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# Test Measurement Report

Meteor , Bulevar despota Stefana 43  
11000 Beograd , Srbija  
Tel: +381112972251  
Email: [office@meteorbeograd.com](mailto:office@meteorbeograd.com)

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**Lamp Description:**

Test: 11/07/2018/02

Manufacturer: METEOR d.o.o

Test laboratory: Meteor Lab

Luminarie category: Solid State Ligting

Luminarie: Rotonda 50W-BG2

Lamp Category: LED

Lamp: led 50W

Rated lumens: 5000,0 lm

Power: 50,0 W

Average color temperature : 3080 K

Gama 0 color temperature : 3087 K

Min color temperature : 2783 K

Max color temperature : 3728 K

**Test Description:**

Measure distance: 10,0 m

Lateral pitch: 5,0 °

Vertical pitch: 5,0 °

Lateral scan angle: 360,0 °

Vertical scan angle: 90,0 °

Light sensor: Minolta CL-200A

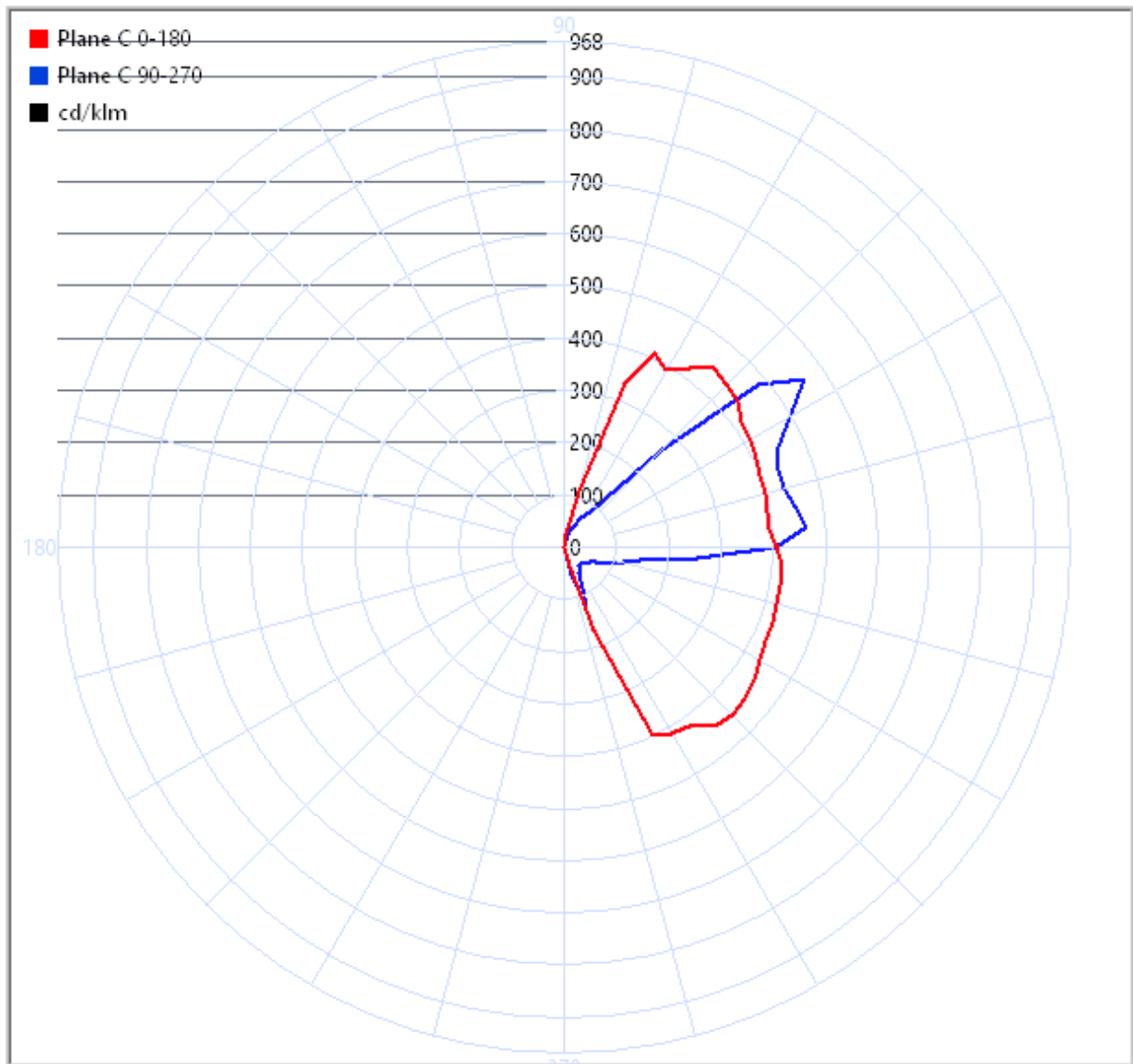
Issue date: 2.4.2019. 10.44

## Bug Ratings

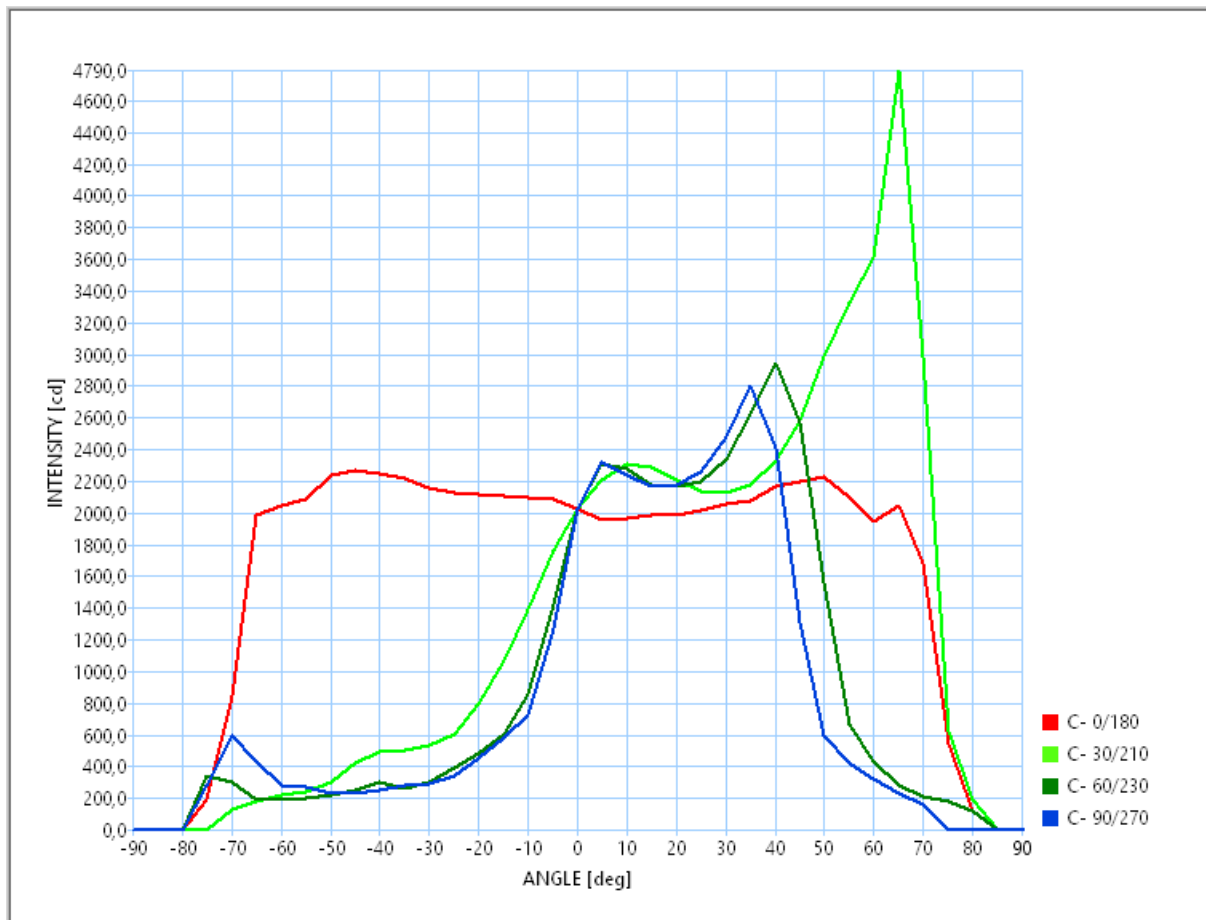
	Lumens	Lumens [%]
Forward Light		
Forward Lumens	2900,914	50,258
FL (0°-30°)	641,691	11,117
FM (30°-60°)	1538,280	26,651
FH (60°-80°)	709,772	12,297
FVH (80°-90°)	11,171	0,194
Back Light		
Back Lumens	2871,119	49,742
BL (0°-30°)	661,989	11,469
BM (30°-60°)	1621,931	28,100
BH (60°-80°)	587,199	10,173
BVH (80°-90°)	0,000	0,000
Up Light		
Up Lumens	0,000	0,000
UL (90°-100°)	0,000	0,000
UH (100°-180°)	0,000	0,000
Total Lumens	5772,032	100,000

