

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_6000*
LuminaireName: *Alfa DALI Saga Corner B 24W CCT DIMM*
LuminaireNumber: *AZ62889*
FileName: *AZ6289_6000.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: *760,44 lm*
Color temperatur: *6818 K*
Color rendering index: *94,28*
Wattage including ballast: *26,25 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>0,439</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>= 229,627 V</i>
<i>I</i>	<i>= 0,174 A</i>
<i>P</i>	<i>= 26,249 W</i>
<i>Power factor</i>	<i>= 0,657</i>

<i>Power apparent</i>	<i>= 39,909 VA</i>
<i>Power Reactive</i>	<i>= -30,065 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 21,712 %</i>

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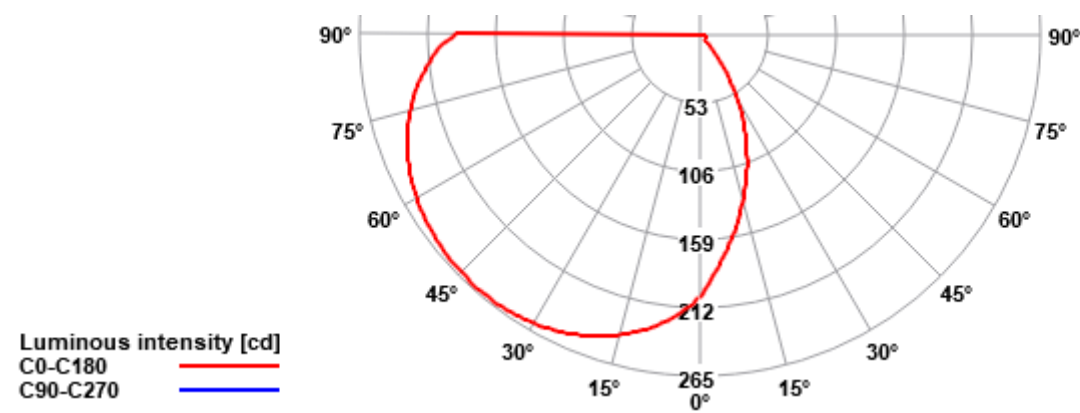
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	760,44 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	262,40 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	28,97 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3095
y	0,3158
Angular Colour Uniformity	0,0037

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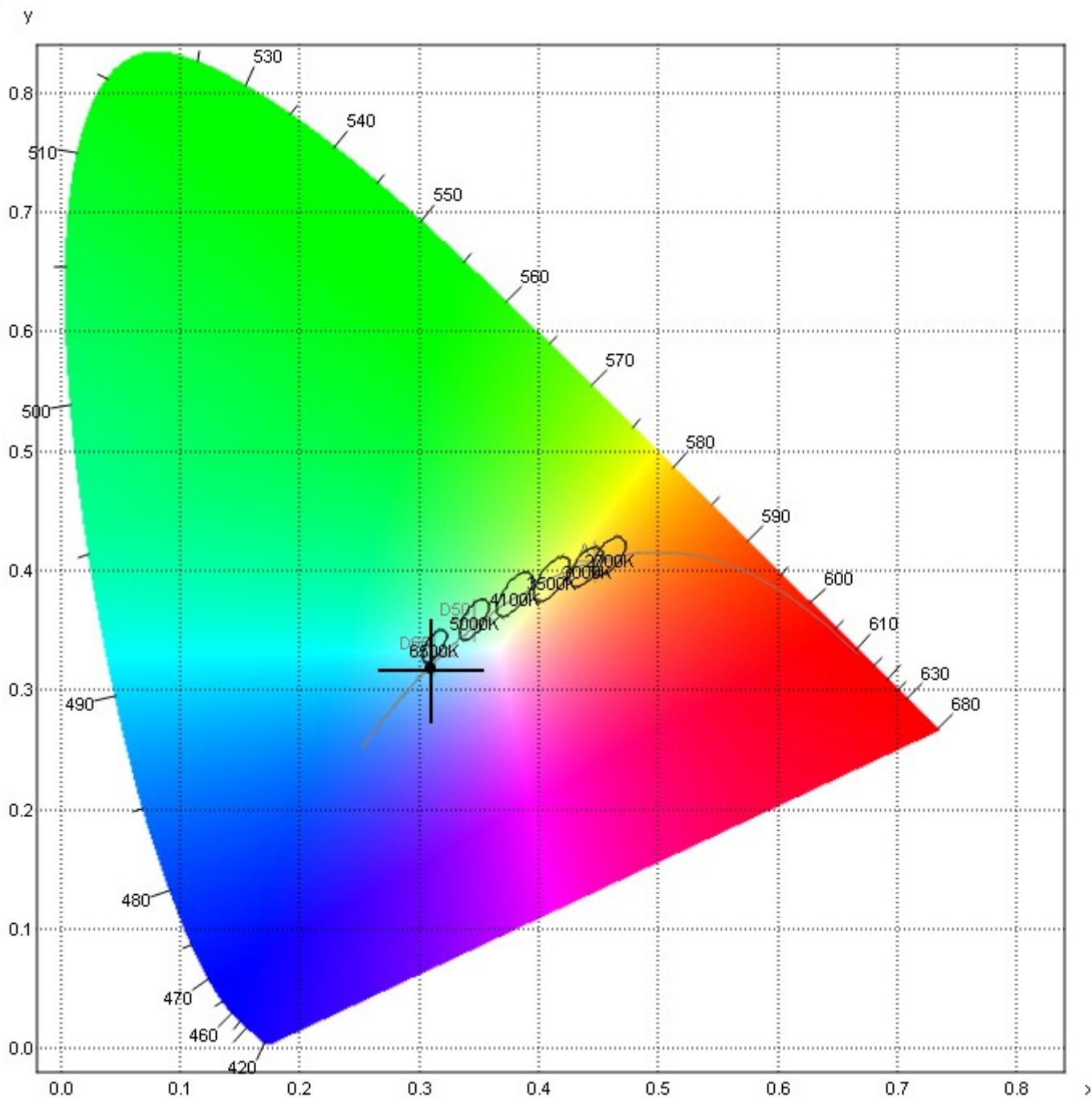
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Beam cone

