

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *MALTA R30 3000K WH*

Item No: *AZ4241*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Malta R30 3000K*

LuminaireNumber: *AZ4241*

FileName: *AZ4241.Idt*

Date: *2021-04-22*

Dimensions of luminaire

Length: *295 mm*

Width: *0 mm*

Height: *25 mm*

Dimensions of luminous area

Length: *270 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: *1739,43 lm*
Color temperatur: *2872.79 K*
Color rendering index: *84,53*
Wattage including ballast: *24,23 W*

Utilization factors:

k = 0.60	<i>0,290</i>
k = 0.80	<i>0,374</i>
k = 1.00	<i>0,448</i>
k = 1.25	<i>0,521</i>
k = 1.50	<i>0,578</i>
k = 2.00	<i>0,666</i>
k = 2.50	<i>0,715</i>
k = 3.00	<i>0,754</i>
k = 4.00	<i>0,806</i>
k = 5.00	<i>0,840</i>

Electrical parameters

U = *229,673 V*
I = *0,250 A*
P = *24,227 W*
Power factor = *0,423*

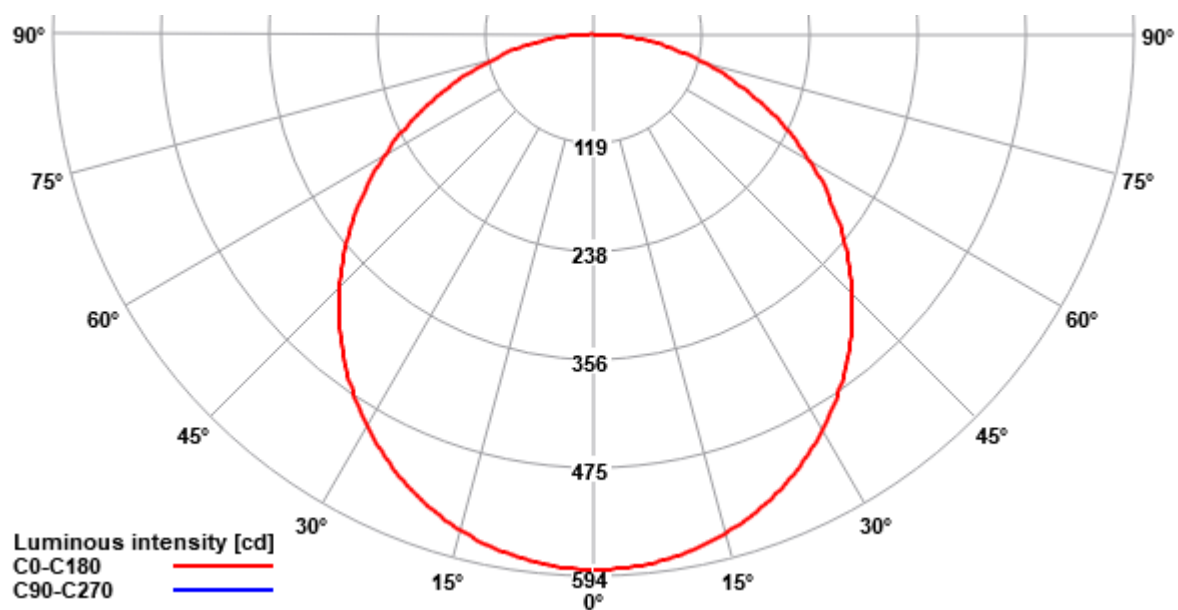
Power apparent = *57,300 VA*
Power Reactive = *-51,926 var*
Frequency Voltage = *50,002 Hz*
THD = *0,000 %*

