

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *MONZA R 40 4000K BK*

Item No: *AZ2266*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *TECH_LED_2*

LuminaireName: *Monza R 40 4000K*

LuminaireNumber: *AZ2266*

FileName: *AZ2266.Idt*

Date: *2020-11-24*

Dimensions of luminaire

Length: *400 mm*

Width: *0 mm*

Height: *60 mm*

Dimensions of luminous area

Length: *396 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: 4430,18 lm
Color temperatur: 4192.74 K
Color rendering index: 91,83
Wattage including ballast: 43,59 W

Utilization factors:

k = 0.60	0,296
k = 0.80	0,380
k = 1.00	0,455
k = 1.25	0,528
k = 1.50	0,584
k = 2.00	0,672
k = 2.50	0,721
k = 3.00	0,759
k = 4.00	0,811
k = 5.00	0,844

Electrical parameters

U = 229,668 V
I = 0,216 A
P = 43,591 W
Power factor = 0,878

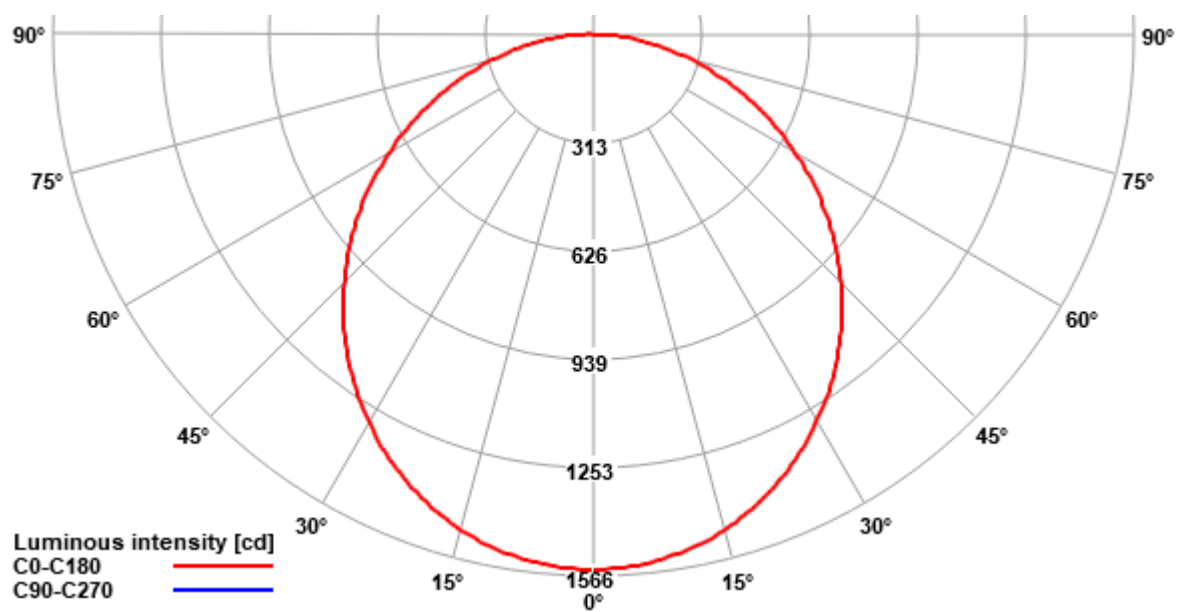
Power apparent = 49,662 VA
Power Reactive = -23,793 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 22 C

