

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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PRODUCT DATASHEET Tina series

last update 10/10/2013



Product number FA11208_TINA-RS

Family Tina Type Assembly LED XB-H Color Black Diameter 16.1 mm Height 9.5 mm Style Round **PMMA** Optic Material Holder Material

Fastening ["tape", "pin"] Production ready Status

FA11212_TINA-RS **Product number**

Family Tina Type Assembly LED XB-H Color Black Diameter 16.1 mm Height 9.4 mm Style Round **PMMA** Optic Material Holder Material

Fastening ["pin", "tape"] Status Production ready

Product number FA11205_TINA-D

Family Tina Type Assembly LED XB-H Color Black Diameter 16.1 mm Height 9.5 mm Round Style **PMMA** Optic Material Holder Material

Fastening ["tape", "pin"] Status Production ready

Product number FA11209_TINA-D

Family Tina Туре Assembly LED XB-H Color Black 16.1 mm Diameter 9.4 mm Height Style Round **PMMA** Optic Material Holder Material

Fastening ["tape", "pin"] Status Production ready

FWHM 15 degrees Efficiency 88 % 10.600 cd/lm

Gerber File Available

FWHM 15 degrees Efficiency 88 % 10.300 cd/lm Gerber File Available

FWHM 17 degrees Efficiency 87 % 7.300 cd/lm Available Gerber File

FWHM 17 degrees Efficiency 87 % cd/lm 7.500

Available

Gerber File

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PRODUCT DATASHEET Tina series

last update 10/10/2013

Status



Product number FA11210_TINA-M

Family Tina Type Assembly LED XB-H Color Black Diameter 16.1 mm Height 9.4 mm Style Round **PMMA** Optic Material

Holder Material -Fastening ["pin", "tape"]



Product number FA11206_TINA-M

Production ready

Family Tina Type Assembly LED XB-H Color Black Diameter 16.1 mm Height 9.5 mm Style Round **PMMA** Optic Material Holder Material

Fastening ["pin", "tape"]
Status Production ready



Product number FA11203_TINA-O

Family Tina Type Assembly LED XB-H Color Black Diameter 16.1 mm Height 9.4 mm Round Style **PMMA** Optic Material Holder Material

Fastening ["tape", "pin"]
Status Production ready



Product number FA11204_TINA-O

Family Tina Туре Assembly LED XB-H Color Black 16.1 mm Diameter 9.5 mm Height Style Round Optic Material **PMMA** Holder Material

Fastening ["pin", "tape"]
Status Production ready

FWHM 30 degrees
Efficiency 81 %
cd/lm 2.300
Gerber File Available

FWHM 31 degrees
Efficiency 80 %
cd/lm 2.300
Gerber File Available

FWHM 35+17 degrees Efficiency 83 %

cd/lm 3.700
Gerber File Available

FWHM 38+16 degrees Efficiency 83 %

cd/lm 3.600 Gerber File Available

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PRODUCT DATASHEET Tina series

last update 10/10/2013



Product number FA11207_TINA-W

Family Tina Type Assembly LED XB-H Color Black Diameter 16.1 mm Height 9.5 mm Style Round **PMMA** Optic Material Holder Material

Fastening ["tape", "pin"]
Status Production ready

Product number FA11211_TINA-W

Family Tina Type Assembly LED XB-H Color Black Diameter 16.1 mm Height 9.4 mm Style Round **PMMA** Optic Material Holder Material

