GL GONIOSPECTROMETER
MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*
Model name: *MONA SPOT 18W 3000K WH*
Item No: *AZ4536*
Serial No.:
Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *1*
LuminaireName: *Mona SPOT 3000K*
LuminaireNumber: *AZ4536*
FileName: *AZ4536.ldt*
Date: *2021-04-20*

Dimensions of luminaire

Length: *120* mm
Width: *0* mm
Height: *115* mm

Dimensions of luminous area

Length: *45* mm
Width: *0* mm
C0-plane *0* mm
C90-plane *0* mm
C180-plane *0* mm
C270-plane *0* mm

Lamps:

Number of lamps:	*-1*
Type of lamps:	*Led zintegrowany*
Total luminous flux:	*1101,13 lm*
Color temperatur:	*3055.09 K*
Color rendering index:	*83,23*
Wattage including ballast:	*17,54 W*

Utilization factors:

k = 0.60	*0,326*
k = 0.80	*0,415*
k = 1.00	*0,492*
k = 1.25	*0,567*
k = 1.50	*0,624*
k = 2.00	*0,712*
k = 2.50	*0,759*
k = 3.00	*0,795*
k = 4.00	*0,843*
k = 5.00	*0,872*

Electrical parameters

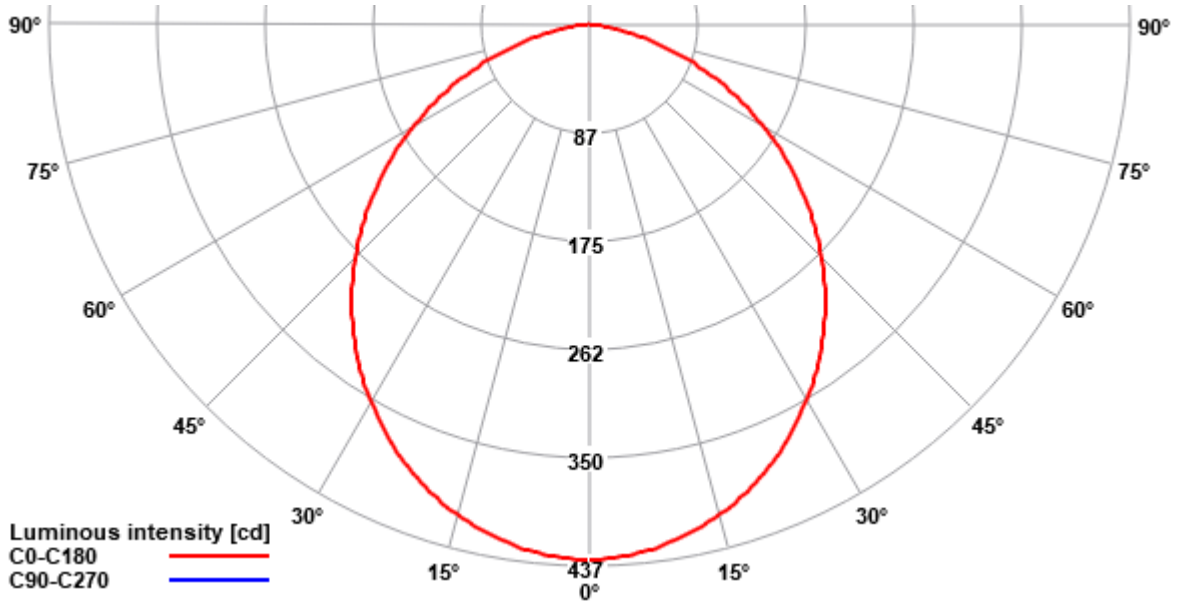
U	*= 229,650 V*
I	*= 0,161 A*
P	*= 17,543 W*
Power factor	*= 0,475*
Power apparent	*= 36,933 VA*
Power Reactive	*= -32,501 var*
Frequency Voltage	*= 50,002 Hz*
THD	*= 0,000 %*

Temperature = 22 C

Goniometric measurement results

Total flux (utilized luminarie flux)	*1101,13 lm*
Flux in lower hemisphere	*100,00 %*
Flux in upper hemisphere	*0,00 %*
Maximium luminous intensity	*433,15 cd*
Light output ratio (LOR)	*100,00 %*
Luminous efficacy	*62,78 lm/W*

