

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Alfa DALI Niko Track Magnetic 20W CCT Switch*

Item No: *AZ6292*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6292_3000*

LuminaireName: *Alfa DALI Niko Track Magnetic 12W CCT Dimm*

LuminaireNumber: *AZ6292*

FileName: *AZ6292_3000.ldt*

Date: *2024-09-27*

Dimensions of luminaire

Length: *55 mm*

Width: *0 mm*

Height: *210 mm*

Dimensions of luminous area

Length: *45 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*

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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

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Type of lamps: *LED*
Total luminous flux: *1162,00 lm*
Color temperatur: *3759 K*
Color rendering index: *94,24*
Wattage including ballast: *22,80 W*

Utilization factors:

k = 0.60	<i>0,702</i>
k = 0.80	<i>0,749</i>
k = 1.00	<i>0,799</i>
k = 1.25	<i>0,837</i>
k = 1.50	<i>0,865</i>
k = 2.00	<i>0,917</i>
k = 2.50	<i>0,927</i>
k = 3.00	<i>0,940</i>
k = 4.00	<i>0,961</i>
k = 5.00	<i>0,975</i>

Electrical parameters

<i>U</i>	<i>= 229,652 V</i>
<i>I</i>	<i>= 0,162 A</i>
<i>P</i>	<i>= 22,799 W</i>
<i>Power factor</i>	<i>= 0,613</i>

<i>Power apparent</i>	<i>= 37,193 VA</i>
<i>Power Reactive</i>	<i>= -29,380 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 23,881 %</i>

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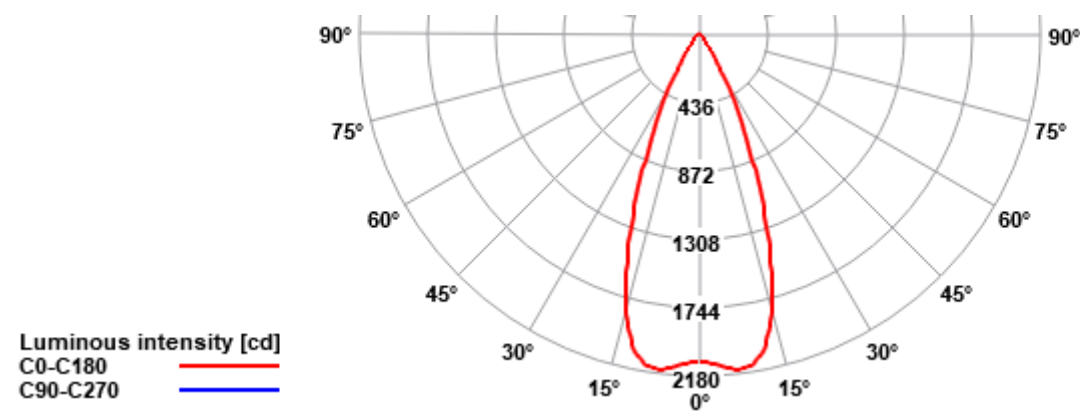
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1162,00 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	2158,30 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	50,96 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3878
y	0,3713
Angular Colour Uniformity	0,0071

