



# PRODUCT DATASHEET

## Ida series

last update 14/1/2016

## DETAILS

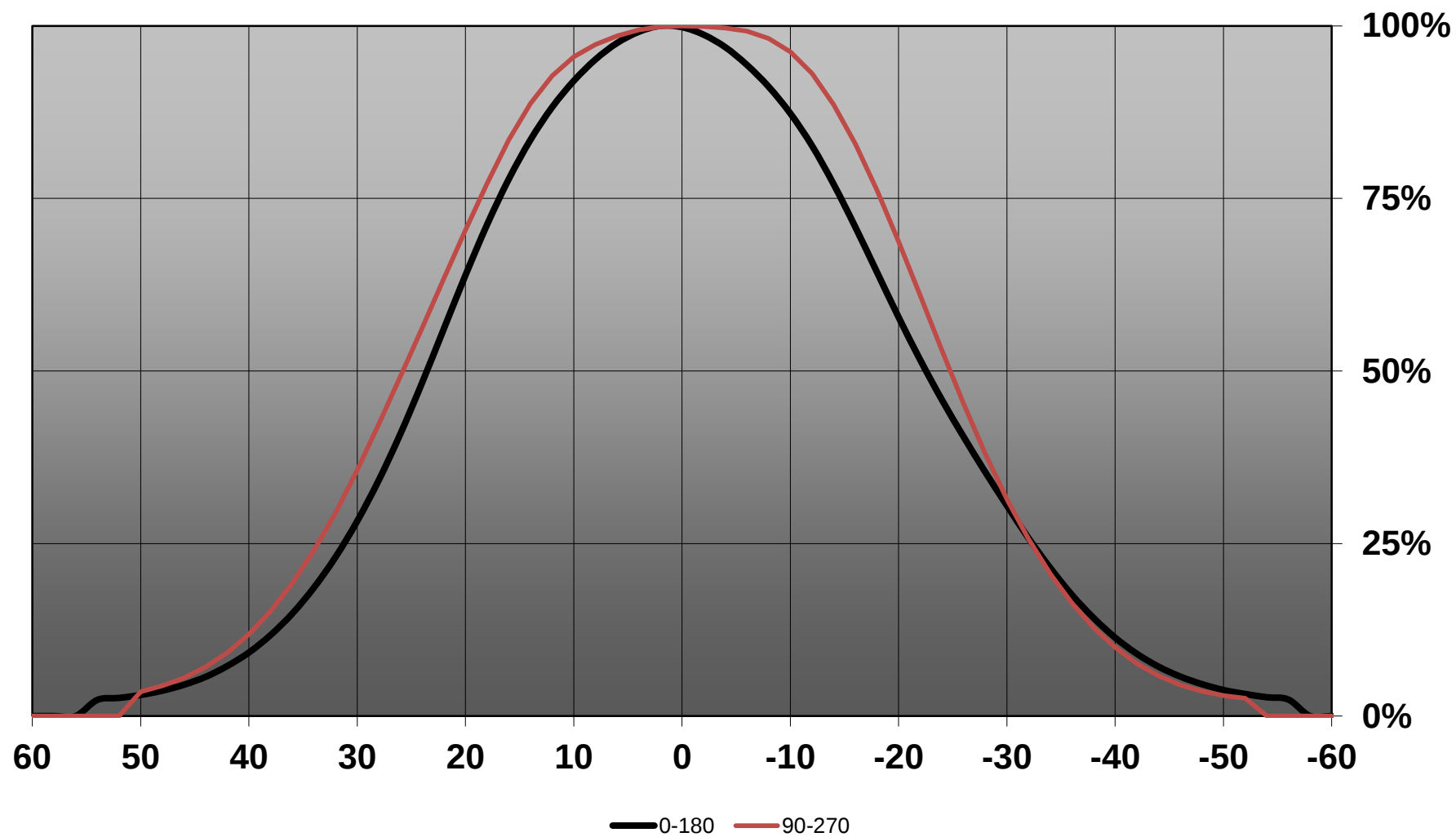
|                 |                  |
|-----------------|------------------|
| Product Number  | CP14612_IDA16-M  |
| Family          | Ida              |
| Type            | Assembly         |
| Color           | black            |
| Diameter        | 49,7 + 49,5 mm   |
| Height          | 9,2 mm           |
| Style           | square           |
| Optic Material  | PMMA             |
| Holder Material |                  |
| Fastening       | clips            |
| Status          | production ready |
| ROHS Compliant  | Yes              |
| Date Updated    | 14/01/2016       |



