

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *FALCO 12 4000K WHITE*

Item No: *AZ2781*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *2020-09-10-1*

LuminaireName: *Falco 12 4000K*

LuminaireNumber: *AZ2781*

FileName: *AZ2781.Idt*

Date: *2020-09-18*

Dimensions of luminaire

Length: *120 mm*

Width: *120 mm*

Height: *38 mm*

Dimensions of luminous area

Length: *117 mm*

Width: *117 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: 955,54 lm
Color temperatur: 3979.15 K
Color rendering index: 85,79
Wattage including ballast: 10,70 W

Utilization factors:

k = 0.60	0,295
k = 0.80	0,379
k = 1.00	0,454
k = 1.25	0,528
k = 1.50	0,585
k = 2.00	0,673
k = 2.50	0,723
k = 3.00	0,761
k = 4.00	0,813
k = 5.00	0,846

Electrical parameters

U = 229,575 V
 I = 0,103 A
 P = 10,705 W
Power factor = 0,454

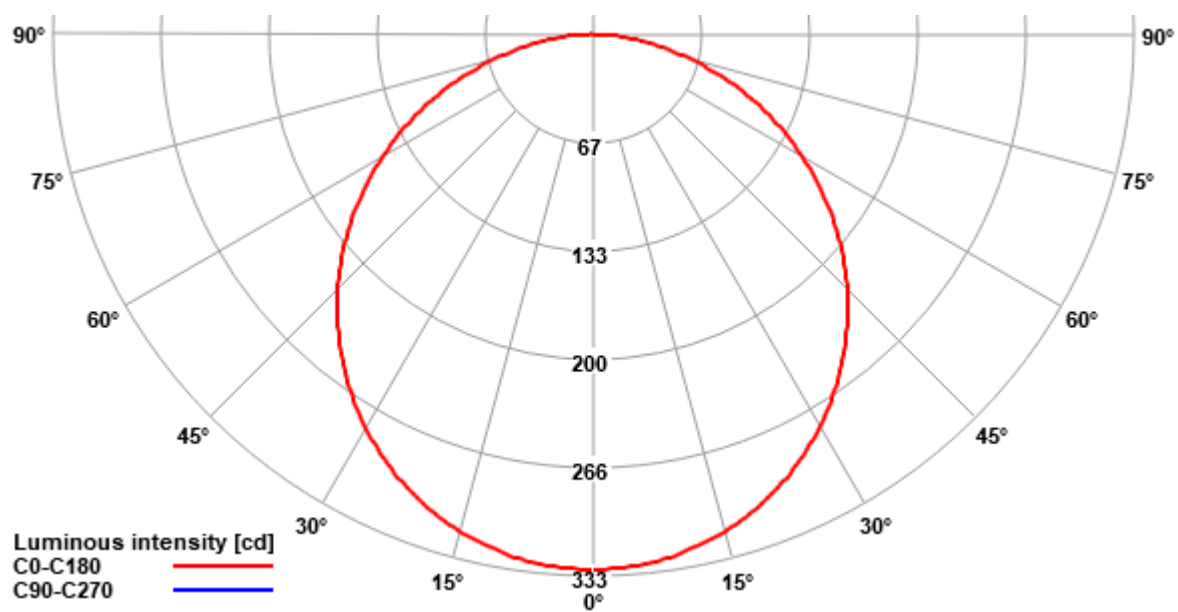
Power apparent = 23,597 VA
Power Reactive = -21,029 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 22 C

