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# Test Measurement Report

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**Lamp Description:**

Test: 20/03/2019

Manufacturer: METEOR d.o.o

Test laboratory: Meteor Lab

Luminarie category: Solid State Lighting

Luminarie: ORION S2 LED 100 W

Lamp Category: LED

Lamp: ORION S2 LED 100 W

Rated lumens: 10000,0 lm

Power: 100,0 W

Average color temperature : 3117 K

Gama 0 color temperature : 3210 K

Min color temperature : 2962 K

Max color temperature : 3212 K

**Test Description:**

Measure distance: 10,0 m

Lateral pitch: 10,0 °

Vertical pitch: 10,0 °

Lateral scan angle: 360,0 °

Vertical scan angle: 90,0 °

Light sensor: Minolta CL-200A

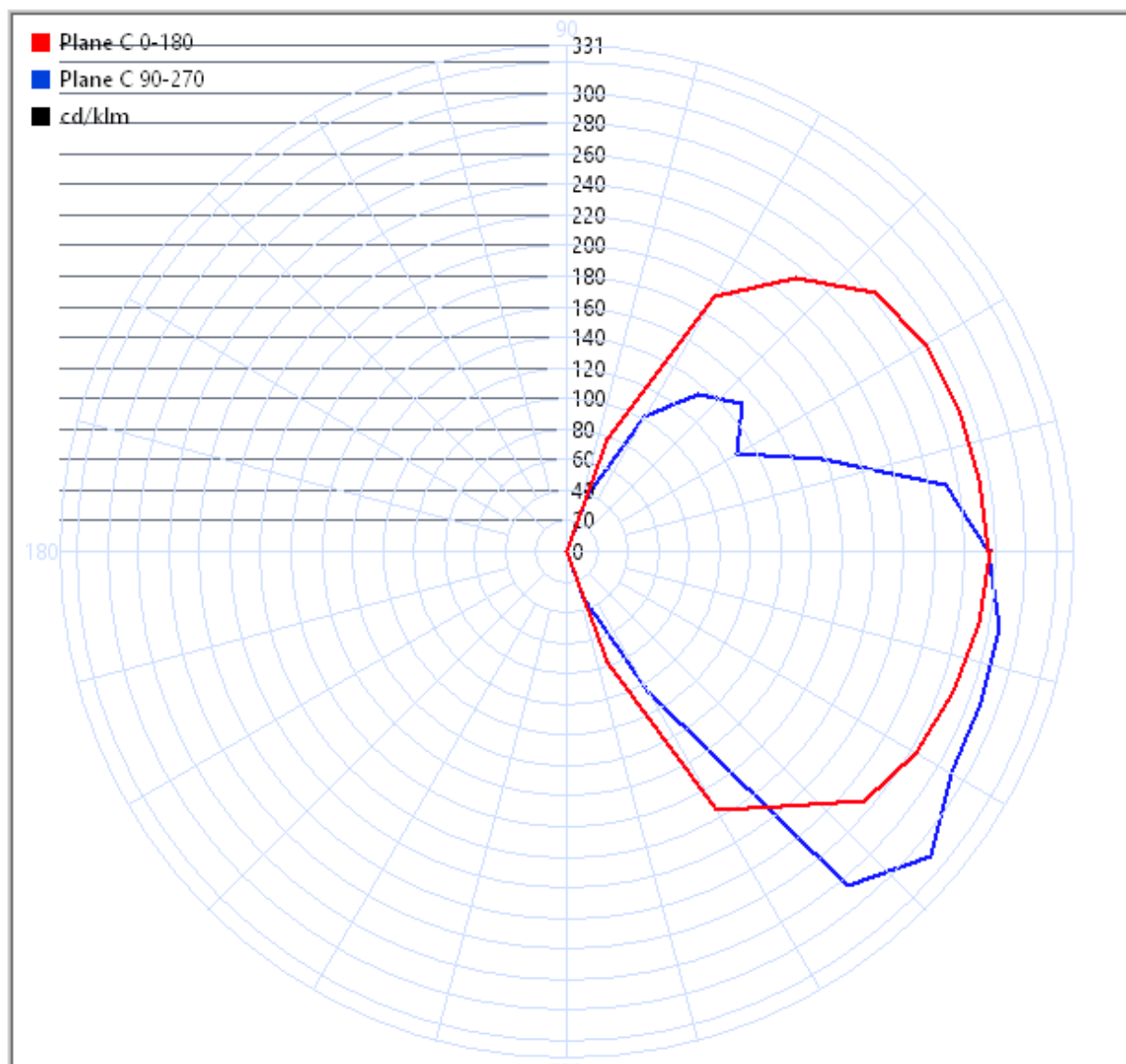
Issue date: 20.3.2019. 14.30

## Bug Ratings

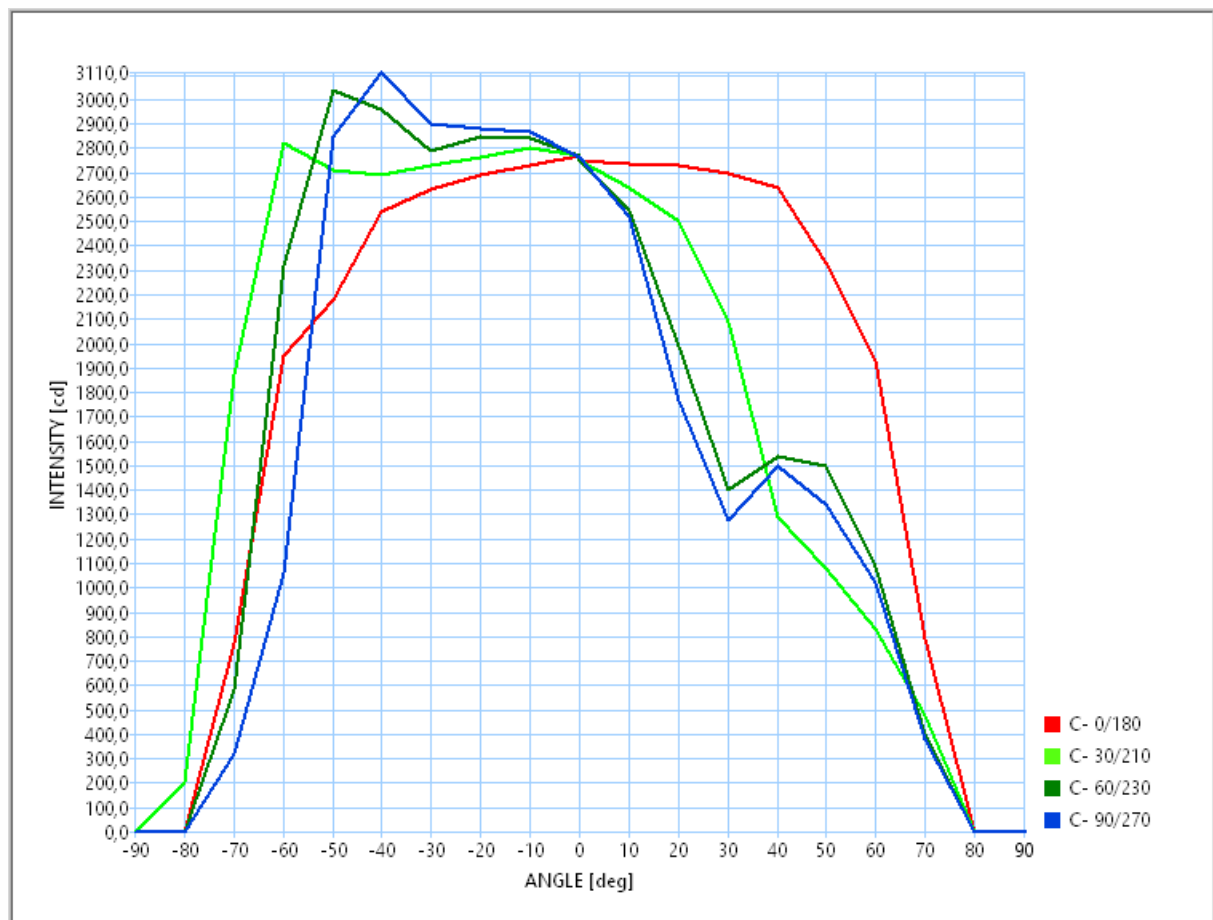
|                | Lumens   | Lumens [%] |
|----------------|----------|------------|
| Forward Light  |          |            |
| Forward Lumens | 4358,636 | 50,597     |
| FL (0°-30°)    | 1066,581 | 12,381     |
| FM (30°-60°)   | 2445,648 | 28,390     |
| FH (60°-80°)   | 828,980  | 9,623      |
| FVH (80°-90°)  | 17,427   | 0,202      |
| Back Light     |          |            |
| Back Lumens    | 4255,828 | 49,403     |
| BL (0°-30°)    | 1065,165 | 12,365     |
| BM (30°-60°)   | 2391,475 | 27,761     |
| BH (60°-80°)   | 788,731  | 9,156      |
| BVH (80°-90°)  | 10,456   | 0,121      |
| Up Light       |          |            |
| Up Lumens      | 0,000    | 0,000      |
| UL (90°-100°)  | 0,000    | 0,000      |
| UH (100°-180°) | 0,000    | 0,000      |
| Total Lumens   | 8614,464 | 100,000    |

