

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa DALI Corner90 B 24W CCT DIMM*
Item No: *AZ6290*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6289_3000*
LuminaireName: *Alfa DALI Saga Corner B 24W CCT DIMM*
LuminaireNumber: *AZ62889*
FileName: *AZ6289_3000.ldt*
Date: *2024-10-01*

Dimensions of luminaire

Length: *220 mm*
Width: *22 mm*
Height: *255 mm*

Dimensions of luminous area

Length: *218 mm*
Width: *20 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: *766,82 lm*
Color temperatur: *3921 K*
Color rendering index: *94,88*
Wattage including ballast: *26,72 W*

Utilization factors:

k = 0.60	<i>0,234</i>
k = 0.80	<i>0,307</i>
k = 1.00	<i>0,372</i>
k = 1.25	<i>0,438</i>
k = 1.50	<i>0,492</i>
k = 2.00	<i>0,576</i>
k = 2.50	<i>0,628</i>
k = 3.00	<i>0,669</i>
k = 4.00	<i>0,728</i>
k = 5.00	<i>0,767</i>

Electrical parameters

<i>U</i>	<i>= 229,624 V</i>
<i>I</i>	<i>= 0,176 A</i>
<i>P</i>	<i>= 26,721 W</i>
<i>Power factor</i>	<i>= 0,662</i>

<i>Power apparent</i>	<i>= 40,334 VA</i>
<i>Power Reactive</i>	<i>= -30,210 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 21,456 %</i>

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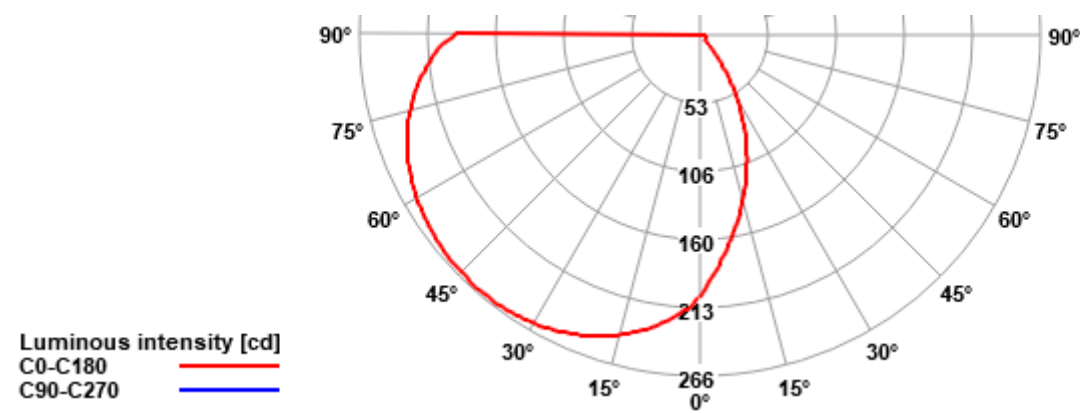
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	766,82 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	263,25 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	28,70 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3793
y	0,3624
Angular Colour Uniformity	0,0034