Temperature = *22 C*

Goniometric measurement results

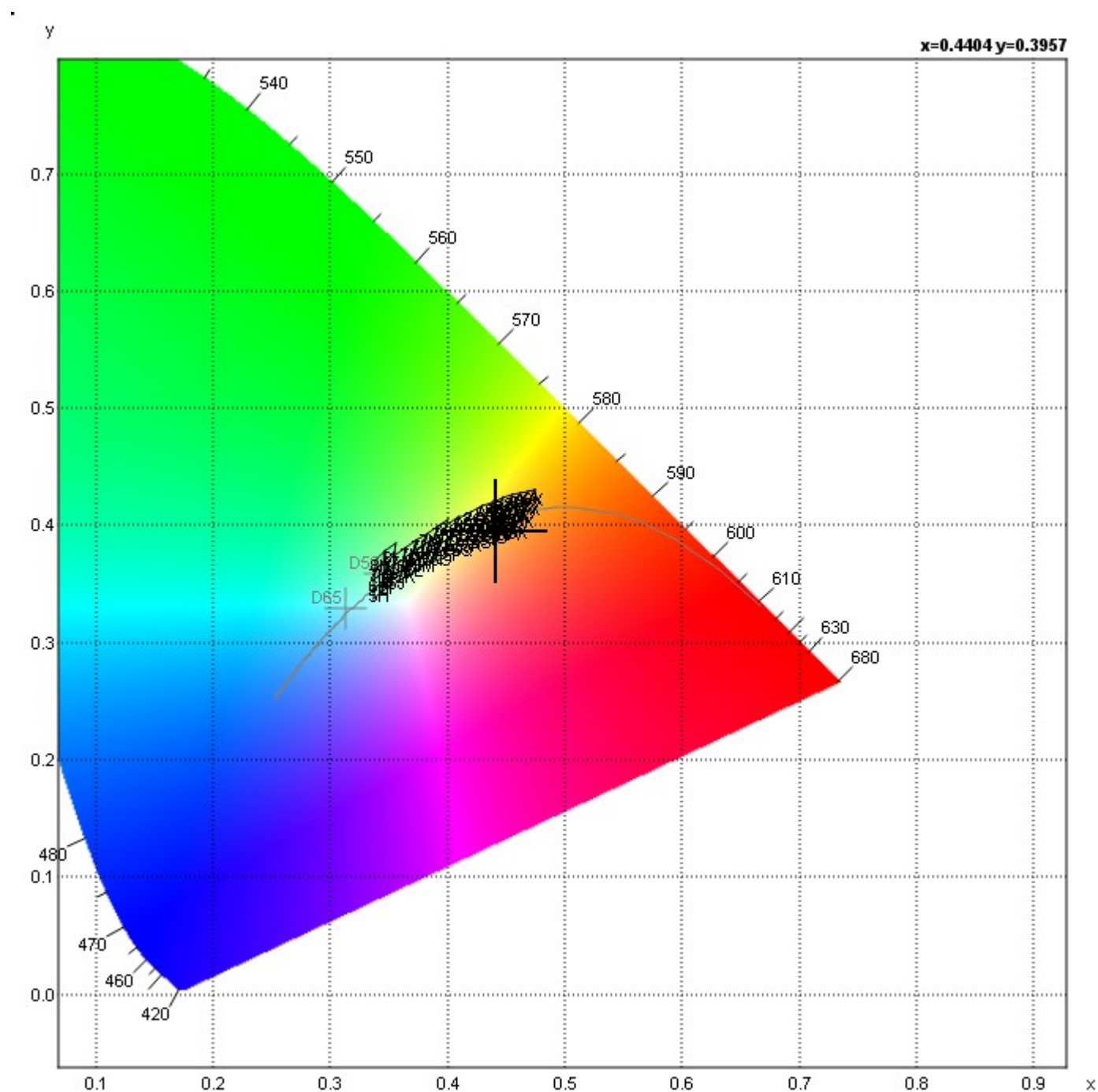
Total flux (utilized luminarie flux)	1739,43 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	588,56 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	71,79 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4404
y 0,3957
Angular Colour Uniformity 0,0009



GL Optic R&D Center Sp. z o.o.

