

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*
Model name: *NIKO TRACK MAGNETIC 7W 4000K BK/BK*
Item No: *AZ4581*
Serial No.:
Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *1*
LuminaireName: *NIKO 7W M-track 4000K*
LuminaireNumber: *AZ4581*
FileName: *AZ4581.Idt*
Date: *2021-06-04*

Dimensions of luminaire

Length: *35 mm*
Width: *0 mm*
Height: *110 mm*

Dimensions of luminous area

Length: *25 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: 521,02 lm
Color temperatur: 3953.54 K
Color rendering index: 82,81
Wattage including ballast: 7,66 W

Utilization factors:

k = 0.60	0,740
k = 0.80	0,781
k = 1.00	0,827
k = 1.25	0,861
k = 1.50	0,886
k = 2.00	0,935
k = 2.50	0,942
k = 3.00	0,954
k = 4.00	0,973
k = 5.00	0,986

Electrical parameters

U = 229,698 V
 I = 0,110 A
 P = 7,657 W
Power factor = 0,304

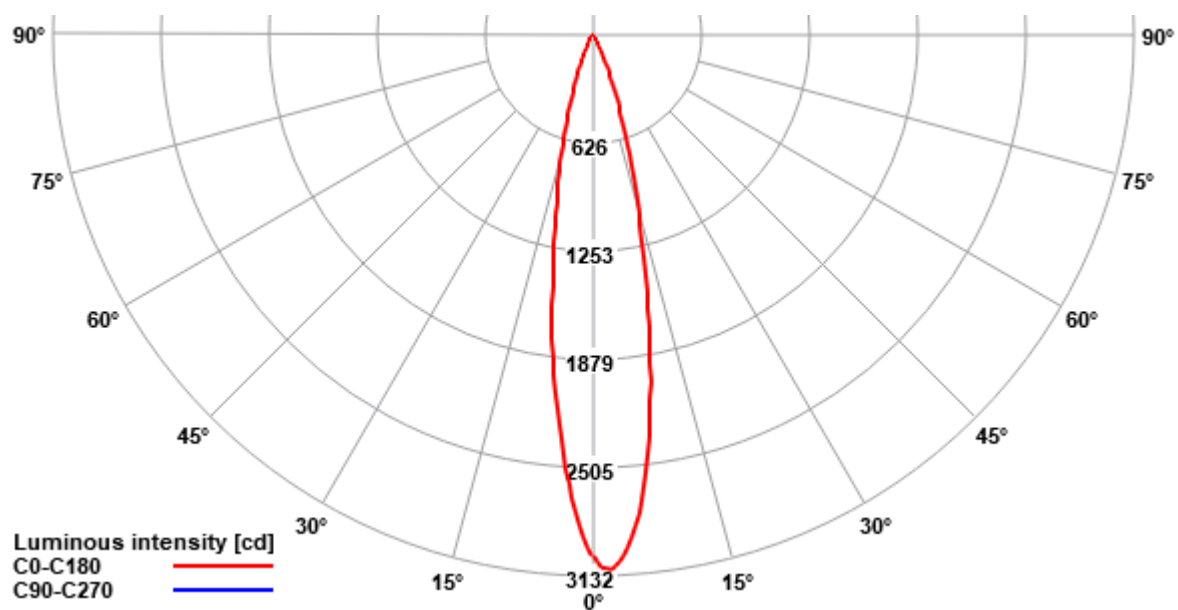
Power apparent = 25,210 VA
Power Reactive = 0,000 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 22 C