Goniometric measurement results

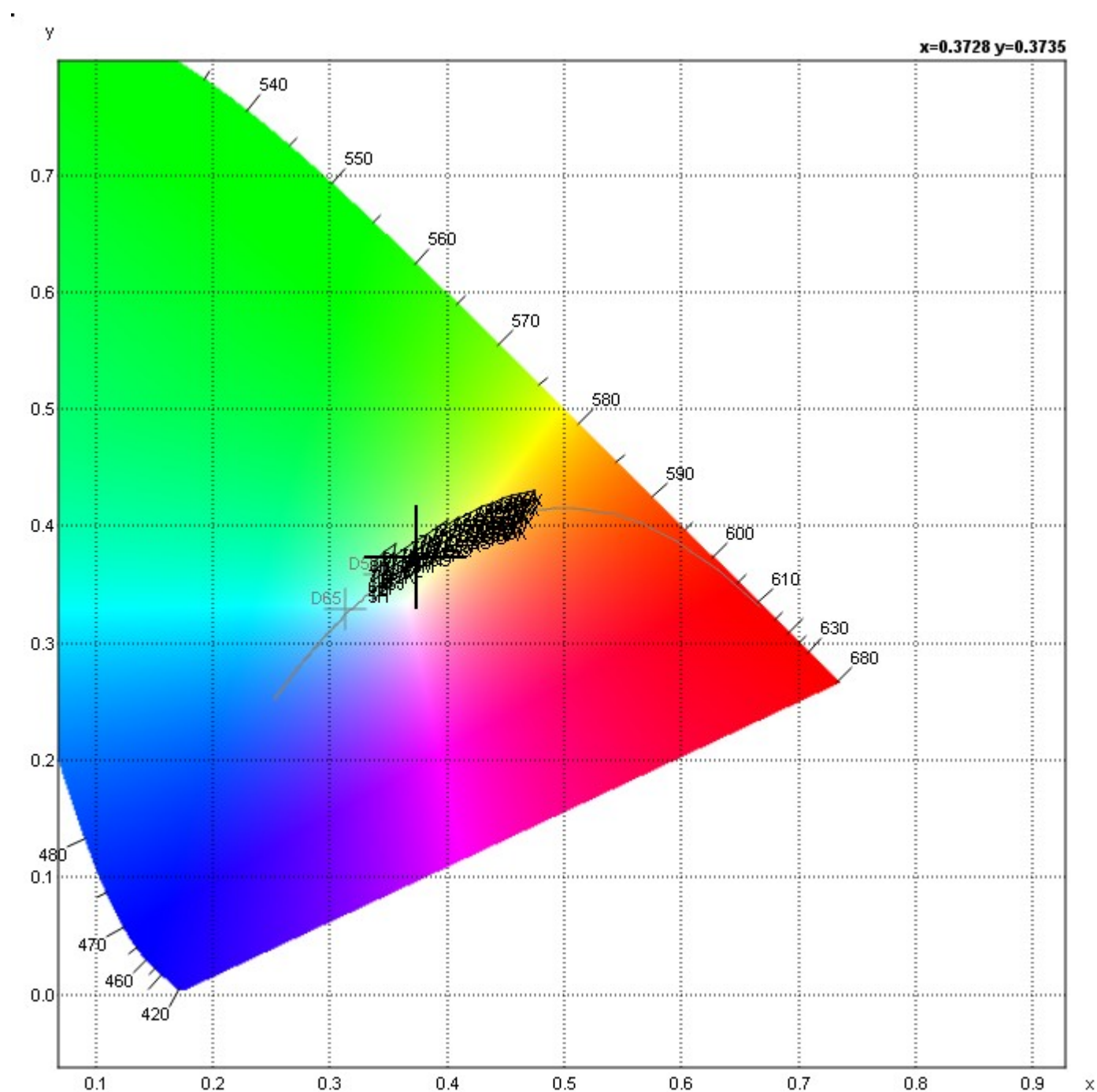
Total flux (utilized luminarie flux)	<i>4430,18 lm</i>
Flux in lower hemisphere	<i>100,00 %</i>
Flux in upper hemisphere	<i>-0,00 %</i>
Maximum luminous intensity	<i>1550,84 cd</i>
Light output ratio (LOR)	<i>100,00 %</i>
Luminous efficacy	<i>101,63 lm/W</i>

