

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_3000*
LuminaireName: *Alfa DALI Niko 7W CCT DIMM*
LuminaireNumber: *AZ6290*
FileName: *AZ6290_3000.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

Kapitał 200.000PLN

Type of lamps: *LED*
Total luminous flux: *313,76 lm*
Color temperatur: *4081 K*
Color rendering index: *92,59*
Wattage including ballast: *8,97 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

U	<i>= 229,672 V</i>
I	<i>= 0,111 A</i>
P	<i>= 8,969 W</i>
Power factor	<i>= 0,356</i>

Power apparent	<i>= 25,313 VA</i>
Power Reactive	<i>= -23,678 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 40,735 %</i>

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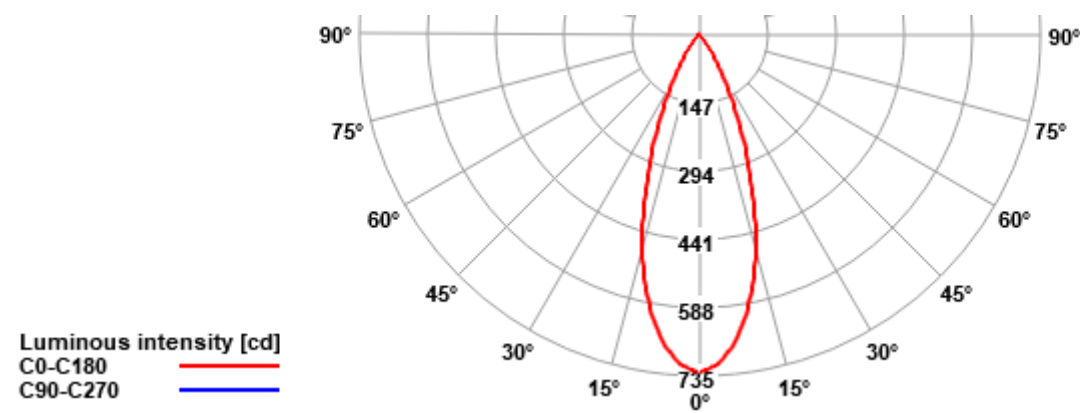
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	313,76 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	727,81 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	34,98 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3730
y	0,3590
Angular Colour Uniformity	0,0131

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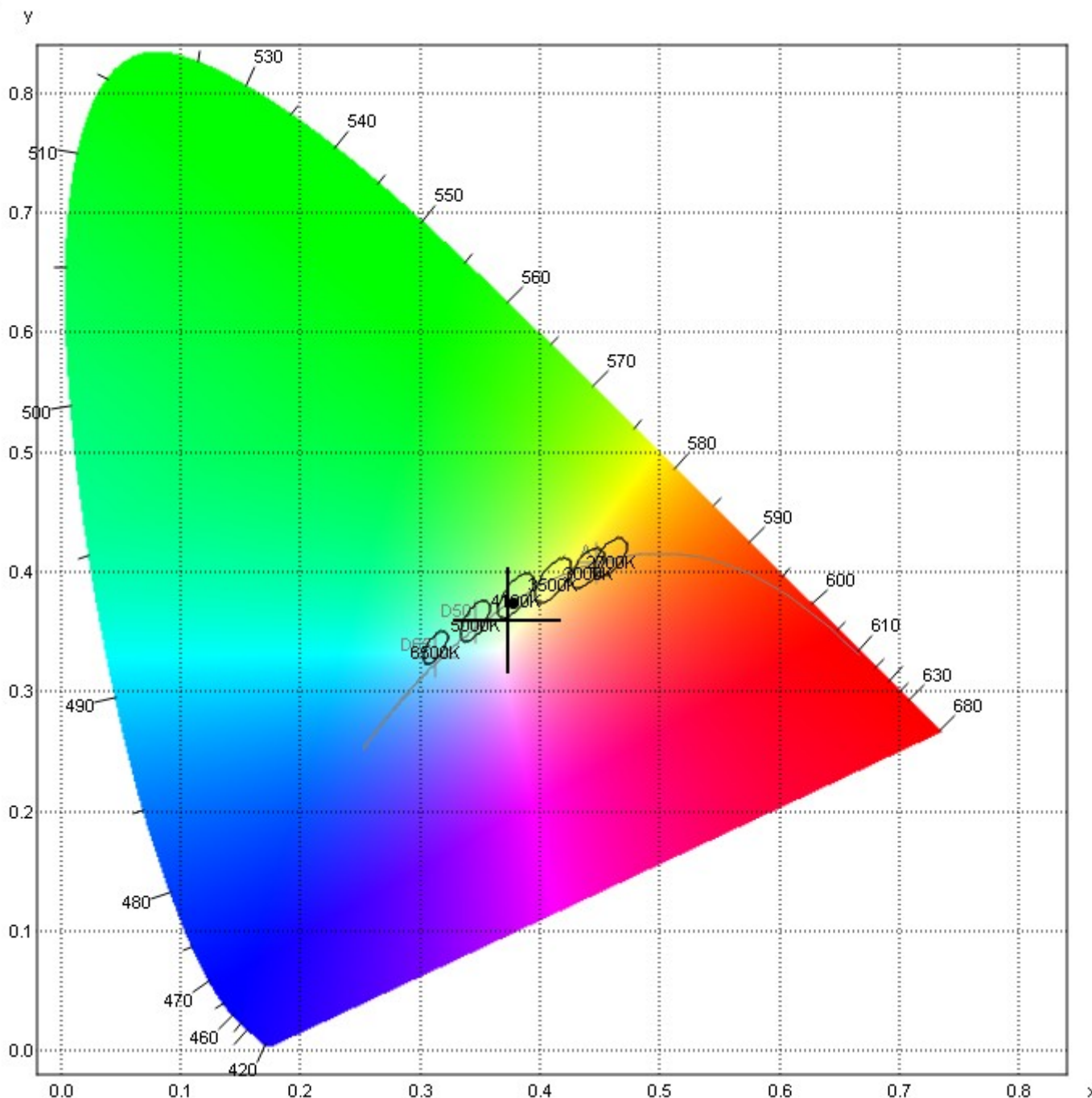
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Beam cone

