

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa DALI Niko 7W CCT DIMM*
Item No: *AZ6290*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6290_6000*
LuminaireName: *Alfa DALI Niko 7W CCT DIMM*
LuminaireNumber: *AZ6290*
FileName: *AZ6290_6000.ldt*
Date: *2024-10-01*

Dimensions of luminaire

Length: *30 mm*
Width: *0 mm*
Height: *175 mm*

Dimensions of luminous area

Length: *20 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: *354,07 lm*
Color temperatur: *6396 K*
Color rendering index: *91,88*
Wattage including ballast: *8,80 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>= 229,657 V</i>
<i>I</i>	<i>= 0,109 A</i>
<i>P</i>	<i>= 8,801 W</i>
<i>Power factor</i>	<i>= 0,351</i>

<i>Power apparent</i>	<i>= 24,761 VA</i>
<i>Power Reactive</i>	<i>= -23,282 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 40,300 %</i>

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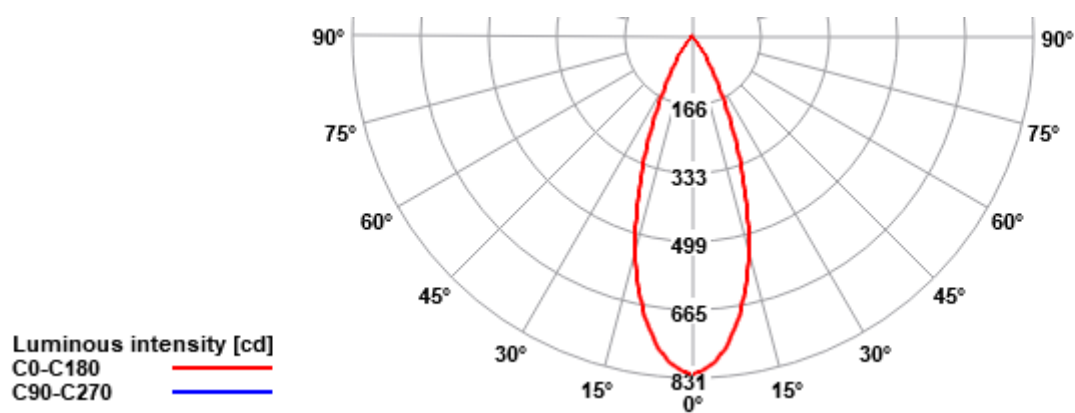
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	354,07 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	823,07 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	40,24 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3149
y	0,3283
Angular Colour Uniformity	0,0162

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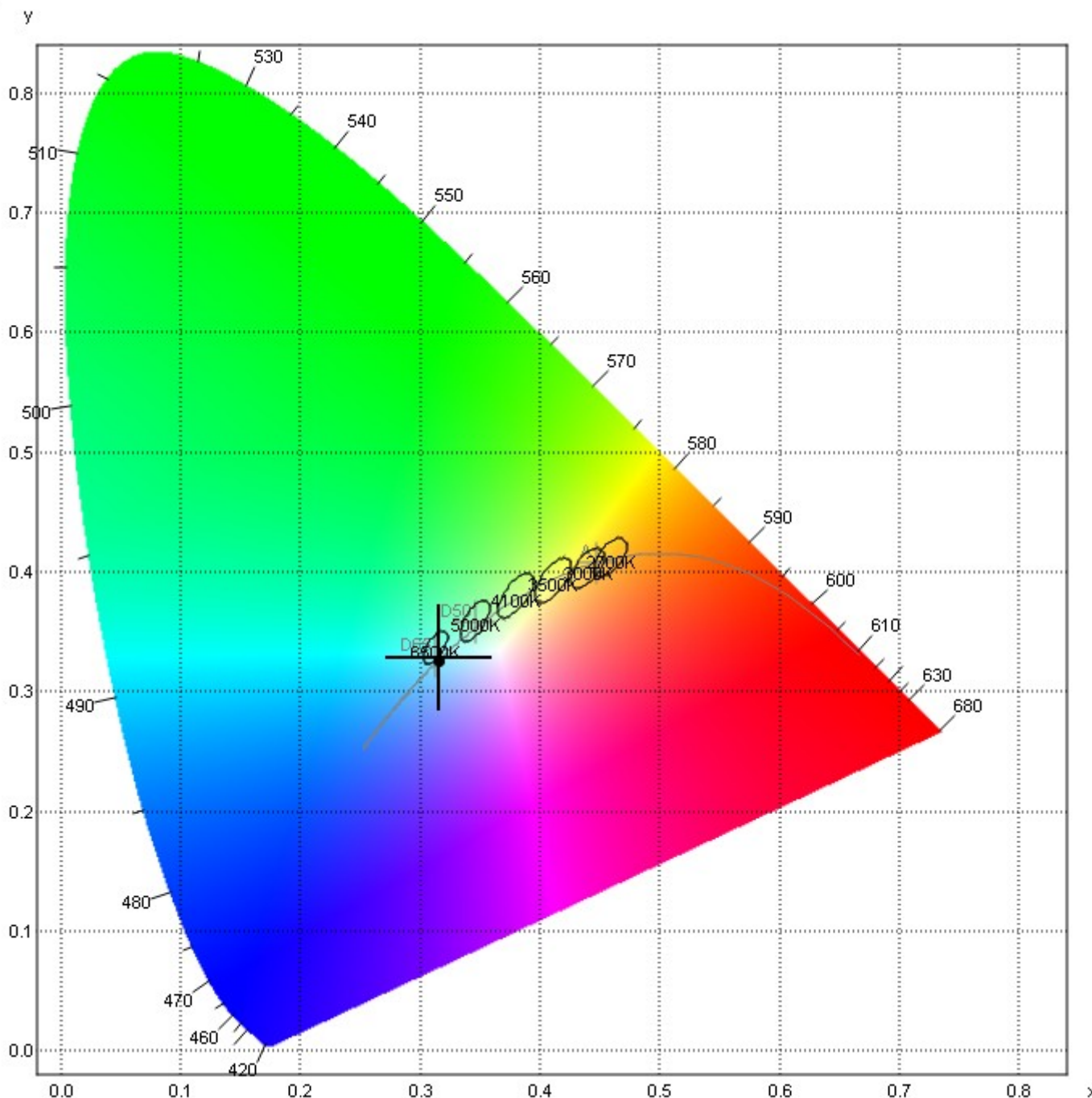
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Beam cone