Goniometric measurement results

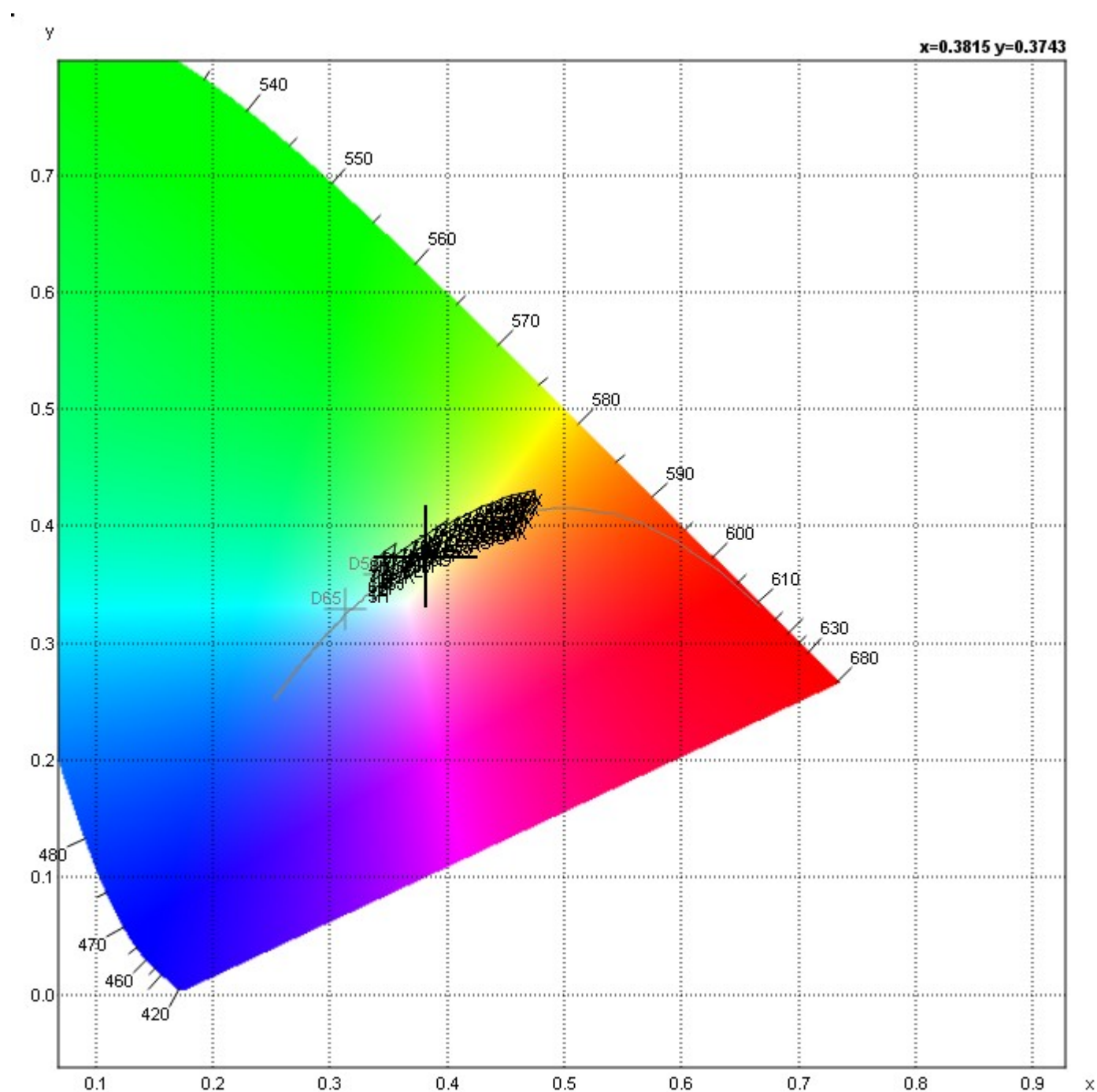
Total flux (utilized luminarie flux)	521,02 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	3158,66 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	68,02 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,3815
y 0,3743
Angular Colour Uniformity 0,0068