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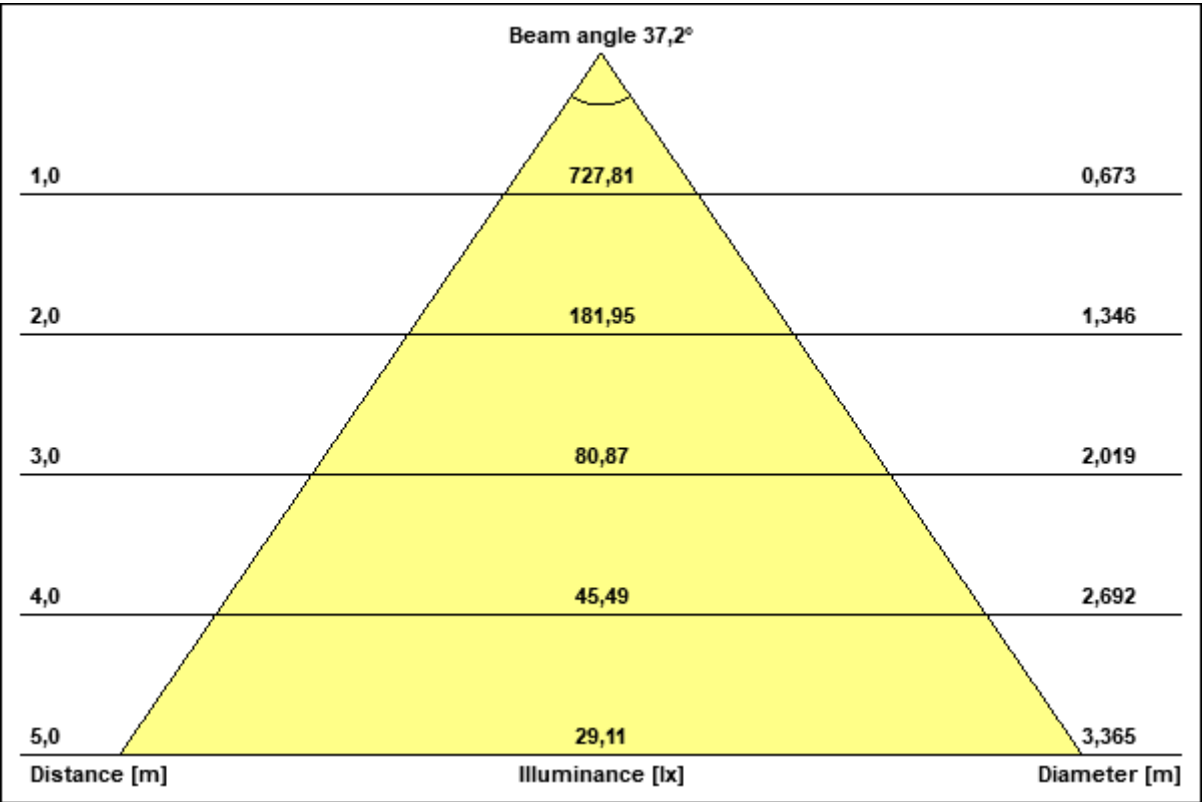
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Stabilization

