

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Alfa DALI Niko Track Magnetic 12W CCT Switch*

Item No: *AZ6291*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6291_3000*

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

LuminaireNumber: *AZ6291*

FileName: *AZ6291_3000.ldt*

Date: *2024-09-26*

Dimensions of luminaire

Length: *45 mm*

Width: *0 mm*

Height: *195 mm*

Dimensions of luminous area

Length: *30 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: *647,40 lm*
Color temperatur: *3949 K*
Color rendering index: *92,97*
Wattage including ballast: *14,19 W*

Utilization factors:

k = 0.60	<i>0,704</i>
k = 0.80	<i>0,751</i>
k = 1.00	<i>0,801</i>
k = 1.25	<i>0,838</i>
k = 1.50	<i>0,866</i>
k = 2.00	<i>0,918</i>
k = 2.50	<i>0,928</i>
k = 3.00	<i>0,941</i>
k = 4.00	<i>0,962</i>
k = 5.00	<i>0,976</i>

Electrical parameters

<i>U</i>	<i>= 229,668 V</i>
<i>I</i>	<i>= 0,126 A</i>
<i>P</i>	<i>= 14,188 W</i>
<i>Power factor</i>	<i>= 0,489</i>

<i>Power apparent</i>	<i>= 29,123 VA</i>
<i>Power Reactive</i>	<i>= -25,432 var</i>
<i>Frequency Voltage</i>	<i>= 50,001 Hz</i>
<i>THD</i>	<i>= 34,662 %</i>

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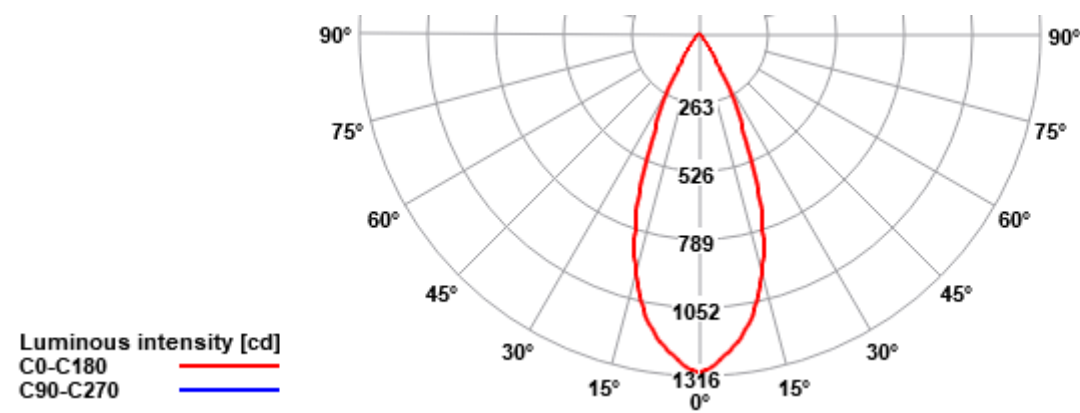
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	647,40 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1302,54 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	45,62 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3783
y	0,3625
Angular Colour Uniformity	0,0057