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Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

Beam cone

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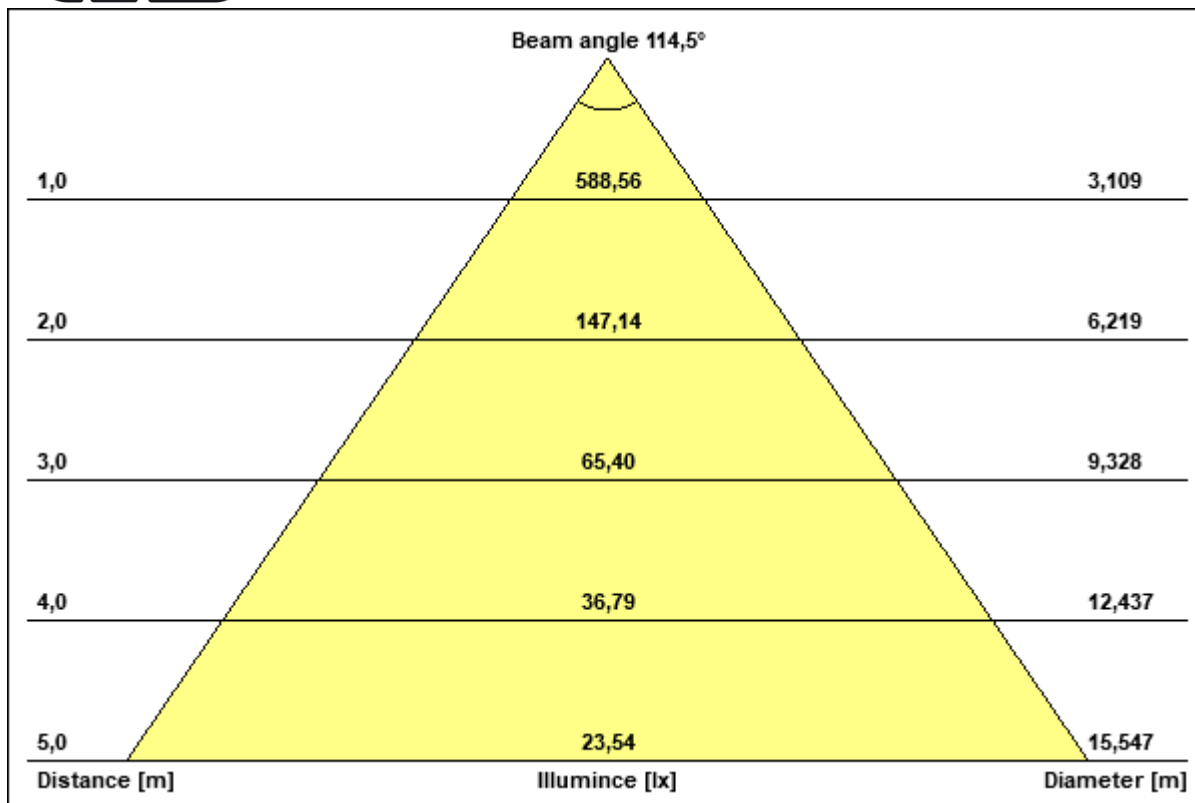
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

