
Test Measurement Report

Meteor , Bulevar despota Stefana 43
11000 Beograd , Srbija
Tel: +381112972251
Email: office@meteorbeograd.com

Lamp Description:

Test: 22/03/2018

Manufacturer: METEOR d.o.o

Test laboratory: Meteor Lab

Luminarie category: Solid State Lighting

Luminarie: M-YHA01

Lamp Category: LED

Lamp: M-YHA01 18W

Rated lumens: 1800,0 lm

Power: 18,0 W

Average color temperature : 3146 K

Gama 0 color temperature : 3248 K

Min color temperature : 2950 K

Max color temperature : 3352 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

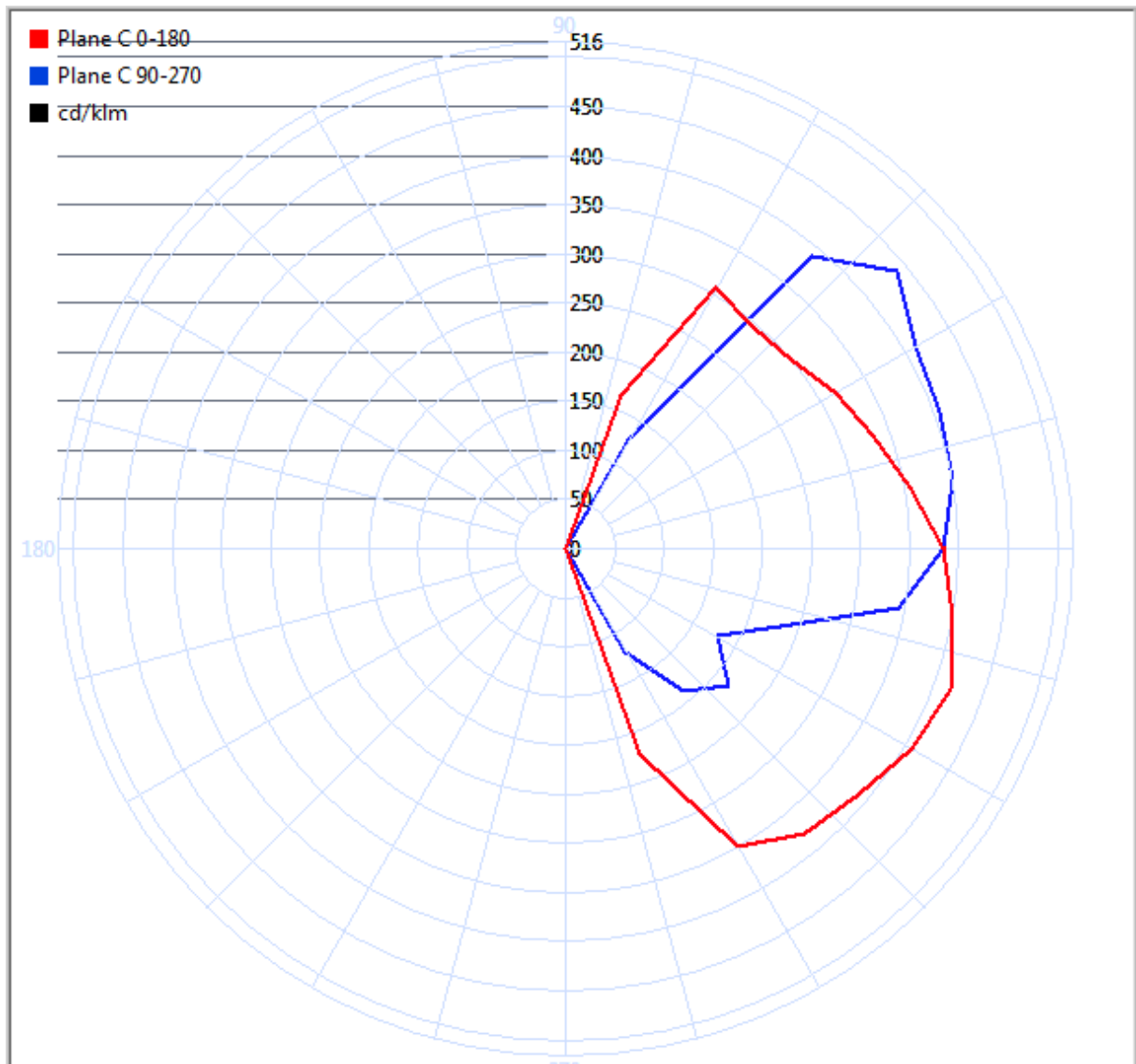
Issue date: 22. 03. 2018 11:13

Bug Ratings

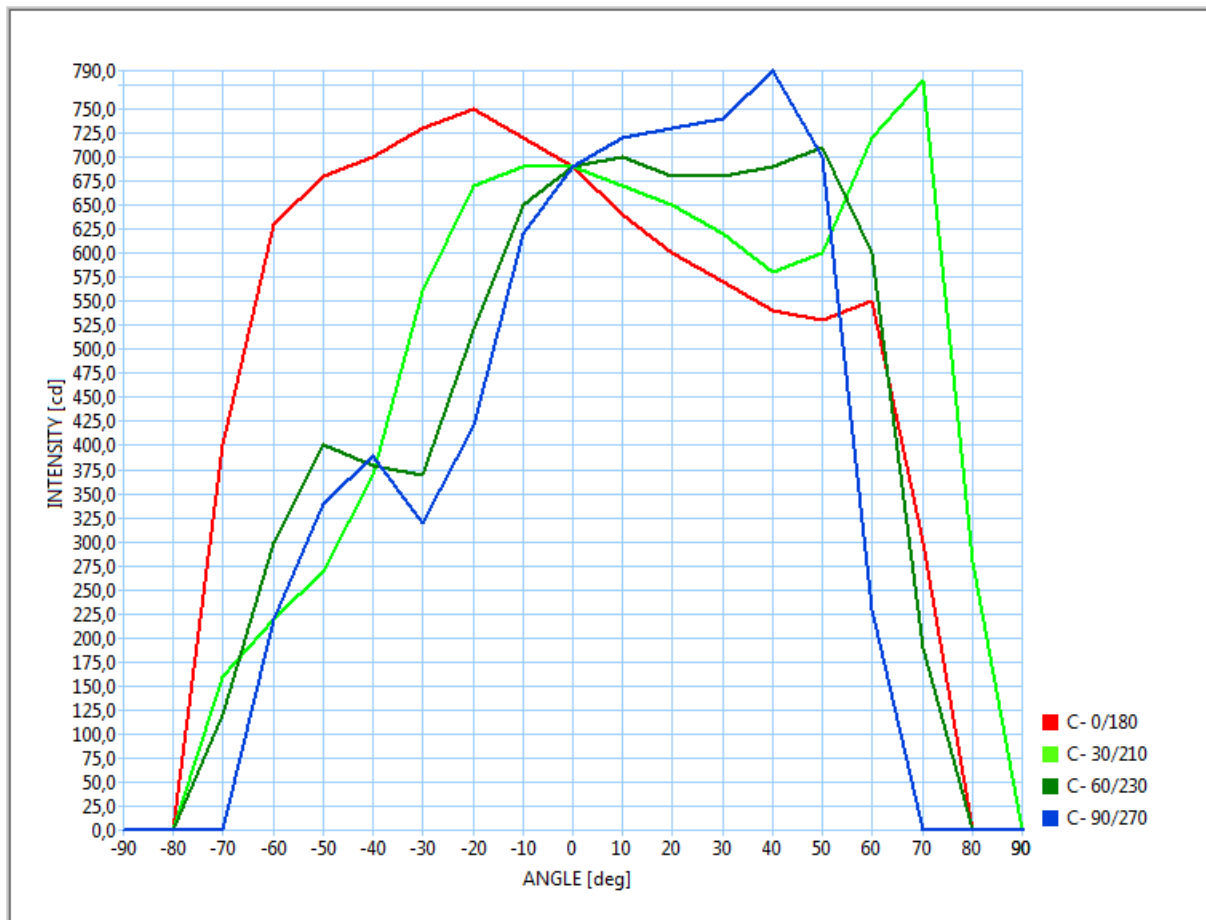
	Lumens	Lumens [%]
Forward Light		
Forward Lumens	1046,191	44,976
FL (0°-30°)	247,807	10,653
FM (30°-60°)	558,370	24,005
FH (60°-80°)	229,103	9,849
FVH (80°-90°)	10,911	0,469
Back Light		
Back Lumens	1279,907	55,024
BL (0°-30°)	280,511	12,059
BM (30°-60°)	678,143	29,154
BH (60°-80°)	300,795	12,931
BVH (80°-90°)	20,457	0,879
Up Light		
Up Lumens	0,000	0,000
UL (90°-100°)	0,000	0,000
UH (100°-180°)	0,000	0,000
Total Lumens	2326,098	100,000

