

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa 2Line Saga 12W CCT Switch DIMM*
Item No: *AZ6236*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6239_3000*
LuminaireName: *Alfa 2Line saga 12W CCT Switch DIMM*
LuminaireNumber: *AZ6239*
FileName: *AZ6239_3000.ldt*
Date: *2024-10-03*

Dimensions of luminaire

Length: *220 mm*
Width: *22 mm*
Height: *52 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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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

Type of lamps: *LED*
Total luminous flux: *487,42 lm*
Color temperatur: *2900 K*
Color rendering index: *92,48*
Wattage including ballast: *14,91 W*

Utilization factors:

k = 0.60	<i>0,316</i>
k = 0.80	<i>0,402</i>
k = 1.00	<i>0,477</i>
k = 1.25	<i>0,550</i>
k = 1.50	<i>0,606</i>
k = 2.00	<i>0,693</i>
k = 2.50	<i>0,740</i>
k = 3.00	<i>0,777</i>
k = 4.00	<i>0,827</i>
k = 5.00	<i>0,858</i>

Electrical parameters

<i>U</i>	<i>= 229,681 V</i>
<i>I</i>	<i>= 0,082 A</i>
<i>P</i>	<i>= 14,905 W</i>
<i>Power factor</i>	<i>= 0,794</i>

<i>Power apparent</i>	<i>= 18,788 VA</i>
<i>Power Reactive</i>	<i>= -11,429 var</i>
<i>Frequency Voltage</i>	<i>= 49,998 Hz</i>
<i>THD</i>	<i>= 41,596 %</i>

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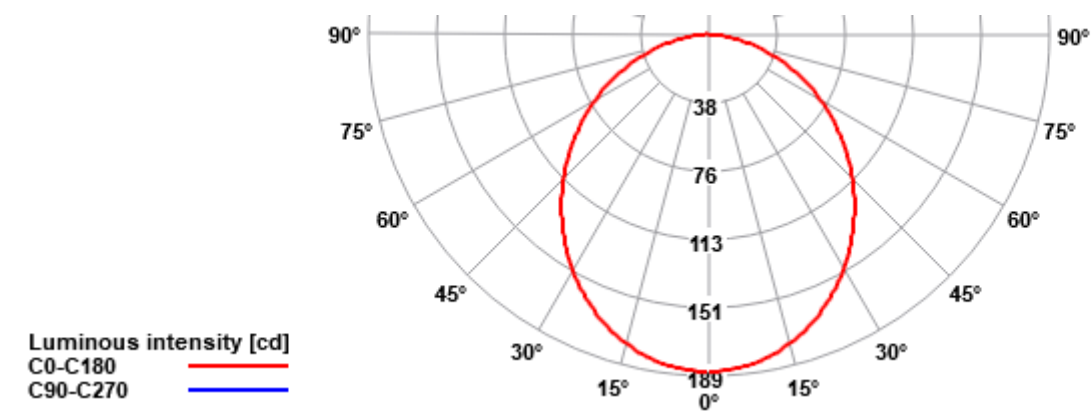
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	487,42 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	187,10 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	32,69 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4404
y	0,3989
Angular Colour Uniformity	0,0047