Fastening ["pin", "tape"]
Status Production ready

Efficiency 87 % cd/lm 1.200 Gerber File Available

53 degrees

56 degrees

89 %

1.000

FWHM

FWHM

cd/lm

Efficiency

or Black Gerber File Available
meter 16.1 mm
ght 9.4 mm
e Round

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 Tina series

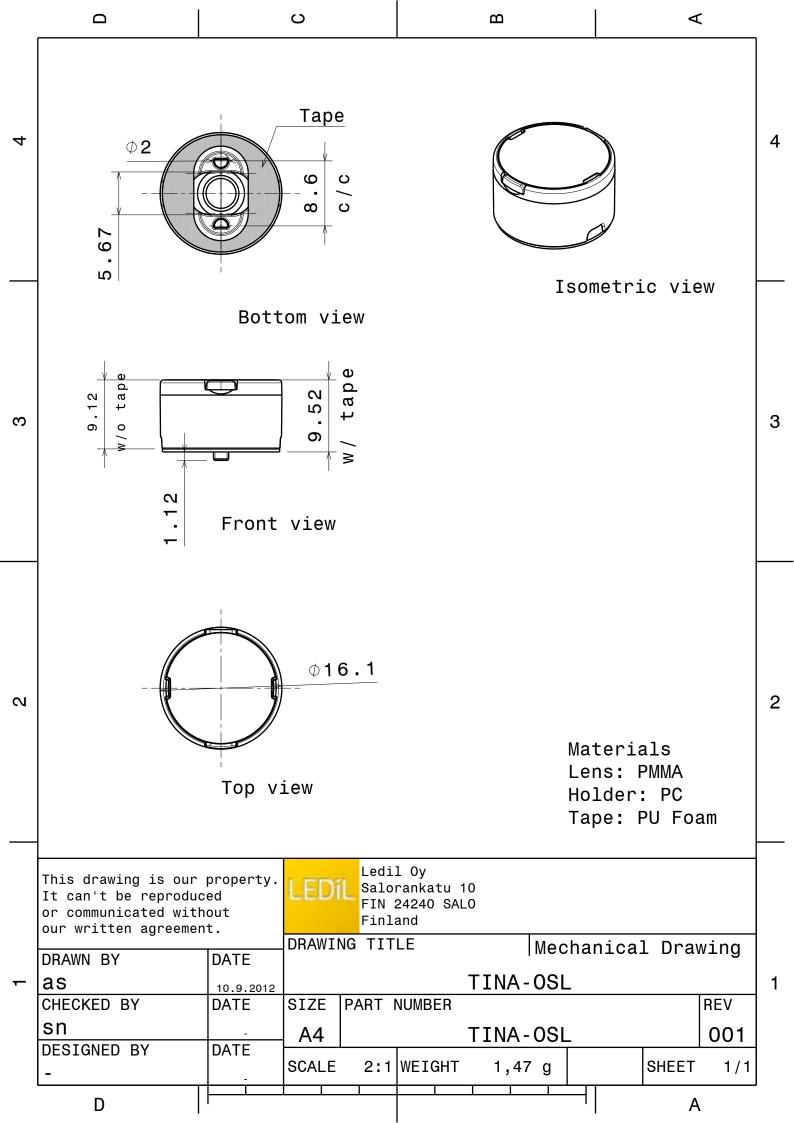
last update 10/10/2013

GENERAL INFORMATION

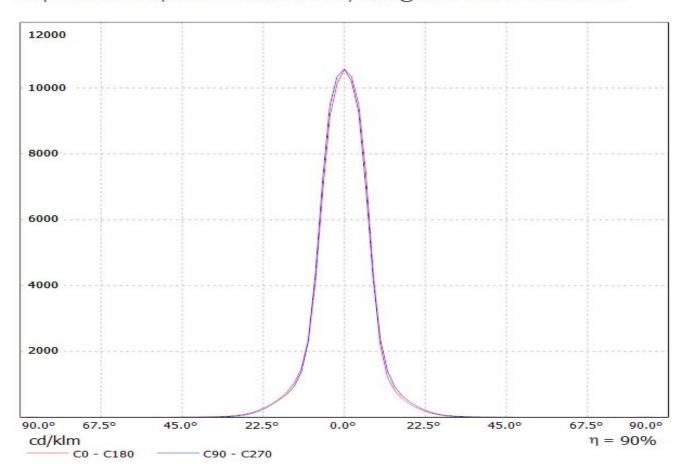
- Product series especially designed & optimized for XB-H series of LEDs.
- Special care taken to make light distribution as uniform as possible.
 Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