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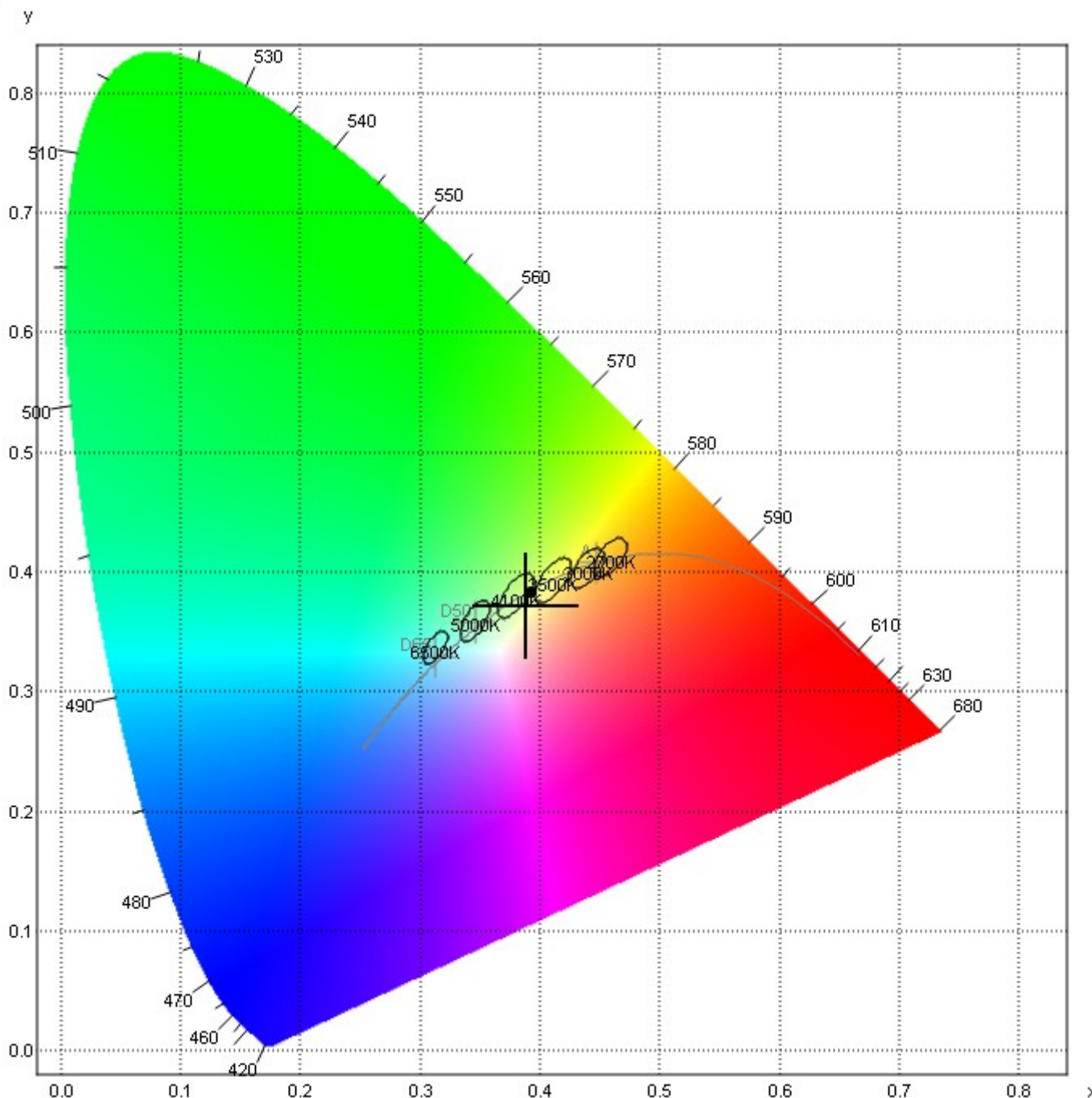
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Beam cone