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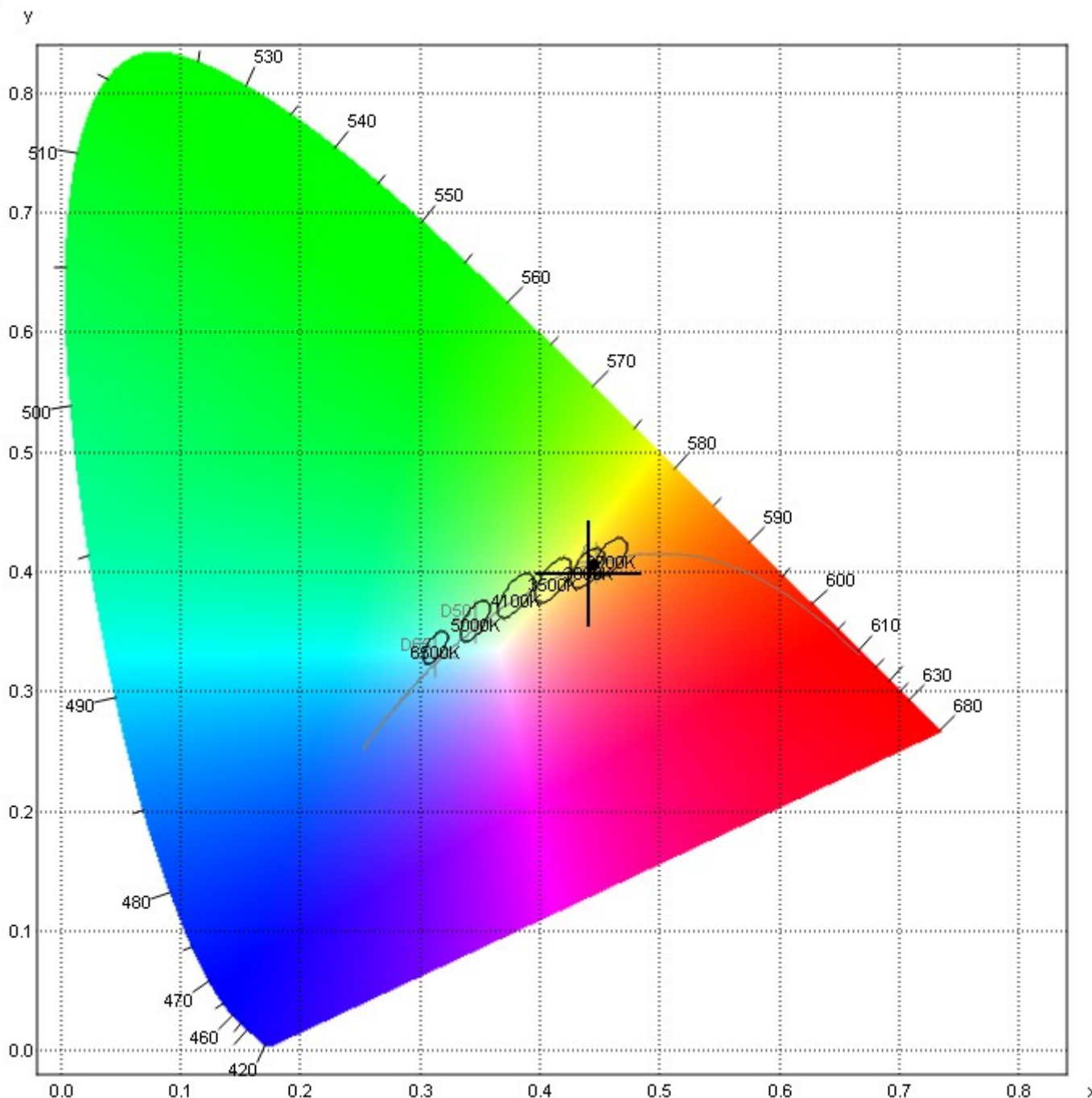
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Beam cone

