
Test Measurement Report

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Lamp Description:

Test: 17/06/2022

Manufacturer: METEOR d.o.o

Test laboratory: Meteor Lab

Luminarie category: Solid State Ligting

Luminarie: Grof Fenjer

Lamp Category: LED

Lamp: led 50W

Rated lumens: 5000,0 lm

Power: 50,0 W

Average color temperature : 4297 K

Gama 0 color temperature : 5552 K

Min color temperature : 3657 K

Max color temperature : 5559 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

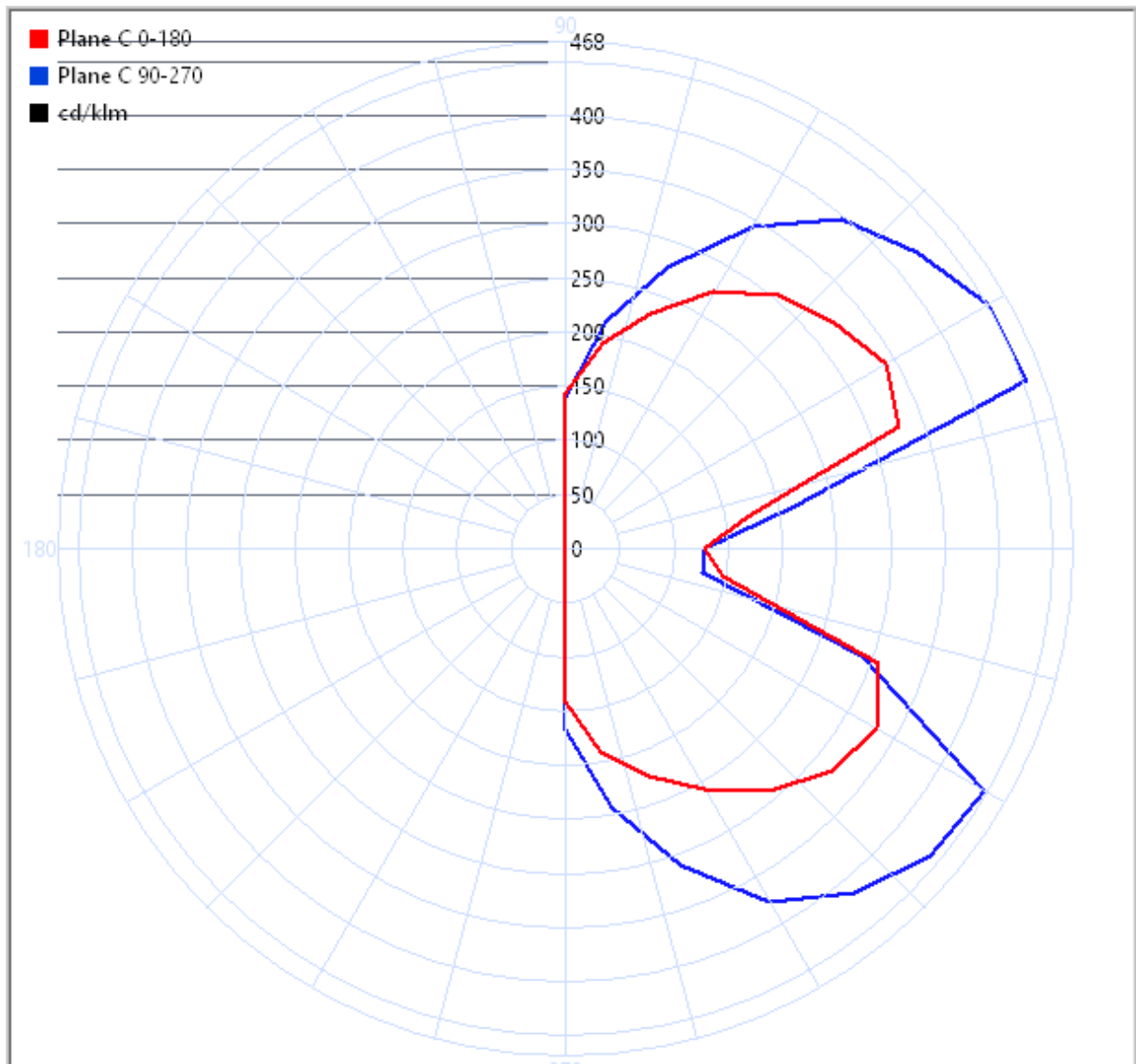
Issue date: 17.6.2022. 09.40

Bug Ratings

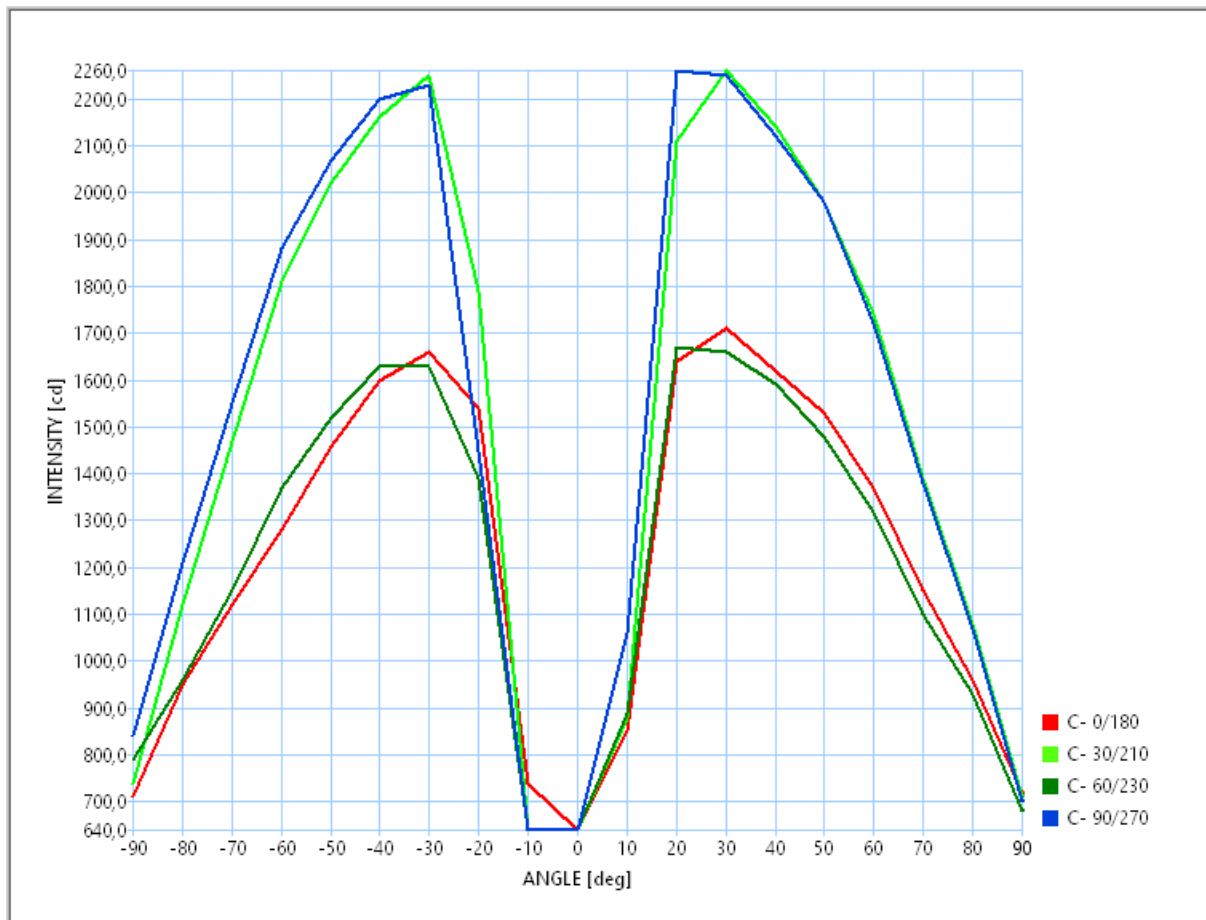
| | Lumens | Lumens [%] |
|----------------|----------|------------|
| Forward Light | | |
| Forward Lumens | 4514,622 | 50,459 |
| FL (0°-30°) | 635,432 | 7,102 |
| FM (30°-60°) | 2049,109 | 22,902 |
| FH (60°-80°) | 1342,285 | 15,002 |
| FVH (80°-90°) | 487,796 | 5,452 |
| Back Light | | |
| Back Lumens | 4432,527 | 49,541 |
| BL (0°-30°) | 611,603 | 6,836 |
| BM (30°-60°) | 2015,628 | 22,528 |
| BH (60°-80°) | 1321,742 | 14,773 |
| BVH (80°-90°) | 483,553 | 5,405 |
| Up Light | | |
| Up Lumens | 0,000 | 0,000 |
| UL (90°-100°) | 0,000 | 0,000 |
| UH (100°-180°) | 0,000 | 0,000 |
| Total Lumens | 8947,149 | 100,000 |

