

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa DALI Niko2 Track Magnetic 2x7W CCT*
Item No: *AZ6293*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6293_3000*
LuminaireName: *Alfa DALI Kira Track Magnetic 24W CCT Dimm*
LuminaireNumber: *AZ6293*
FileName: *AZ6293_3000.ldt*
Date: *2024-09-28*

Dimensions of luminaire

Length: *125 mm*
Width: *35 mm*
Height: *175 mm*

Dimensions of luminous area

Length: *115 mm*
Width: *25 mm*
C0-plane *0 mm*
C90-plane *0 mm*
C180-plane *0 mm*
C270-plane *0 mm*

Lamps:

Number of lamps: *-1*

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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

Type of lamps: *LED*
Total luminous flux: *606,74 lm*
Color temperatur: *3900 K*
Color rendering index: *92,24*
Wattage including ballast: *16,70 W*

Utilization factors:

k = 0.60	<i>0,725</i>
k = 0.80	<i>0,768</i>
k = 1.00	<i>0,815</i>
k = 1.25	<i>0,850</i>
k = 1.50	<i>0,876</i>
k = 2.00	<i>0,927</i>
k = 2.50	<i>0,934</i>
k = 3.00	<i>0,947</i>
k = 4.00	<i>0,967</i>
k = 5.00	<i>0,981</i>

Electrical parameters

<i>U</i>	<i>= 229,664 V</i>
<i>I</i>	<i>= 0,134 A</i>
<i>P</i>	<i>= 16,701 W</i>
<i>Power factor</i>	<i>= 0,541</i>

<i>Power apparent</i>	<i>= 30,881 VA</i>
<i>Power Reactive</i>	<i>= -25,975 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 28,514 %</i>

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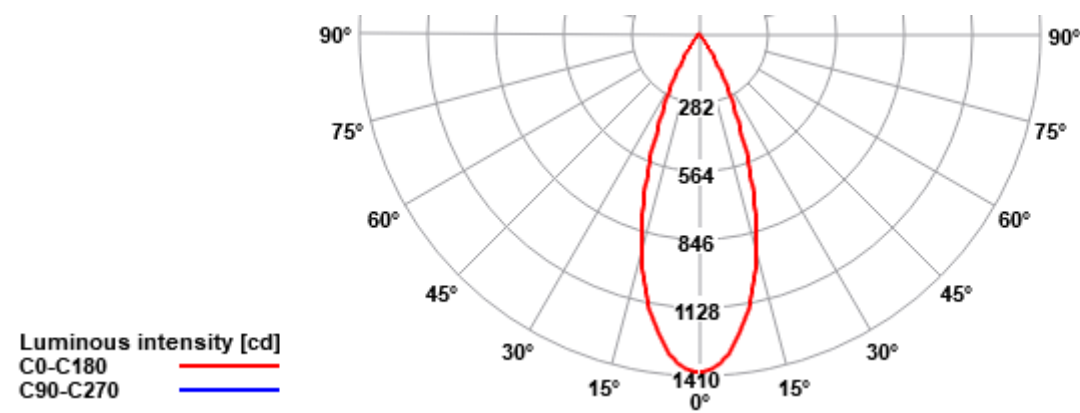
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	606,74 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1396,13 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	36,33 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3803
y	0,3635
Angular Colour Uniformity	0,0110

