

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *ALDO TRACK MAGNETIC 12W POINTS60 4000K BK*

Item No: *AZ4623*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *ALDO TRACK MAGNETIC 12W POINTS60 4000K*

LuminaireNumber: *AZ4623*

FileName: *AZ4623.Idt*

Date: *2021-06-04*

Dimensions of luminaire

Length: *116 mm*

Width: *25 mm*

Height: *115 mm*

Dimensions of luminous area

Length: *106 mm*

Width: *16 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: 1140,97 lm
Color temperatur: 3940.1 K
Color rendering index: 85,58
Wattage including ballast: 14,23 W

Utilization factors:

k = 0.60	0,696
k = 0.80	0,744
k = 1.00	0,795
k = 1.25	0,834
k = 1.50	0,863
k = 2.00	0,916
k = 2.50	0,926
k = 3.00	0,940
k = 4.00	0,961
k = 5.00	0,975

Electrical parameters

U = 229,626 V
 I = 0,195 A
 P = 14,233 W
Power factor = 0,318

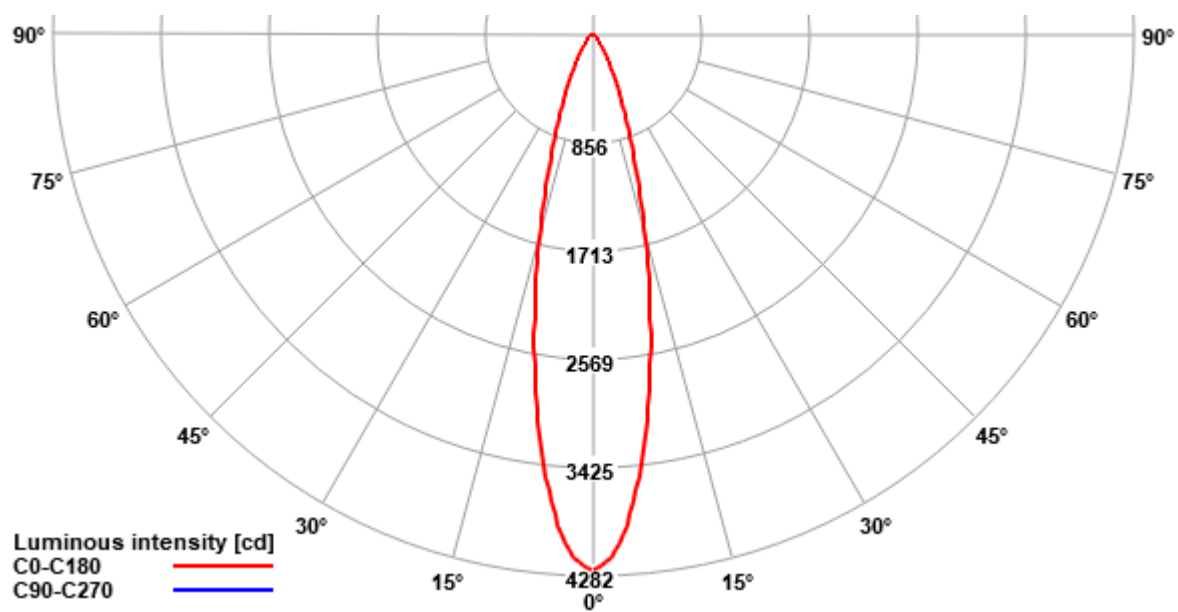
Power apparent = 44,687 VA
Power Reactive = -42,359 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 22 C