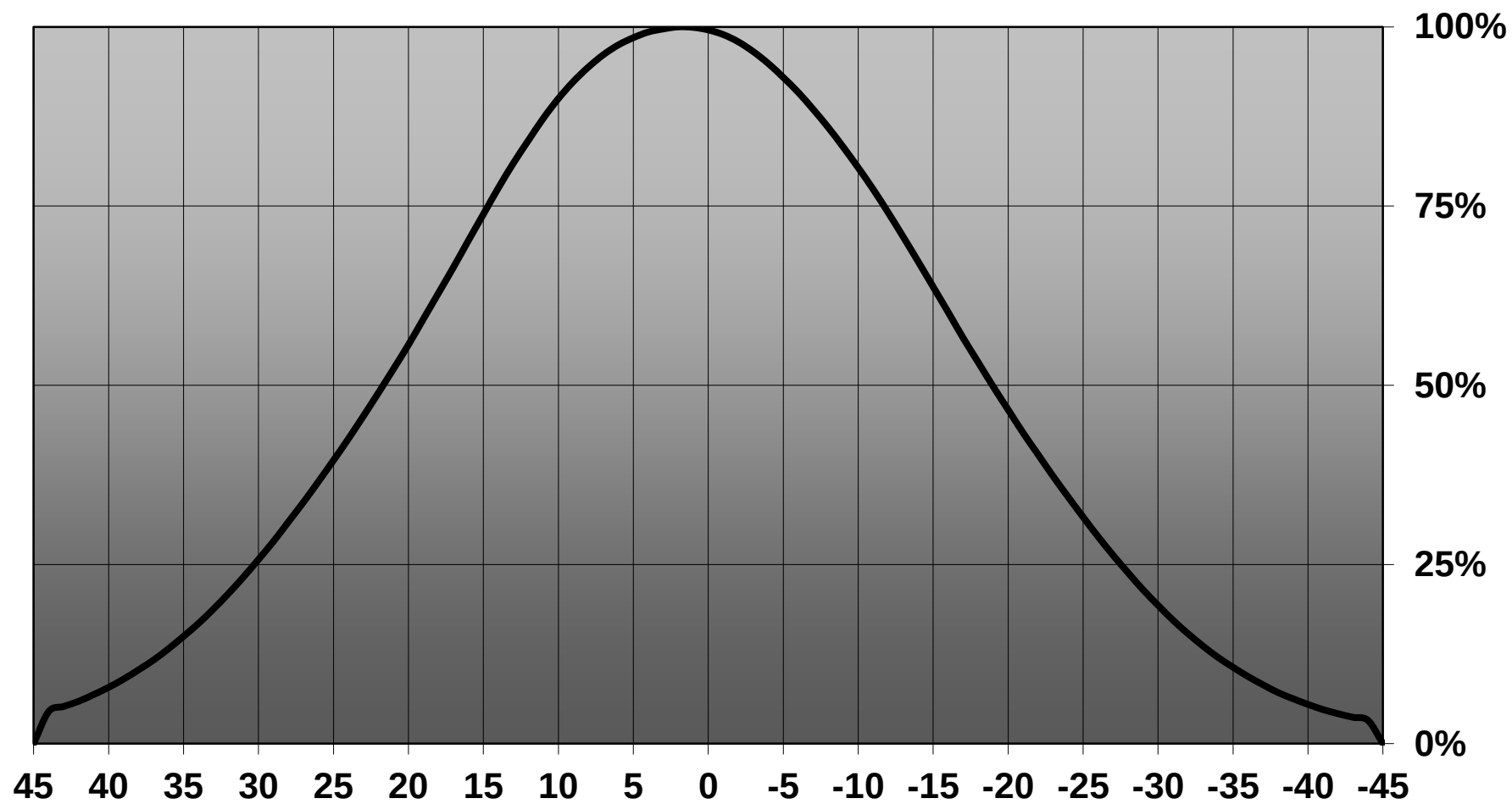
## OPTICAL PROPERTIES

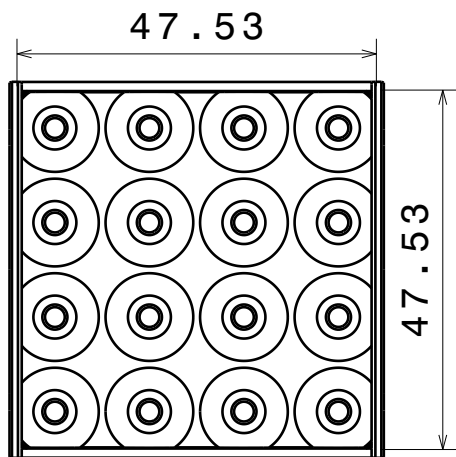
| LED               | Viewing<br>Angle | Light<br>Beam | Effi-<br>ciency | cd/lm | Connector |
|-------------------|------------------|---------------|-----------------|-------|-----------|
| NF2x757G          | 49 deg           | Medium        | 91 %            | 1.250 | -         |
| Duris S5 (2 chip) | sim: 40          | Medium        | sim: 92 %       | -     | -         |