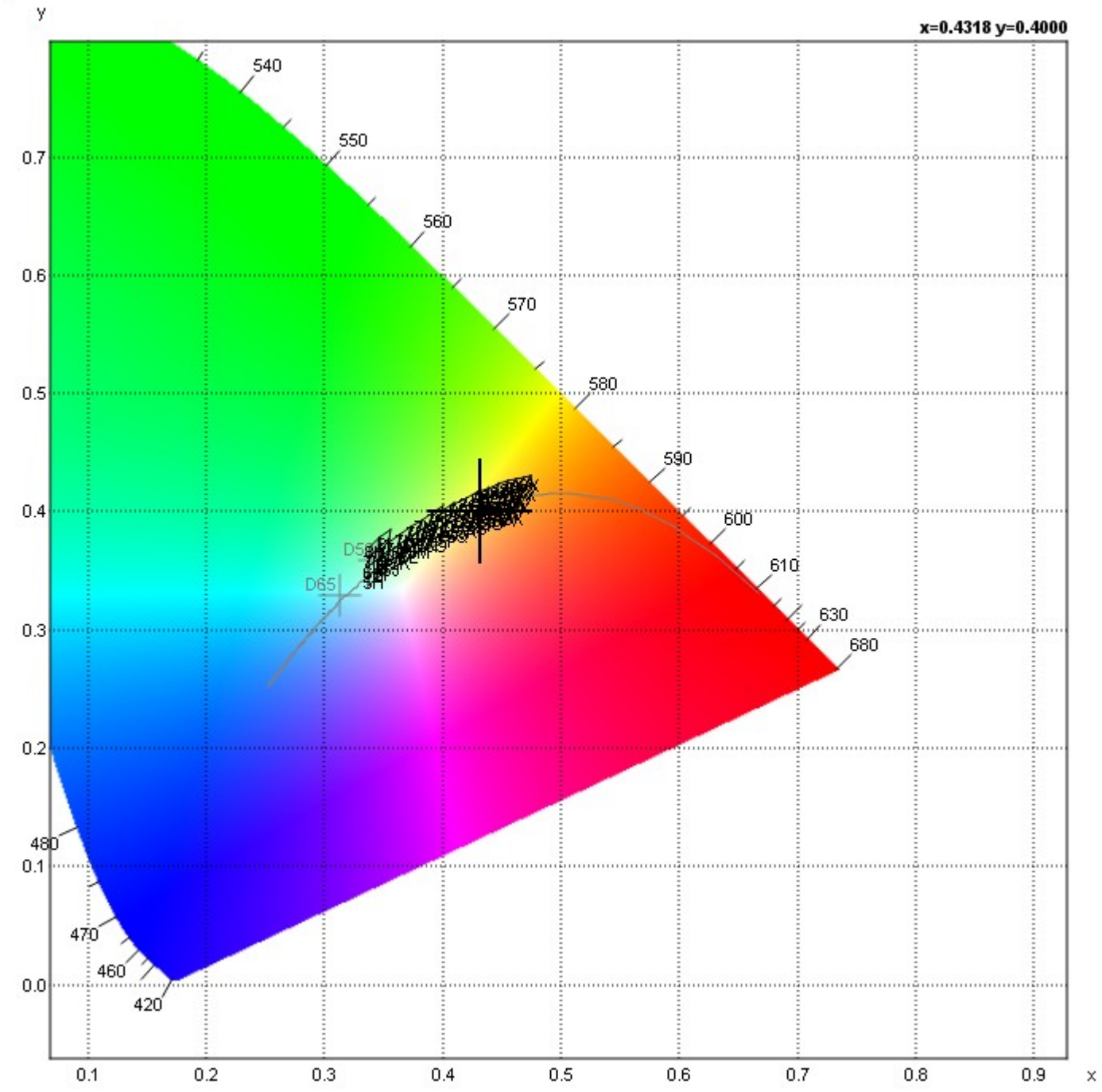
Light intensity distribution diagram



CIE 1931 diagram

x	0,4318
y	0,4000
Angular Colour Uniformity	0,0012

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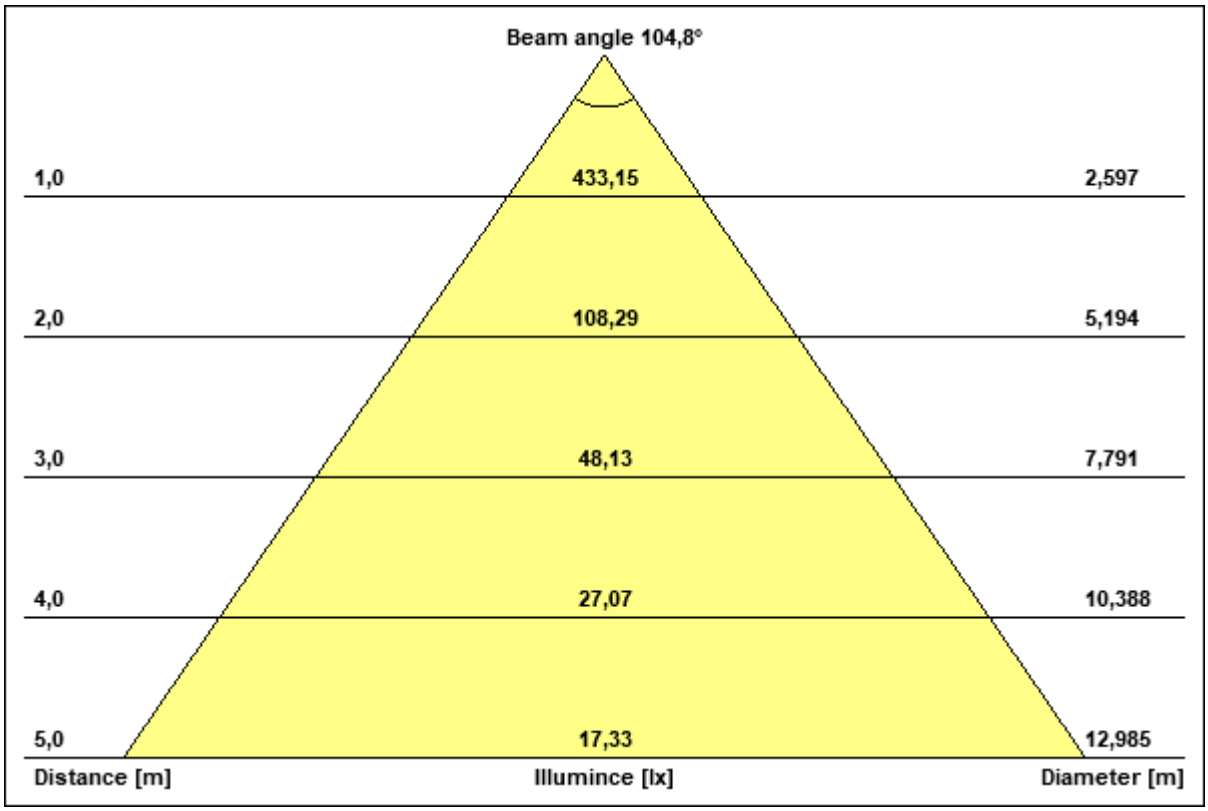


