

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *MALTA R50 4000K WH*

Item No: *AZ4250*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Malta R50 4000K*

LuminaireNumber: *AZ4250*

FileName: *AZ4250.Idt*

Date: *2021-04-30*

Dimensions of luminaire

Length: *500 mm*

Width: *0 mm*

Height: *25 mm*

Dimensions of luminous area

Length: *470 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
Total luminous flux: 3402,81 lm
Color temperatur: 3885.3 K
Color rendering index: 81,95
Wattage including ballast: 41,35 W

Utilization factors:

k = 0.60	0,289
k = 0.80	0,372
k = 1.00	0,447
k = 1.25	0,520
k = 1.50	0,577
k = 2.00	0,665
k = 2.50	0,714
k = 3.00	0,753
k = 4.00	0,806
k = 5.00	0,839

Electrical parameters

<i>U</i>	= 229,501 V
<i>I</i>	= 0,183 A
<i>P</i>	= 41,347 W
<i>Power factor</i>	= 0,983

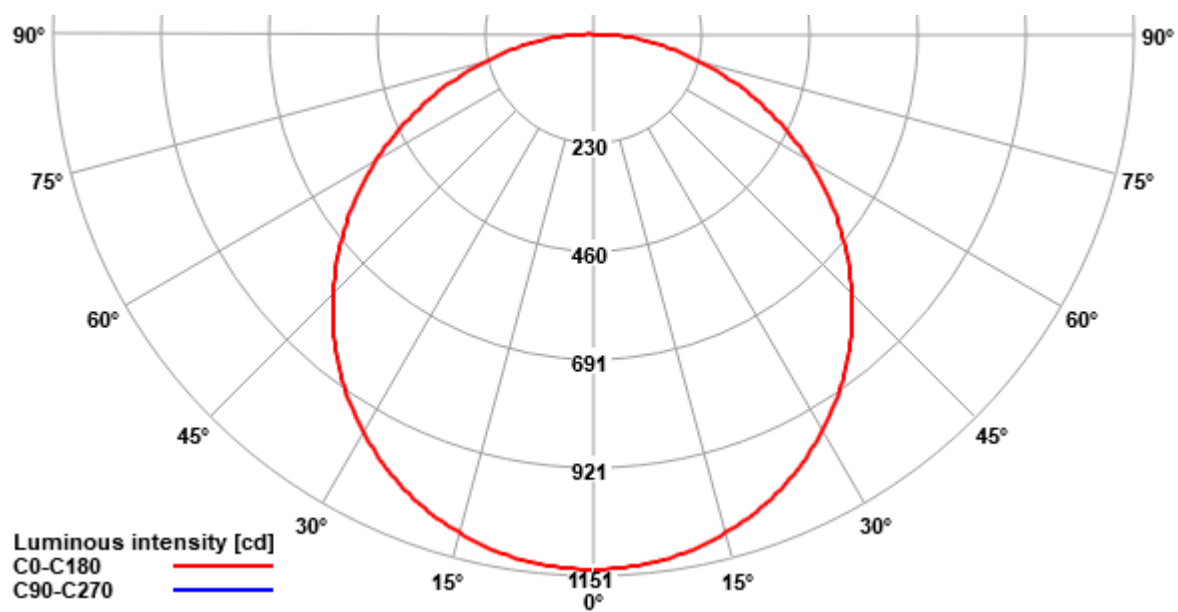
<i>Power apparent</i>	= 42,057 VA
<i>Power Reactive</i>	= -7,676 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 0,000 %

Temperature = 22 C

Goniometric measurement results

Total flux (utilized luminarie flux)	3402,81 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1139,82 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	82,29 lm/W