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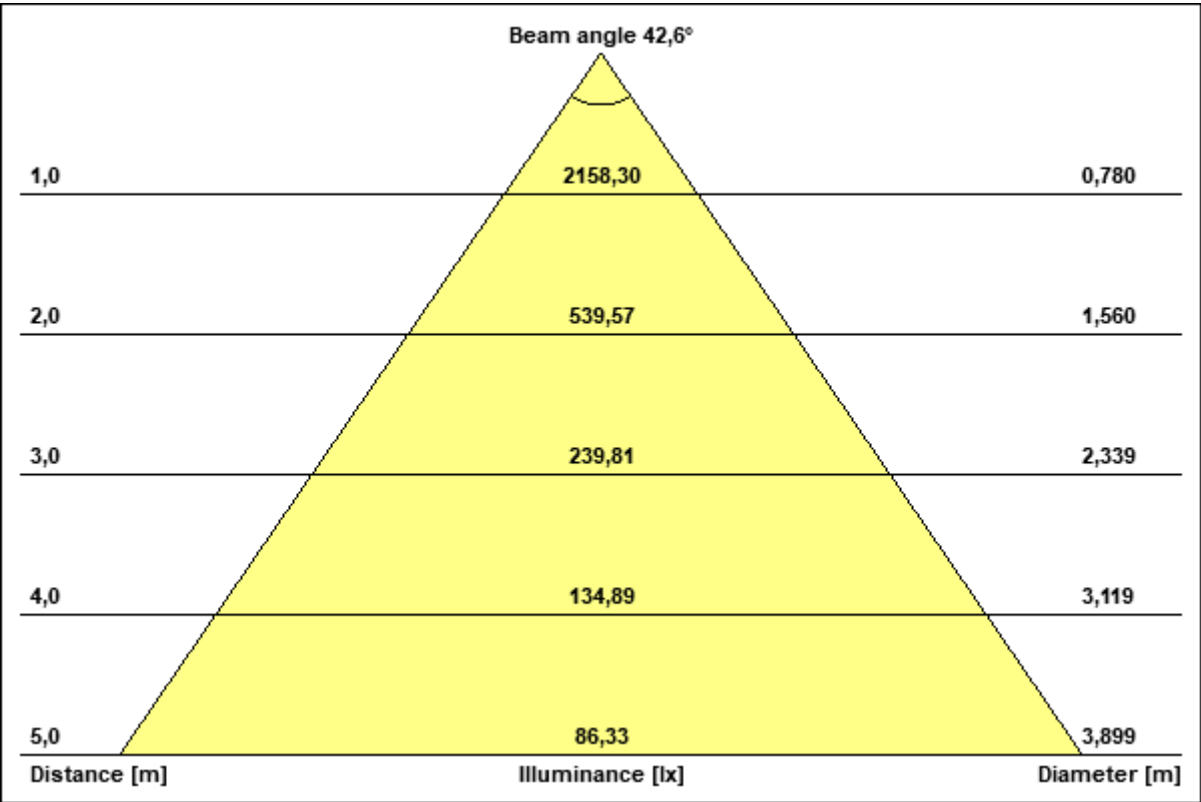
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Stabilization