Goniometric measurement results

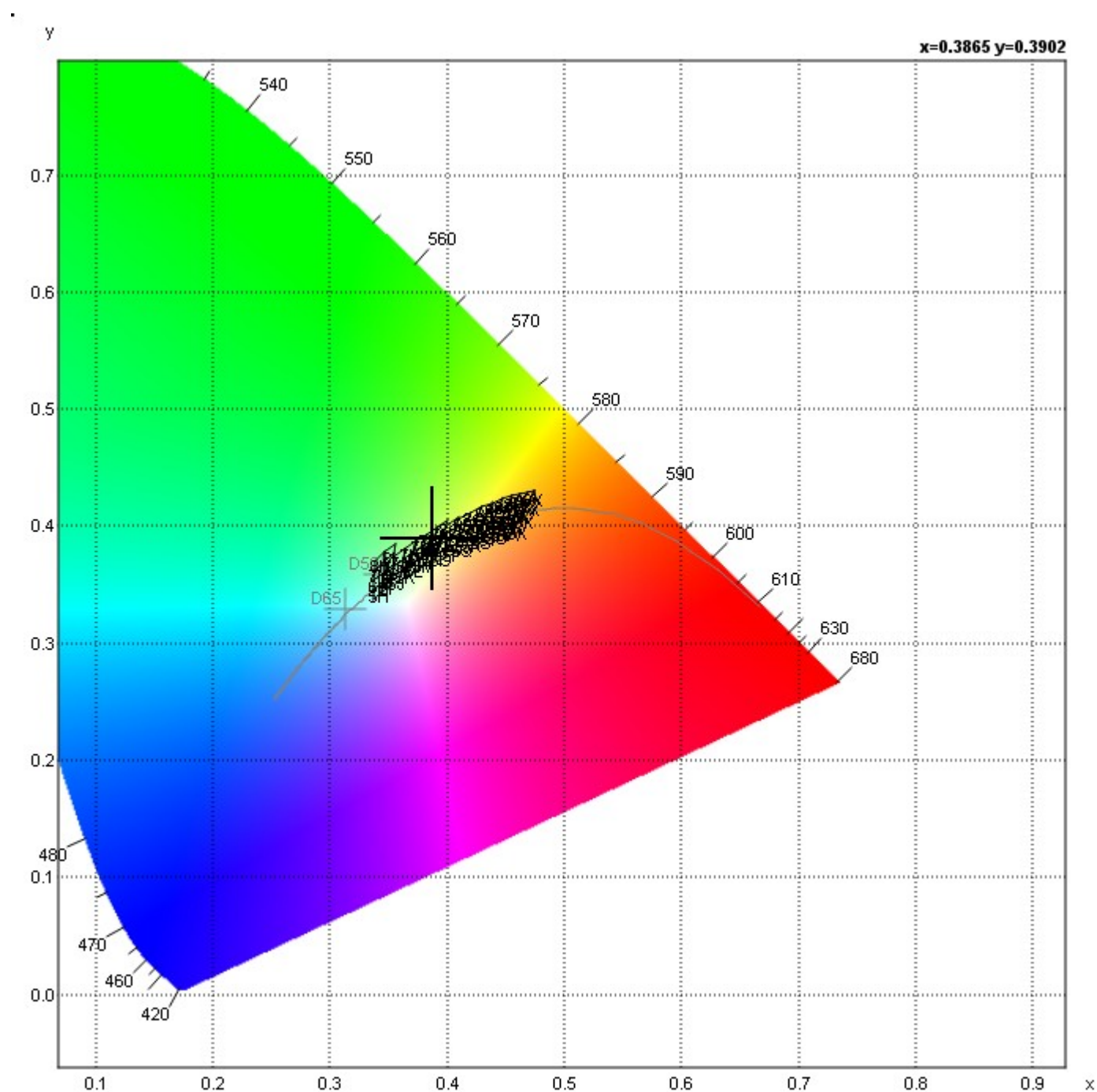
Total flux (utilized luminarie flux)	1140,97 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	4239,15 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	80,18 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,3865
y 0,3902
Angular Colour Uniformity 0,0019



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

ul. Poznańska 70

PL-62-040 Puszczkowo; Poland

Tel.: +48 61 819 40 03

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PLN: IBAN 78 1750 0012 0000 0000 2709 9432