Light intensity distribution diagram



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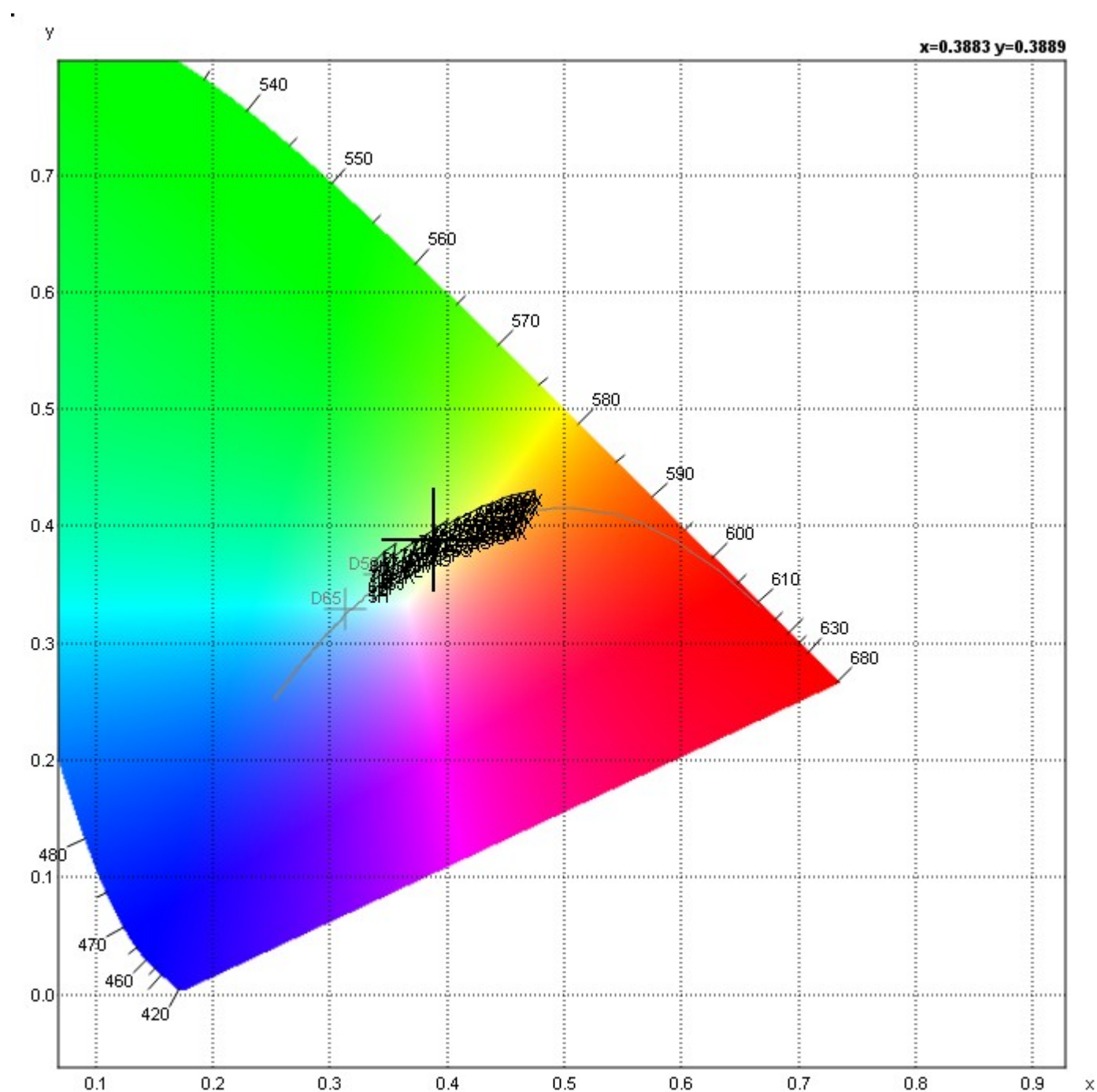
REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