Back Light	Up Light	Glare
B1	U0	G1

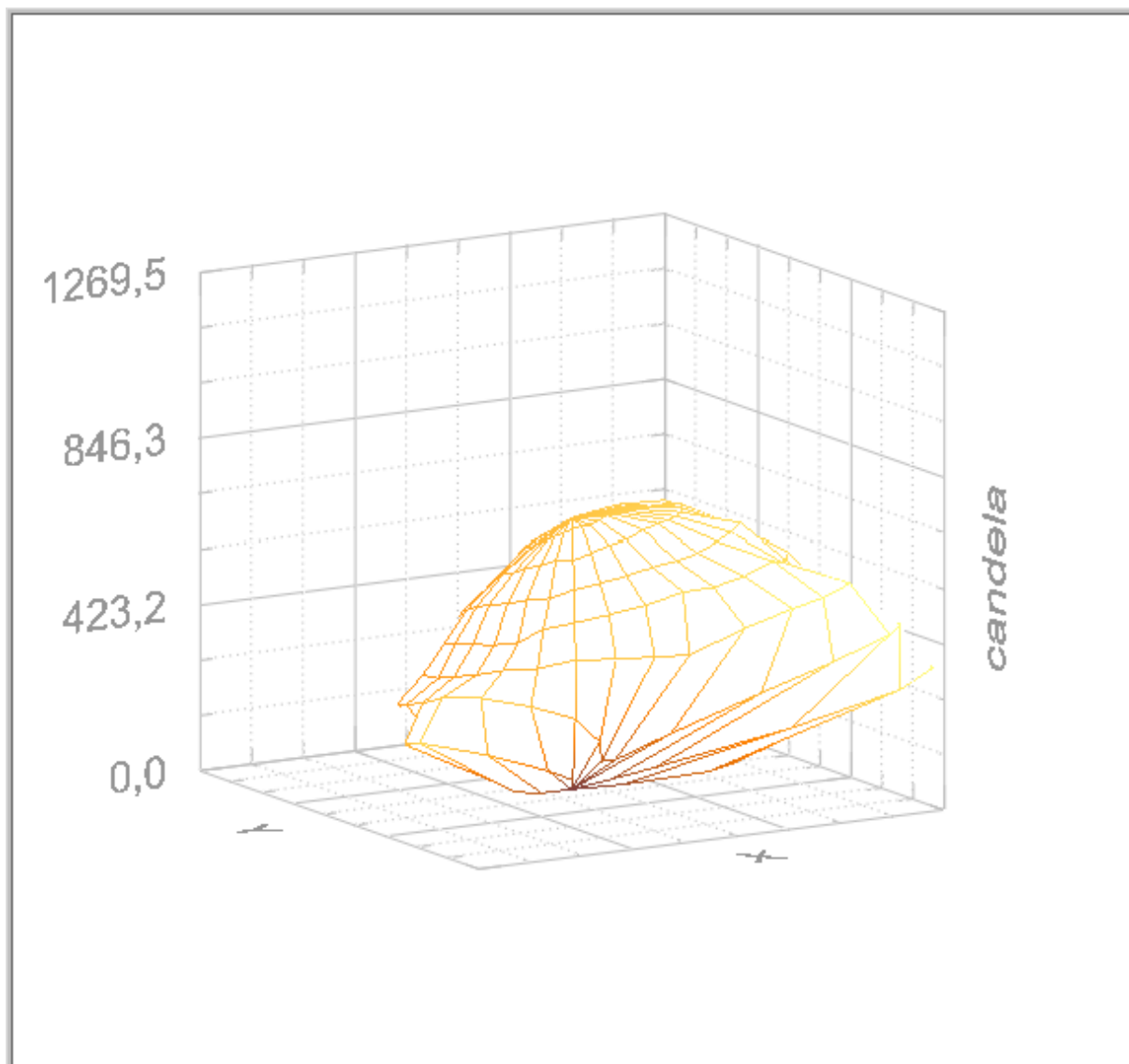
POLAR LIGHT DISTRIBUTION



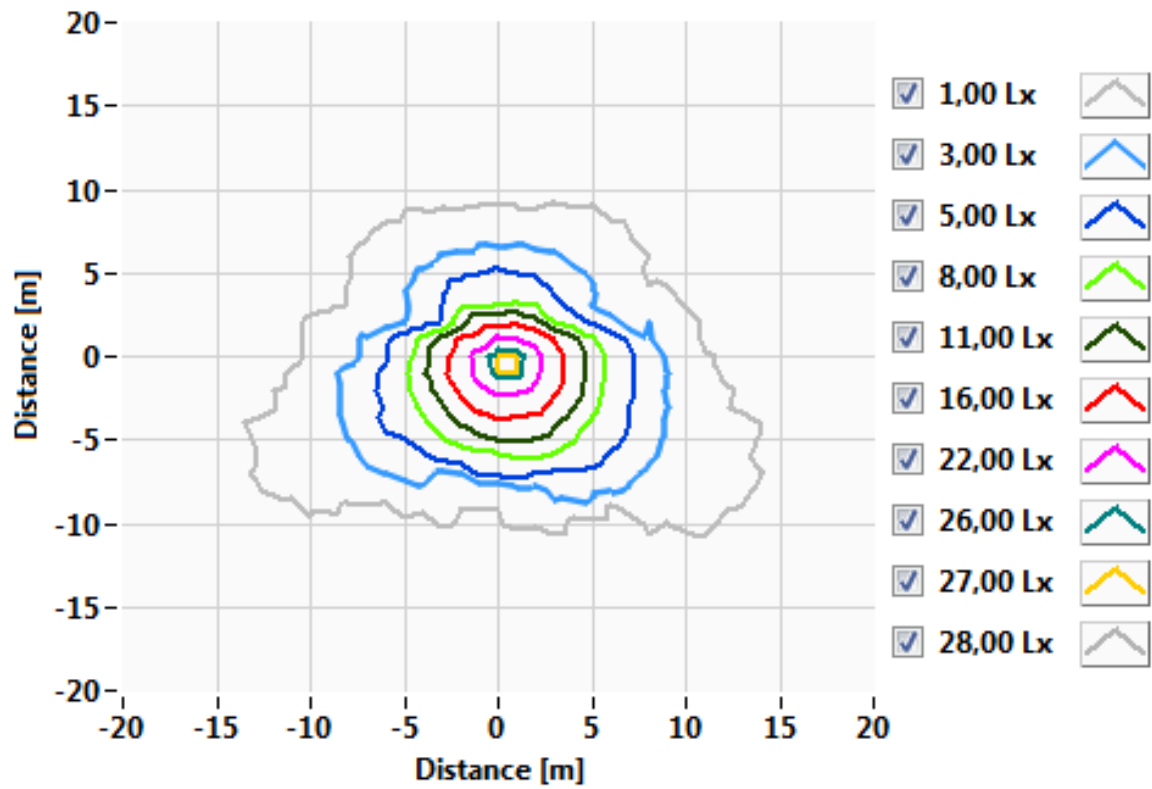