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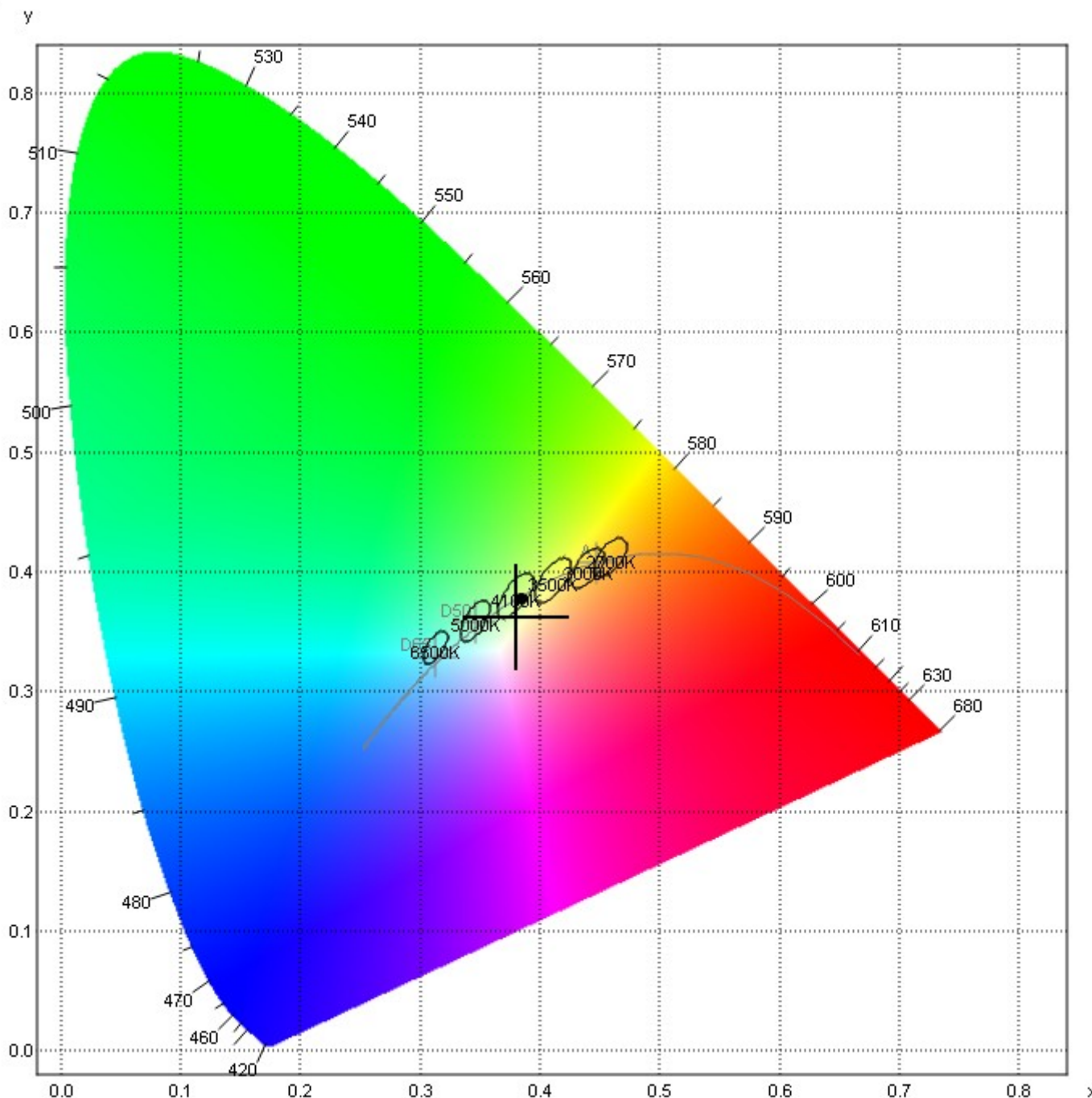
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Beam cone