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SWIFT BIC: RCBWPLPW

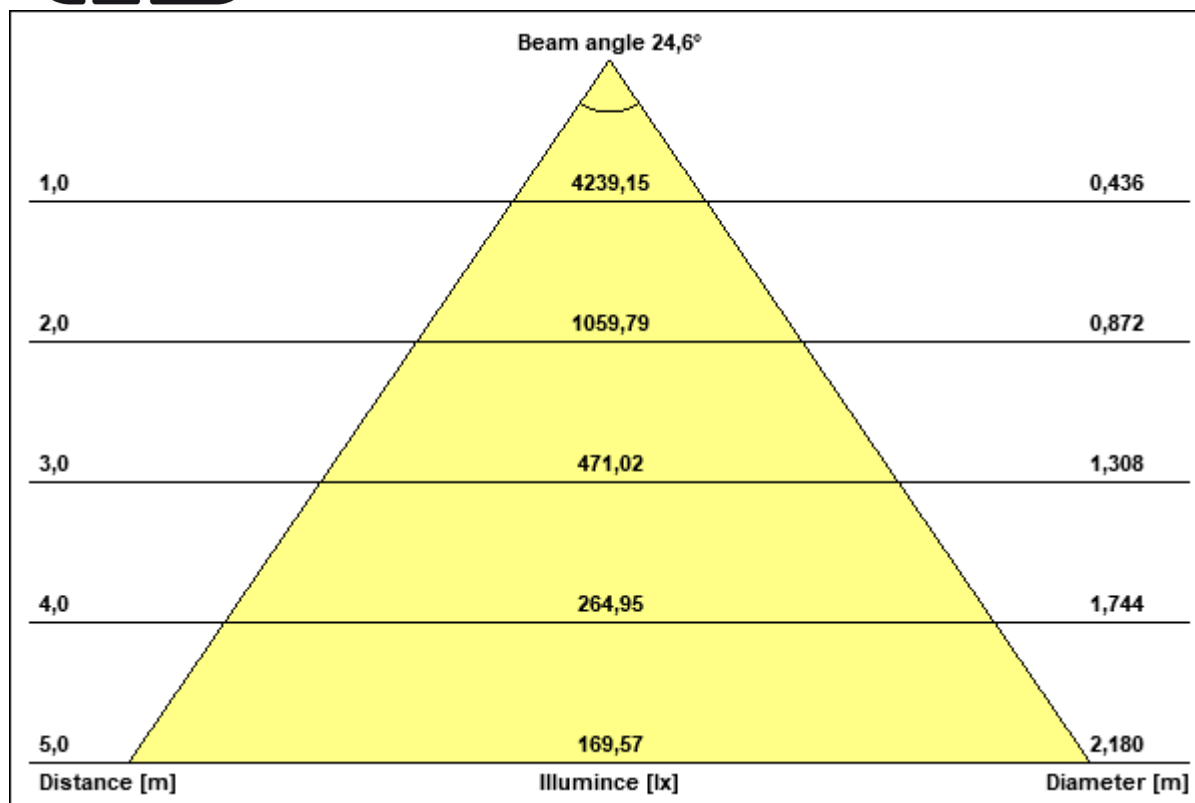
NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

Beam cone



Stabilization

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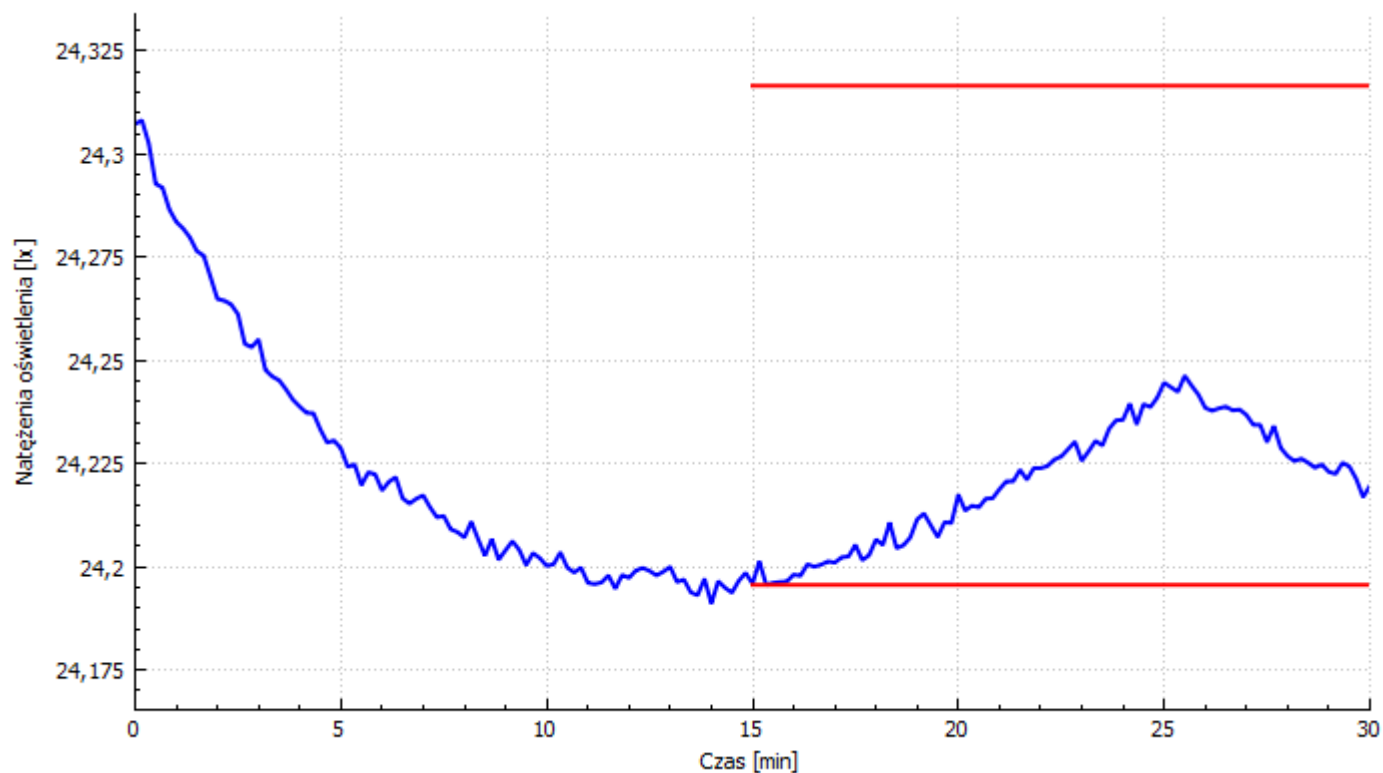
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3D Chart

