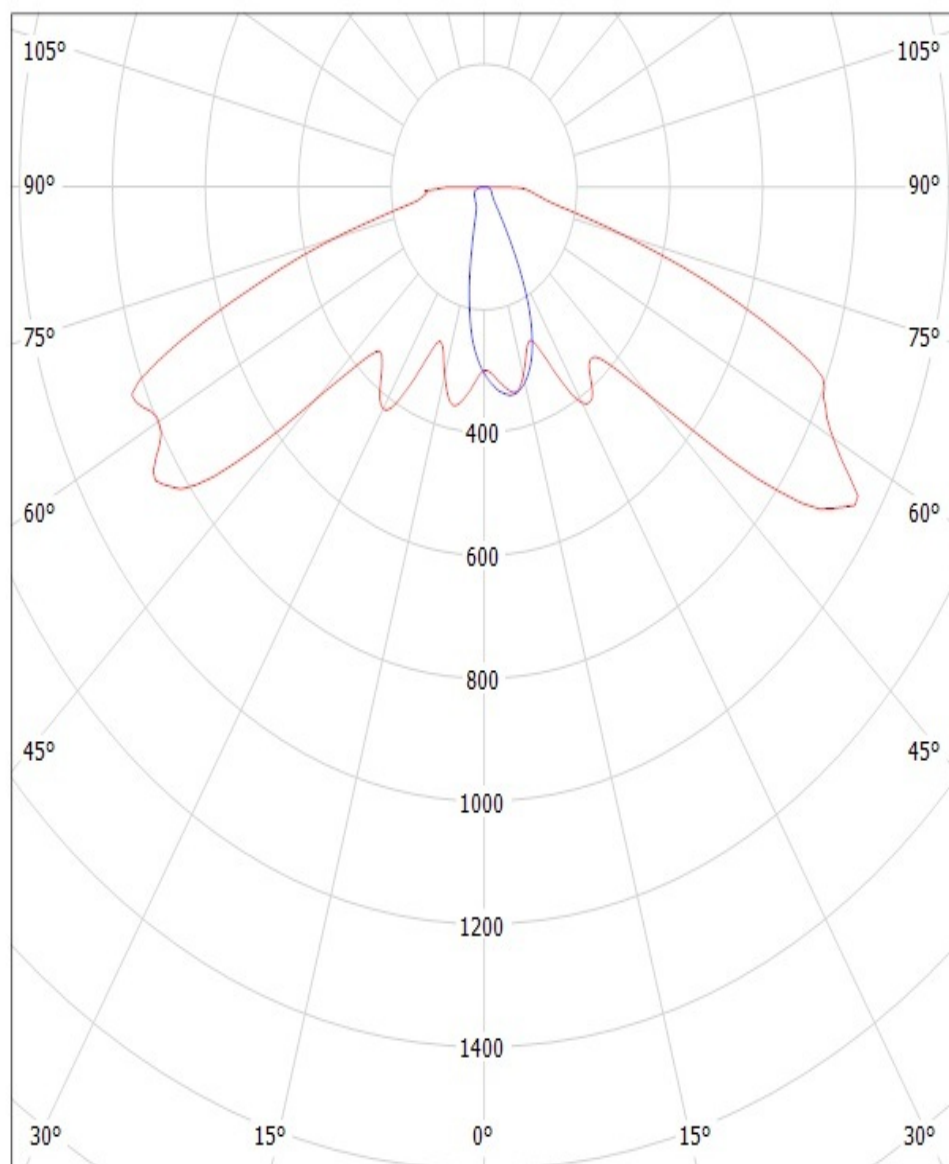
SHEET

1/1

D

A

Luminaire: LEDiL Oy C12786 STRADA-K (XB-D) Eff. 96%
Lamps: 1 x Cree XB-D (95lm@250mA)