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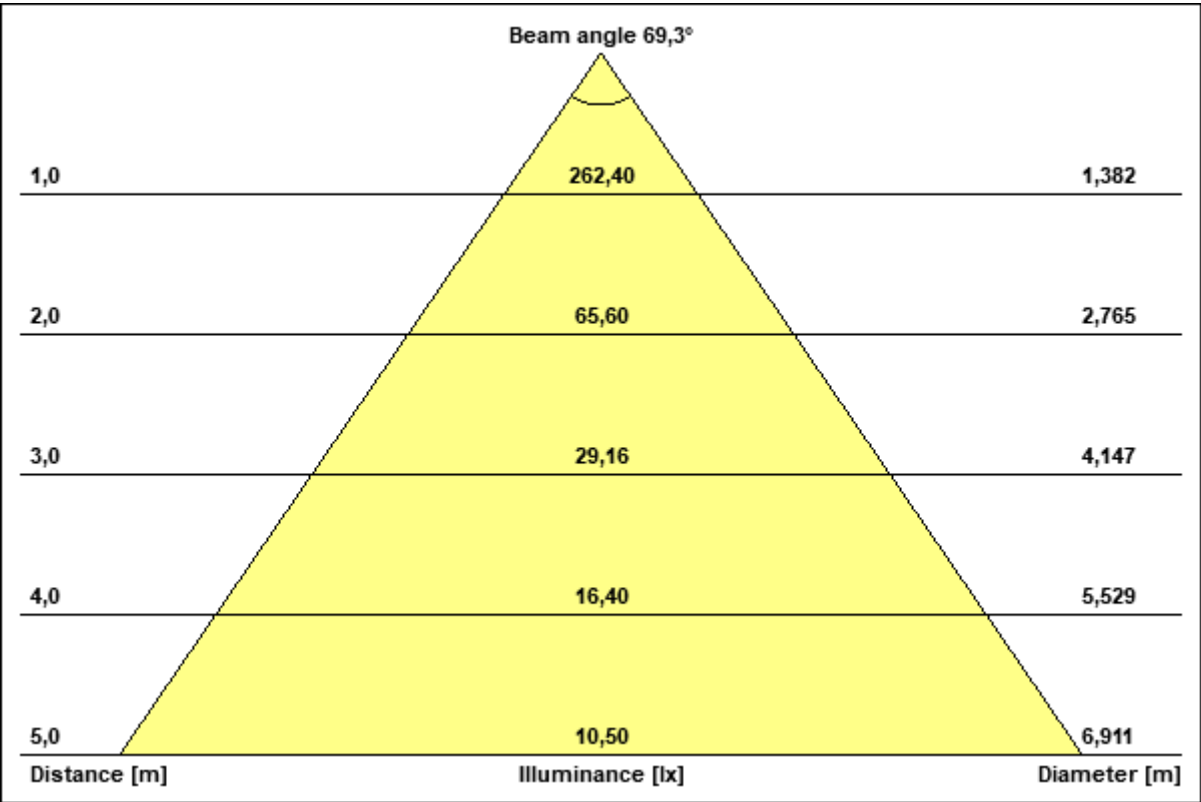
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Stabilization