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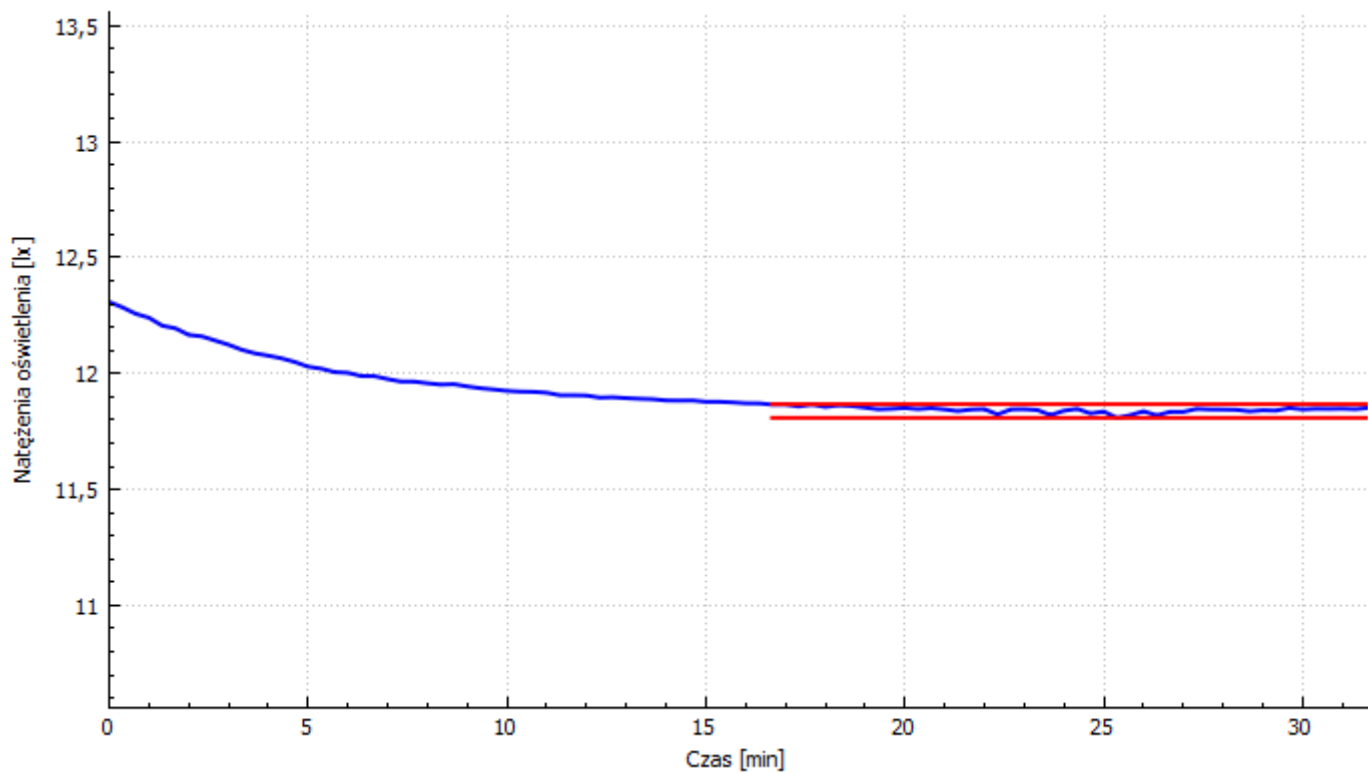
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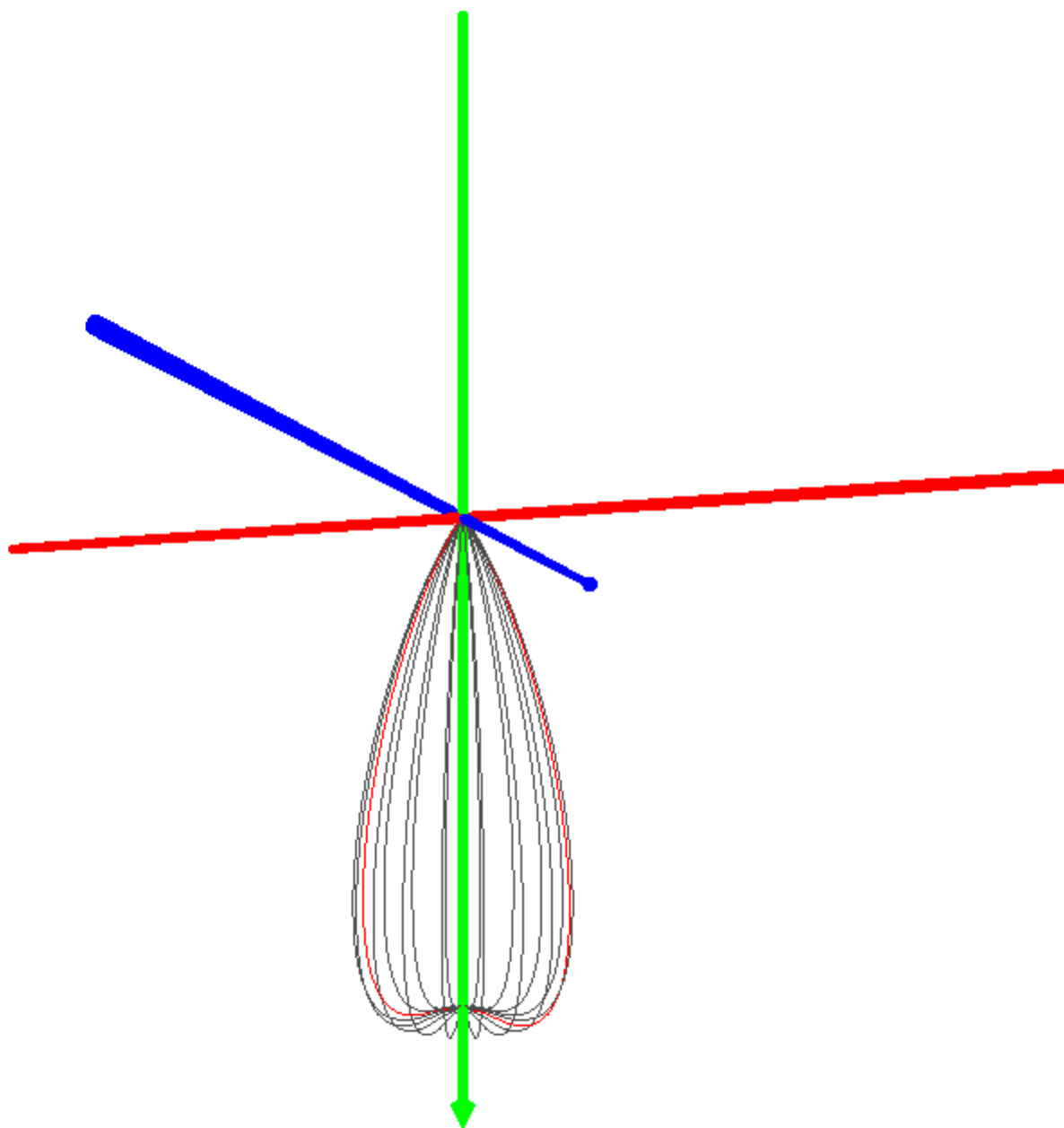
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3D Chart