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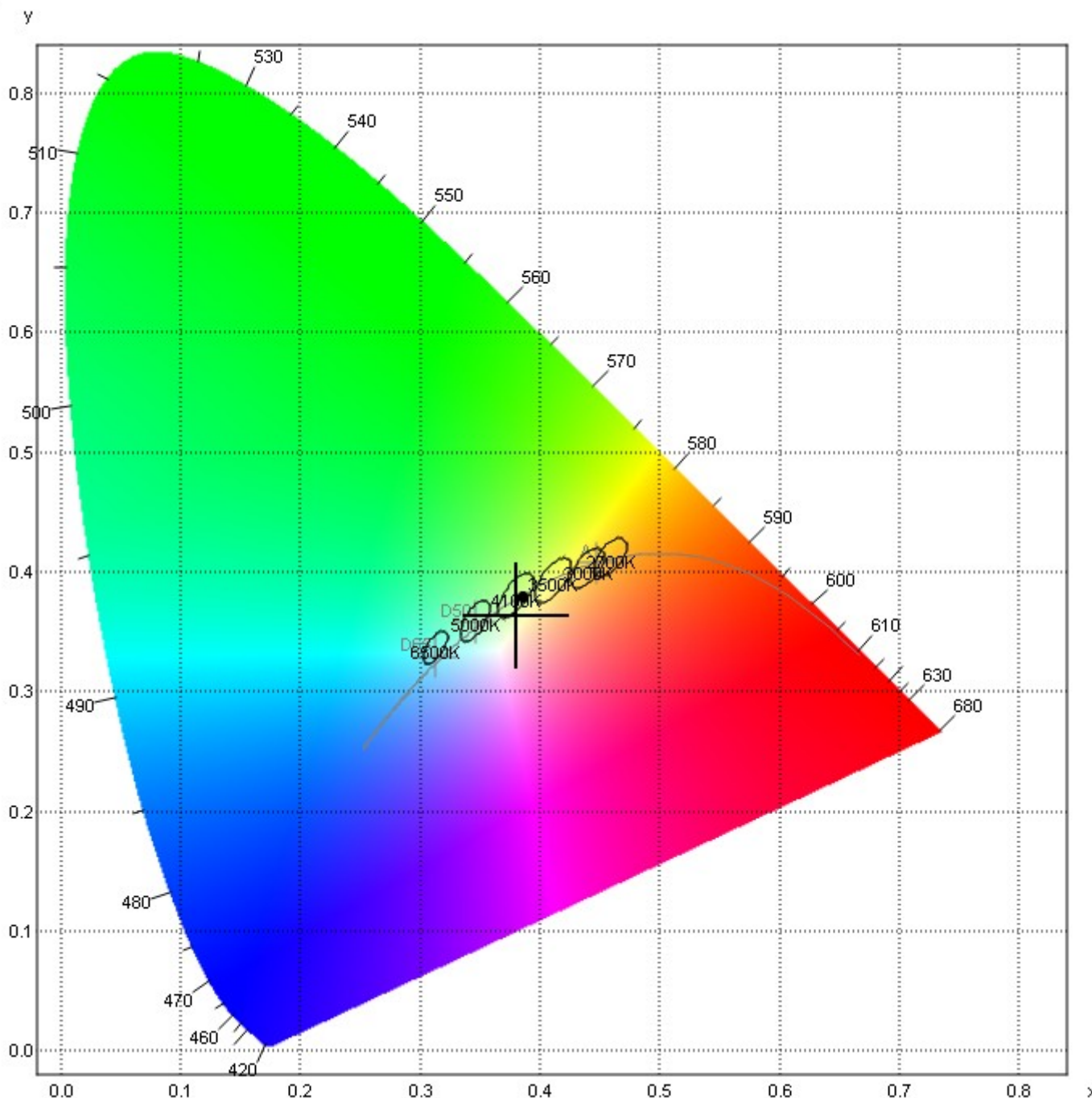
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Beam cone