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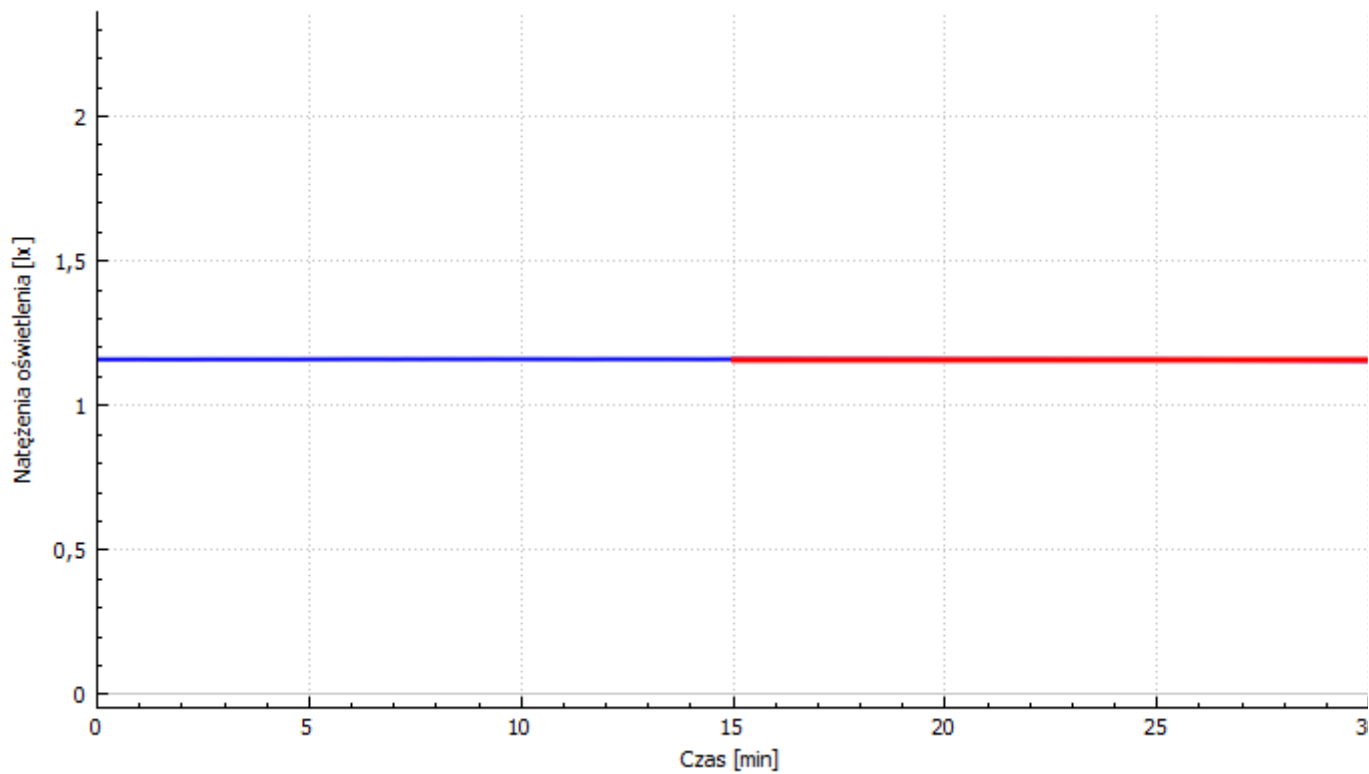
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3D Chart