Goniometric measurement results

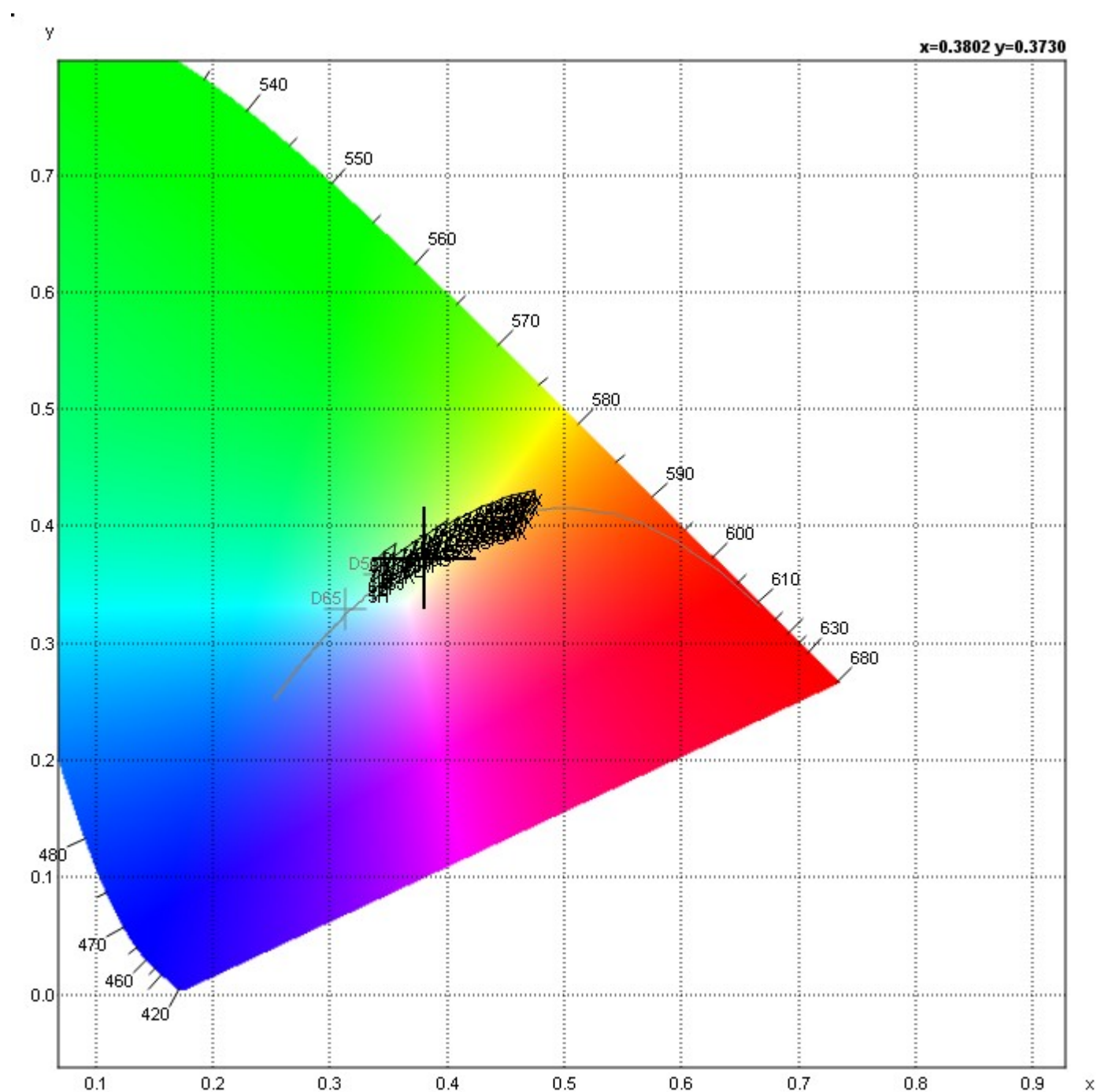
Total flux (utilized luminarie flux)	955,54 <i>lm</i>
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	329,29 <i>cd</i>
Light output ratio (LOR)	100,00 %
Luminous efficacy	89,30 <i>lm/W</i>

Light intensity distribution diagram



CIE 1931 diagram

x 0,3802
y 0,3730
Angular Colour Uniformity 0,0006



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Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

Beam cone



Stabilization

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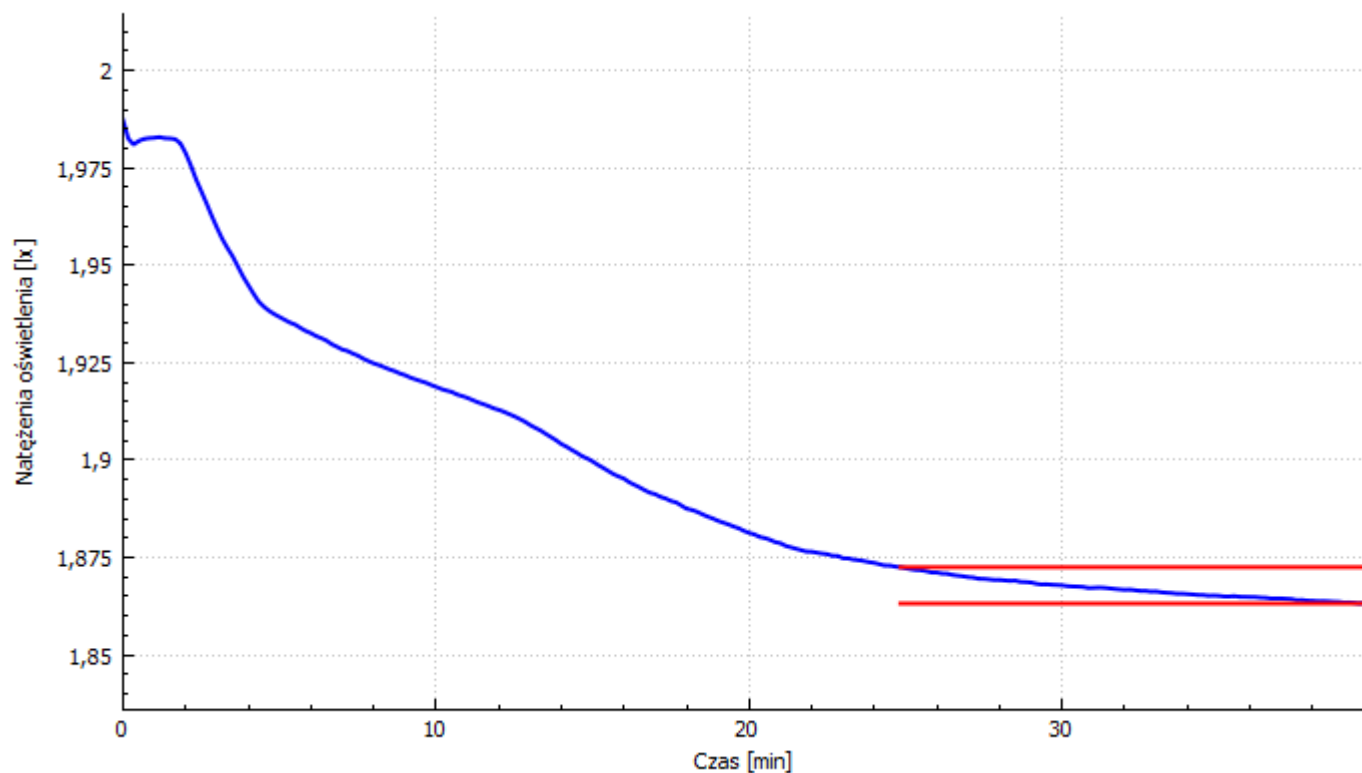
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3D Chart