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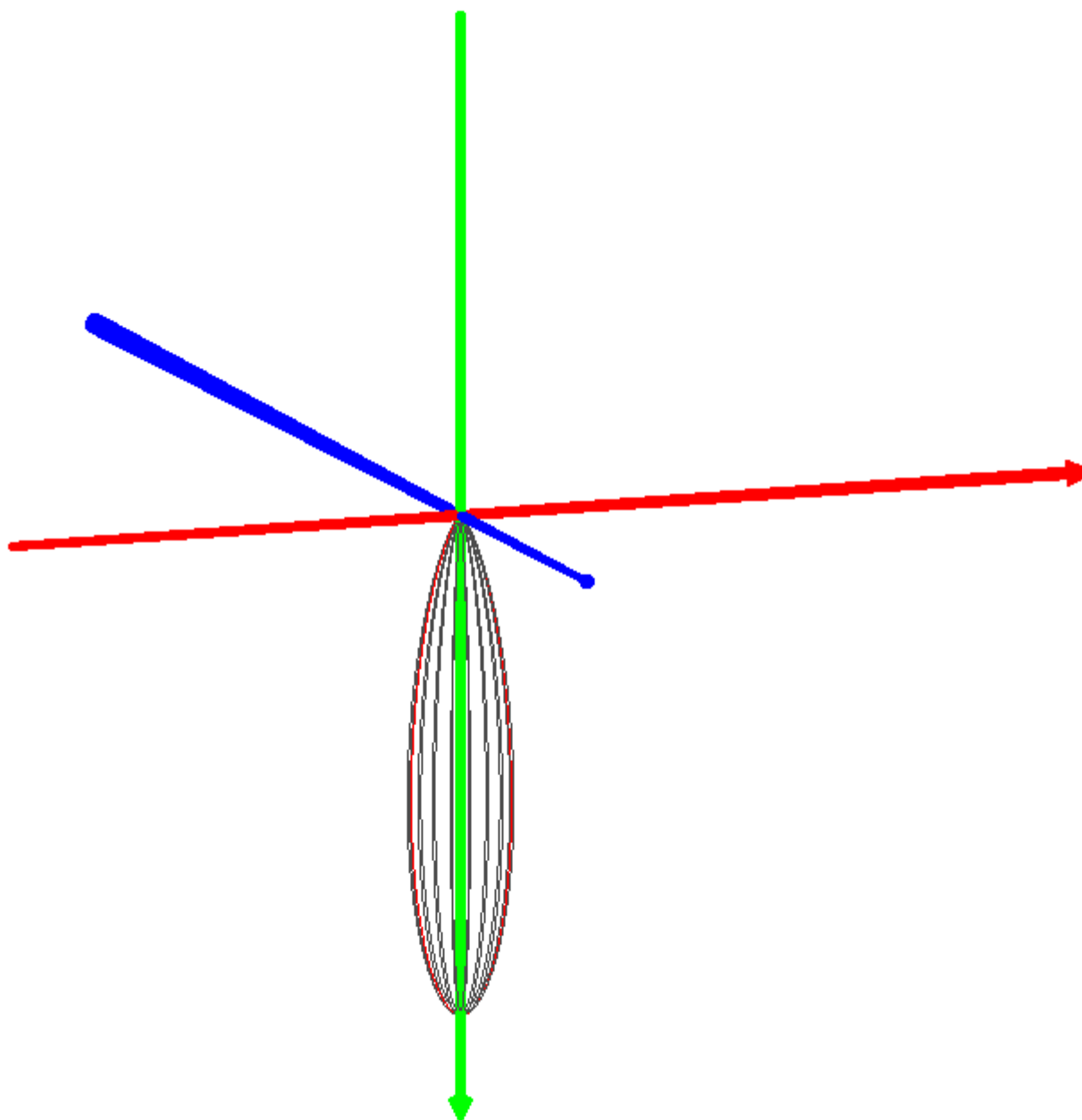
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Legend

- 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
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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

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