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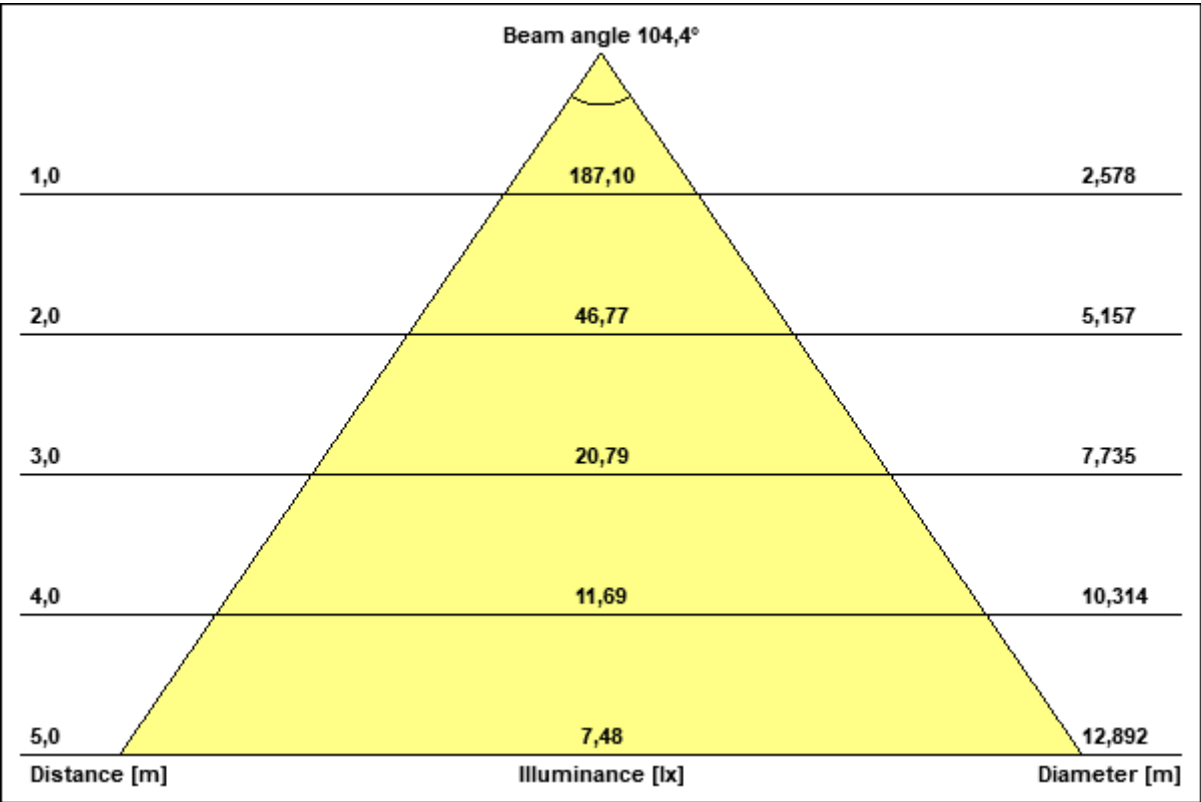
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Stabilization