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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0,0501	0,112	6,57e-06
1	100,000	100,000	100,000
2	0,00777	0,0564	6,79e-07
3	0,00287	11,216	-0,000189
4	0,0025	0	-4,36e-07
5	0,0129	14,769	0,00257
6	0,00182	0,0399	1,13e-08
7	0,00672	5,821	0,000475
8	0,00137	0,0391	4,34e-07
9	0,00414	5,796	0,000161
10	0,00115	0,0571	0
11	0,00977	5,470	0,000202
12	0	0,048	9,44e-07
13	0,00562	3,628	0,000111
14	0,0012	0,0598	6,03e-08
15	0,00655	5,038	9,07e-05
16	0	0	0
17	0,0029	1,898	3,38e-05
18	0	0	0
19	0,0079	4,698	0,000213
20	0,00101	0,037	5,58e-07
21	0,00255	1,247	-1,62e-05

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22	0	0,0495	0
23	0,0127	3,912	0,000188
24	0,000867	0,0389	0
25	0,004	1,785	3,25e-05
26	0,00126	0,0363	-6,55e-07
27	0,0074	2,889	-3,42e-05
28	0	0,0496	-1,04e-06
29	0,00719	2,277	0,0001
30	0	0,0673	0
31	0,00443	1,767	3,51e-06
32	0,00134	0,0731	-2,3e-06
33	0,00924	2,523	5,28e-05
34	0,000929	0,0431	0
35	0,00576	1,135	2,64e-05
36	0	0,102	0
37	0,00798	2,232	1,55e-05
38	0,00118	0,0507	-8,27e-07
39	0,00452	0,973	9,6e-06
40	0,00112	0,105	1,17e-06
41	0,00916	2,037	-2,99e-06
42	0	0,0875	-5,3e-08
43	0,00546	1,363	-1,66e-06
44	0,00141	0,0777	-1,17e-06
45	0,00831	1,797	4,63e-05
46	0,00153	0,117	1,6e-06
47	0,00675	1,625	2,41e-05
48	0	0,0565	-1,07e-06
49	0,00596	1,448	1,49e-05
50	0,00218	0,109	-4,46e-08

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