

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *MALTA R40 3000K BK*

Item No: *AZ4247*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Malta R40 3000K*

LuminaireNumber: *AZ4247*

FileName: *AZ4247.Idt*

Date: *2021-04-29*

Dimensions of luminaire

Length: *400 mm*

Width: *0 mm*

Height: *25 mm*

Dimensions of luminous area

Length: *370 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: 2487,71 lm
Color temperatur: 2887.42 K
Color rendering index: 83,01
Wattage including ballast: 34,44 W

Utilization factors:

k = 0.60	0,289
k = 0.80	0,373
k = 1.00	0,447
k = 1.25	0,520
k = 1.50	0,577
k = 2.00	0,665
k = 2.50	0,715
k = 3.00	0,754
k = 4.00	0,806
k = 5.00	0,840

Electrical parameters

U = 229,552 V
 I = 0,154 A
 P = 34,437 W
Power factor = 0,977

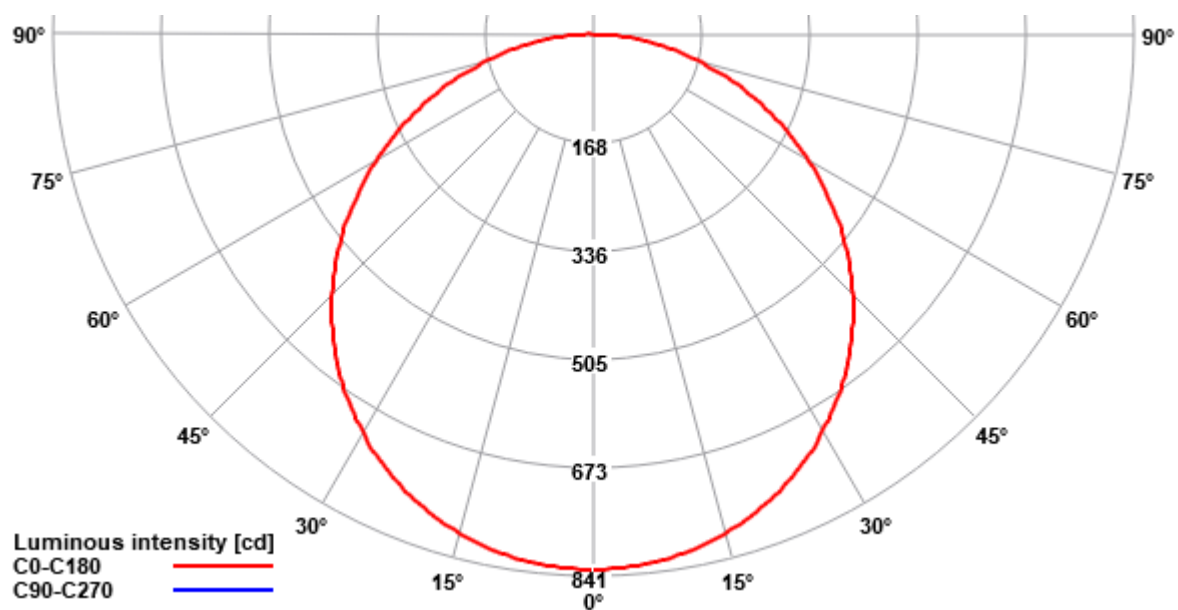
Power apparent = 35,258 VA
Power Reactive = -7,555 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 22 C