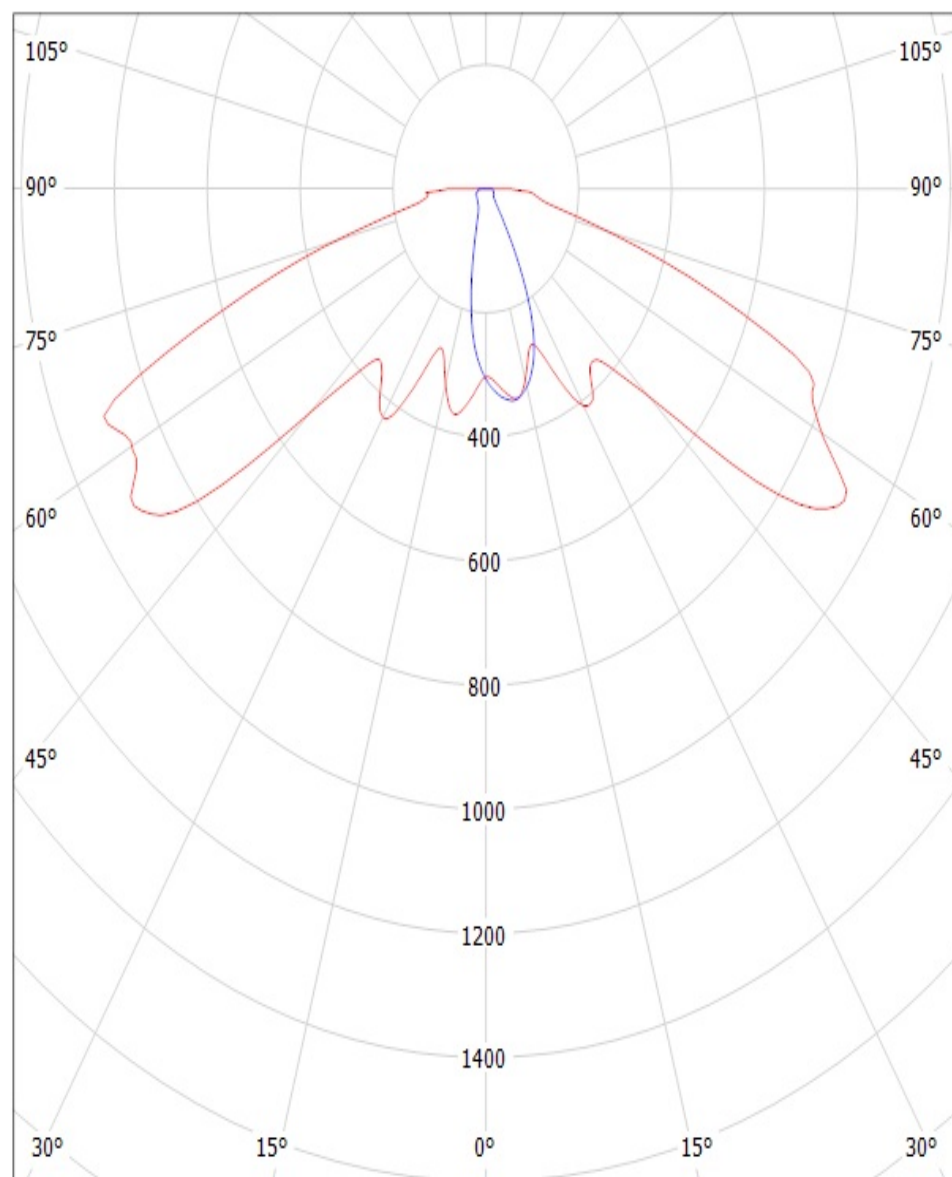


cd/klm

— C0 - C180

— C90 - C270

Luminaire: LEDiL Oy CA12787_STRADA-K (Cree XB-D) Eff. 95%
Lamps: 1 x Cree XB-D (92.6lm@250mA)



cd/klm

— C0 - C180

— C90 - C270