CIE 1931 diagram

x 0,3883
y 0,3889
Angular Colour Uniformity 0,0005



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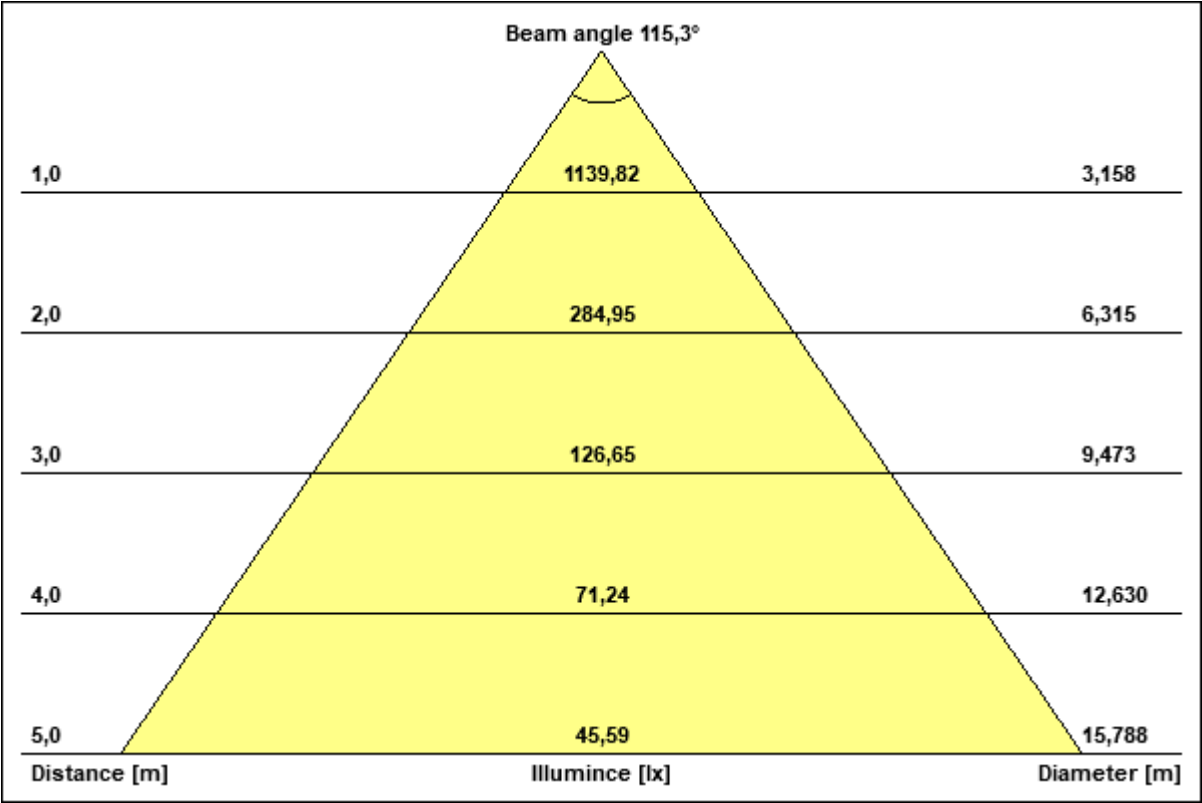
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Beam cone



Stabilization

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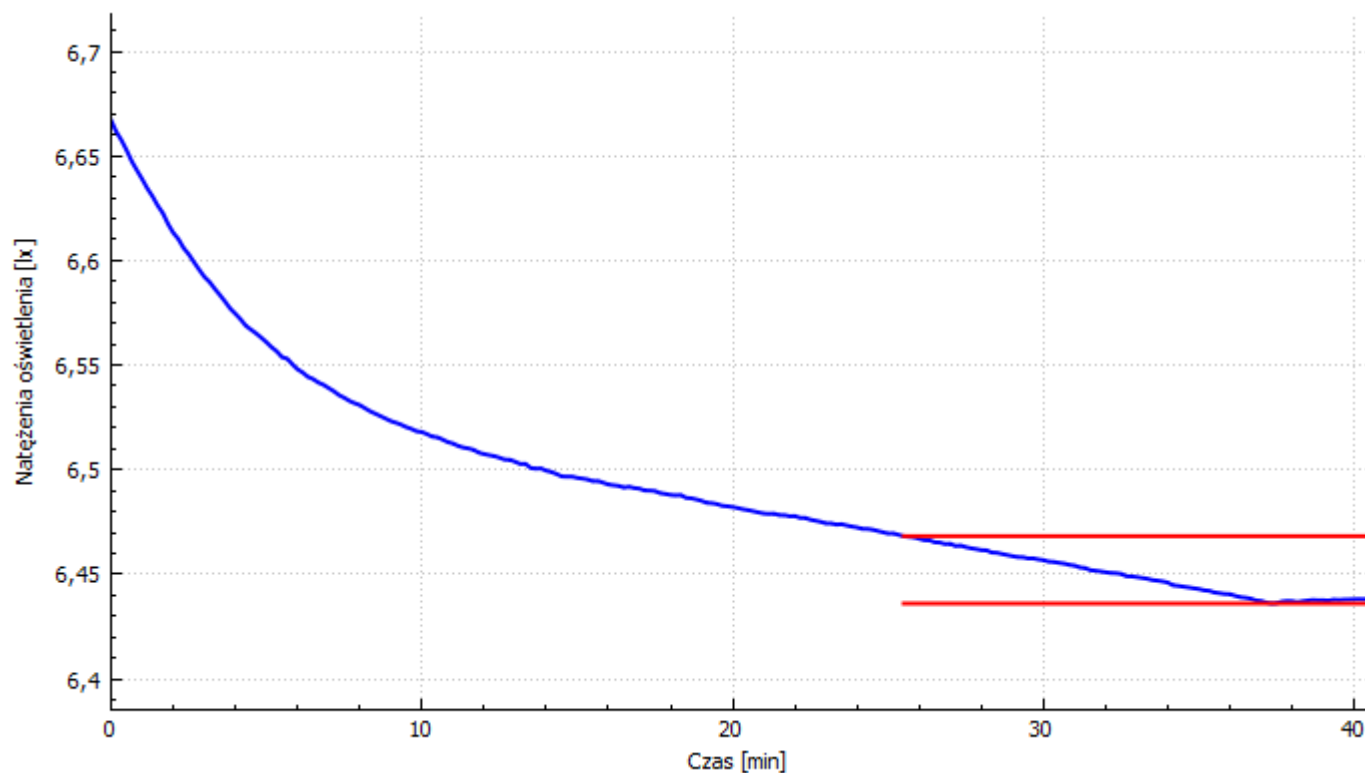
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3D Chart