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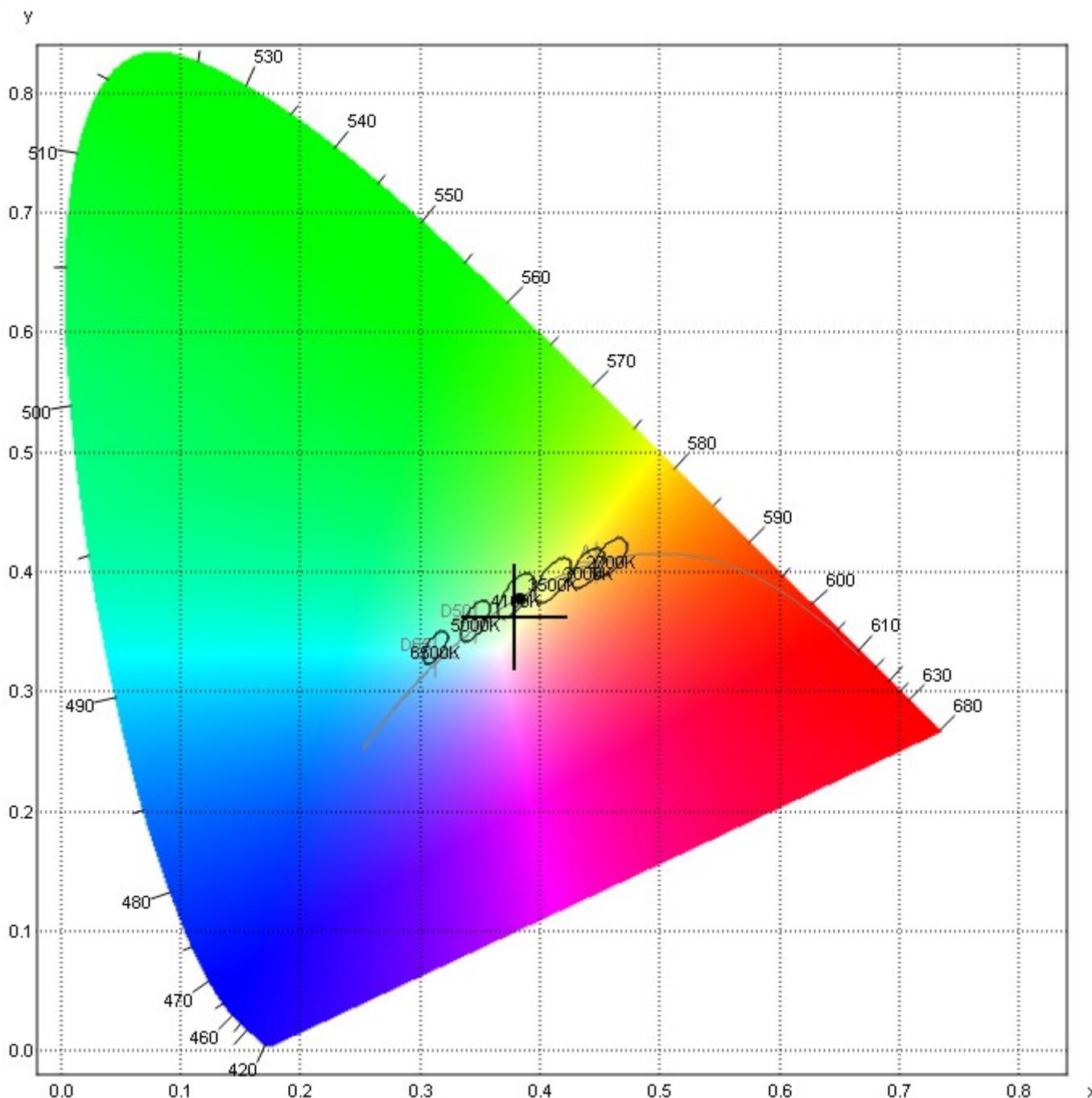
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Beam cone