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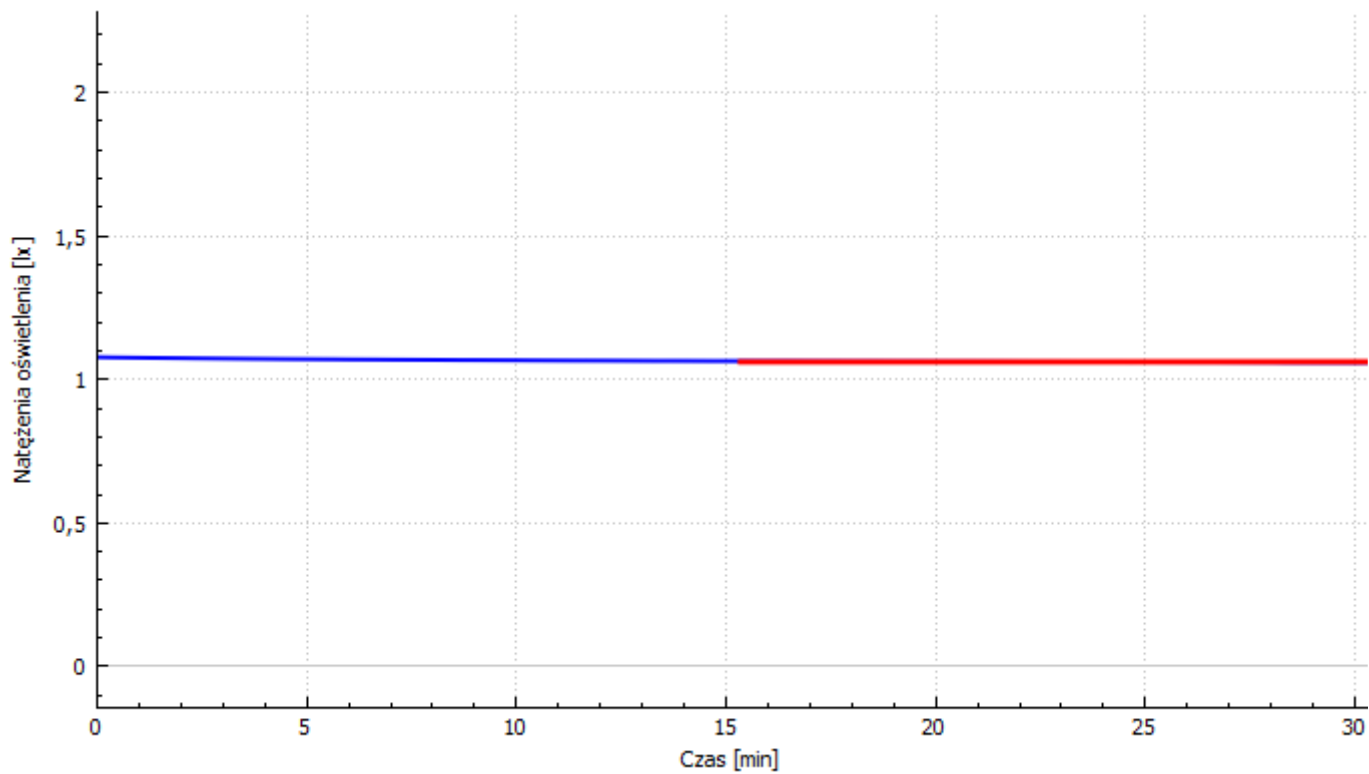
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3D Chart

