

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_6000*

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

LuminaireNumber: *AZ6292*

FileName: *AZ6292_6000.ldt*

Date: *2024-09-26*

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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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 200.000PLN

Type of lamps: *LED*
Total luminous flux: *1292,52 lm*
Color temperatur: *6294 K*
Color rendering index: *92,78*
Wattage including ballast: *21,78 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>= 229,650 V</i>
<i>I</i>	<i>= 0,157 A</i>
<i>P</i>	<i>= 21,784 W</i>
<i>Power factor</i>	<i>= 0,603</i>

<i>Power apparent</i>	<i>= 36,112 VA</i>
<i>Power Reactive</i>	<i>= -28,804 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 24,619 %</i>

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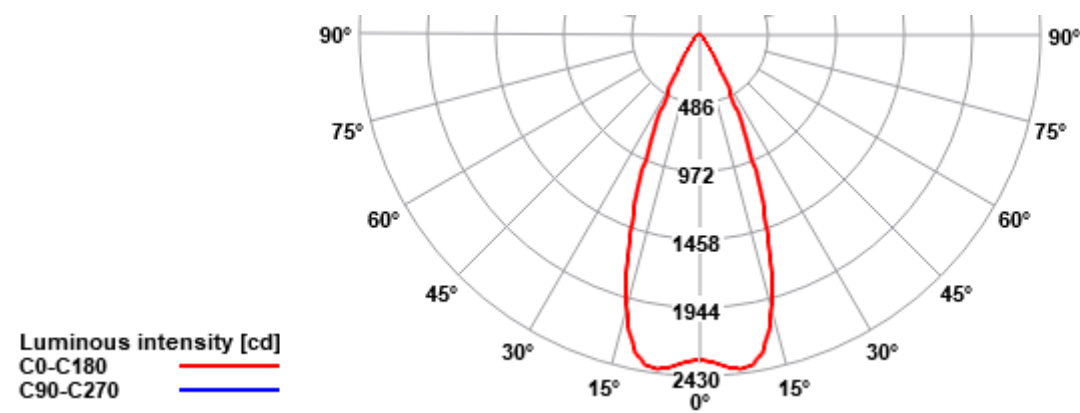
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1292,52 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	2405,67 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	59,34 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3171
y	0,3251
Angular Colour Uniformity	0,0076

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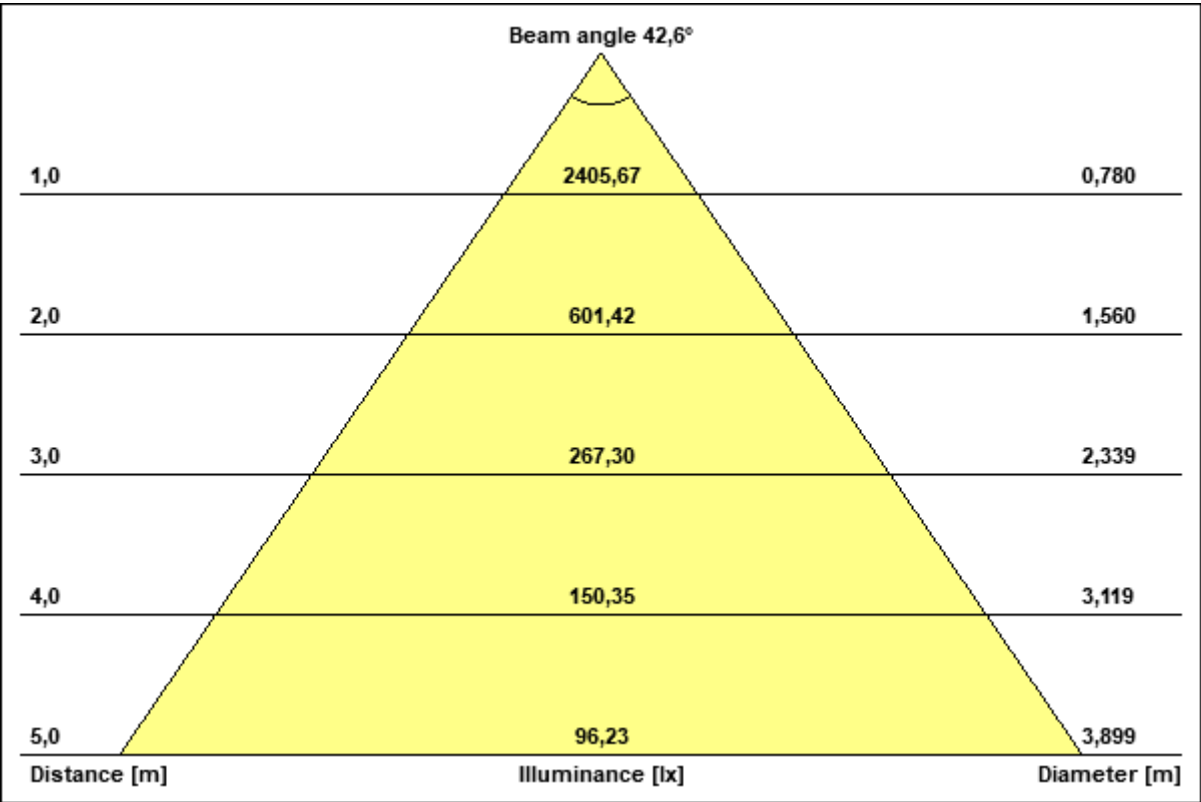
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Stabilization