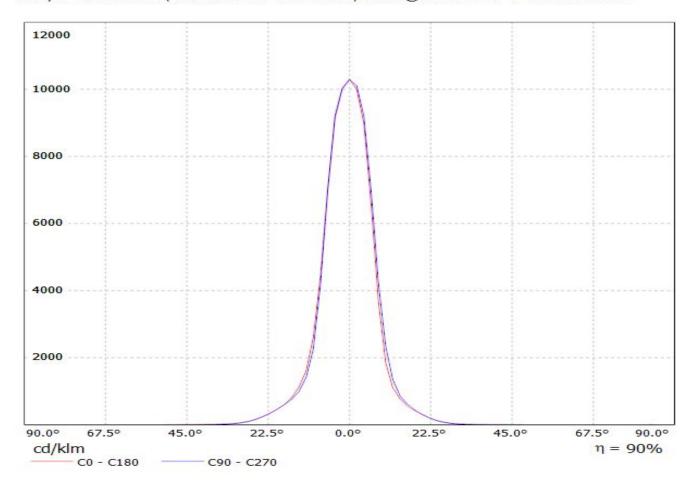
Please find more information about used material from below:

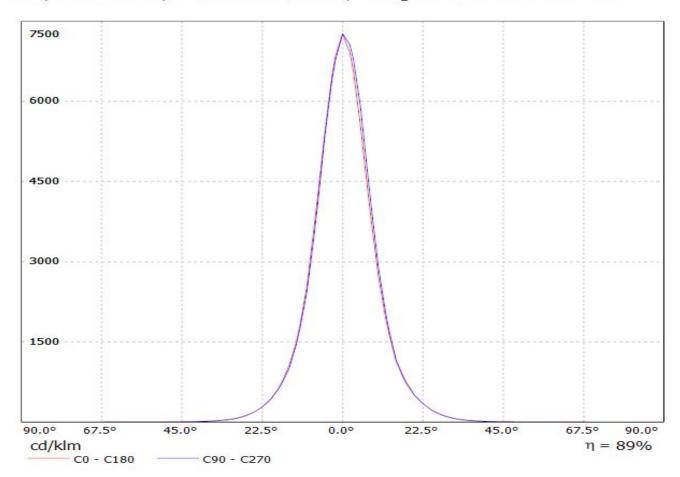
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20UL94_Yellow%20Card.pdf http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20PLEXIGLAS-Datasheet.pdf

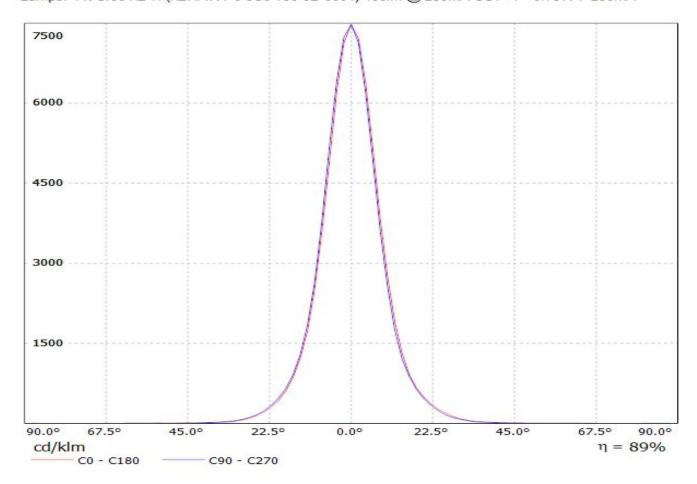


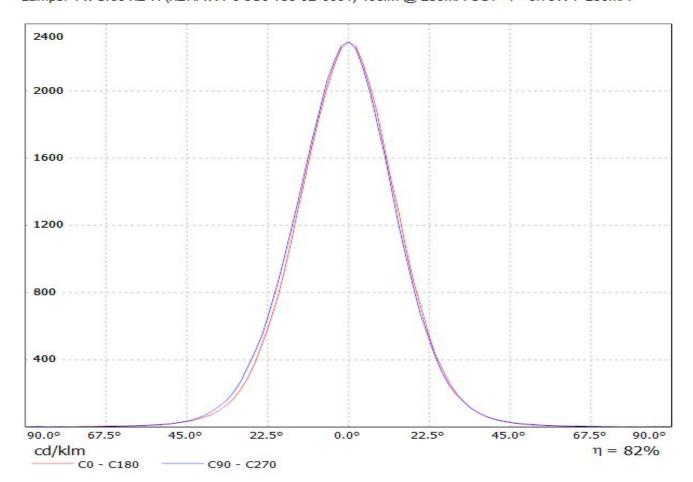
Luminaire: Ledil Oy FA11208_TINA-RS_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA