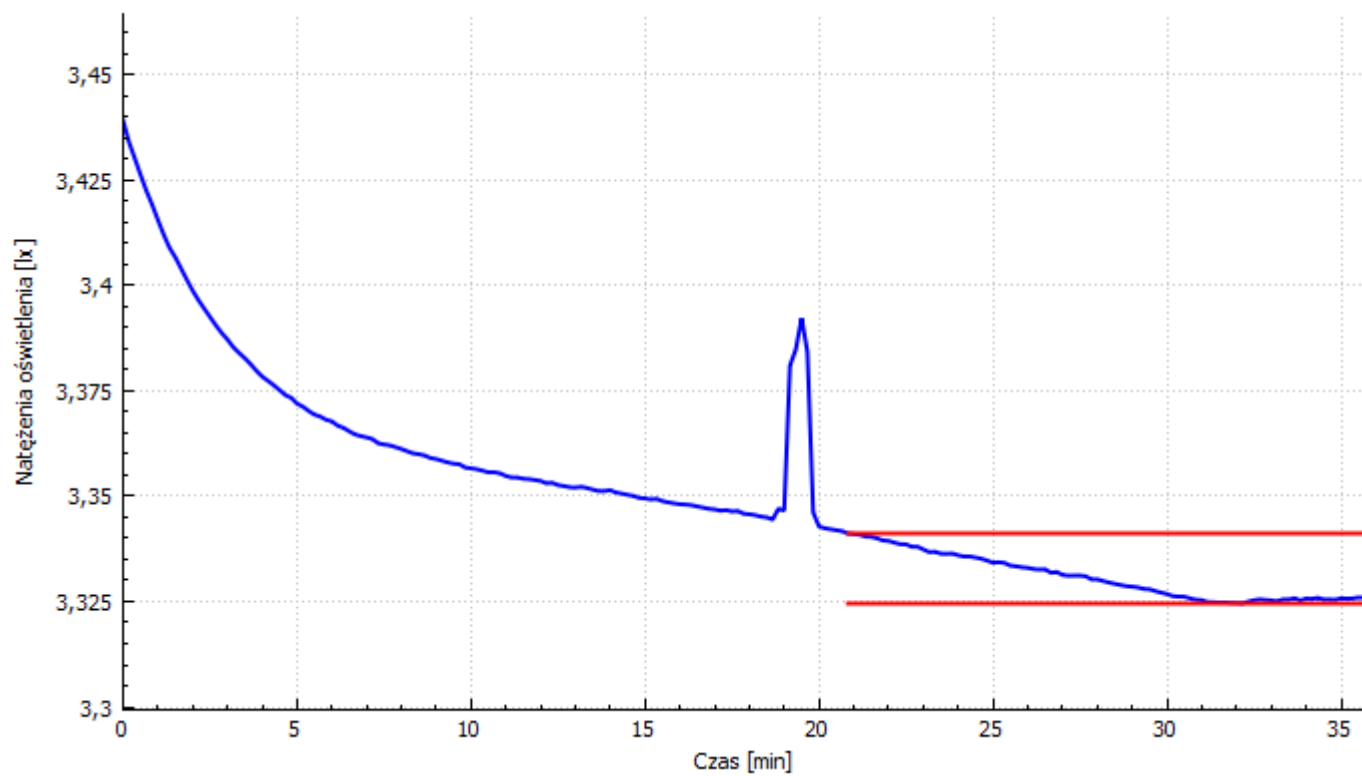
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Stabilization