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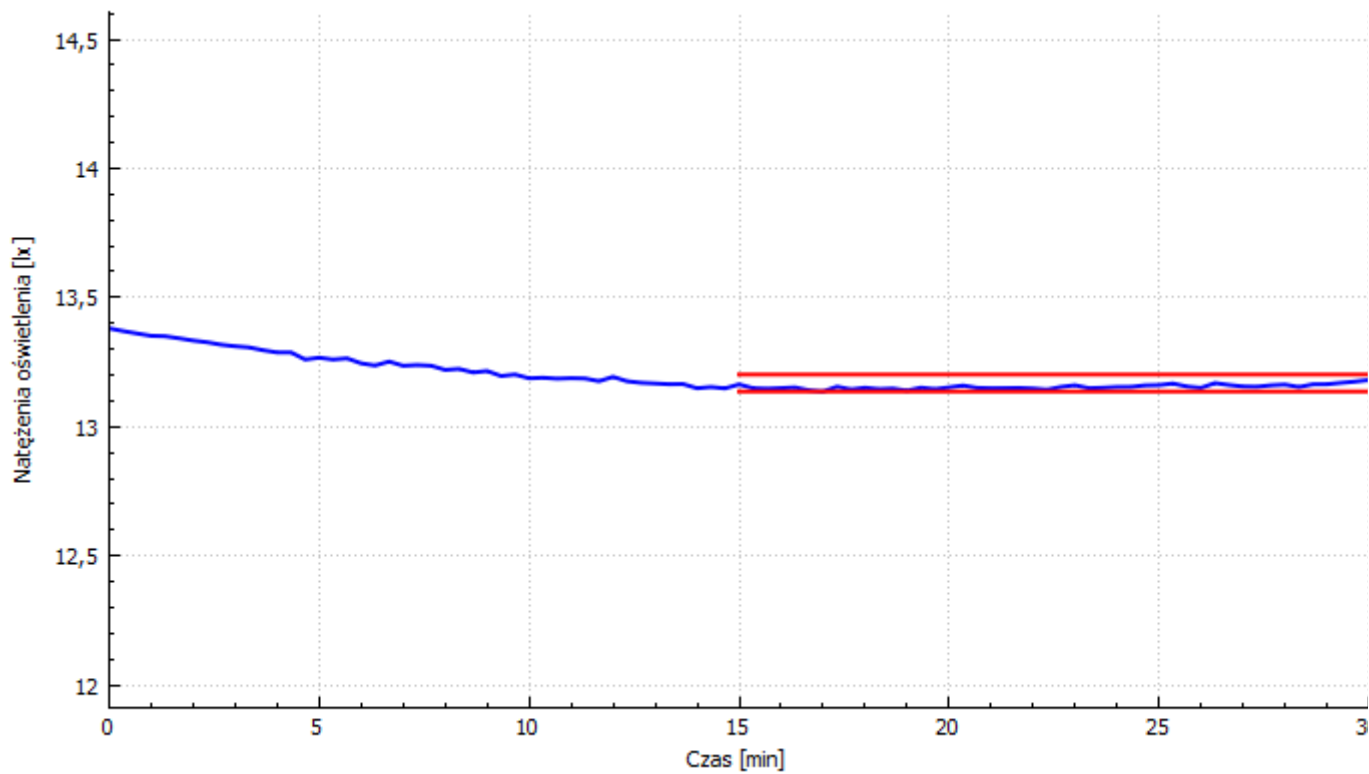
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3D Chart