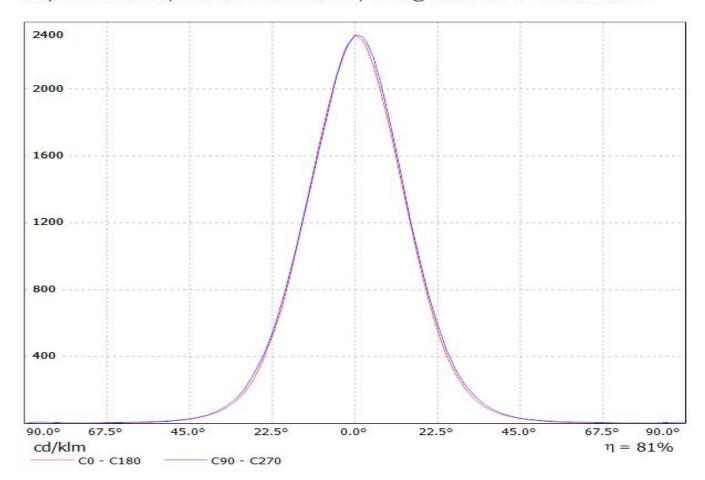


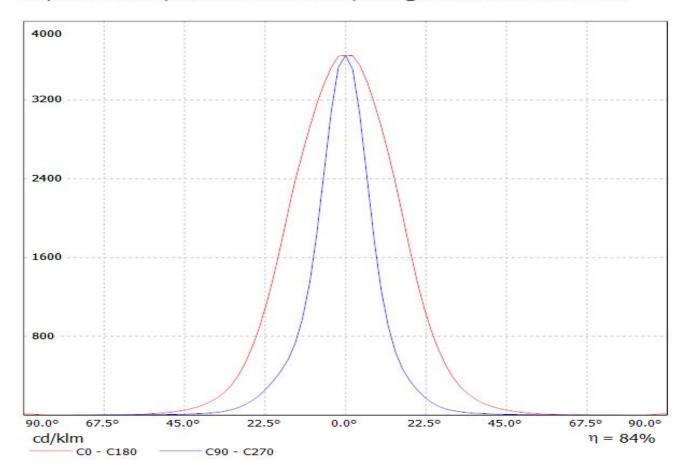




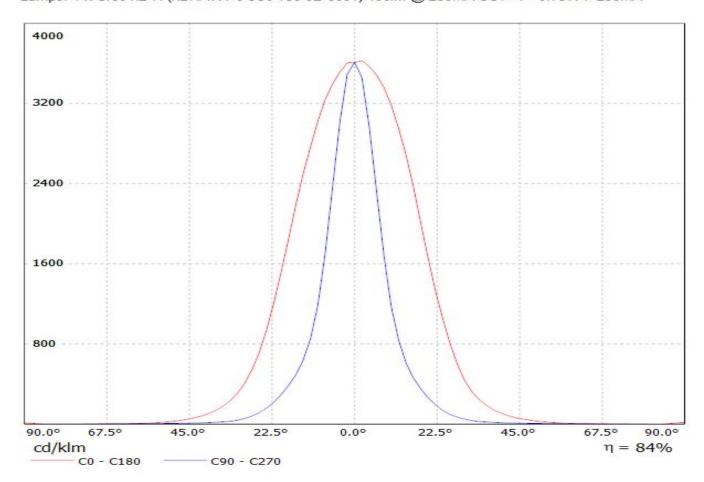


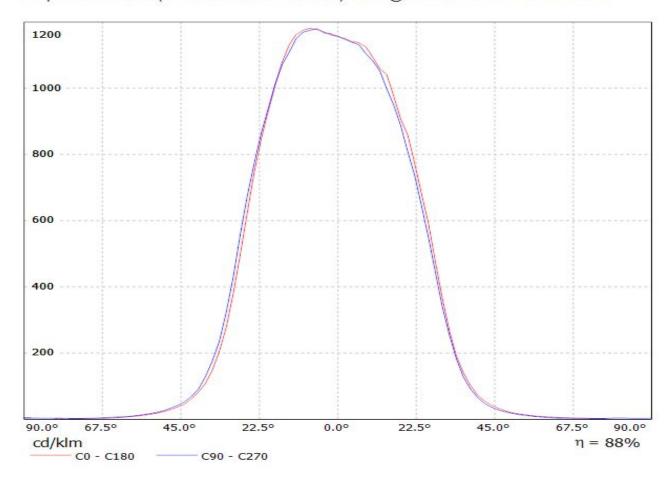