Back Light	Up Light	Glare
<b>B2</b>	<b>U0</b>	<b>G2</b>

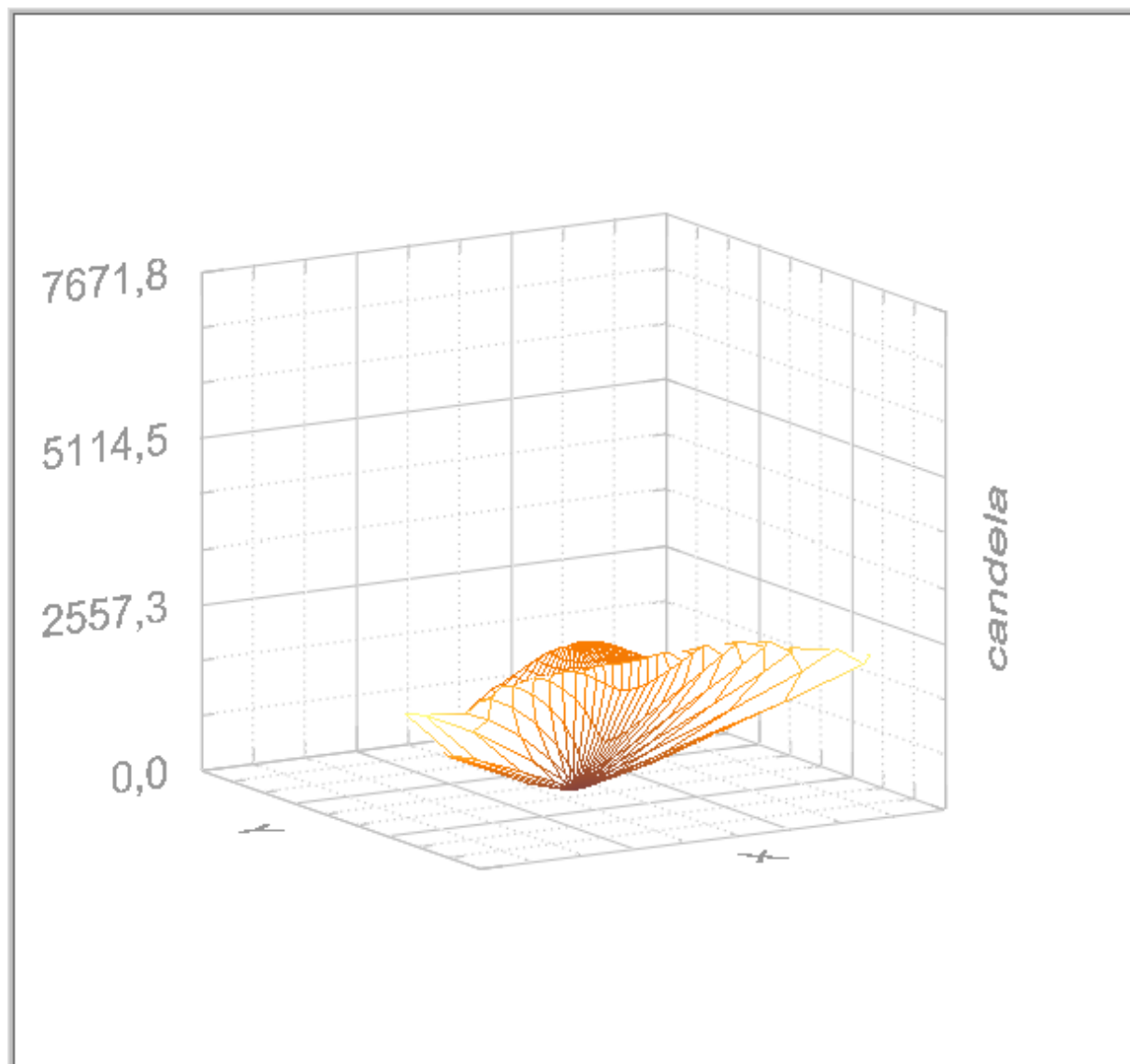
### POLAR LIGHT DISTRIBUTION



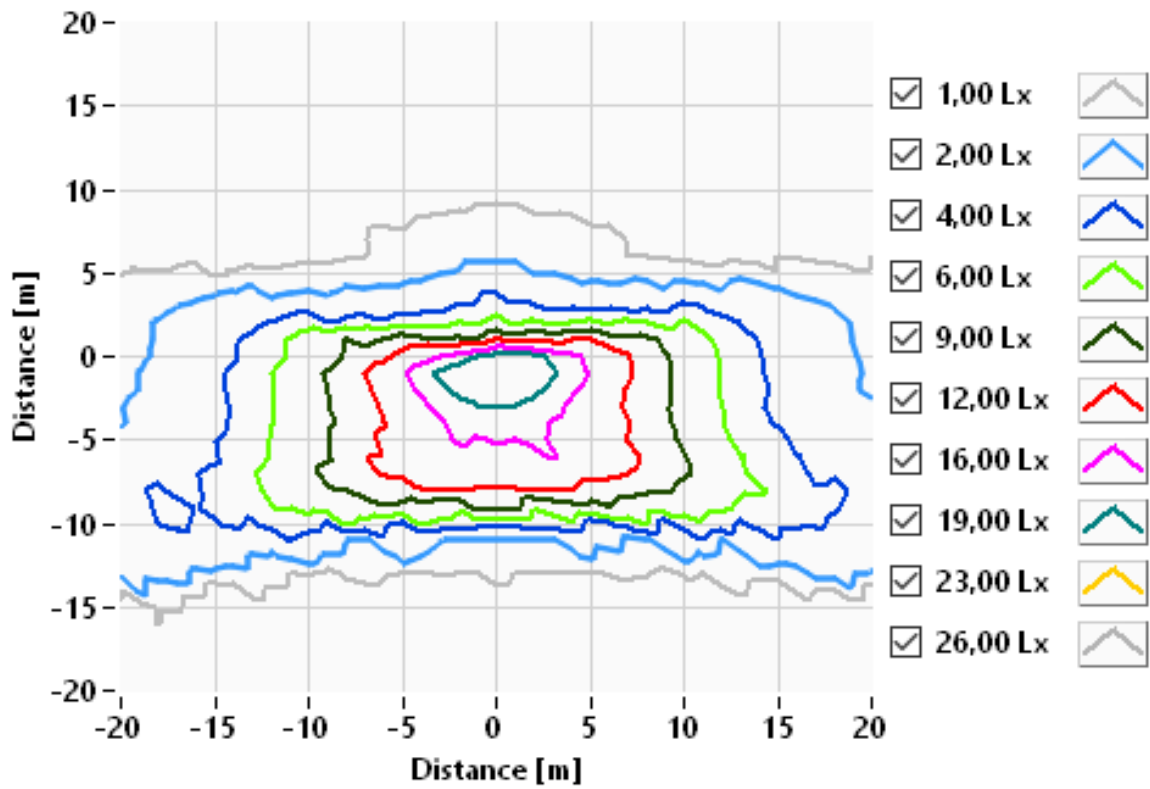