Goniometric measurement results

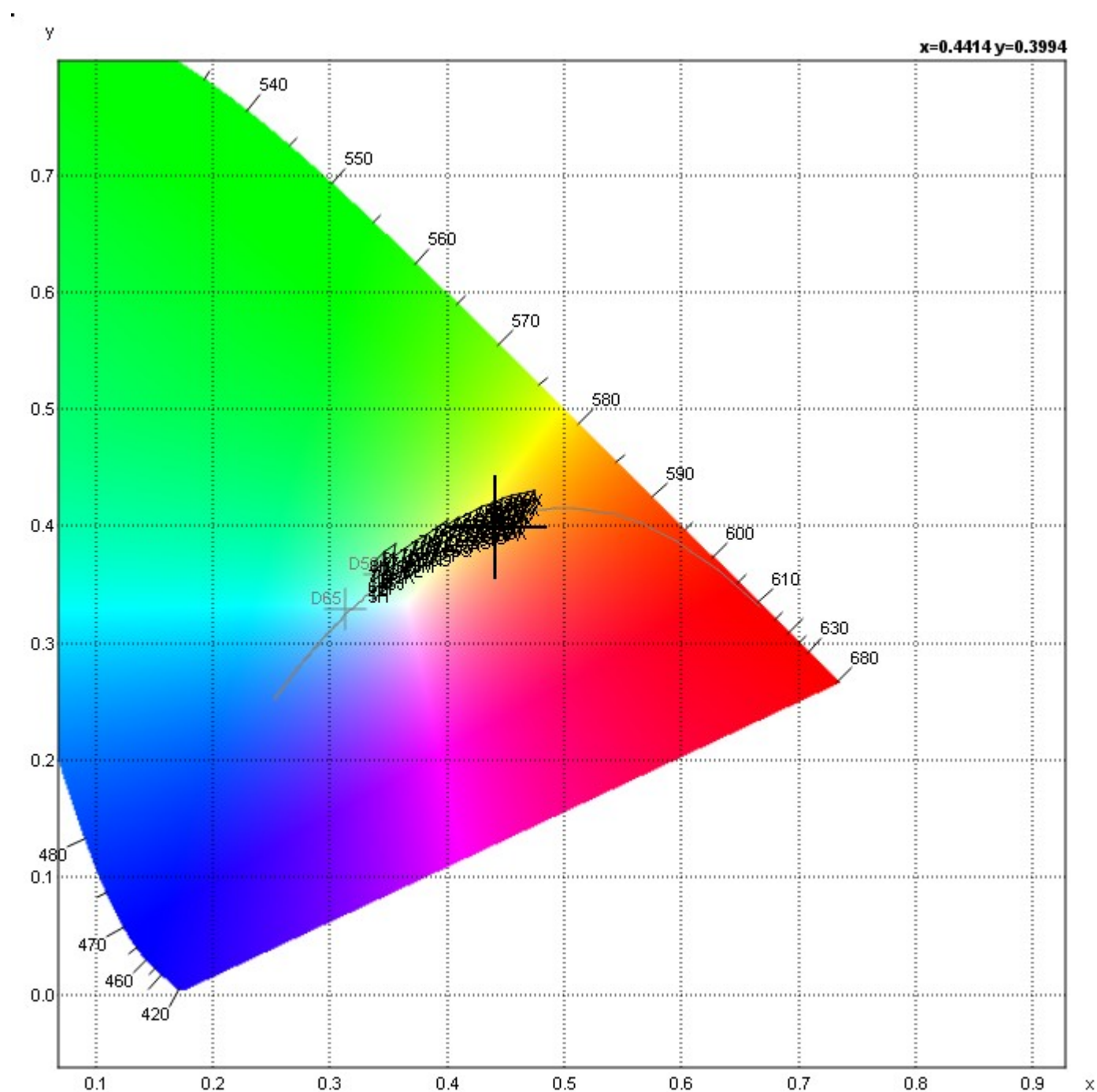
Total flux (utilized luminarie flux)	2487,71 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	832,59 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	72,23 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4414
y 0,3994
Angular Colour Uniformity 0,0005



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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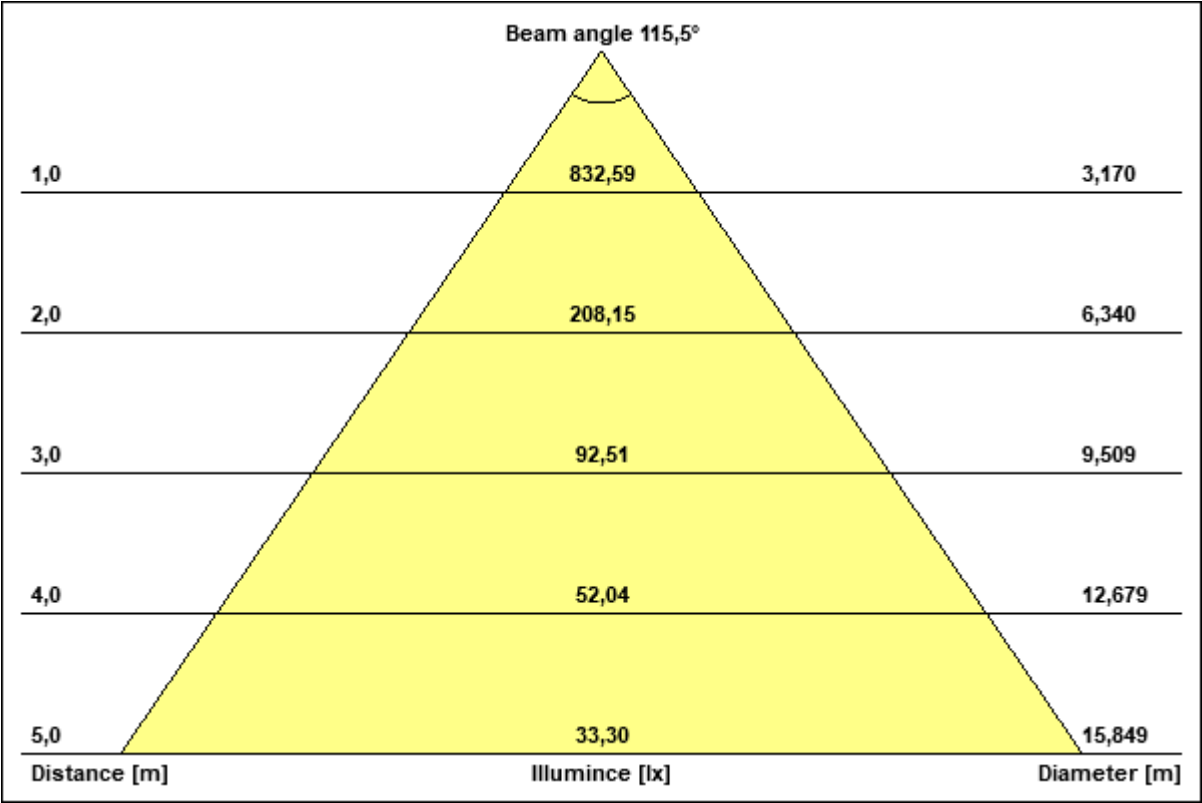
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