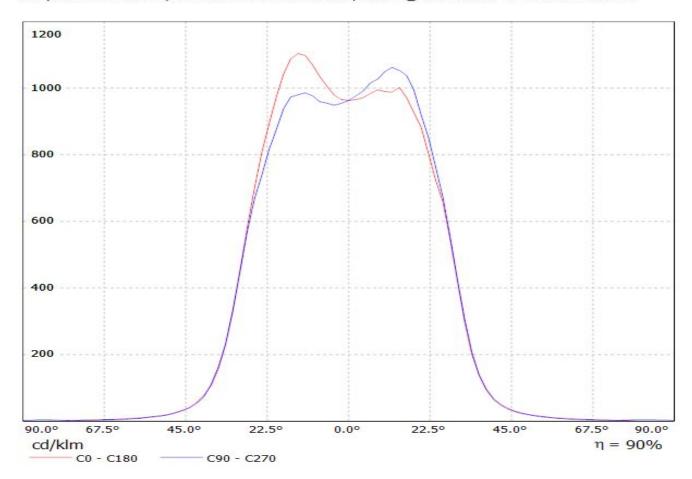




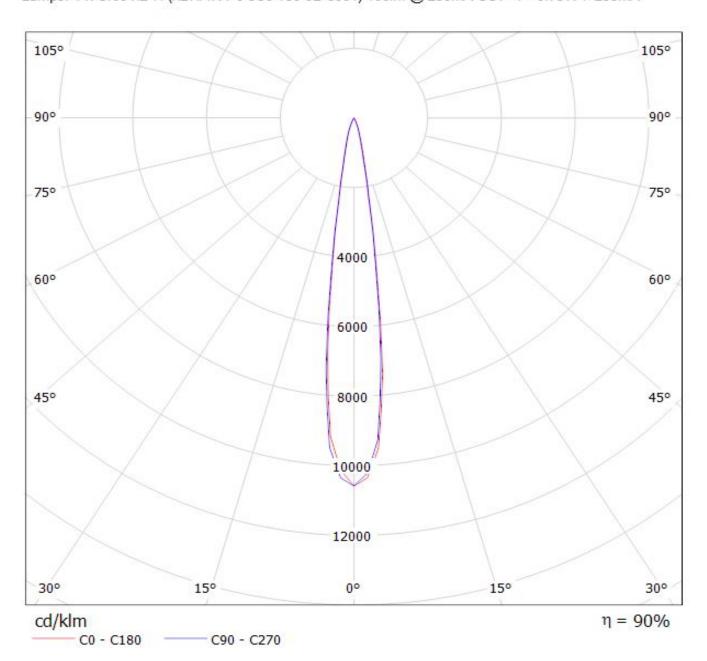
Luminaire: Ledil Oy FA11204_TINA-O_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