Light intensity distribution diagram



CIE 1931 diagram

x 0,3728
y 0,3735
Angular Colour Uniformity 0,0013



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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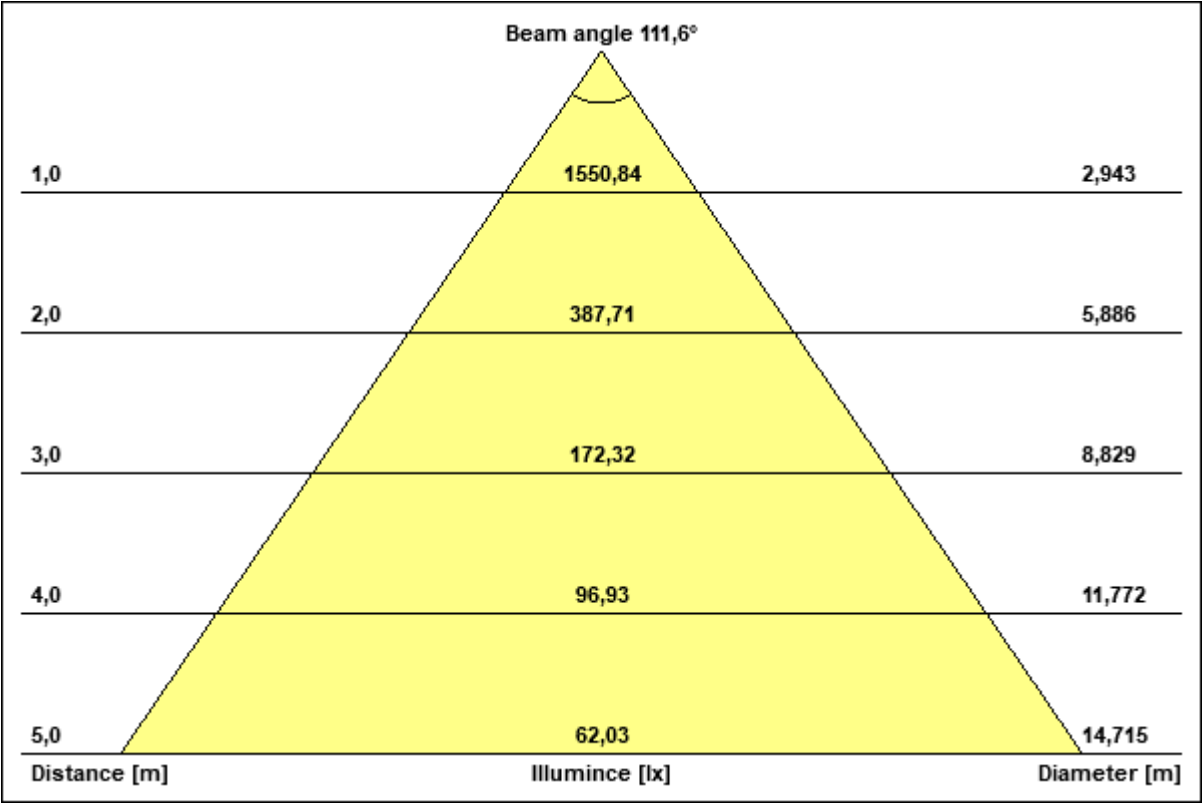
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Stabilization

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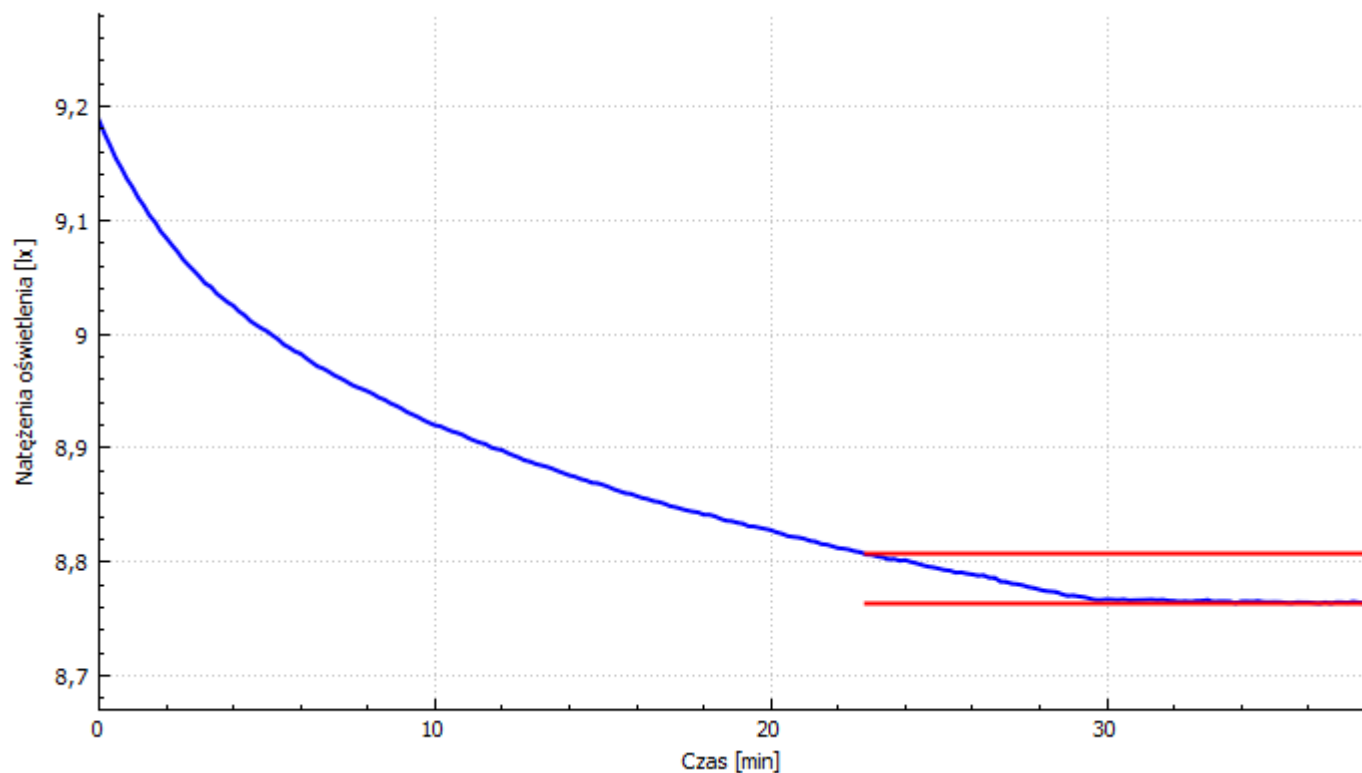
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3D Chart