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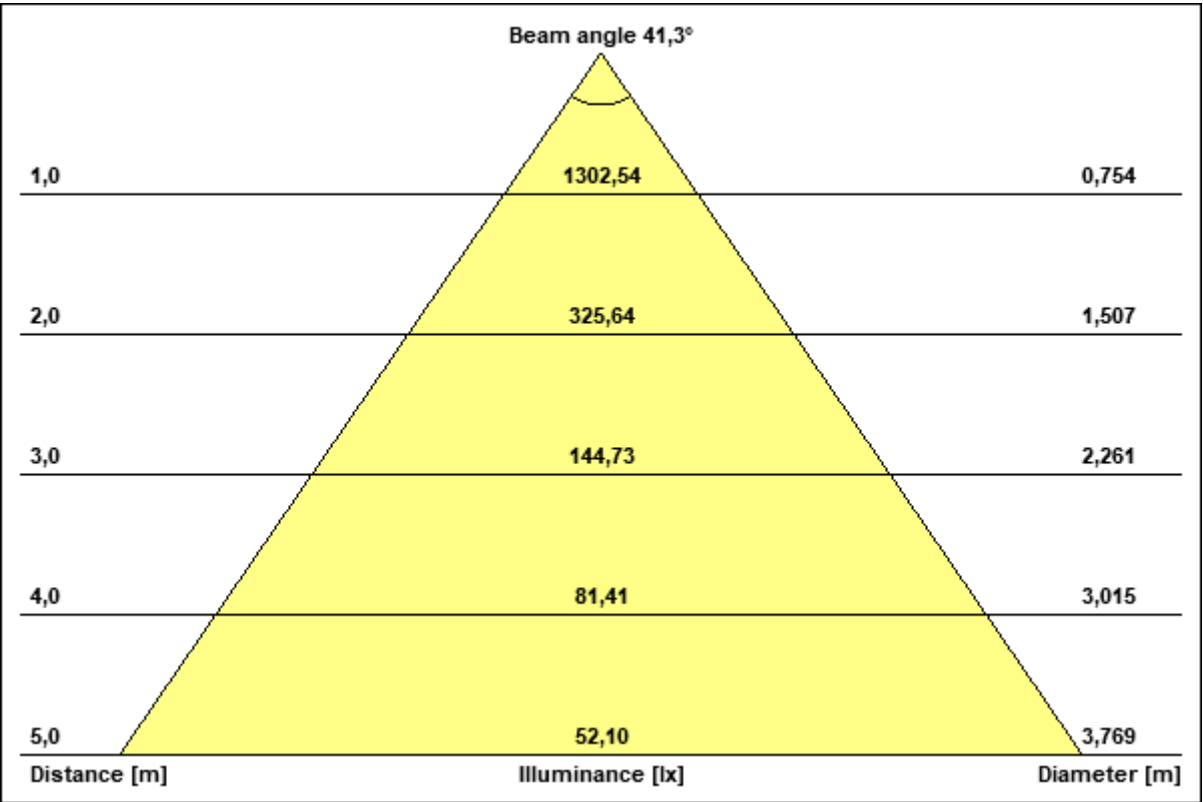
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Stabilization