3D Chart

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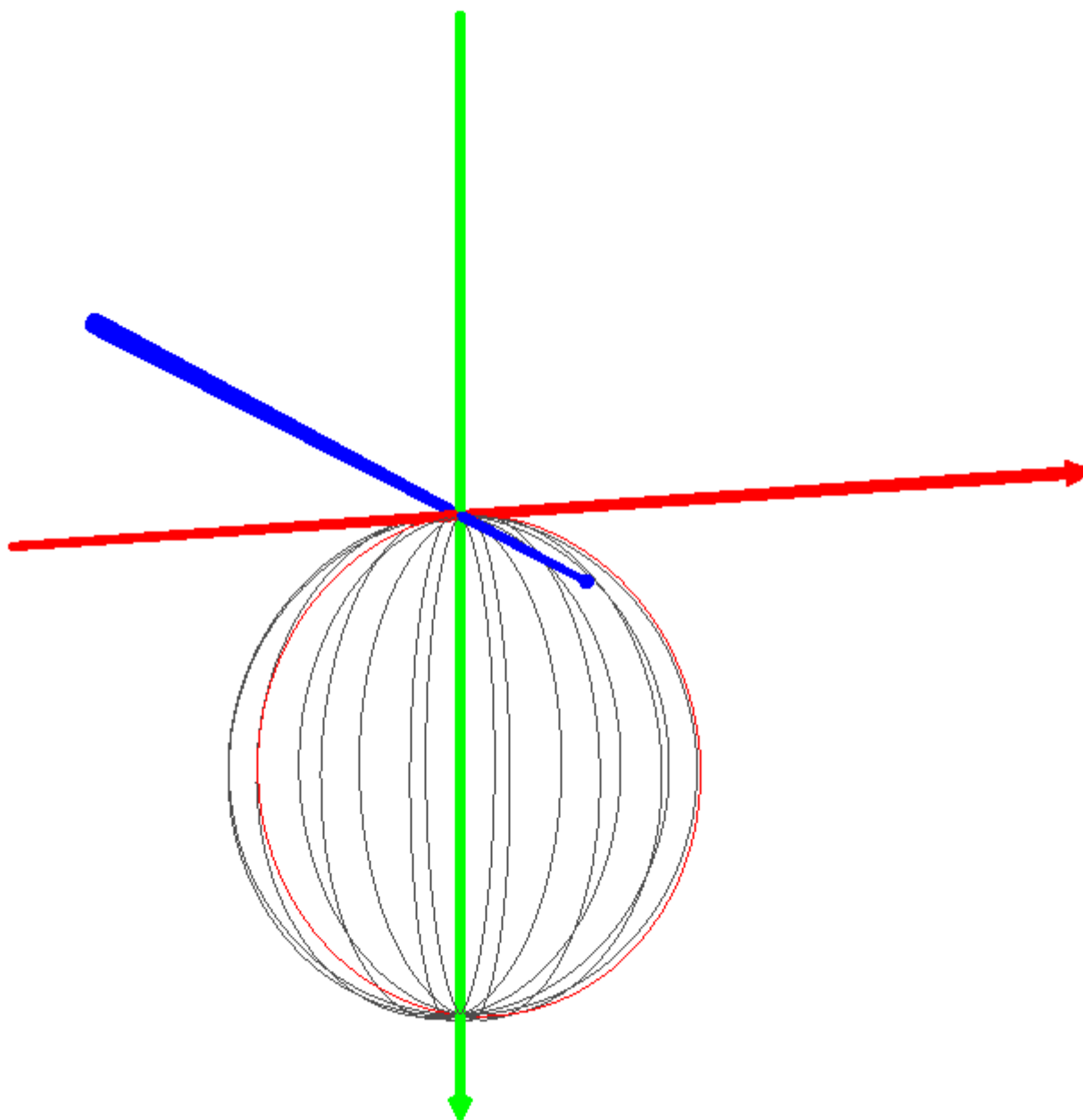
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Legend

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

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	119,667	0	0
1	100,000	0	0
2	8,72e+06	0	0
3	182,583	0	0
4	397,429	0	0
5	88,191	0	0
6	9074,680	0	0
7	0	0	0
8	163,373	0	0
9	0	0	0
10	8812,940	0	0
11	0	0	0
12	85,662	0	0
13	0	0	0
14	7866,760	0	0
15	0	0	0
16	244,487	0	0
17	0	0	0
18	7547,720	0	0
19	0	0	0
20	136,389	0	0
21	0	0	0
22	6713,680	0	0
23	0	0	0
24	123,056	0	0
25	0	0	0
26	6225,270	0	0
27	0	0	0
28	103,205	0	0
29	0	0	0
30	5339,100	0	0
31	0	0	0
32	140,998	0	0
33	0	0	0
34	4675,000	0	0
35	0	0	0
36	257,639	0	0
37	0	0	0
38	4266,890	0	0
39	0	0	0
40	155,369	0	0
41	0	0	0
42	3984,570	0	0

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43	0	0	0
44	125,123	0	0
45	0	0	0
46	3888,360	0	0
47	0	0	0
48	114,049	0	0
49	0	0	0
50	3394,620	0	0