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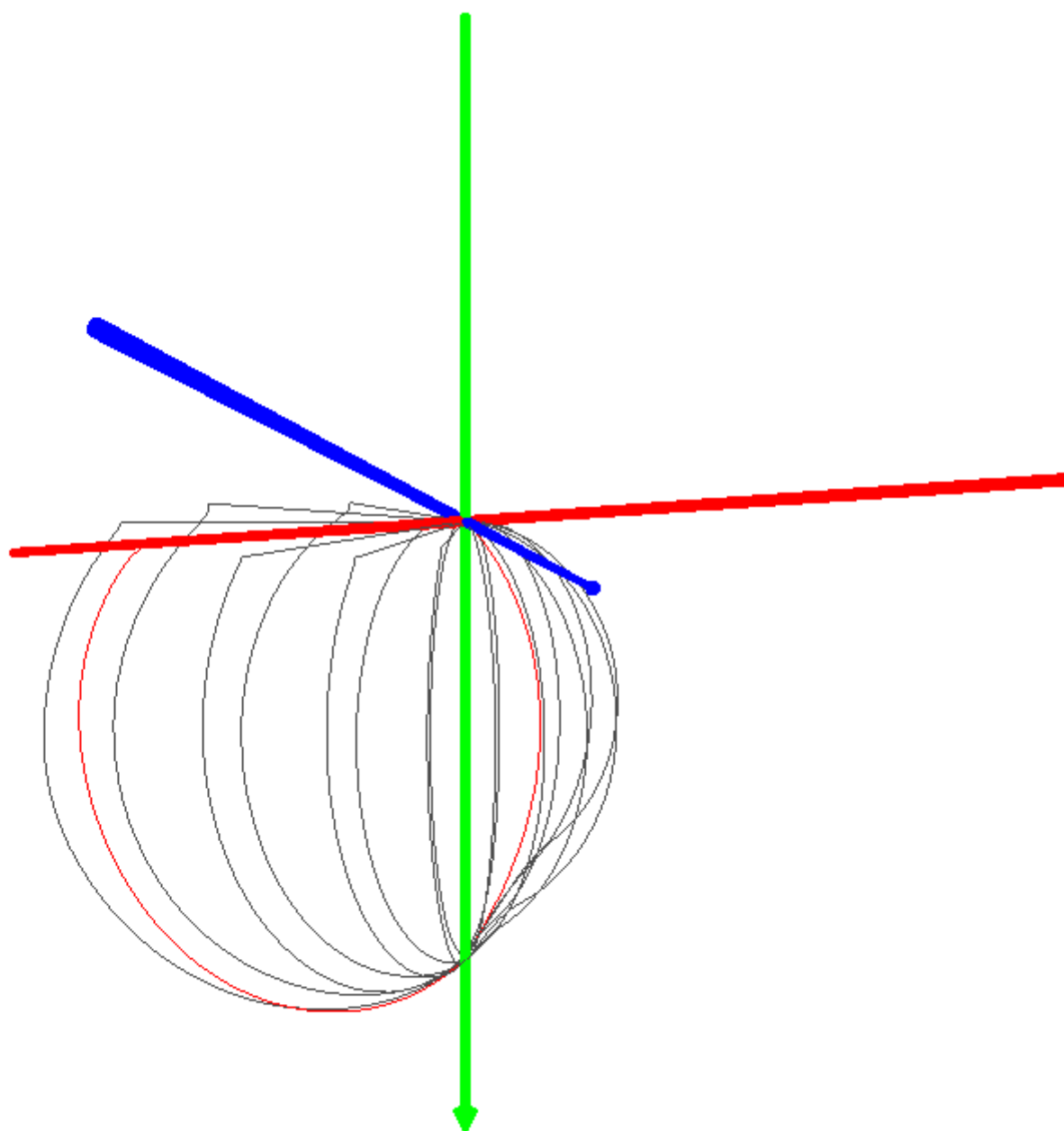
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
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			P(%f)
0	0,00173	0	0
1	100,000	100,000	100,000
2	0,00884	0,0537	4,06e-07
3	0,00155	8,082	-0,000447
4	0,00294	0	-1,42e-06
5	0,0119	14,541	0,00195
6	0,00201	0,0295	-3,39e-07
7	0,00567	5,839	0,000447
8	0,00171	0,0574	-7,73e-08
9	0,00589	6,630	0,00025
10	0,00112	0,0372	0
11	0,00726	4,121	-8,67e-05
12	0,00089	0,0268	0
13	0,00717	3,840	2,77e-05
14	0,0013	0,0333	0
15	0,00442	4,117	3,82e-05
16	0	0	0
17	0,00303	2,381	3,3e-05
18	0	0	0
19	0,00818	4,016	0,00017
20	0	0,0442	5,31e-08
21	0,00265	0,876	2,44e-05

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22	0,000889	0,034	0
23	0,0109	3,524	-1,5e-05
24	0	0,0507	0
25	0,00318	0,800	1,3e-05
26	0,000907	0,064	0
27	0,00644	2,751	7,45e-05
28	0,00111	0	2,51e-07
29	0,00352	0,877	-9,44e-06
30	0	0,0684	-3,09e-07
31	0,00721	2,189	1,05e-05
32	0	0,0383	0
33	0,00313	1,196	9,39e-06
34	0,000948	0,0326	-3,76e-08
35	0,00628	1,733	6,72e-06
36	0,00167	0,0812	7,57e-07
37	0,0072	1,544	3,07e-05
38	0	0,0427	0
39	0,00641	1,401	1,94e-05
40	0,00122	0,0378	-6,8e-07
41	0,00566	1,573	-1,68e-05
42	0,00131	0,042	9,58e-07
43	0,0065	1,220	-9,32e-07
44	0,00113	0,0459	0
45	0,00938	1,672	4,49e-05
46	0,00121	0,0341	-6,46e-07
47	0,00594	1,132	5,17e-06
48	0,00198	0,0346	7,67e-07
49	0,00992	1,650	3,8e-05
50	0	0,0513	1,51e-07

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