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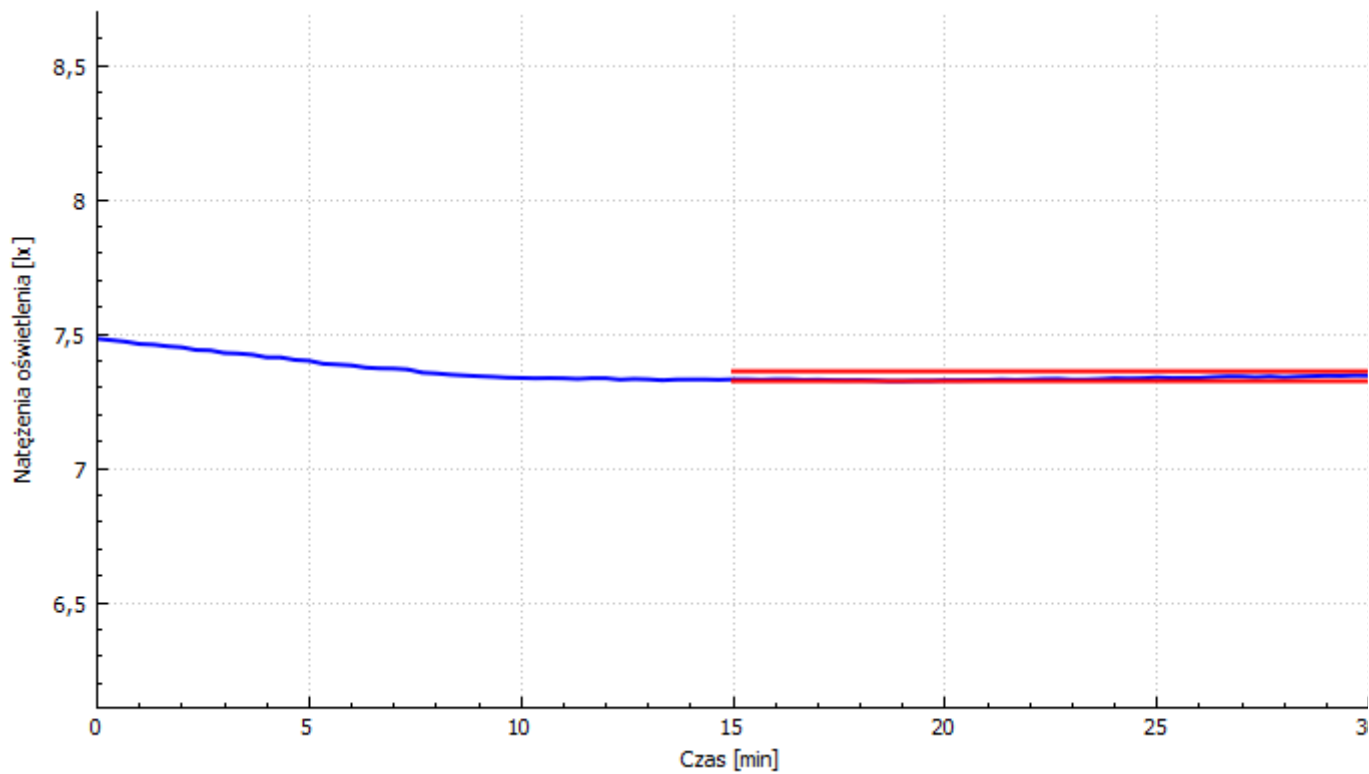
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3D Chart

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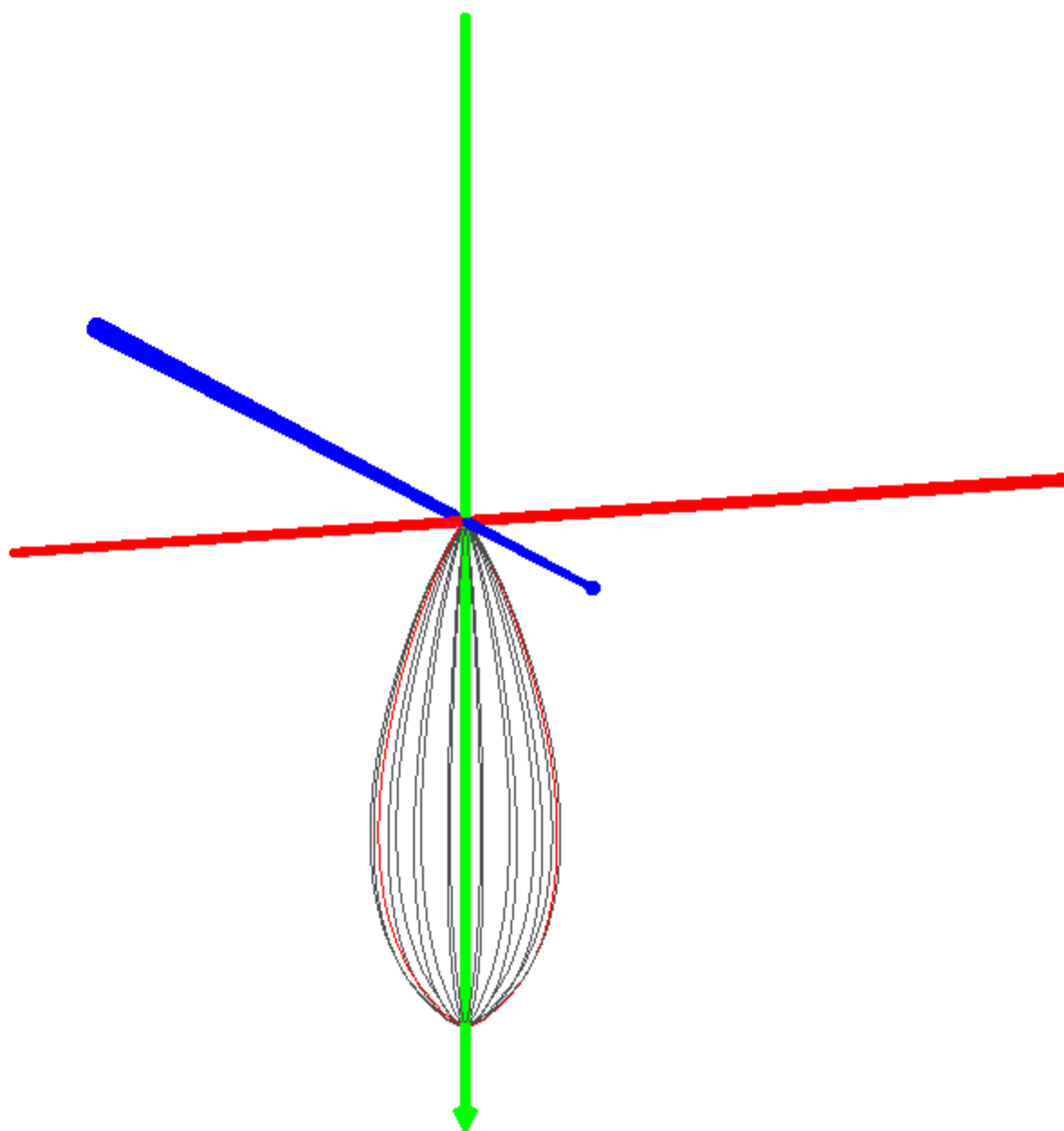
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