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Stabilization

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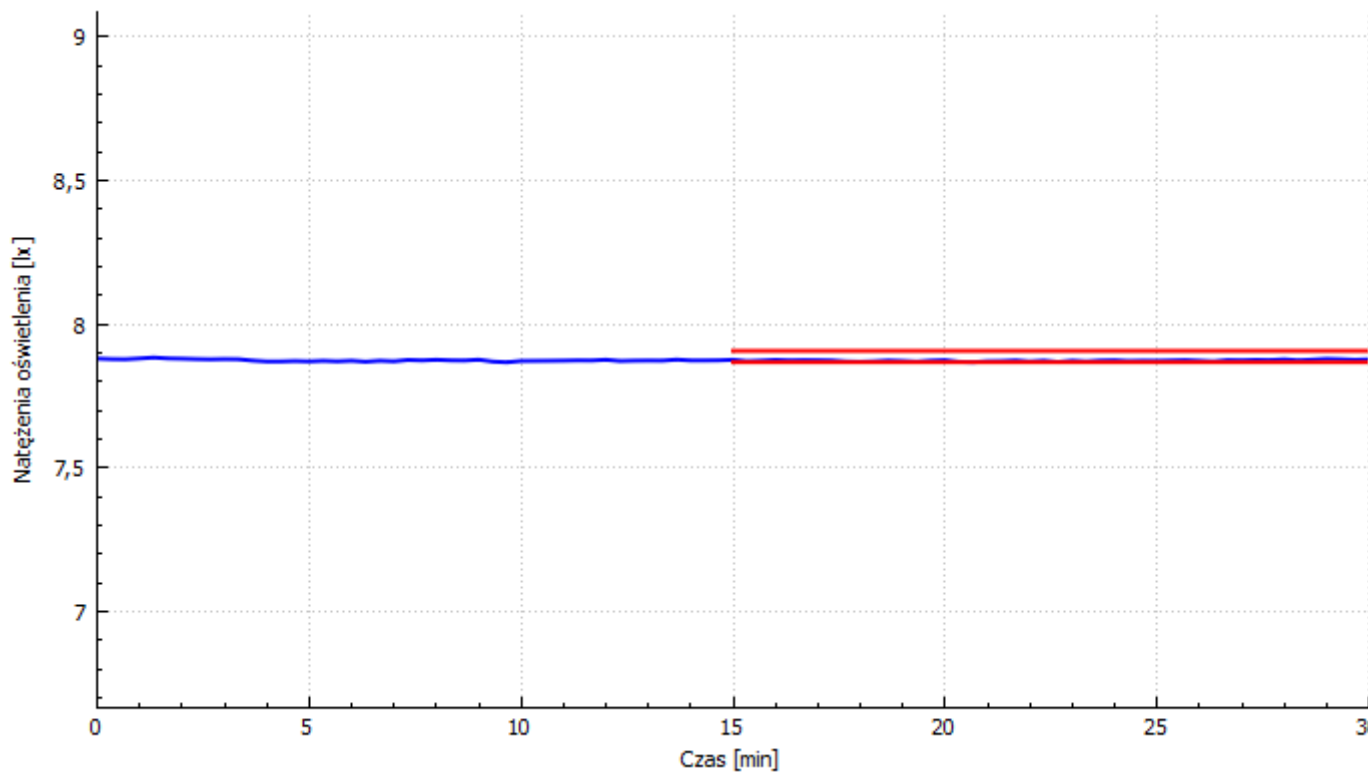
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3D Chart