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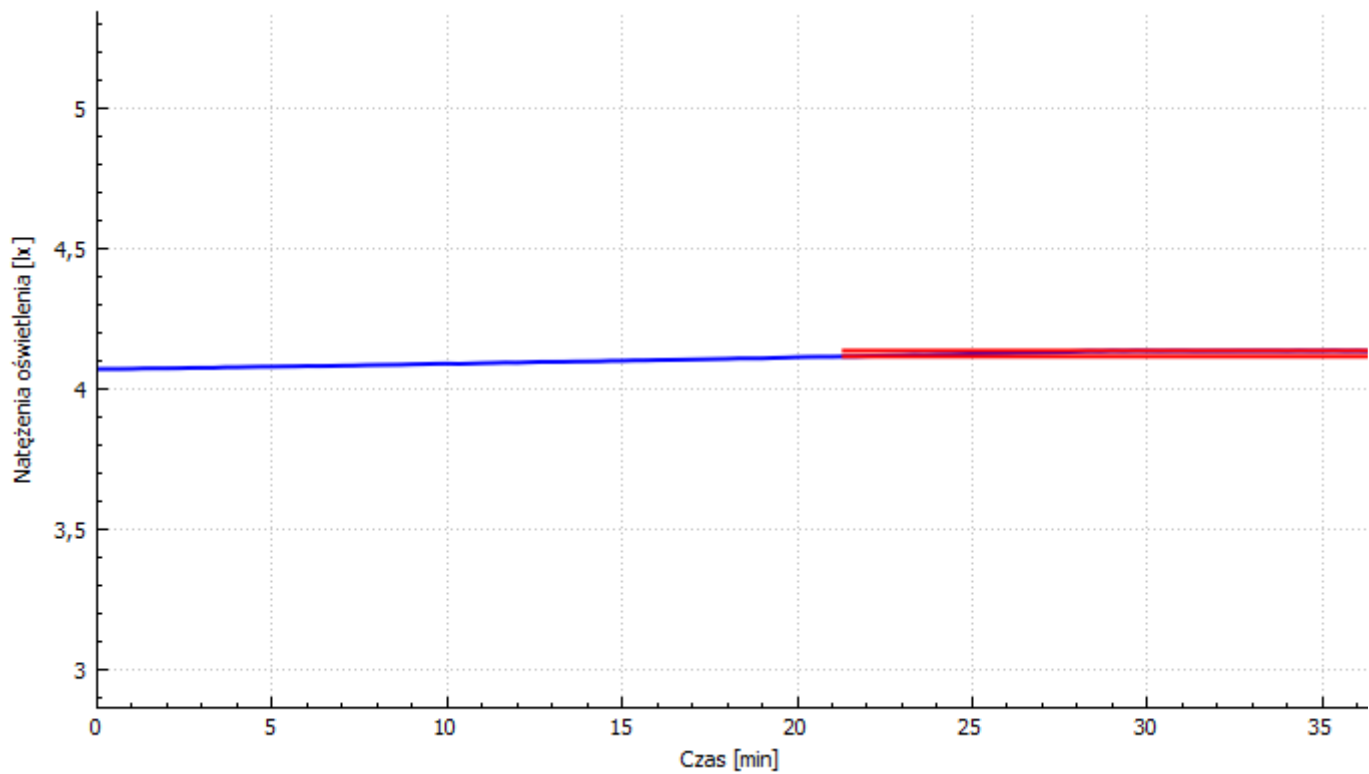
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3D Chart