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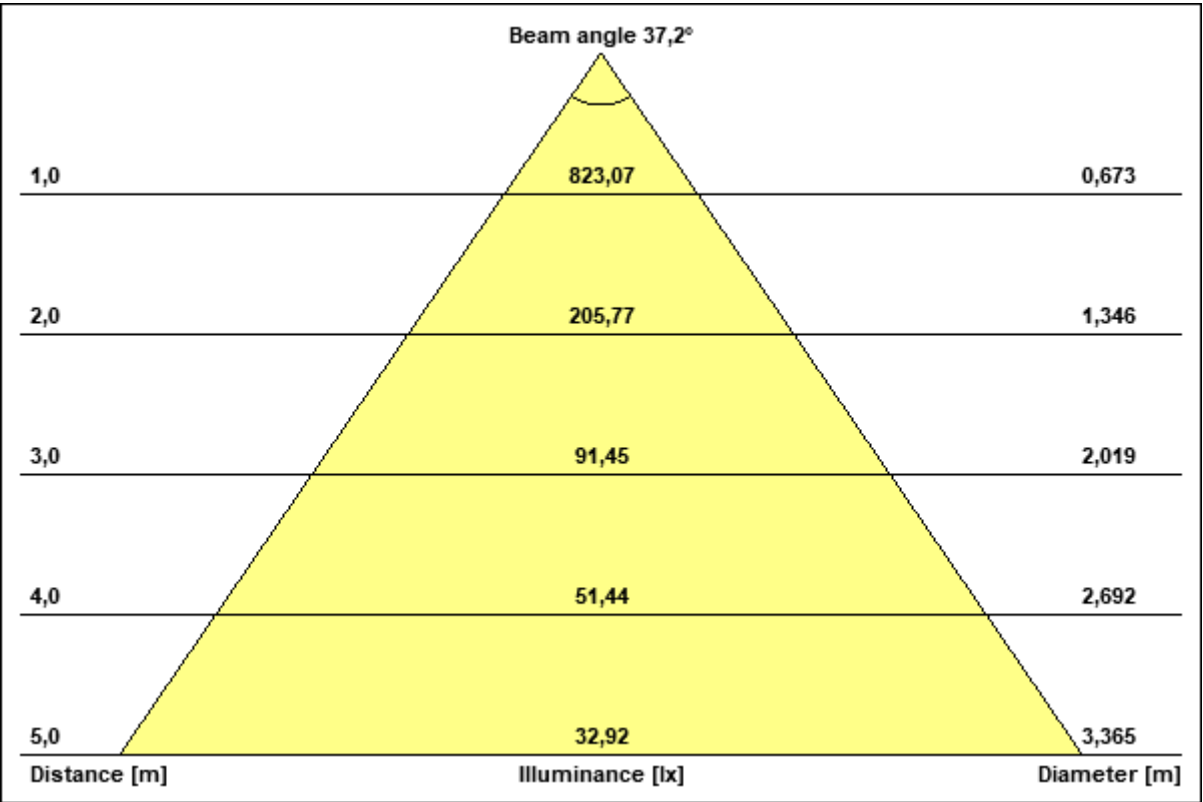
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Stabilization