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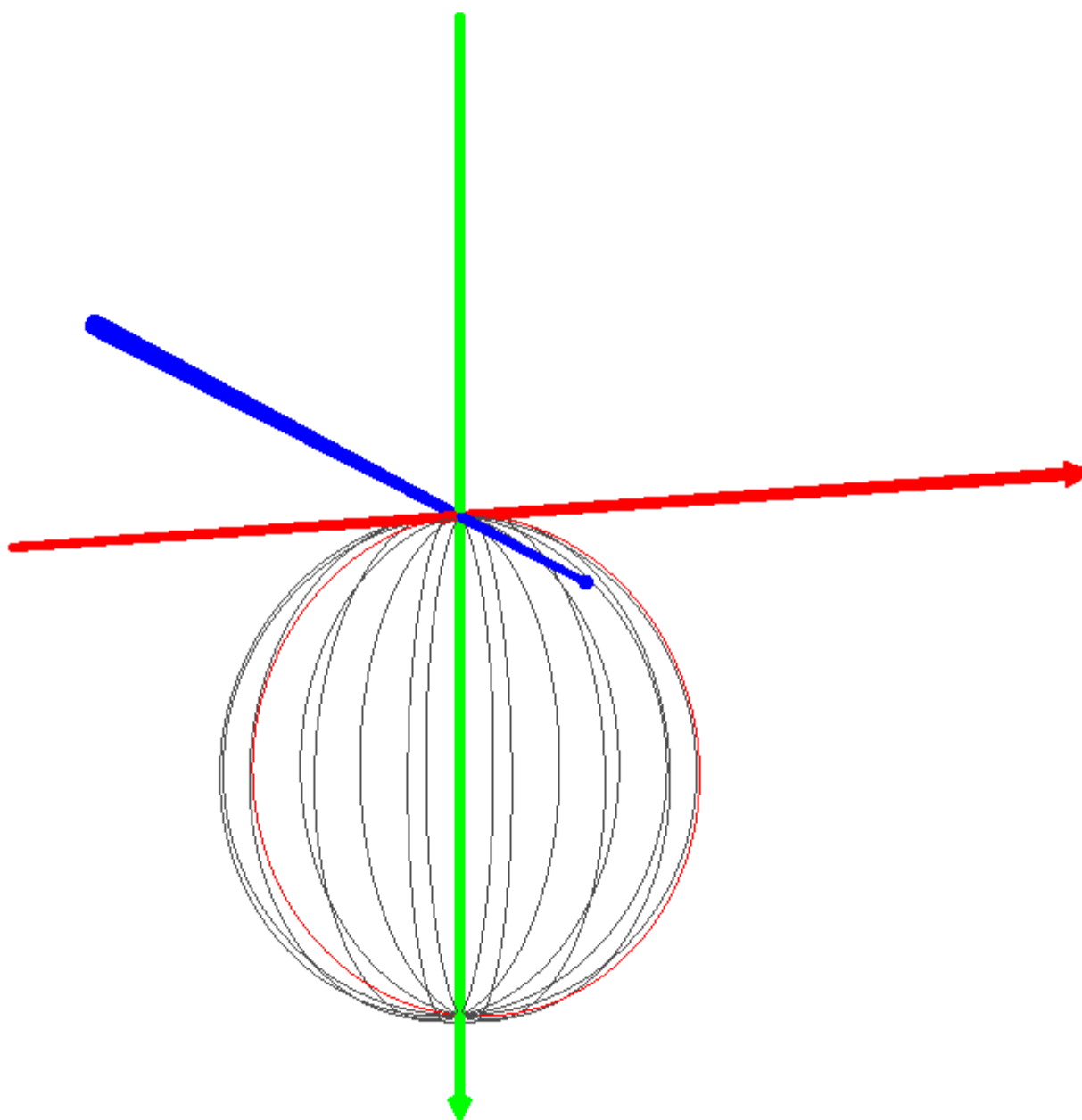
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Legend

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

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0	0	0
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
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
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25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
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32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0

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43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	0	0	0