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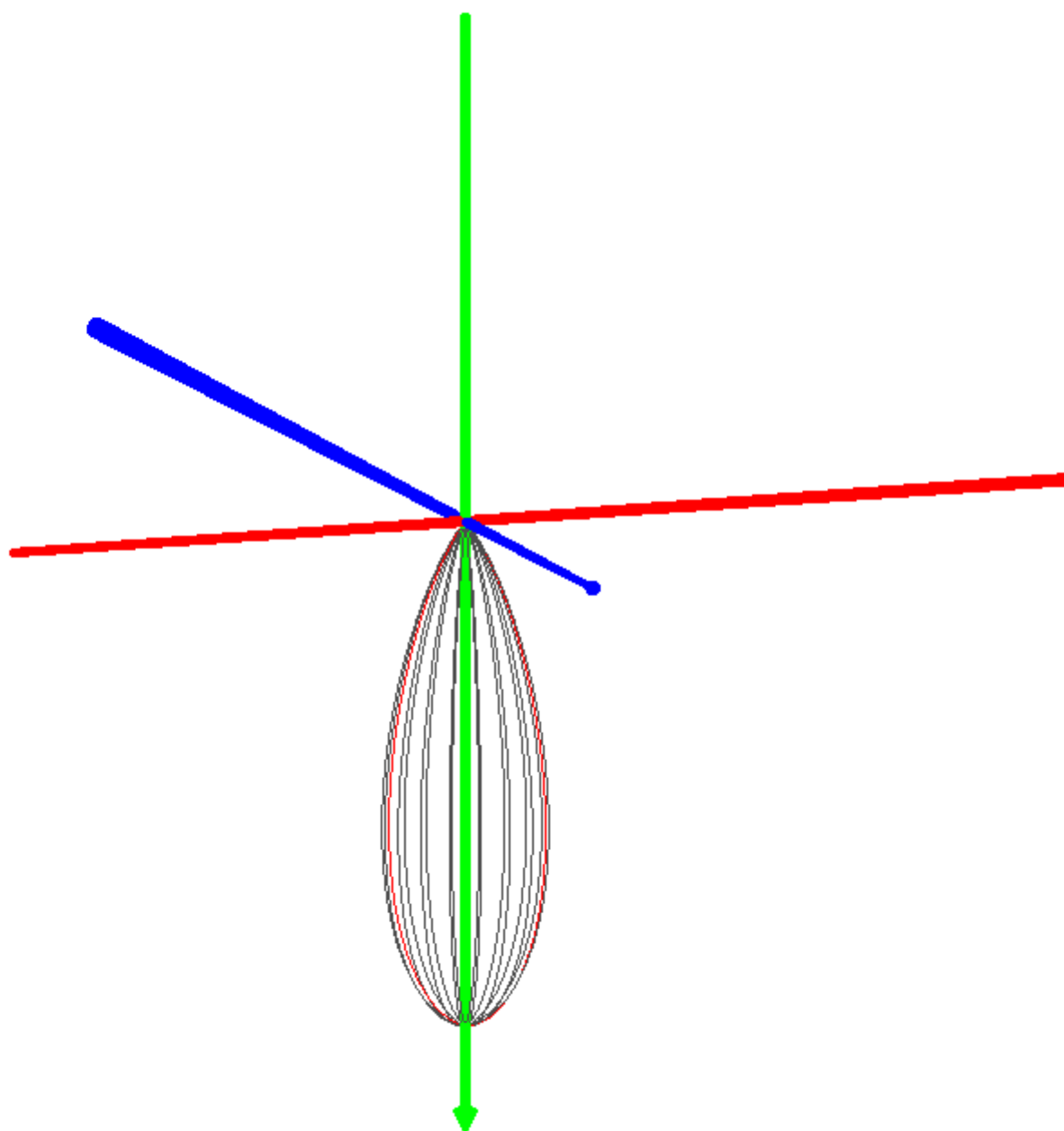
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0,00535	3,266	0,00228
1	100,000	100,000	100,000
2	0,00779	5,540	0,000328
3	0,00711	32,159	0,00258
4	0,00276	7,298	0,000161
5	0,00259	13,752	2,05e-05
6	0,00406	5,909	0,000597
7	0,00213	5,902	-0,000186
8	0,00321	4,045	0,000492
9	0,00298	4,177	7,09e-05
10	0,00464	4,997	0,000275
11	0,00677	4,100	0,000634
12	0,0032	6,419	3,05e-05
13	0,00325	4,747	1,21e-05
14	0,00408	4,907	0,000483
15	0,00261	3,758	4,86e-05
16	0,00436	2,613	0,000144
17	0,00739	3,149	6,38e-05
18	0,00342	4,462	2,45e-05
19	0,00333	2,830	2,85e-05
20	0,00555	4,478	2,86e-05
21	0,00711	2,975	0,000146

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22	0,00404	2,773	3,53e-05
23	0,00654	2,327	-3,69e-05
24	0,00495	1,968	4,06e-05
25	0,00449	2,505	6,59e-06
26	0,00459	2,877	-1,62e-06
27	0,00431	1,829	0,000292
28	0,00345	1,888	-6,14e-06
29	0,00295	2,354	1,28e-05
30	0,00395	1,570	-7,62e-07
31	0,00393	3,349	0,000235
32	0,00426	0,631	4,87e-06
33	0,00423	1,563	0,000141
34	0,00217	0,797	-2,02e-06
35	0,00457	2,139	4,57e-06
36	0,00194	0,884	5,74e-05
37	0,00694	3,432	8,47e-05
38	0,00284	0,945	3,26e-05
39	0,00211	2,173	4,37e-06
40	0,00389	0,973	-1,02e-05
41	0,00889	1,084	5,4e-06
42	0,00268	0,743	4,11e-05
43	0,00764	2,316	1,83e-05
44	0,00209	1,873	8,38e-06
45	0,0029	1,726	1,24e-05
46	0,00327	2,418	5,69e-05
47	0,00769	1,409	2,4e-08
48	0,00425	0,941	1,24e-05
49	0,00889	0,384	-9,84e-06
50	0,00425	2,131	7,69e-05

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