| Back Light | Up Light | Glare |
|------------|-----------|-----------|
| B3 | U0 | G3 |

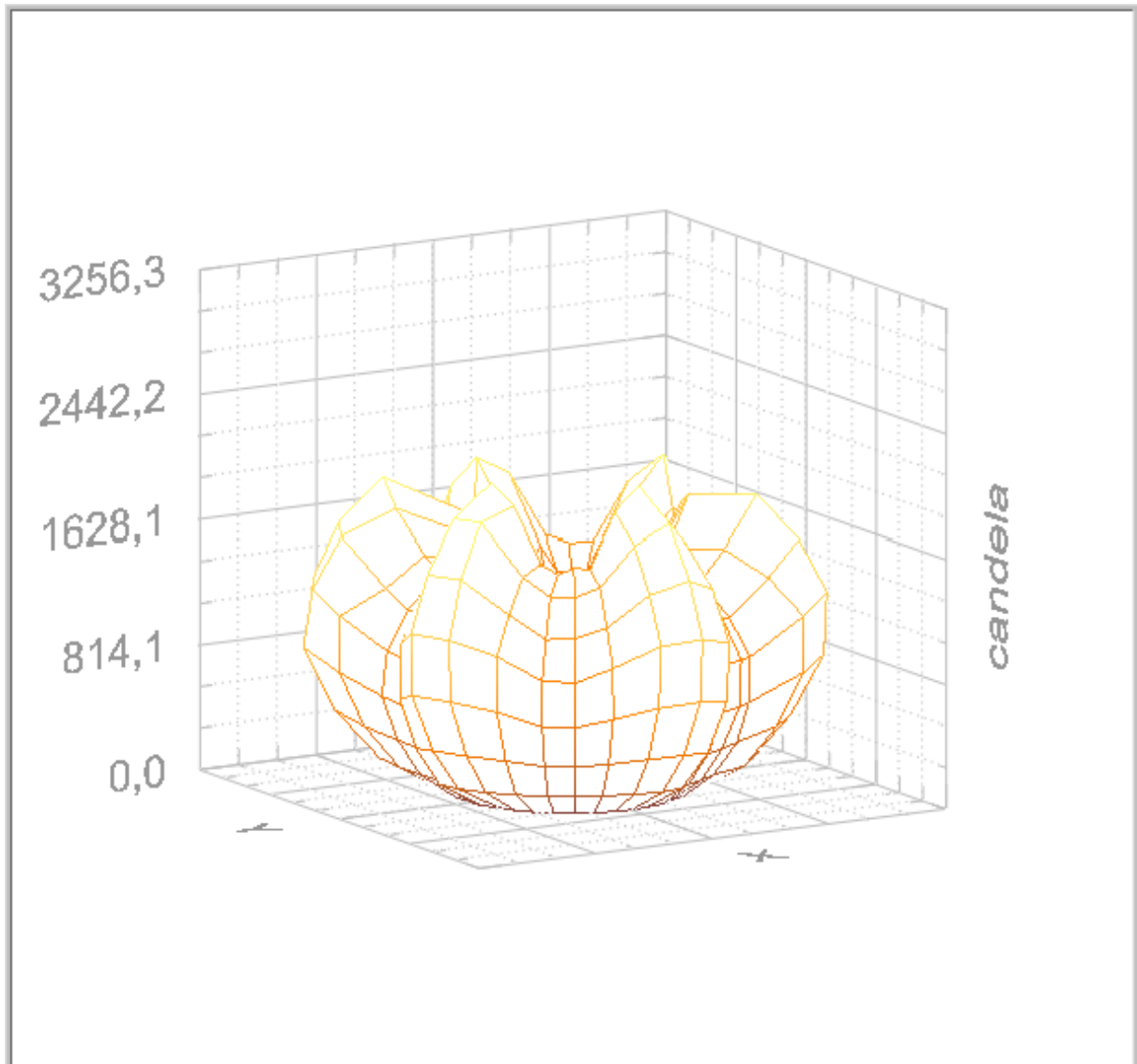