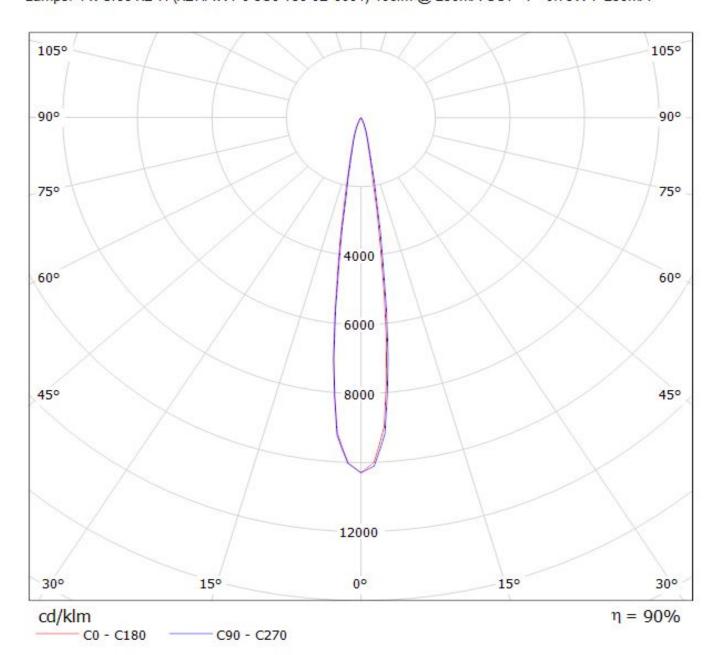




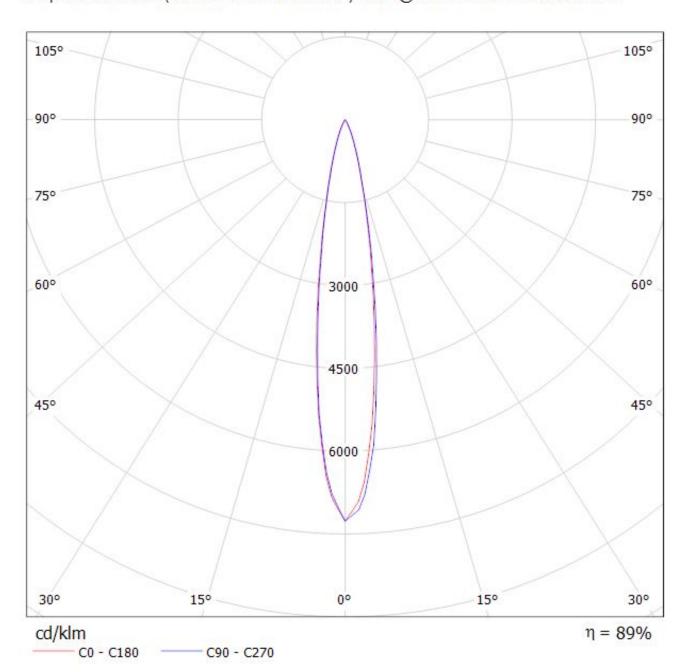
Luminaire: Ledil Oy FA11208_TINA-RS_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



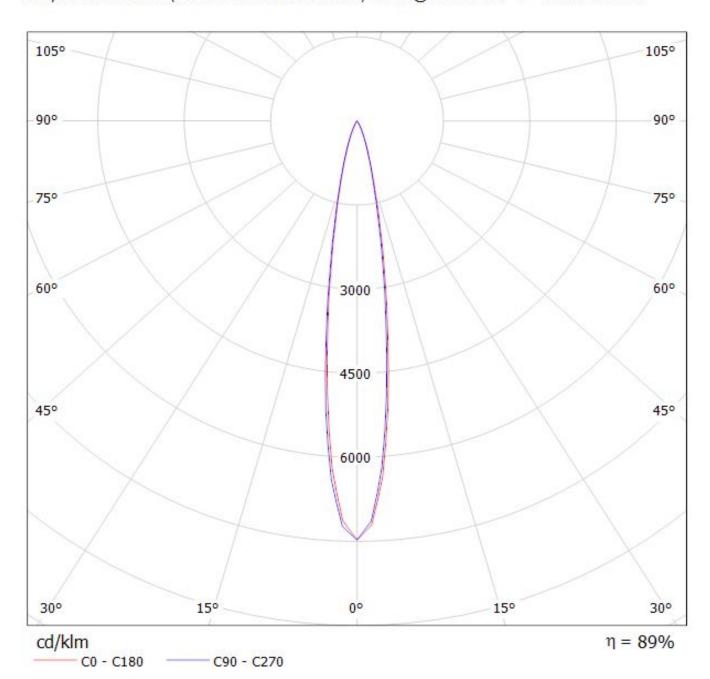
Luminaire: Ledil Oy FA11212_TINA-RS_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