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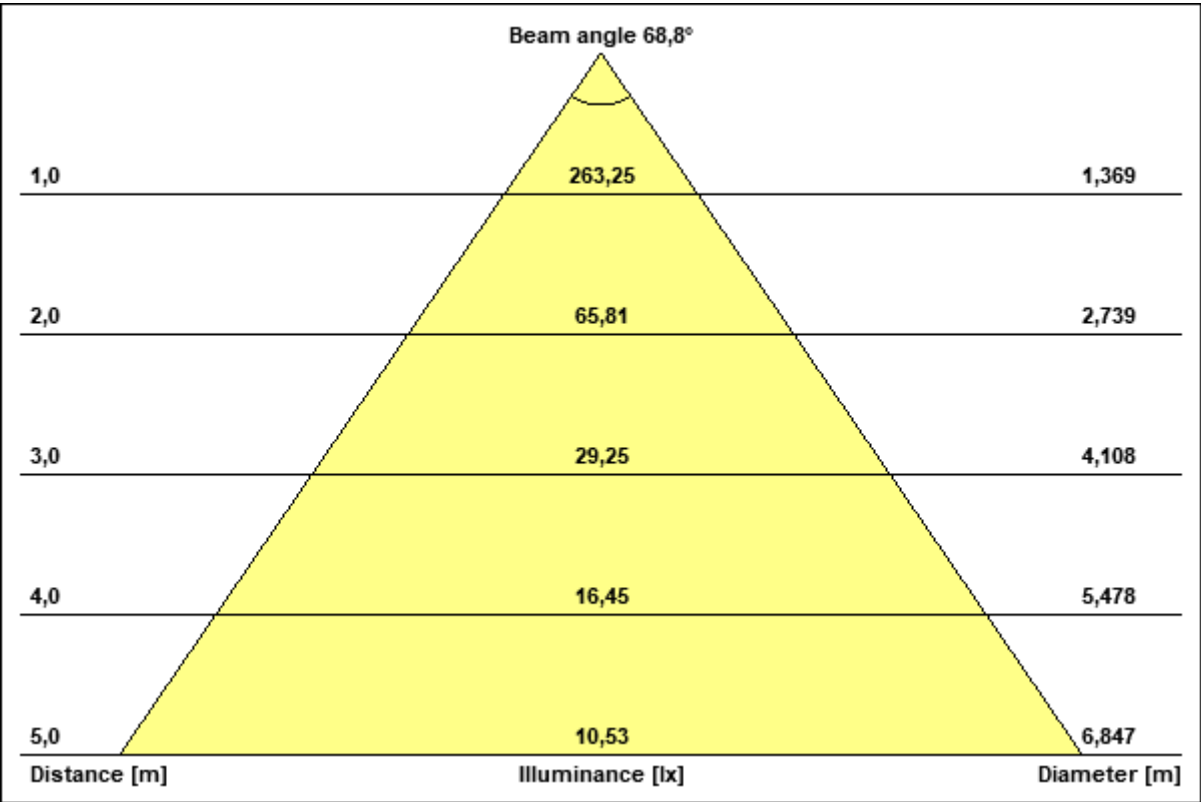
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Stabilization