CARTESIAN LIGHT DISTRIBUTION



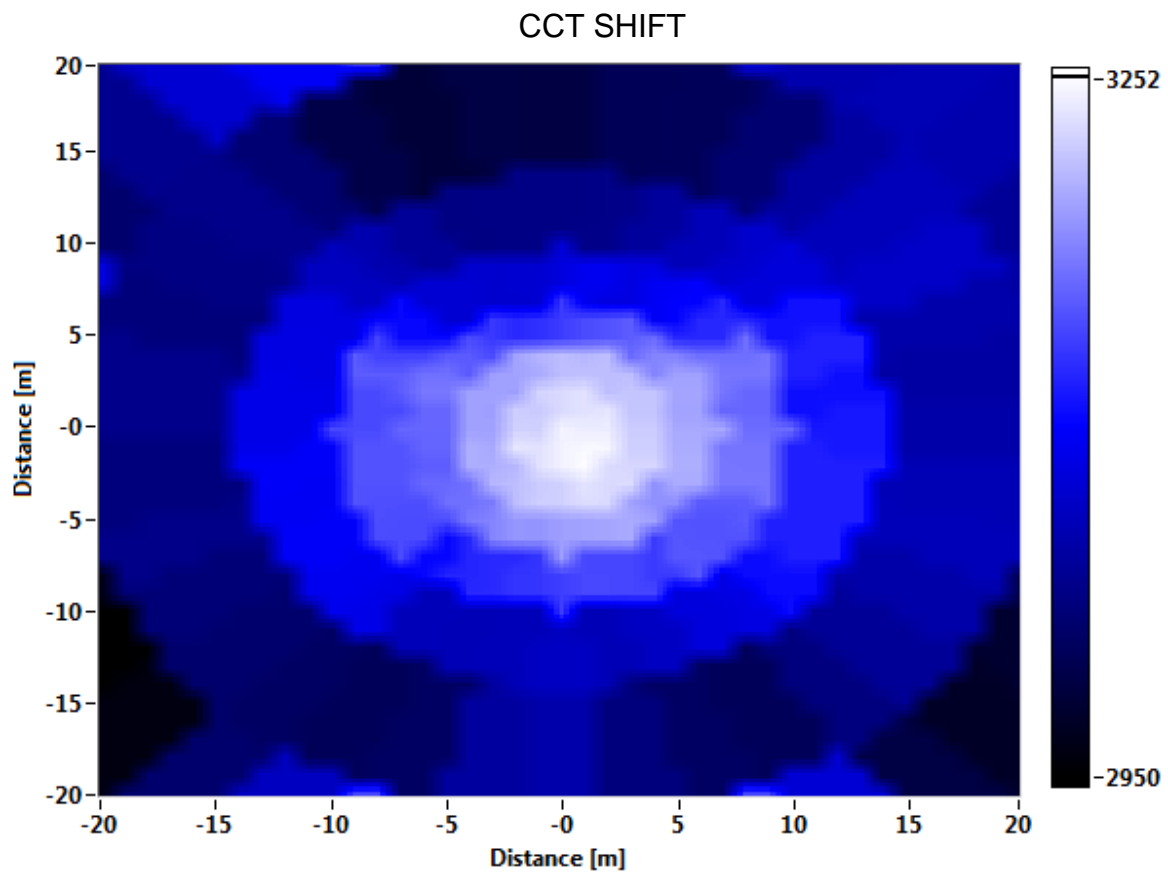
3D LIGHT DISTRIBUTION



ISOLUX DISTRIBUTION



Lamp height: 5,00 m



Lamp height: 10,00 m

Average color temperature : 3146 K
Gama 0 color temperature : 3248 K
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