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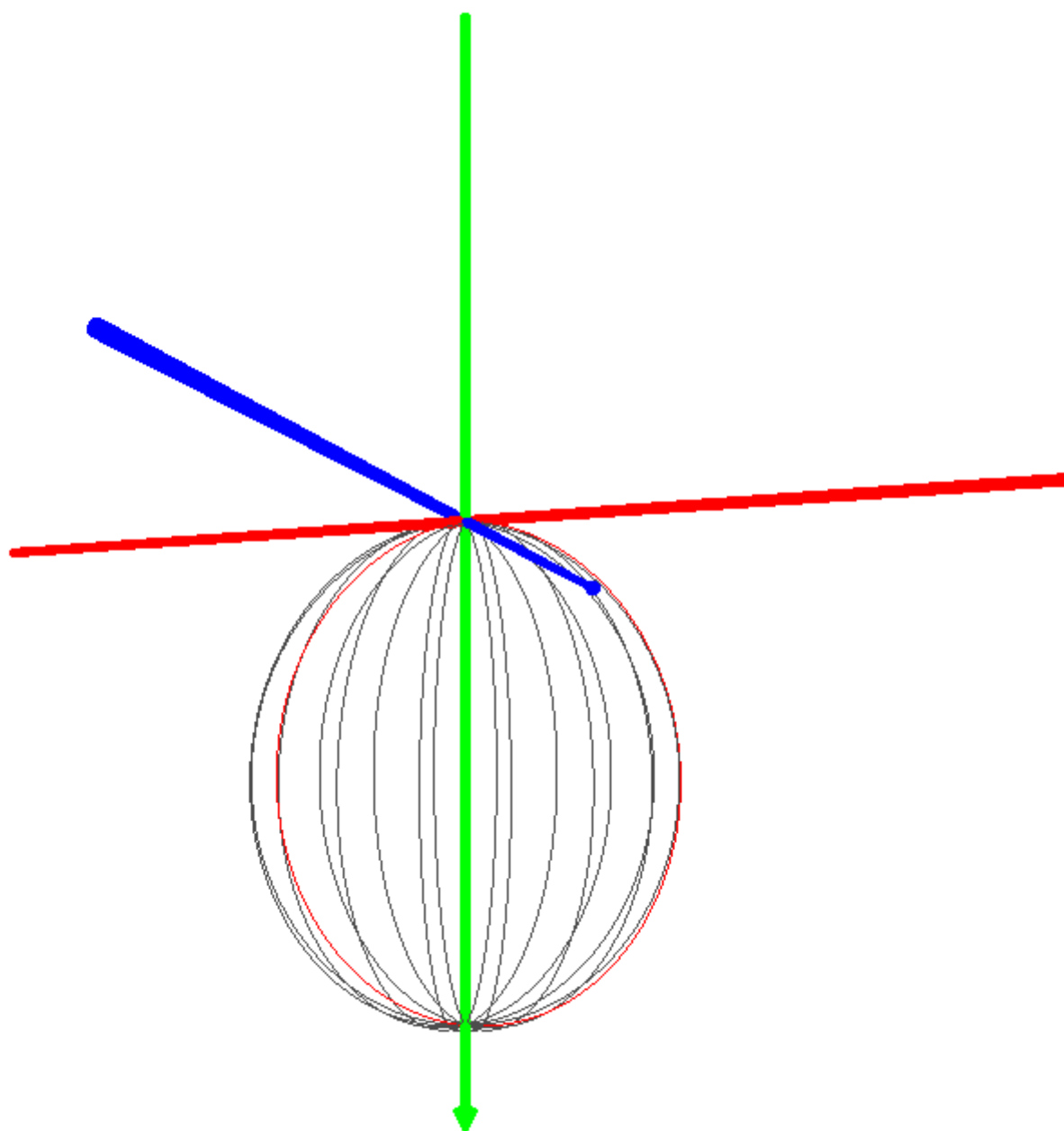
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
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			P(%f)
0	0,00382	0,123	1,03e-05
1	100,000	100,000	100,000
2	0,00664	0,207	-3,98e-05
3	0,0107	32,467	0,000397
4	0,00349	0,140	-2,3e-05
5	0,003	15,740	0,000213
6	0,00244	0,205	-4,66e-06
7	0,00408	10,335	0,000262
8	0,00113	0,180	-5,66e-06
9	0,00439	6,588	0,00015
10	0,000951	0,242	-7,32e-06
11	0,00782	6,907	0,000305
12	0	0,198	0
13	0,00385	4,347	0,000217
14	0,00097	0,187	-4,83e-06
15	0,00137	4,257	6,2e-05
16	0	0,195	0
17	0,00522	5,687	7,09e-05
18	0	0,160	0
19	0,00443	3,860	5,53e-05
20	0	0,199	0
21	0,00645	5,320	0,0001

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22	0,000834	0,260	1,31e-06
23	0,00678	4,990	-7,96e-05
24	0,00106	0,237	-6,95e-07
25	0,00554	3,590	4,03e-05
26	0,000982	0,301	-1,23e-07
27	0,00732	4,622	0,000145
28	0	0,279	0
29	0,00412	1,994	2,41e-05
30	0,00105	0,307	1,43e-06
31	0,00385	2,675	5,6e-05
32	0,000878	0,263	-5,65e-08
33	0,00112	2,087	-4,08e-05
34	0,000887	0,247	2,63e-06
35	0,00152	0,990	-1,74e-05
36	0,000978	0,200	5,26e-06
37	0,00415	2,418	-4,41e-05
38	0,00124	0,163	7,31e-06
39	0,00748	2,848	8,47e-06
40	0	0,264	0
41	0,00873	2,690	-5,1e-07
42	0,00127	0,212	1,58e-06
43	0,00987	3,664	8,03e-05
44	0,00122	0,264	6,18e-06
45	0,00754	2,809	0,000107
46	0,00117	0,281	6,06e-06
47	0,00761	3,141	0,000118
48	0,00119	0,303	-8,97e-07
49	0,00535	2,917	5,43e-05
50	0,00144	0,206	-3,16e-06

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