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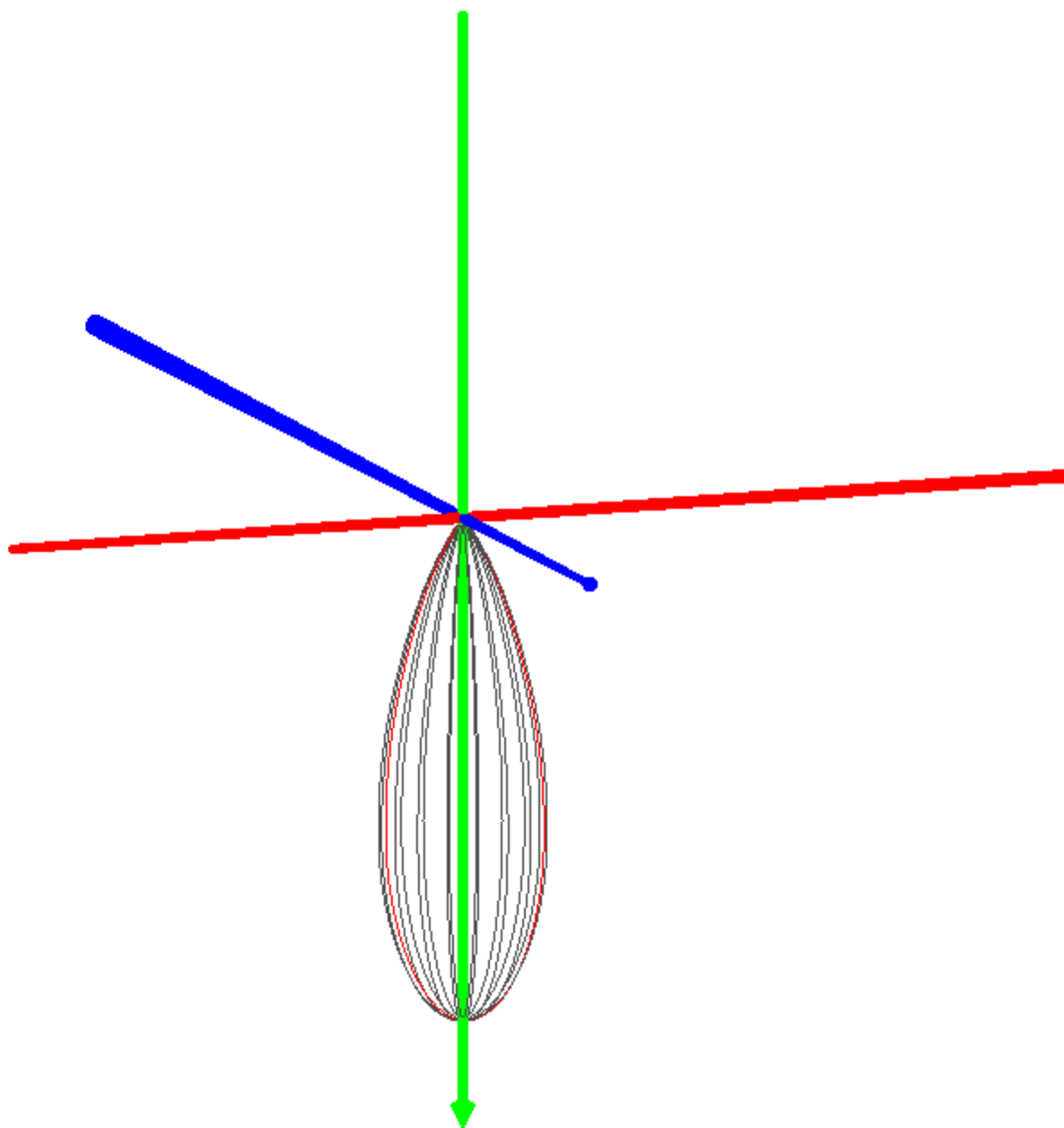
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
end
ed
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			P(%f)
0	0,0638	0	-0,000149
1	100,000	100,000	100,000
2	0,00705	0,0662	9,71e-07
3	0,00518	18,589	0,000429
4	0,00231	0,0446	0
5	0,00936	13,639	0,00216
6	0,00146	0,0335	1,06e-06
7	0	8,207	9,36e-05
8	0,00121	0,037	-7,9e-07
9	0,00363	4,501	6,81e-05
10	0,00104	0,0535	0
11	0,00994	7,281	0,000766
12	0,00127	0,0674	1,8e-06
13	0,00409	2,431	9,35e-05
14	0,00119	0,0428	0
15	0,00815	5,345	0,000249
16	0	0	-2,04e-07
17	0,00683	3,821	-4,36e-05
18	0,000965	0	1,49e-07
19	0,0048	2,333	-7,11e-06
20	0	0,038	-4,67e-07
21	0,00864	4,605	0,000118

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22	0	0,045	3,11e-07
23	0,00113	0,651	-2,51e-05
24	0,00158	0,0429	2,12e-07
25	0,00767	3,731	0,00016
26	0	0,0627	0
27	0,00511	2,307	1,59e-05
28	0,00111	0	1,02e-06
29	0,00585	2,079	3,2e-05
30	0	0	0
31	0,00687	3,128	0,000104
32	0	0	7,46e-07
33	0,00271	0,805	1,81e-05
34	0,00143	0,0732	-1,45e-06
35	0,00811	2,797	2,89e-05
36	0,00194	0,102	1,02e-06
37	0,00614	1,659	-4,18e-06
38	0,00125	0,0619	9,49e-07
39	0,00583	1,850	2,13e-05
40	0,00143	0,0756	-2,86e-07
41	0,00711	2,257	-3,54e-05
42	0,00171	0,0563	5,39e-07
43	0,00487	1,257	2,15e-05
44	0	0,0622	-1,88e-06
45	0,00771	2,085	4,08e-05
46	0,00209	0,096	1,95e-06
47	0,00618	1,685	4,96e-05
48	0,00105	0,0836	-5,91e-07
49	0,00557	1,525	3,12e-05
50	0,0012	0,152	1,17e-06

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