POLAR LIGHT DISTRIBUTION

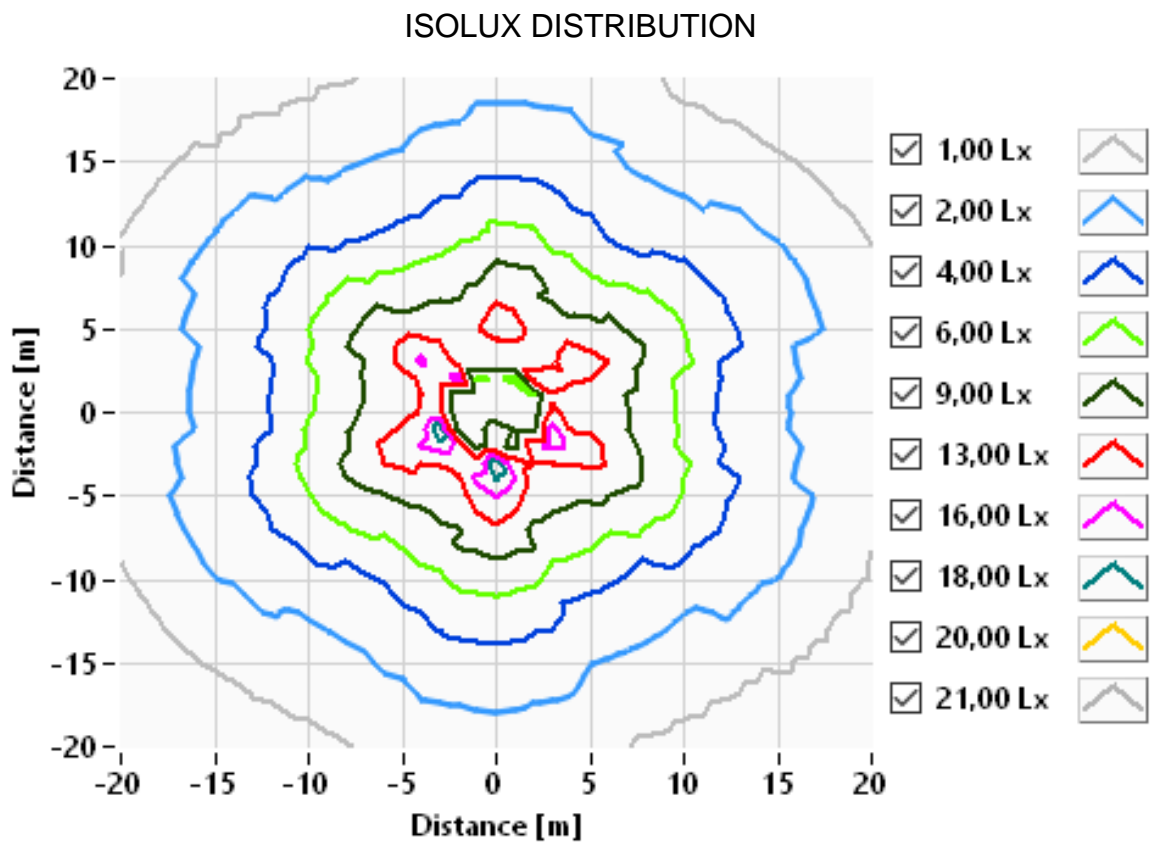


CARTESIAN LIGHT DISTRIBUTION

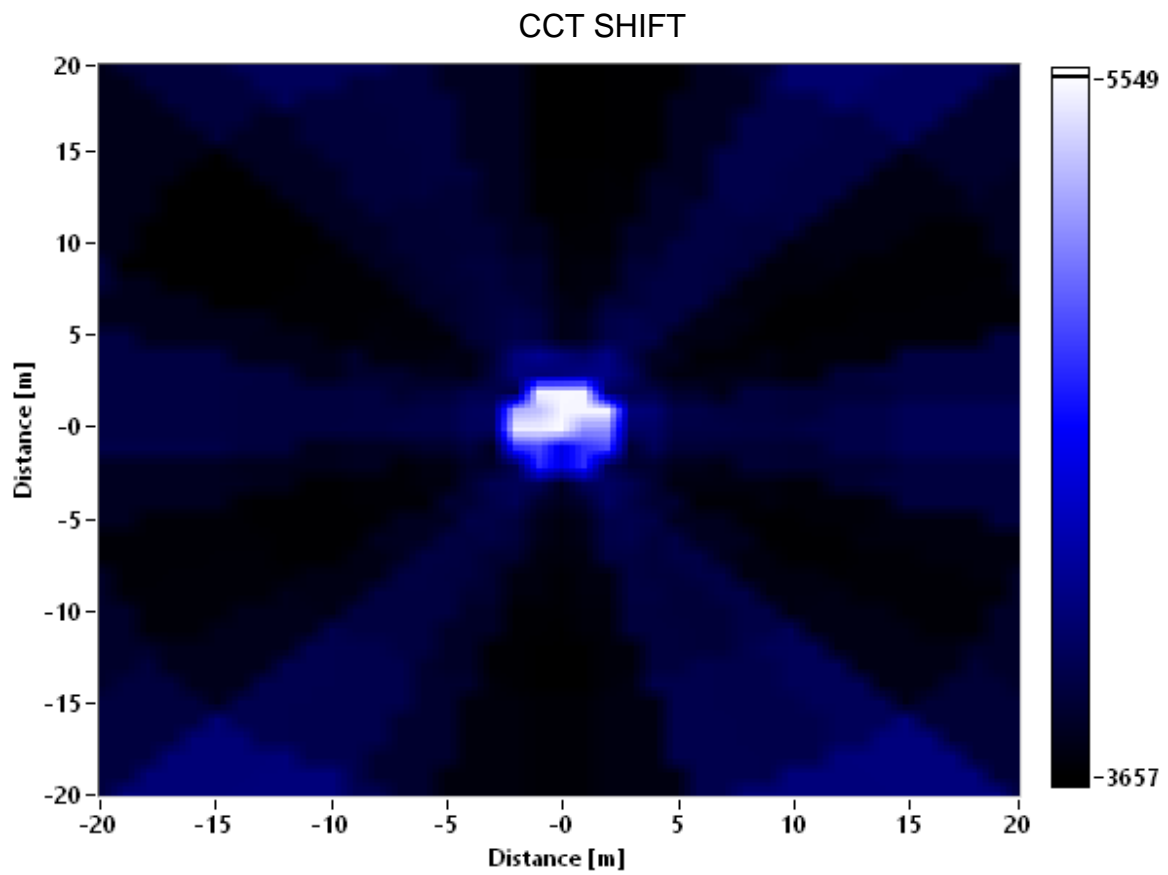


3D LIGHT DISTRIBUTION





Lamp height: 10,00 m



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