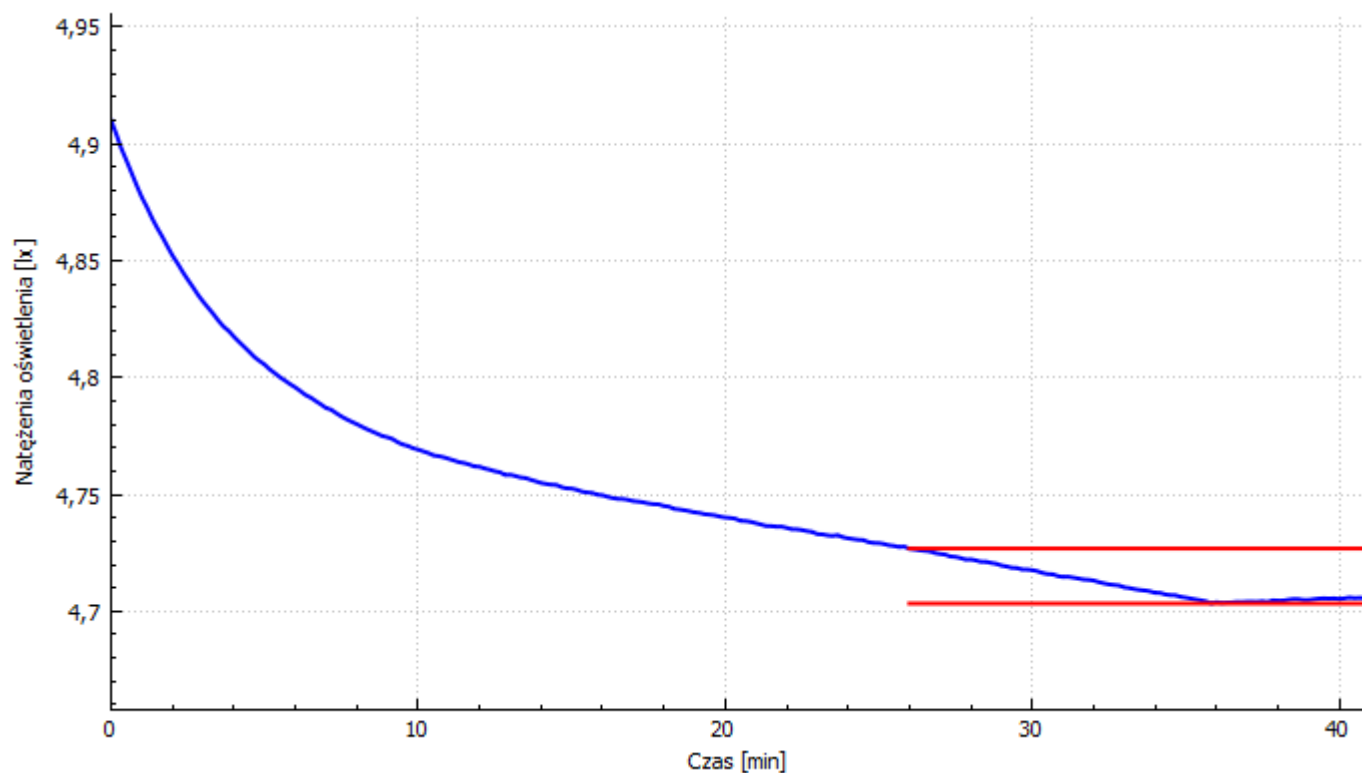
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Stabilization