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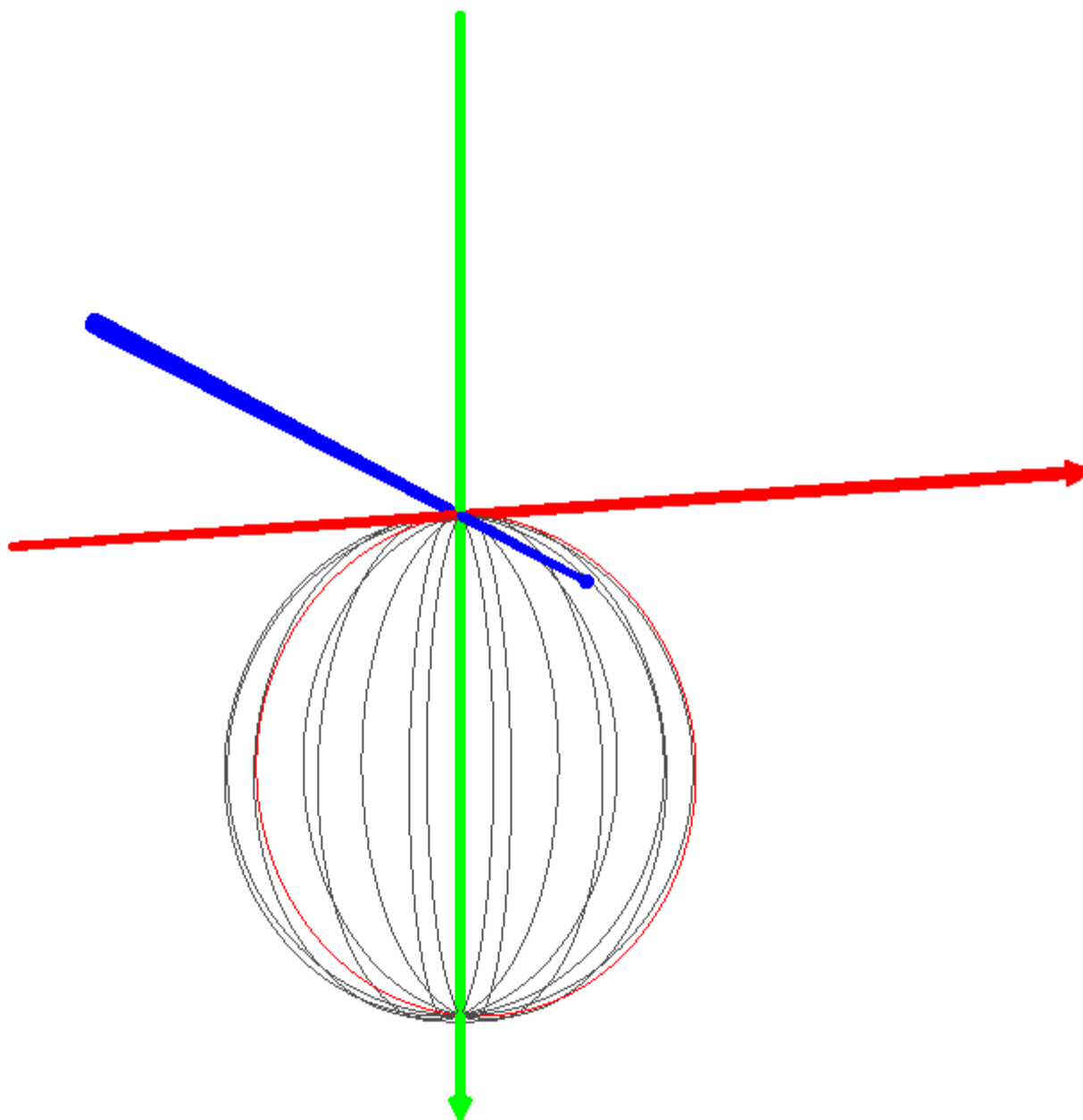
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Legend

- 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
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25	0	0	0
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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