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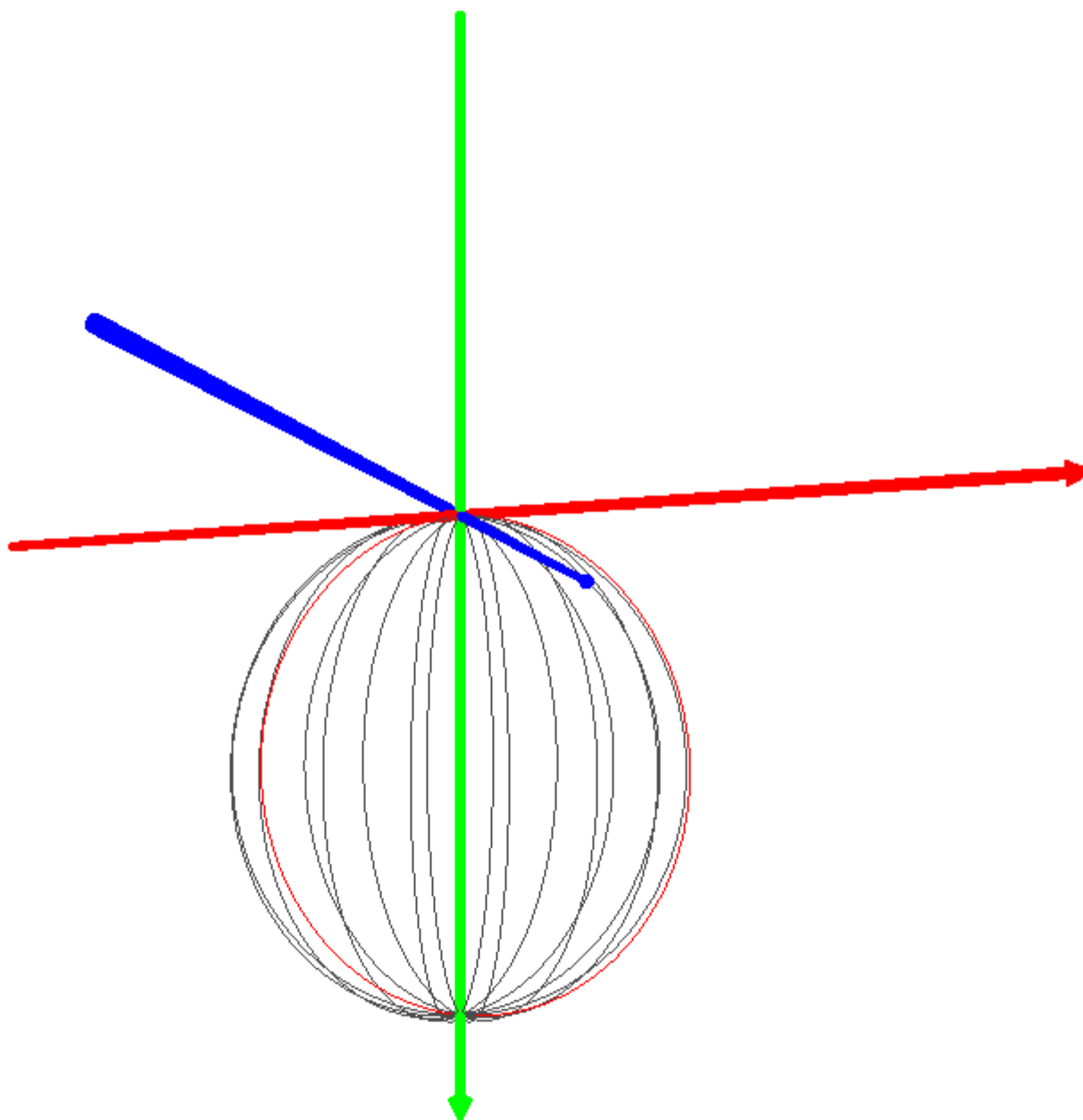
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Legend

- 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
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24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
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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