3D Chart

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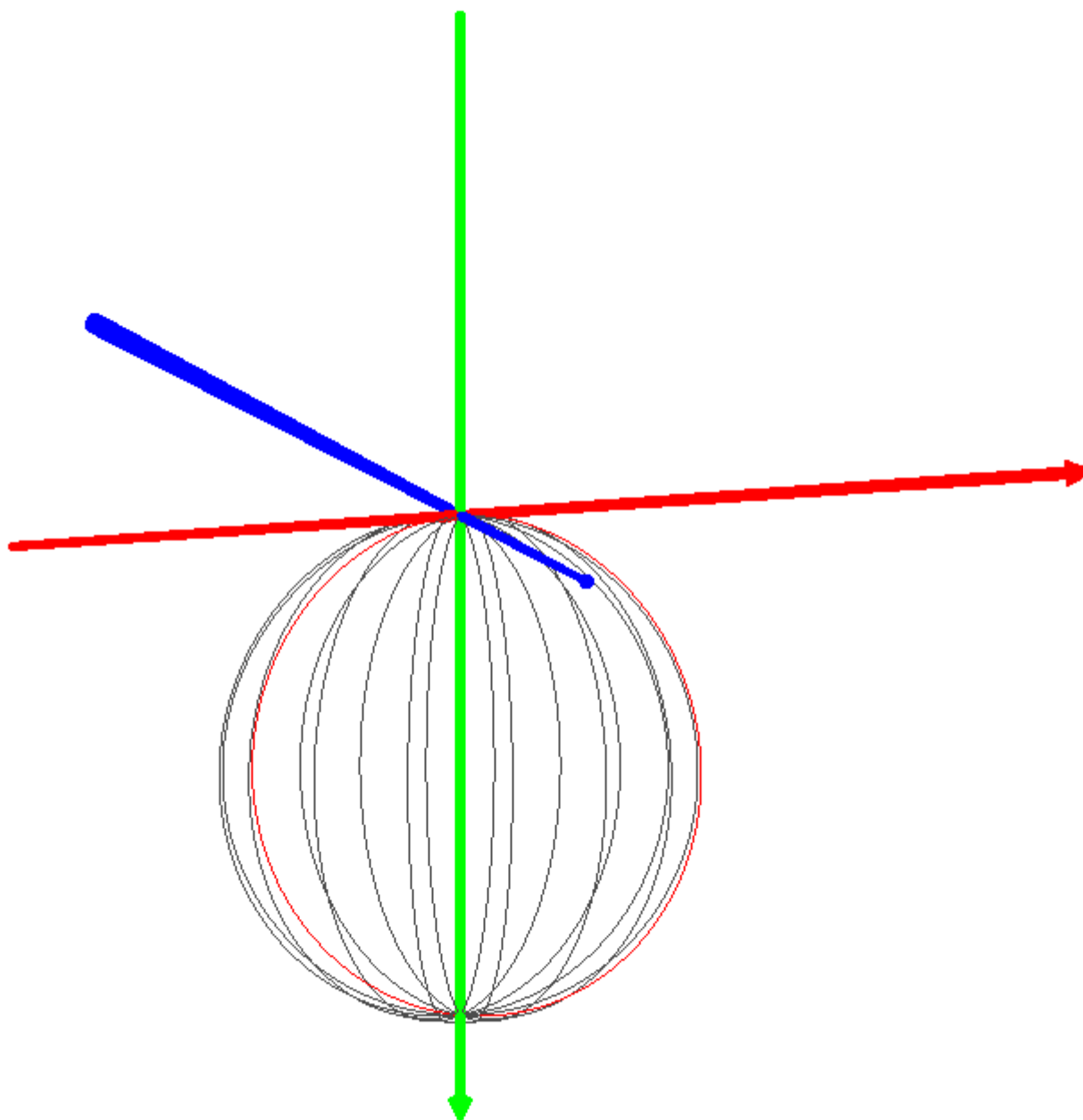
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Legend

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

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	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
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14	0	0	0
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19	0	0	0
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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