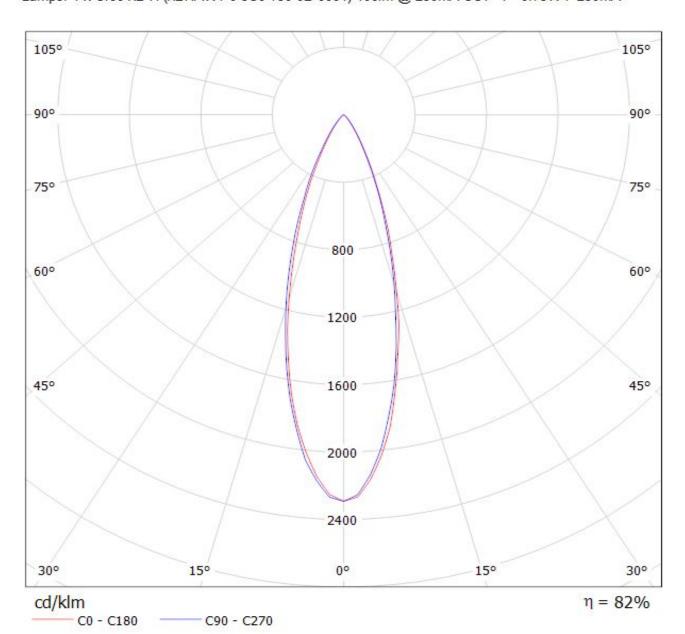
Luminaire: Ledil Oy FA11205_TINA-D_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



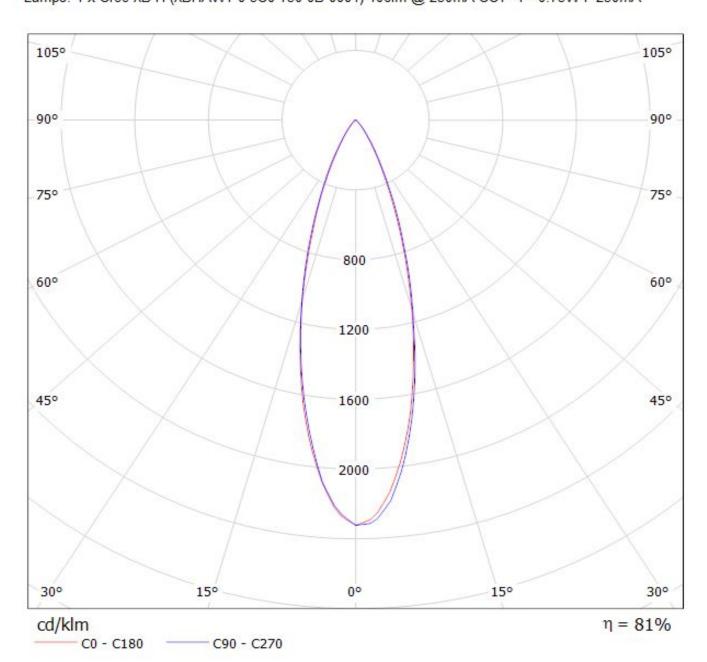
Luminaire: Ledil Oy FA11209_TINA-D_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



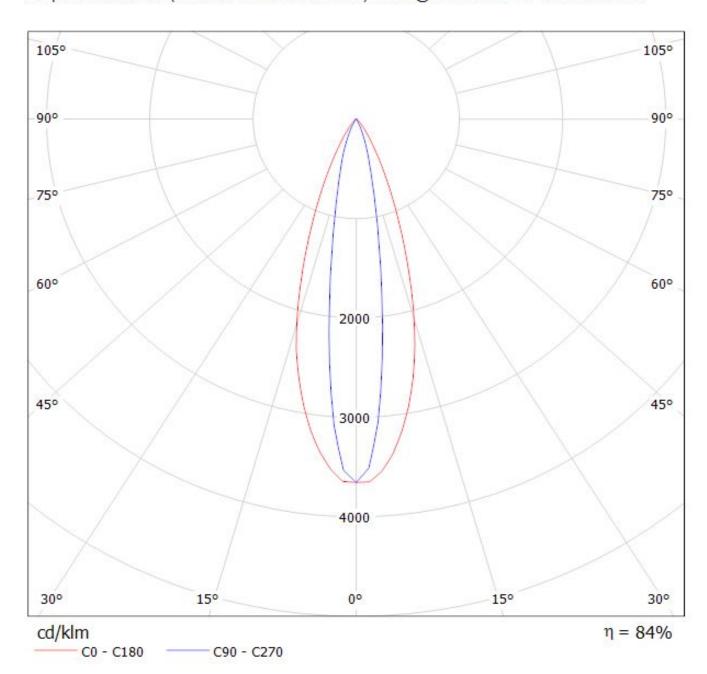
Luminaire: Ledil Oy FA11210_TINA-M_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