| Back Light | Up Light | Glare |
|------------|----------|-------|
| B2         | U0       | G2    |

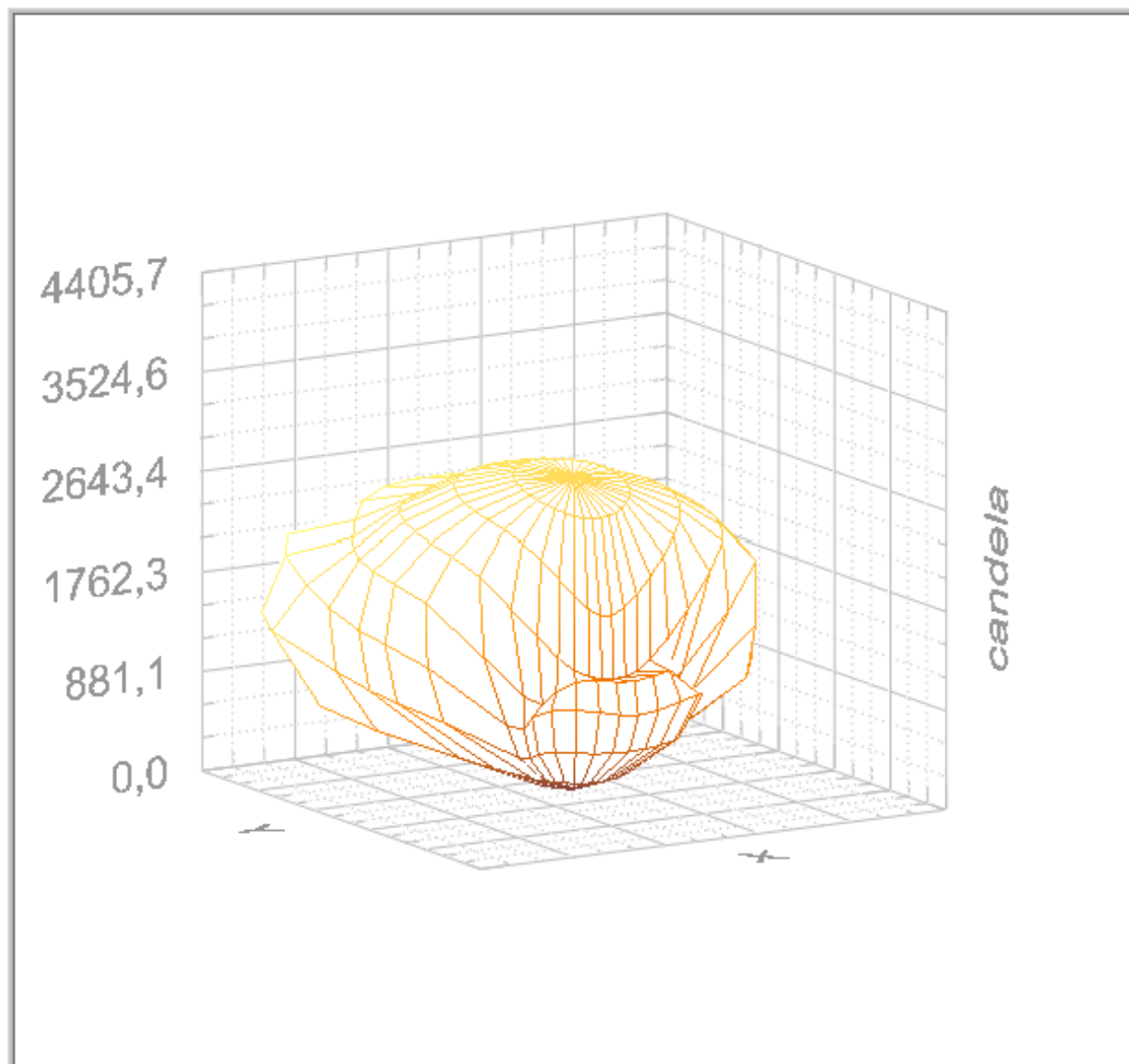