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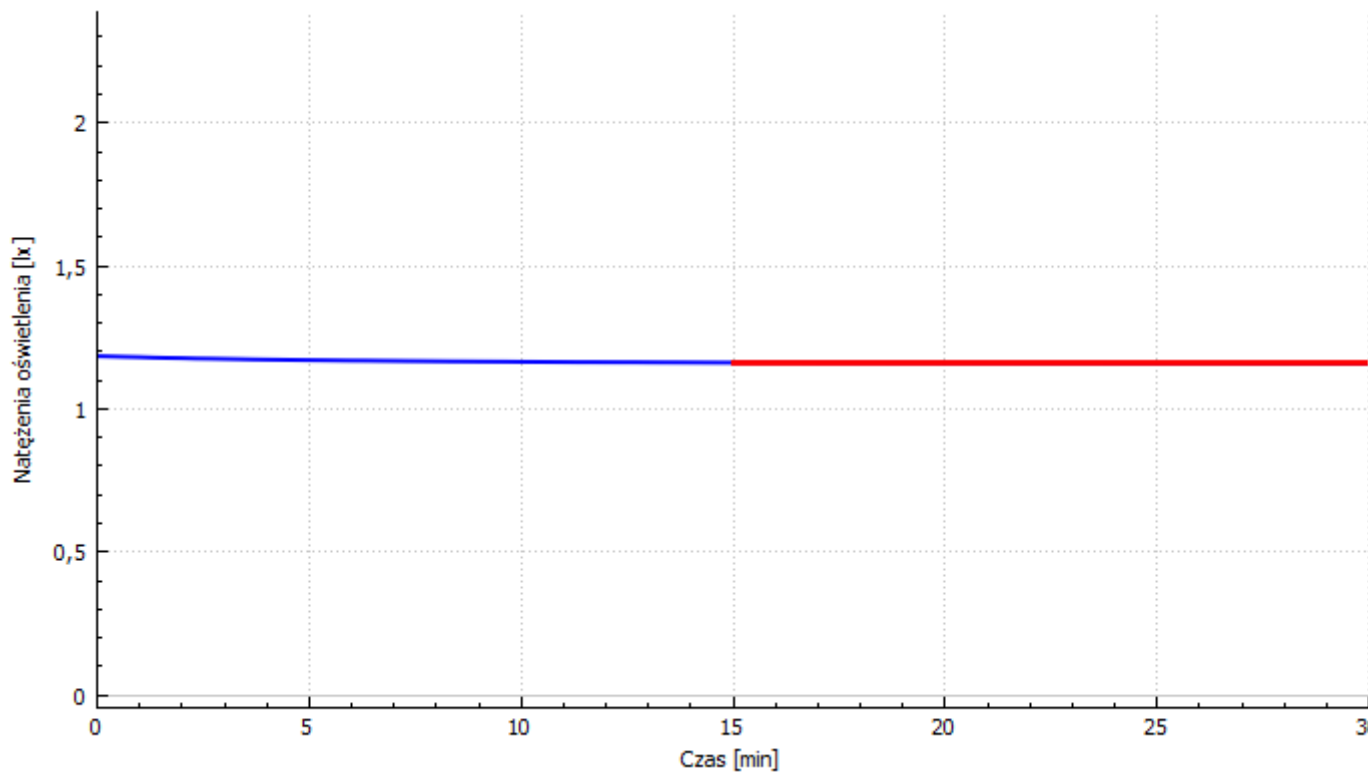
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3D Chart

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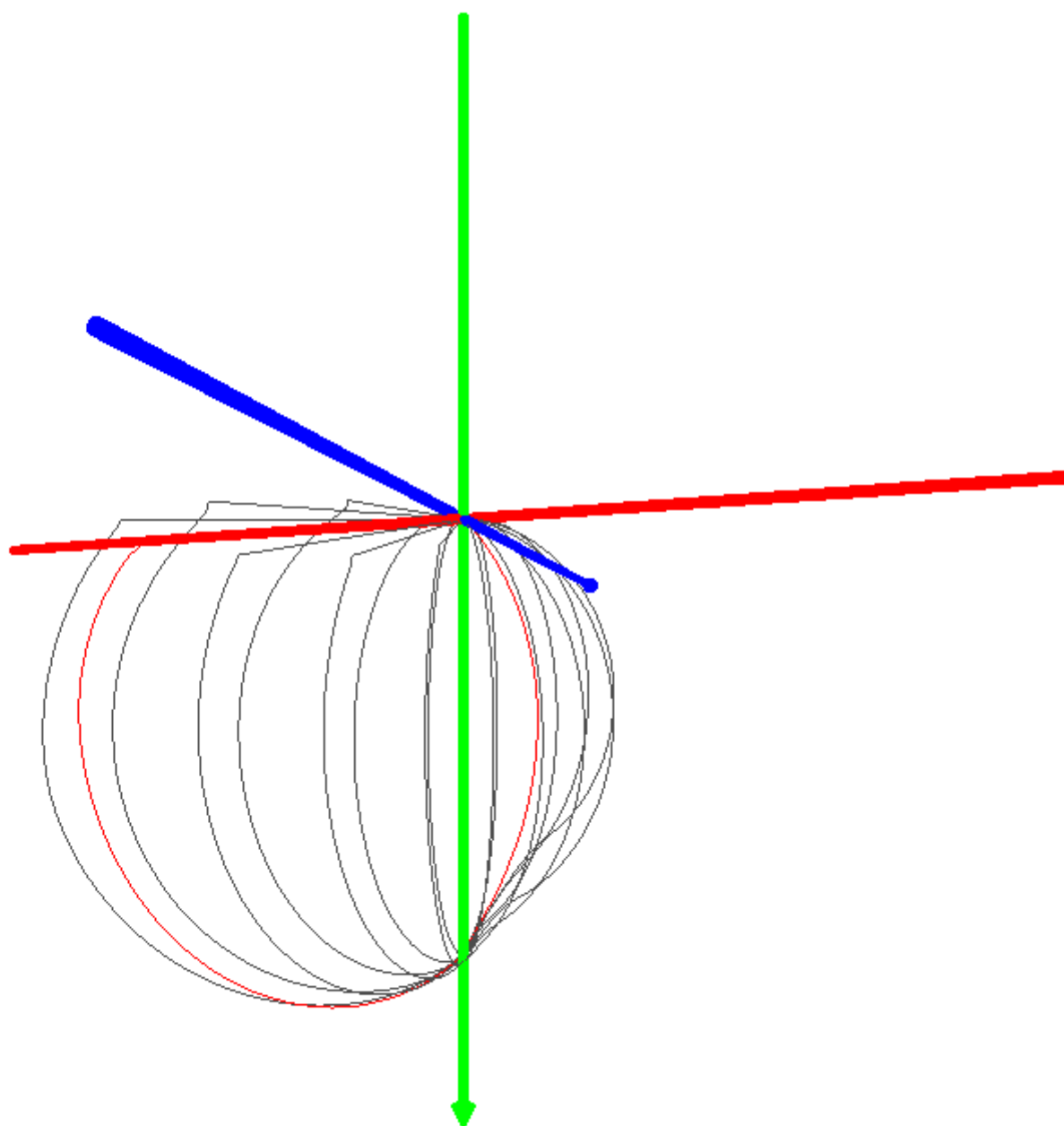
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