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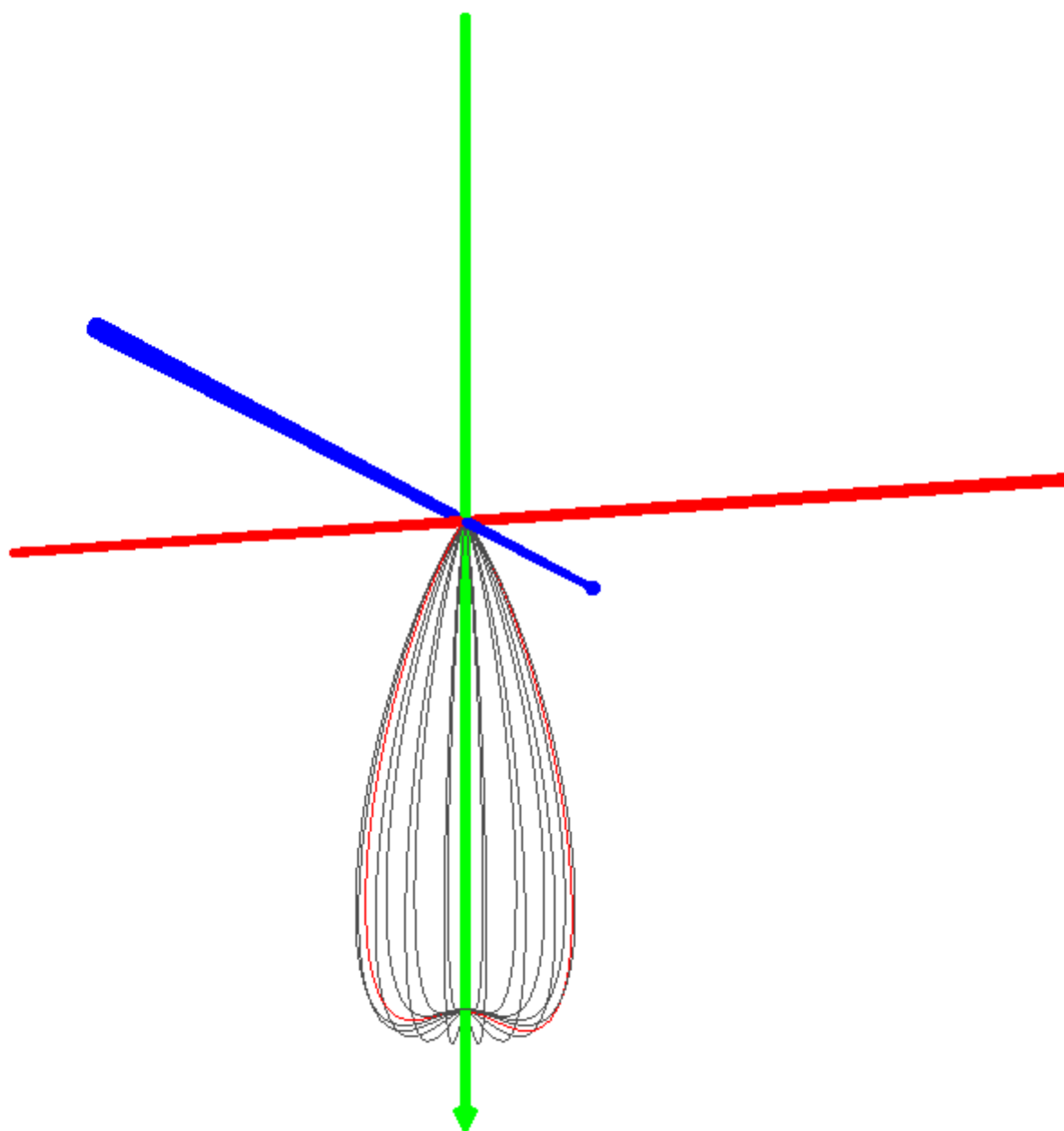
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0,00475	0,0624	0
1	100,000	100,000	100,000
2	0,00625	0,0496	0
3	0,00347	11,566	-0,000344
4	0,002	0,0603	5,05e-07
5	0,0111	15,312	0,00214
6	0,00135	0,0497	1,28e-07
7	0,00477	6,380	0,000421
8	0,00108	0,0441	-1,68e-07
9	0,00384	6,017	3,73e-05
10	0	0,0341	0
11	0,0099	5,284	0,000193
12	0,00106	0,0535	0
13	0,0046	3,509	6,18e-05
14	0,00122	0,0411	0
15	0,00687	5,080	6,89e-05
16	0	0,0413	0
17	0,00282	1,357	3,75e-05
18	0	0,0401	0
19	0,00737	4,925	0,00015
20	0,000964	0,0461	0
21	0,00375	1,464	-1,94e-05

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22	0	0,0379	0
23	0,0114	3,939	0,000215
24	0,00105	0,0505	0
25	0,00509	2,251	1,97e-05
26	0	0,0474	0
27	0,00601	2,559	-2,67e-05
28	0	0,0482	0
29	0,00712	2,530	5,83e-05
30	0	0,0523	-2,31e-07
31	0,00325	1,481	4,73e-07
32	0,00116	0,0742	-3,87e-07
33	0,00995	2,677	5,12e-05
34	0	0,0775	3,49e-07
35	0,00373	1,116	2,03e-05
36	0,0013	0,0621	-6,3e-07
37	0,00926	2,574	1,97e-05
38	0,00178	0,057	-1,03e-06
39	0,00501	1,282	2,97e-05
40	0,0013	0,08	0
41	0,00902	2,073	-1,86e-05
42	0,00184	0,0658	-2,1e-07
43	0,00738	1,674	4,71e-06
44	0,00135	0,106	2,21e-07
45	0,00621	1,510	4,06e-05
46	0	0,0593	0
47	0,00589	1,672	6,13e-07
48	0,00148	0,0874	-9,1e-07
49	0,00531	1,329	8,92e-06
50	0,0015	0,100	1,06e-06

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