| LM301A            | 41 deg           | Medium        | 87 %            | 1.600 | -         |

Relative intensity of CP14612\_IDA16-M\_(Nichia\_757G)

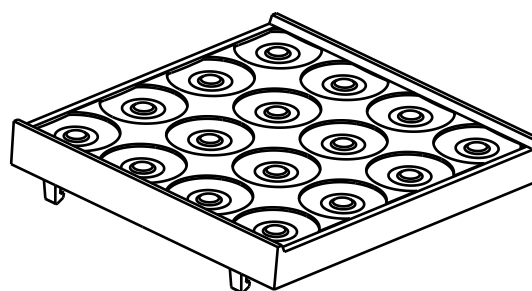
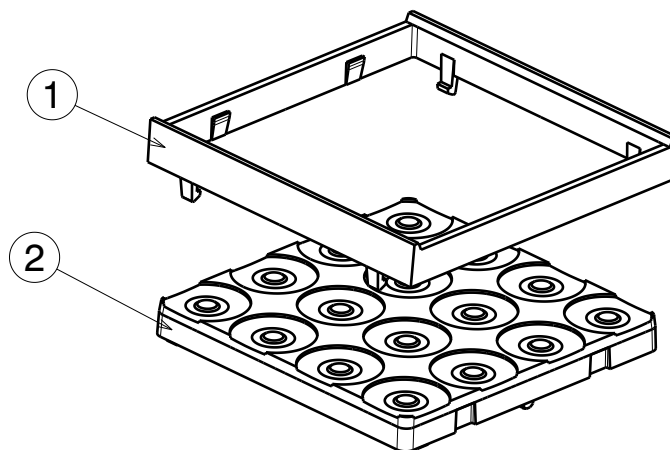


Relative intensity of CP14612\_IDA16-M\_(LM301A)

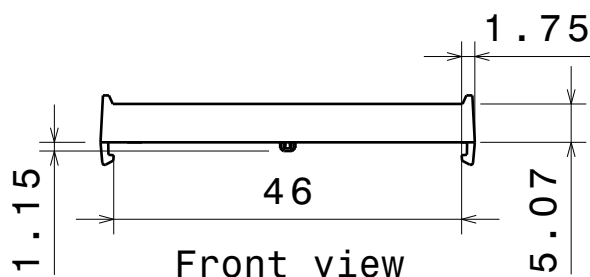




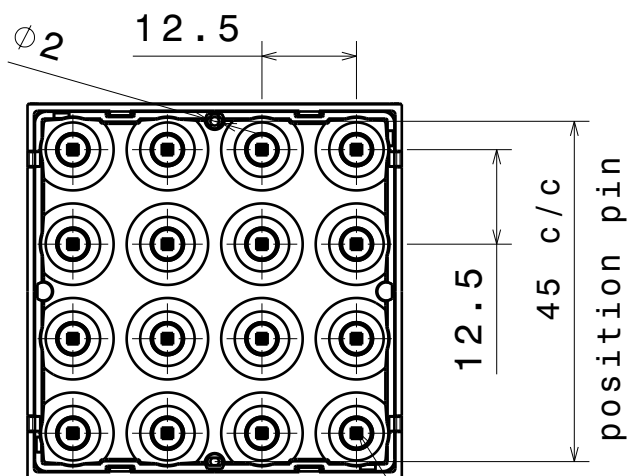
Top view



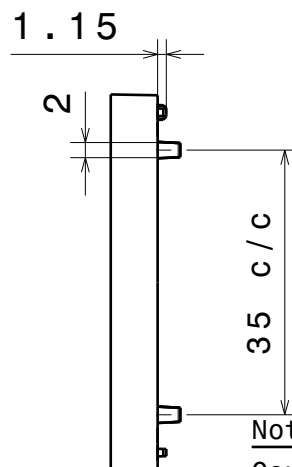
Isometric view  
Scale: 1:1



Front view



Bottom view



Note:  
Countersunk screws required  
for PCB attachment.