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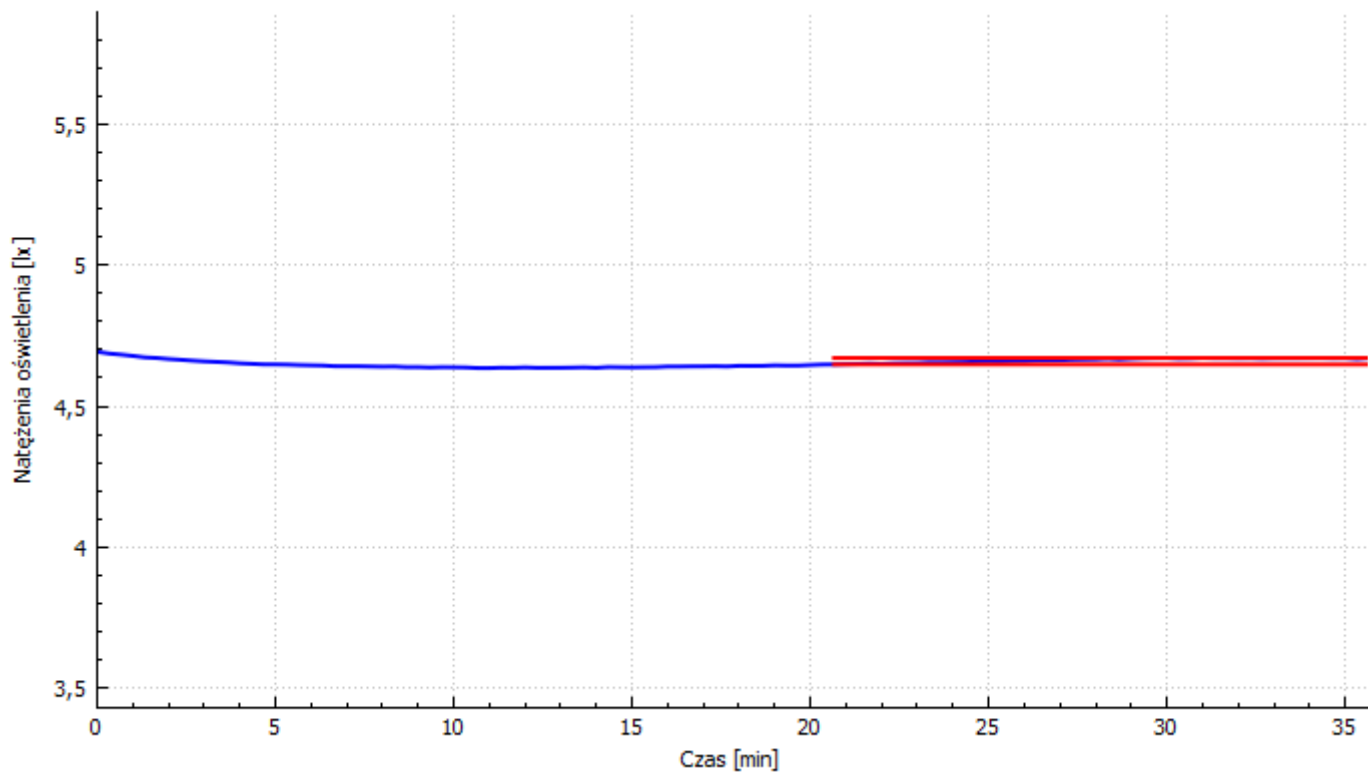
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3D Chart