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REGON 360317241

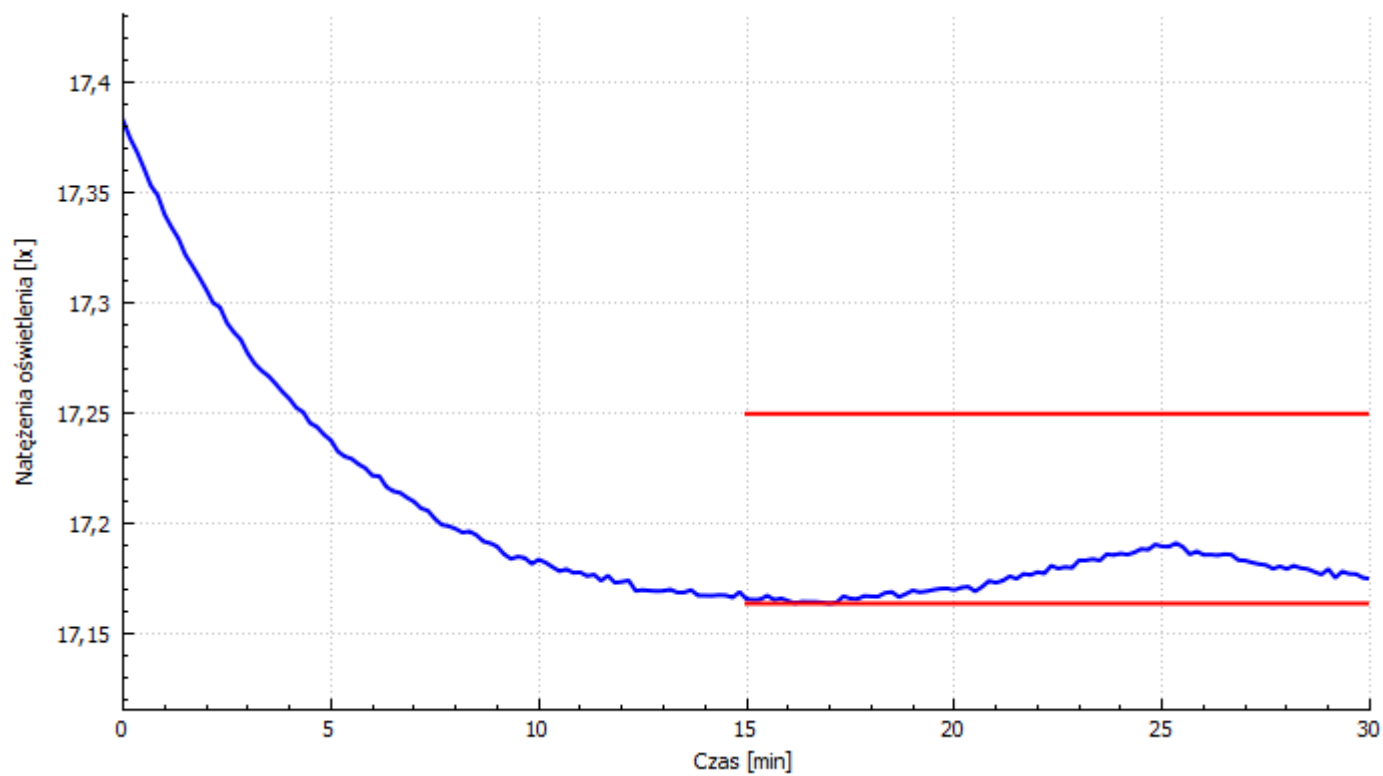
KRS: 0000537079

Kapitał 200.000 PLN

Beam cone



Stabilization



3D Chart

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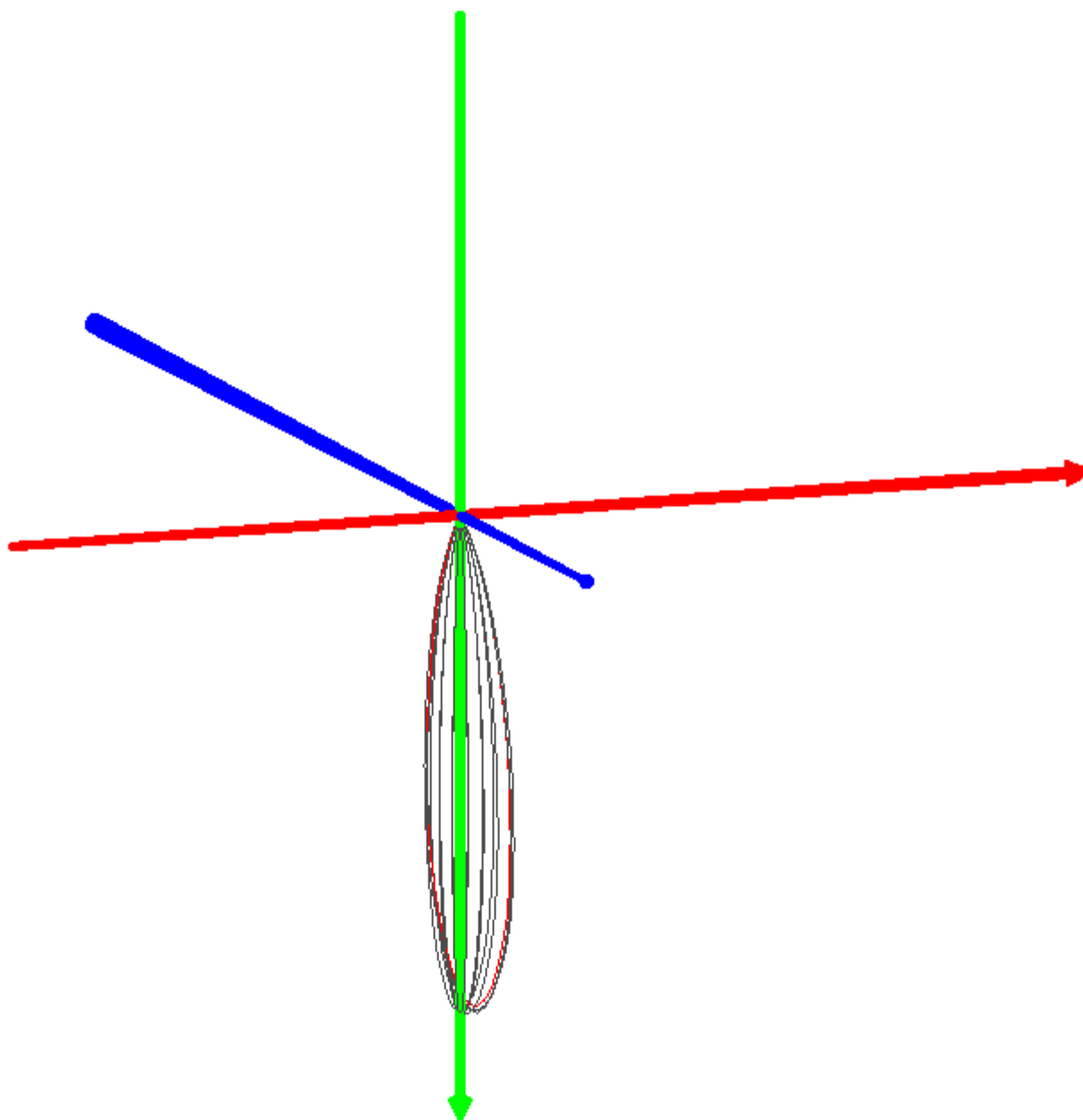
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Legend

- 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
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
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
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31	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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