LED position

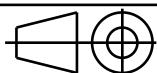
| INDEX | PART NO | DESCRIPTION  | MATERIAL | COLOUR |
|-------|---------|--------------|----------|--------|
| 1     | C14537  | IDA16-M      | PMMA     | Clear  |
| 2     | C14538  | IDA16-HLD-16 | PC       | black  |

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

Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

CP14612\_IDA16-M

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SIZE

A4

PART NUMBER

CP14612

SCALE

1:1

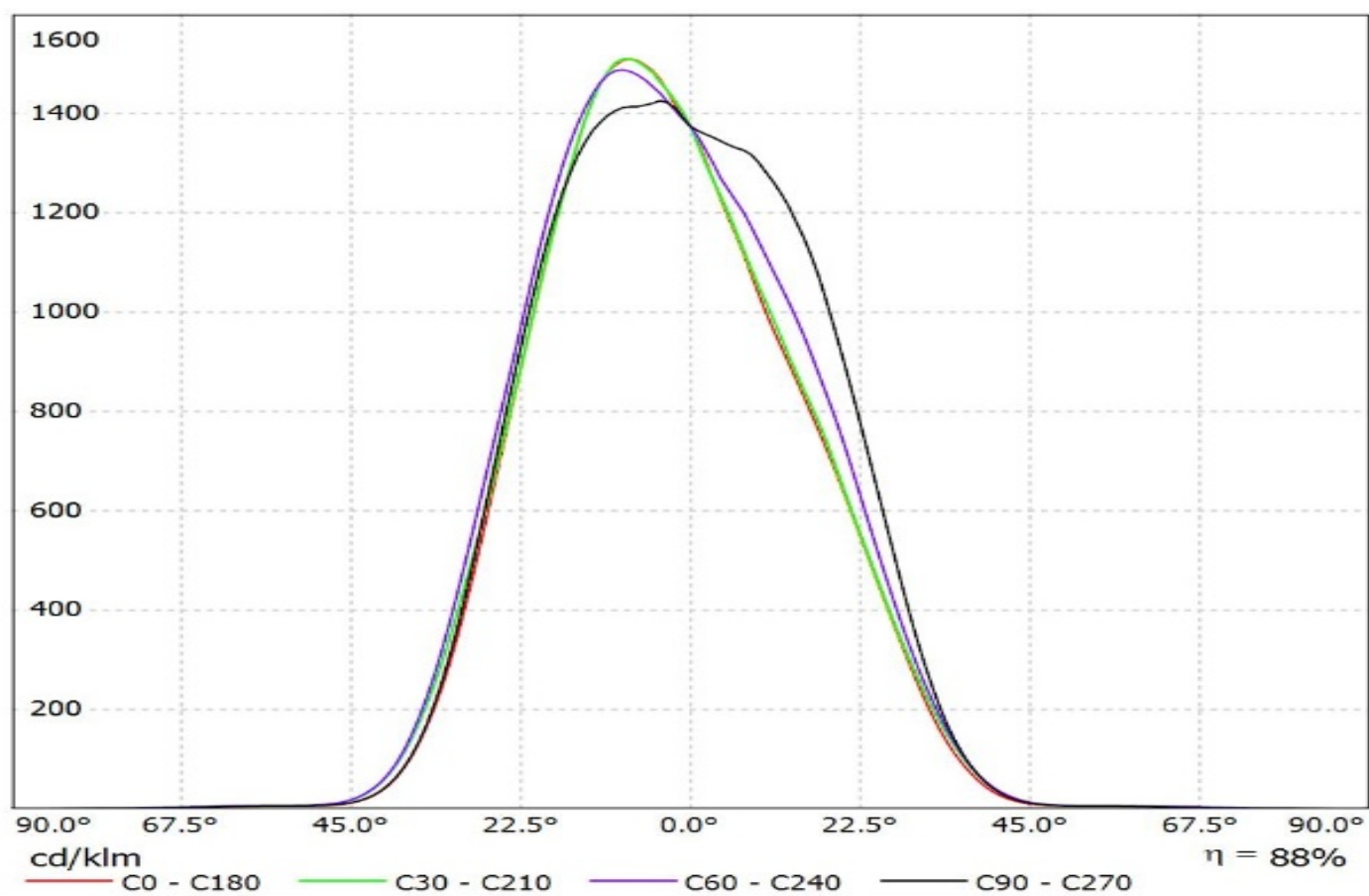
WEIGHT

7,2 g

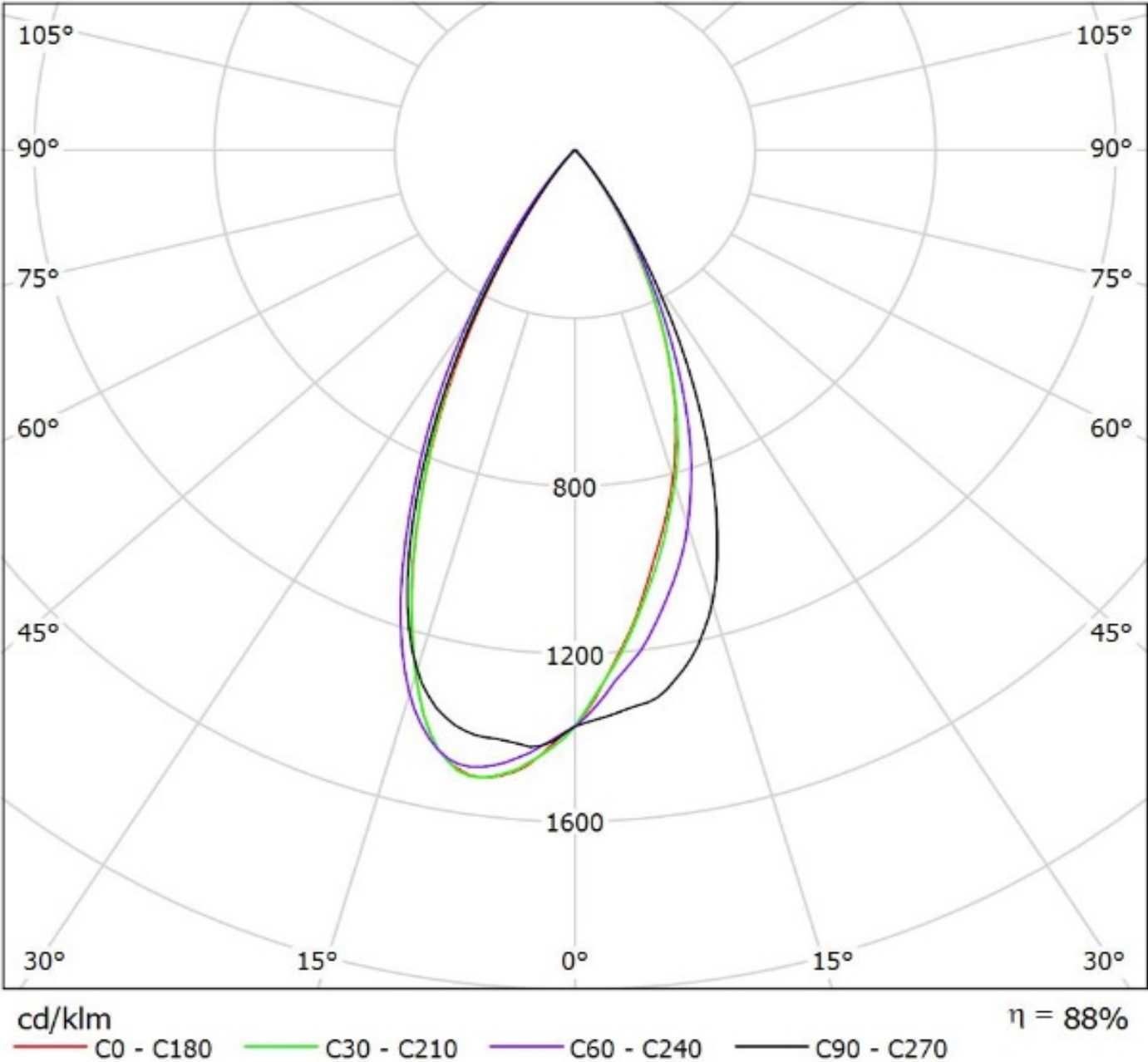
SHEET

1/1

Luminaire: Ledil Oy CP14612\_IDA16-M\_(NF2W757GR)\_SIMULATED  
Lamps: 1 x Nichia NF2W757GR



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Lamps: 1 x Nichia NF2W757GR



**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.**