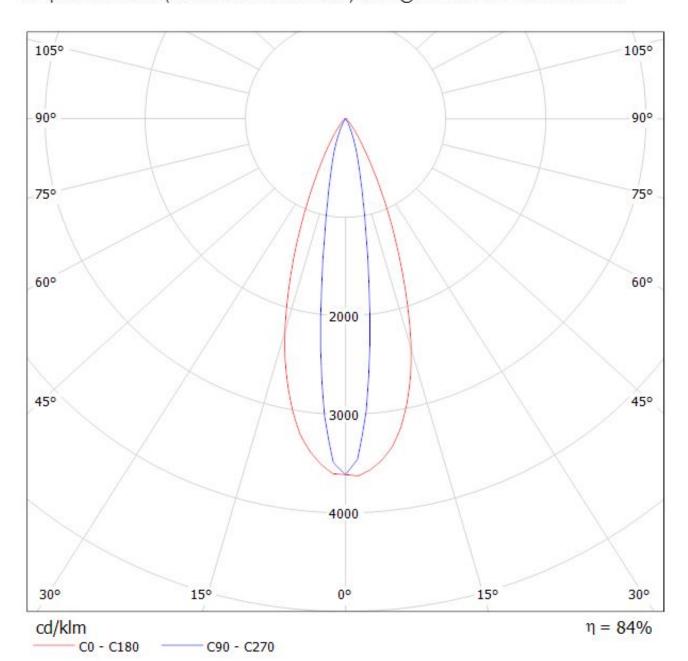
Luminaire: Ledil Oy FA11206_TINA-M_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



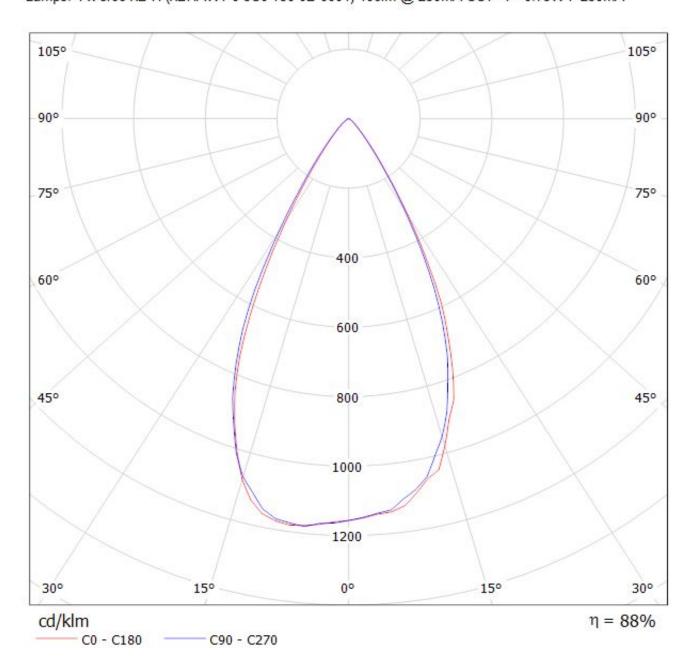
Luminaire: Ledil Oy FA11203_TINA-O_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3CO-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



Luminaire: Ledil Oy FA11204_TINA-O_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



Luminaire: Ledil Oy FA11207_TINA-W_(XB-H)
Lamps: 1 x cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA



Luminaire: Ledil Oy FA11211_TINA-W_(XB-H)
Lamps: 1 x Cree XB-H (XBHAWT-0-3C0-T50-0B-0001) 106lm @ 250mA CCT= P=0.73W I=250mA