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			P(%f)
0	0,00181	0	2,84e-06
1	100,000	100,000	100,000
2	0,00841	0,0552	-2,86e-07
3	0,00101	7,733	-0,000431
4	0,00309	0	-9,16e-07
5	0,0123	14,512	0,00179
6	0,00151	0	9,69e-07
7	0,00569	5,835	0,000448
8	0,00167	0,0275	0
9	0,00596	6,572	0,000273
10	0,000981	0,0267	0
11	0,00671	3,967	-0,000102
12	0,000838	0,0335	0
13	0,00587	3,773	2,08e-05
14	0,000863	0,0357	7,8e-08
15	0,00501	4,108	8,36e-05
16	0,000997	0,0424	2,62e-07
17	0,00295	2,386	4,9e-05
18	0	0,043	0
19	0,00831	3,952	0,000155
20	0	0,0295	0
21	0,00309	1,100	4,12e-05

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23	0,0101	3,388	1,66e-06
24	0	0	0
25	0,00331	0,795	1,23e-05
26	0,000851	0,0309	1,26e-07
27	0,00691	2,715	9,09e-05
28	0	0,0536	-3,33e-08
29	0,00319	0,706	-8,53e-06
30	0	0,0423	0
31	0,00761	2,165	2,31e-05
32	0	0,0327	0
33	0,00195	1,022	1,35e-05
34	0	0,0392	0
35	0,00637	1,879	1,47e-05
36	0,000873	0,0593	0
37	0,00694	1,459	4,26e-06
38	0	0,0457	0
39	0,0073	1,571	2,27e-05
40	0	0,0263	0
41	0,00524	1,548	-1,91e-05
42	0,00112	0,0362	8,81e-08
43	0,00592	1,272	-5,73e-06
44	0,00158	0,0547	3,99e-07
45	0,00913	1,769	5,62e-05
46	0	0,0571	0
47	0,00711	1,106	1,68e-05
48	0,000868	0,0816	2,73e-08
49	0,00962	1,661	2,11e-05
50	0,00228	0,0632	3,38e-07

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