Beam cone

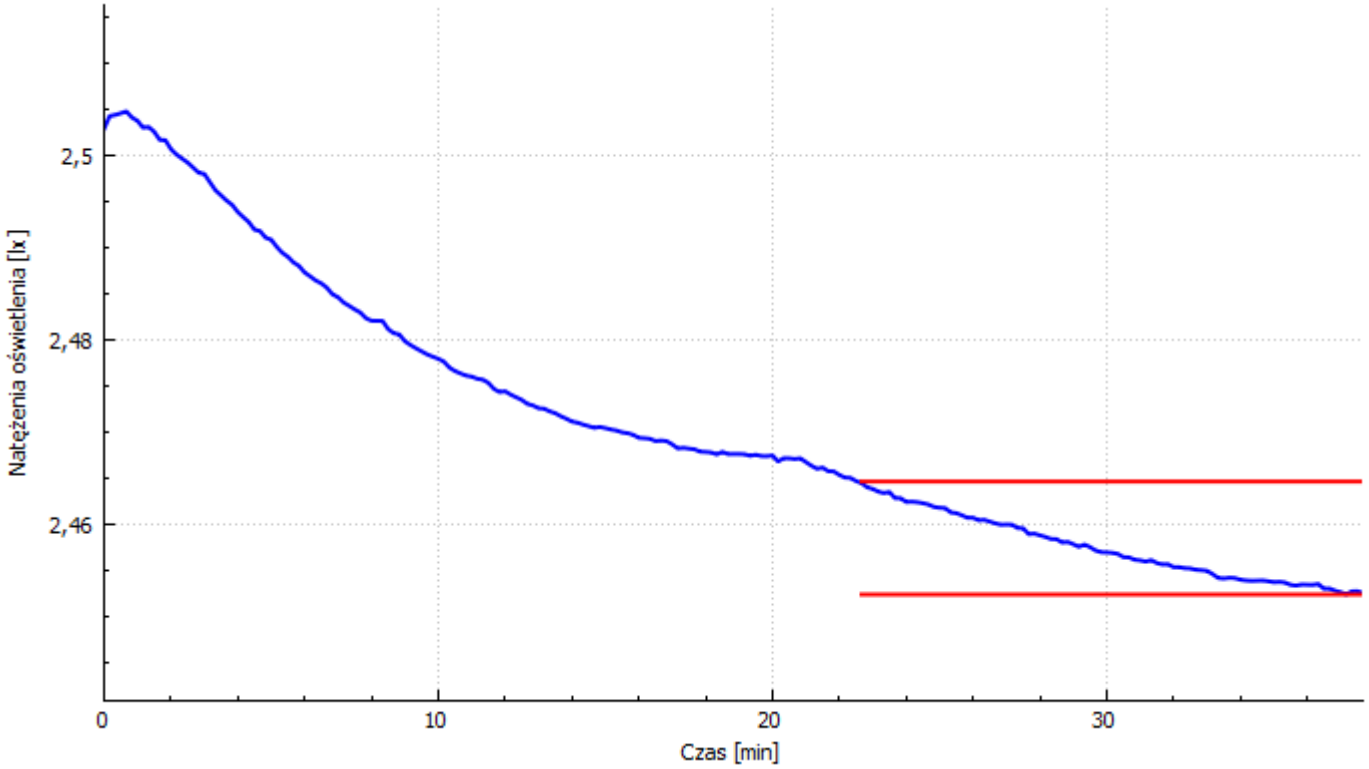
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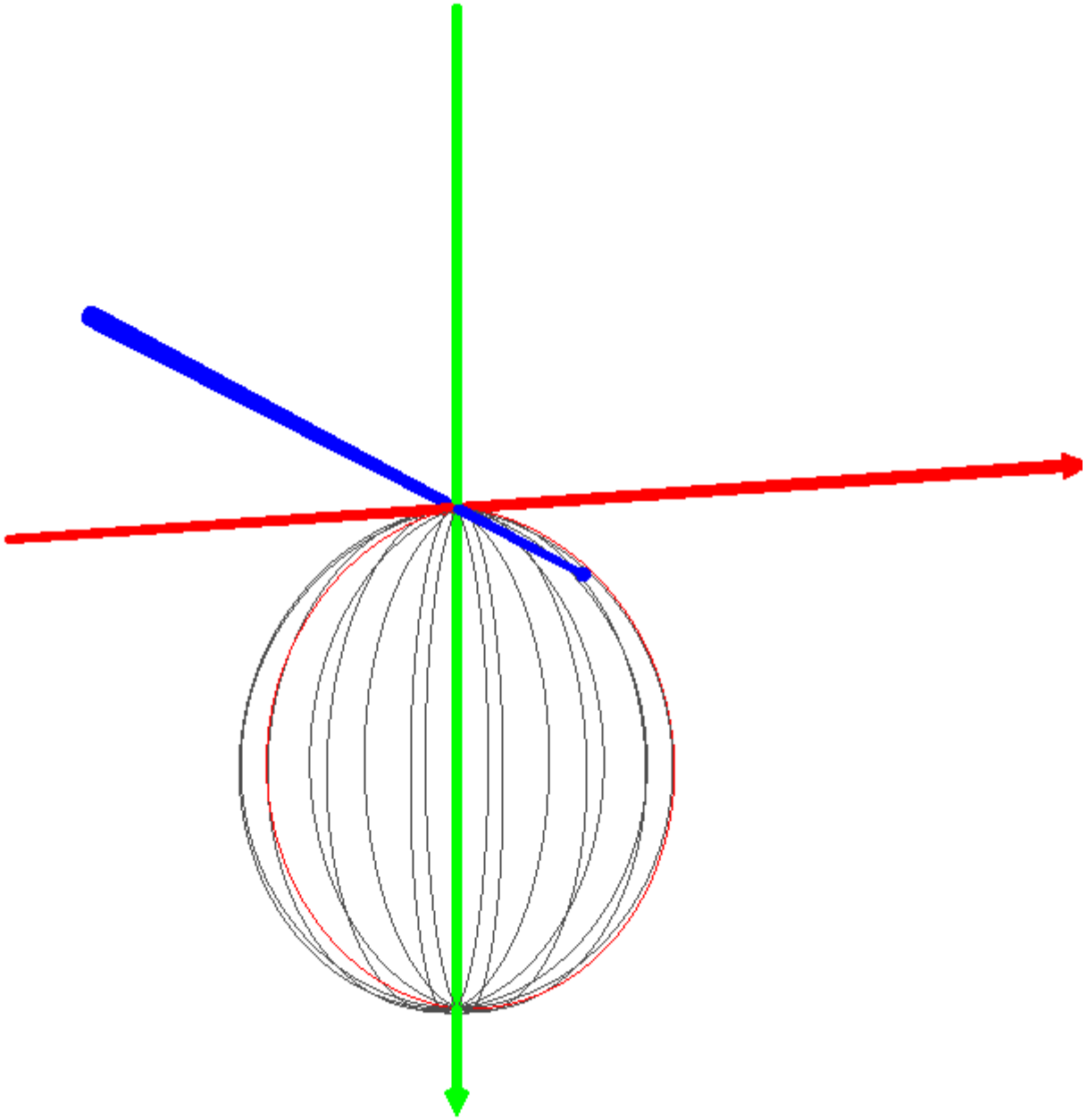
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REGON 360317241
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Stabilization



3D Chart



Legend

- C0-C180
- C90-C270
- G0-G180

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Extended electrical report

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1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
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