### CARTESIAN LIGHT DISTRIBUTION



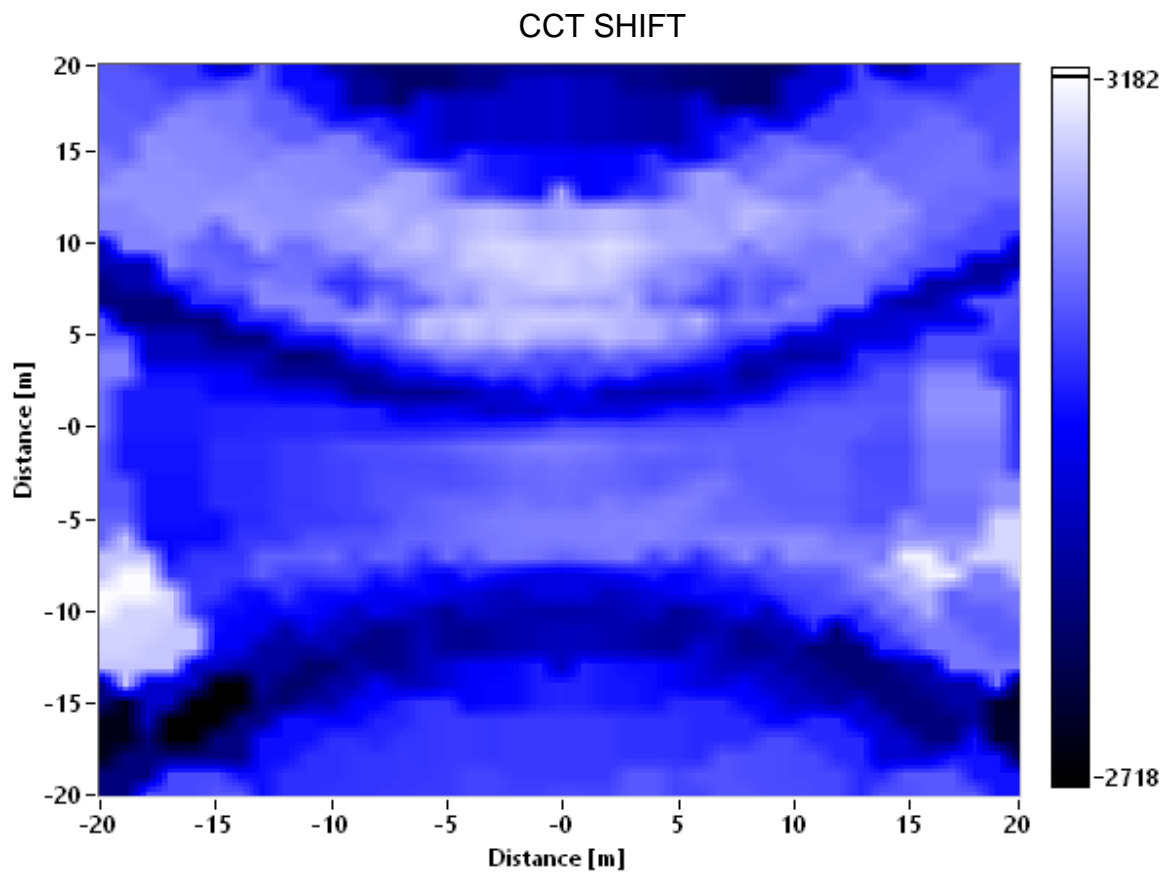
### 3D LIGHT DISTRIBUTION



### ISOLUX DISTRIBUTION



Lamp height: 10,00 m



Lamp height: 10,00 m

Average color temperature : 3080 K  
Gama 0 color temperature : 3087 K  
Min color temperature : 2783 K  
Max color temperature : 3728 K



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**report: Path or image type is not valid!**