## POLAR LIGHT DISTRIBUTION

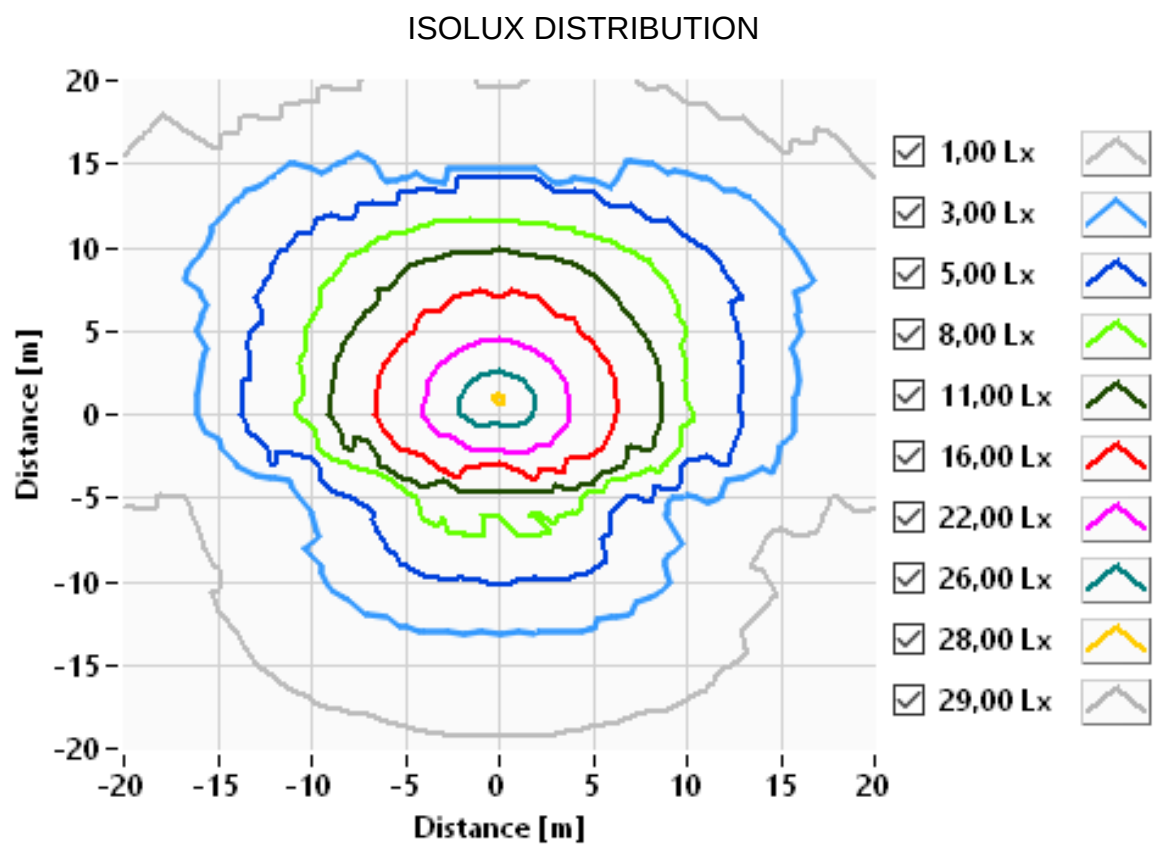


## CARTESIAN LIGHT DISTRIBUTION

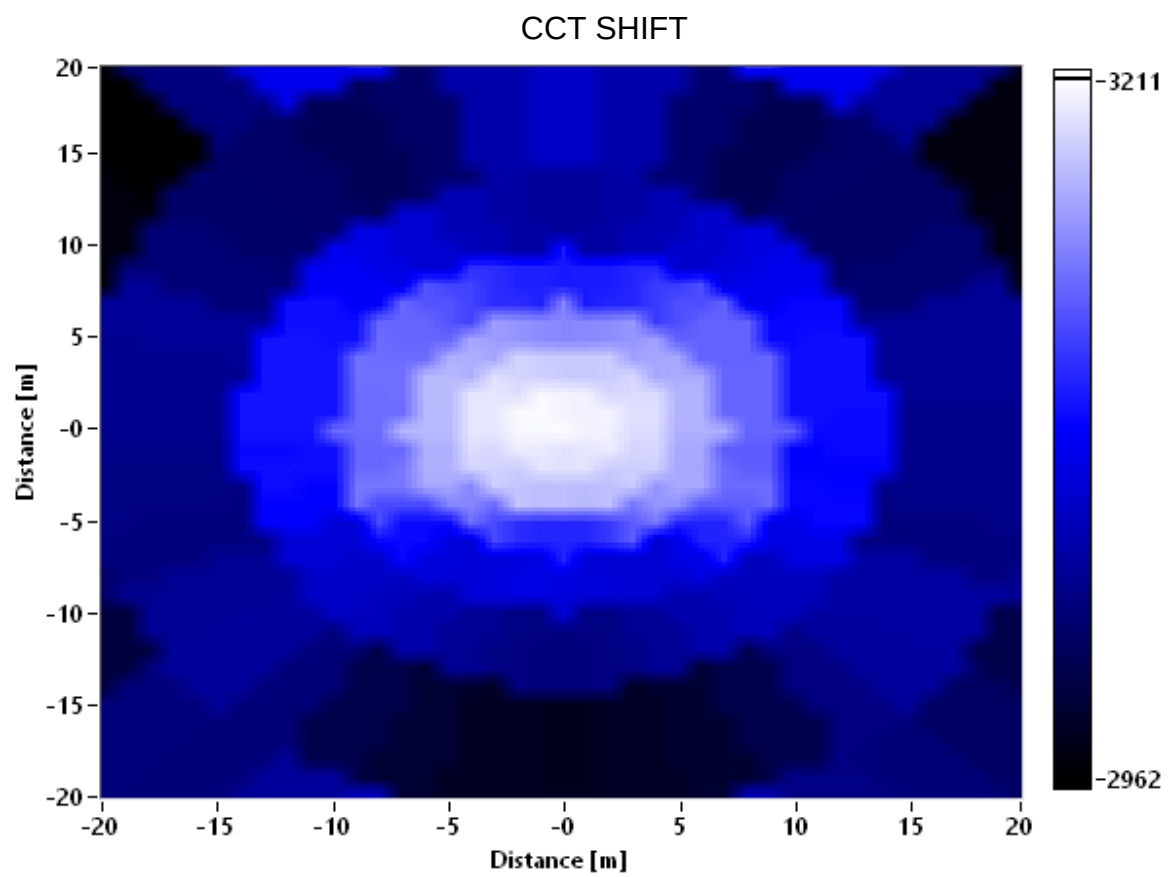


## 3D LIGHT DISTRIBUTION





Lamp height: 10,00 m



Lamp height: 10,00 m

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