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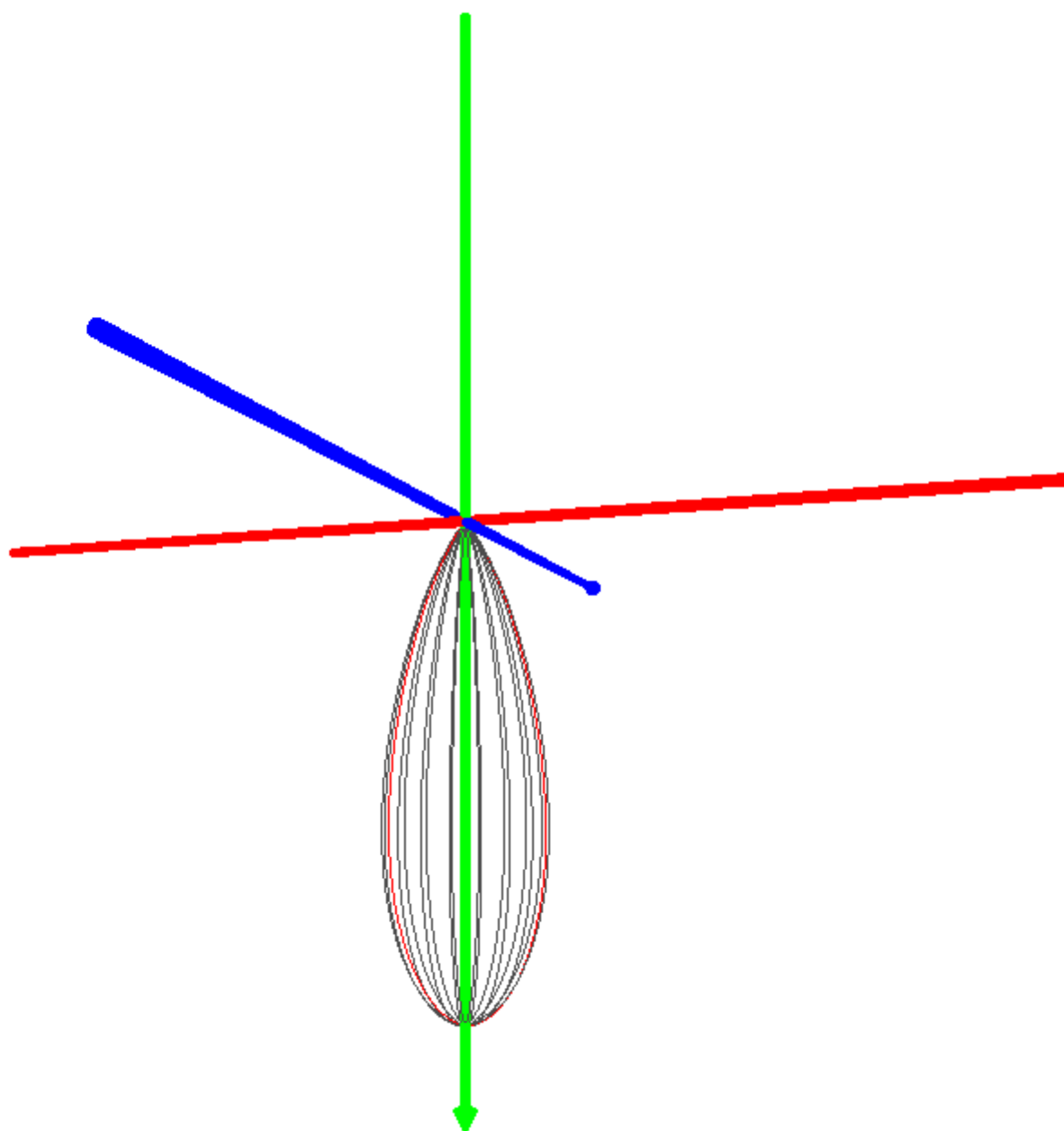
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
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			P(%f)
0	0,00932	6,964	-0,000205
1	100,000	100,000	100,000
2	0,00971	10,299	0,00024
3	0,0067	30,354	0,0012
4	0,00345	9,176	0,000101
5	0,00341	11,233	0,000492
6	0,00294	8,892	7,27e-05
7	0,00426	3,003	-5,99e-05
8	0,00234	7,115	6,46e-05
9	0,00201	2,496	0,000266
10	0,00412	6,304	0,000314
11	0,00534	4,970	0,000793
12	0,00304	4,532	1,14e-05
13	0,00305	2,288	0,000511
14	0,00436	3,894	0,000174
15	0,00394	6,001	-2,27e-05
16	0,00336	2,214	-9,31e-08
17	0,00747	5,962	0,000194
18	0,00413	1,852	0,000117
19	0,00372	1,629	9,44e-06
20	0,00243	1,355	1e-05
21	0,00648	4,116	0,000115

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22	0,00298	2,965	0,000137
23	0,00904	3,732	0,000156
24	0,00254	3,927	0,000194
25	0,00421	1,813	4,61e-06
26	0,00486	1,978	4,92e-06
27	0,00513	2,404	-1,92e-05
28	0,00319	1,342	6,38e-05
29	0,00624	1,785	5,36e-05
30	0,00304	1,941	5,48e-05
31	0,00213	2,364	3,15e-05
32	0,00575	1,572	1,1e-05
33	0,00374	2,497	-1,46e-05
34	0,00433	0,948	6,42e-05
35	0,00247	2,335	1,34e-05
36	0,00732	1,335	1,51e-05
37	0,00502	2,587	6,41e-05
38	0,00355	1,345	4,64e-05
39	0,00222	1,077	7,95e-05
40	0,00607	1,071	-1,41e-05
41	0,00305	1,023	-1,52e-05
42	0,00248	2,342	4,56e-05
43	0,00532	0,793	3,45e-05
44	0,00564	2,423	2,4e-05
45	0,00623	1,125	-1,84e-05
46	0,00498	1,927	2,25e-06
47	0,00519	1,595	2,5e-05
48	0,00199	1,032	3,27e-05
49	0,00511	1,321	-9,31e-06
50	0,00586	1,517	1,18e-05

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