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			P(%f)
0	0	2,323	-2,33e-05
1	100,000	100,000	100,000
2	0,00742	0,731	-4,01e-05
3	0,00617	26,787	0,00122
4	0,00407	2,431	3,54e-05
5	0,00804	8,623	0,00121
6	0,00346	0,662	6,31e-07
7	0,00348	13,693	6,83e-05
8	0,00425	2,361	1,94e-05
9	0,00215	2,598	0,000114
10	0,00338	1,035	-2,25e-06
11	0,00728	7,599	0,000653
12	0,00399	2,090	1,84e-05
13	0,00207	5,376	0,00023
14	0,00247	1,359	-2,55e-06
15	0,00586	2,228	0
16	0,00285	1,777	1,82e-05
17	0,00528	5,009	0,000348
18	0,00236	1,572	-3,24e-06
19	0,00519	3,175	9,09e-05
20	0,00196	1,540	1,44e-05
21	0,0081	1,810	0,000147

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23	0,00106	4,143	2,64e-06
24	0,00194	1,123	4,9e-06
25	0,00614	1,568	6,3e-06
26	0,00096	1,910	-3,75e-06
27	0,00627	2,547	5,53e-05
28	0,0029	1,101	1,26e-05
29	0,00301	2,911	5,7e-05
30	0,00281	1,889	-2,19e-06
31	0,00718	1,025	-1,4e-05
32	0,00377	1,106	4,83e-06
33	0,00351	2,484	-1,67e-05
34	0,00427	1,823	-6,11e-06
35	0,00548	1,463	1,72e-05
36	0,00369	1,182	6,07e-06
37	0,005	1,186	-1,01e-05
38	0,00468	1,725	-5,06e-07
39	0,00515	1,653	2,9e-05
40	0,00394	1,368	4,4e-06
41	0,00489	0,652	3,89e-05
42	0,00473	1,594	5,34e-07
43	0,00318	0,996	4,19e-05
44	0,00461	1,534	4,83e-06
45	0,00634	0,868	4,04e-05
46	0,00396	1,451	-1,24e-06
47	0,00471	0,753	2,01e-05
48	0,00398	1,580	0
49	0,00473	1,004	8,12e-05
50	0,00422	1,486	7,46e-07

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