

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa 2Line Saga 24W CCT Switch DIMM*
Item No: *AZ6237*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6237_3000*
LuminaireName: *Alfa 2Line saga 24W CCT Switch DIMM*
LuminaireNumber: *AZ6237*
FileName: *AZ6237_3000.ldt*
Date: *2024-10-04*

Dimensions of luminaire

Length: *435 mm*
Width: *22 mm*
Height: *52 mm*

Dimensions of luminous area

Length: *433 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: *940,84 lm*
Color temperatur: *2958 K*
Color rendering index: *92,33*
Wattage including ballast: *25,29 W*

Utilization factors:

k = 0.60	<i>0,316</i>
k = 0.80	<i>0,401</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>0,741</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>= 229,638 V</i>
<i>I</i>	<i>= 0,124 A</i>
<i>P</i>	<i>= 25,291 W</i>
<i>Power factor</i>	<i>= 0,886</i>

<i>Power apparent</i>	<i>= 28,542 VA</i>
<i>Power Reactive</i>	<i>= -13,248 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 24,332 %</i>

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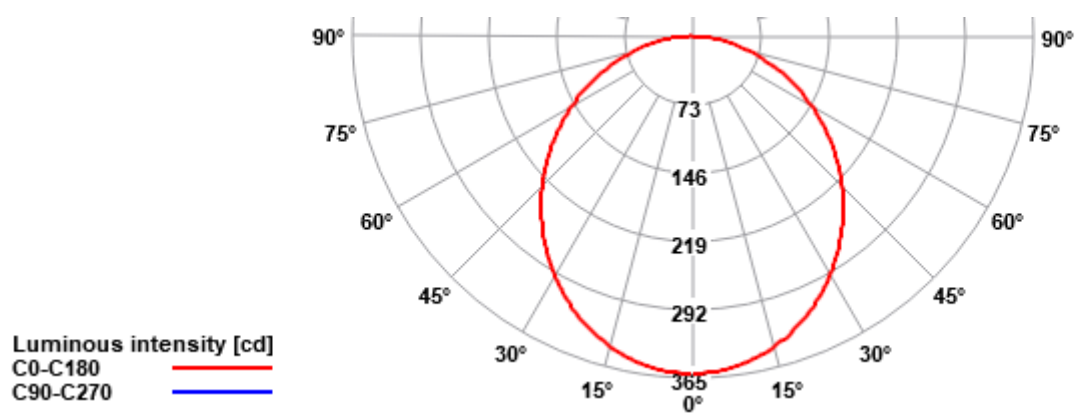
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	940,84 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	361,59 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	37,20 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4364
y	0,3980
Angular Colour Uniformity	0,0034

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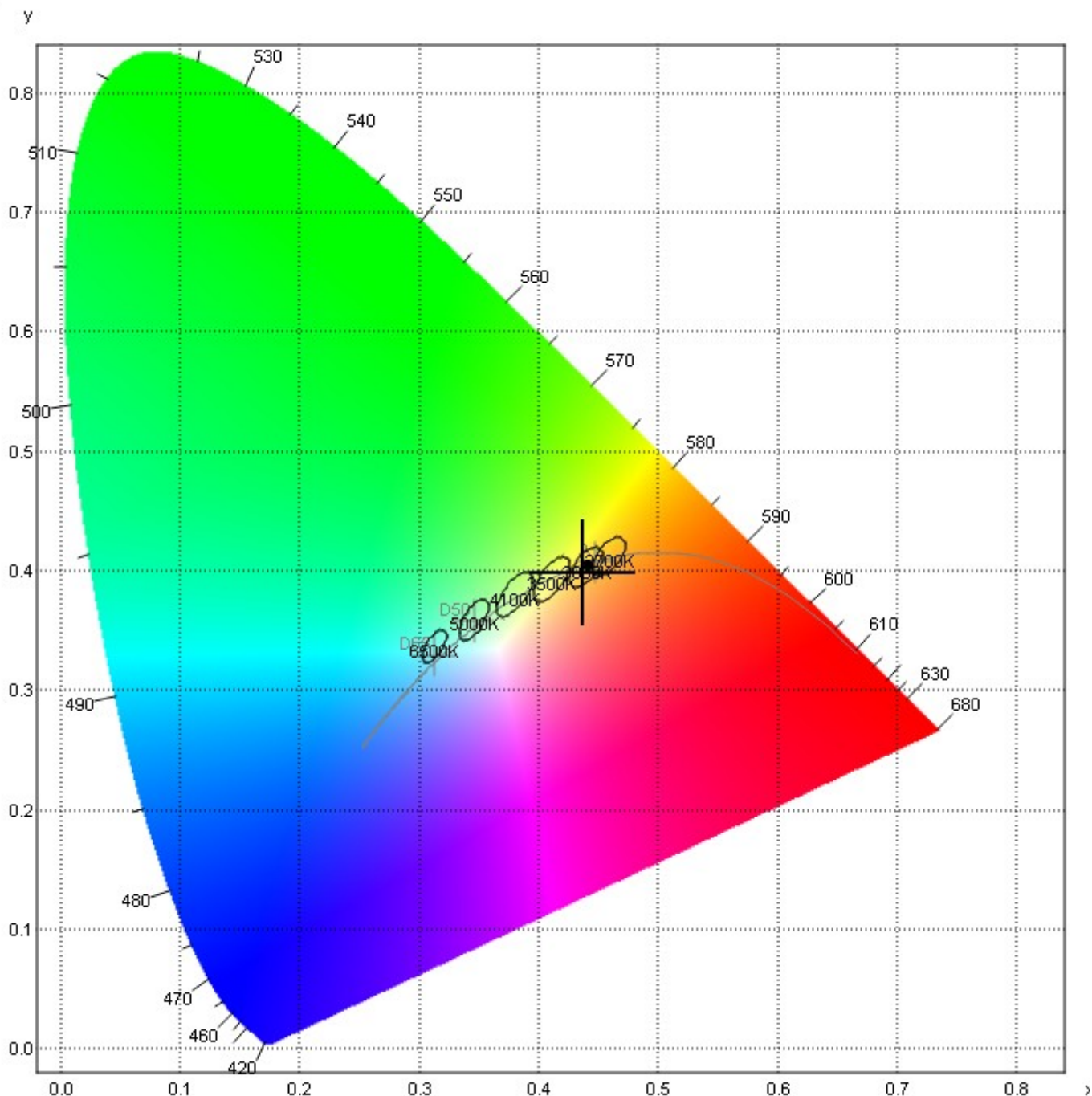
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Beam cone

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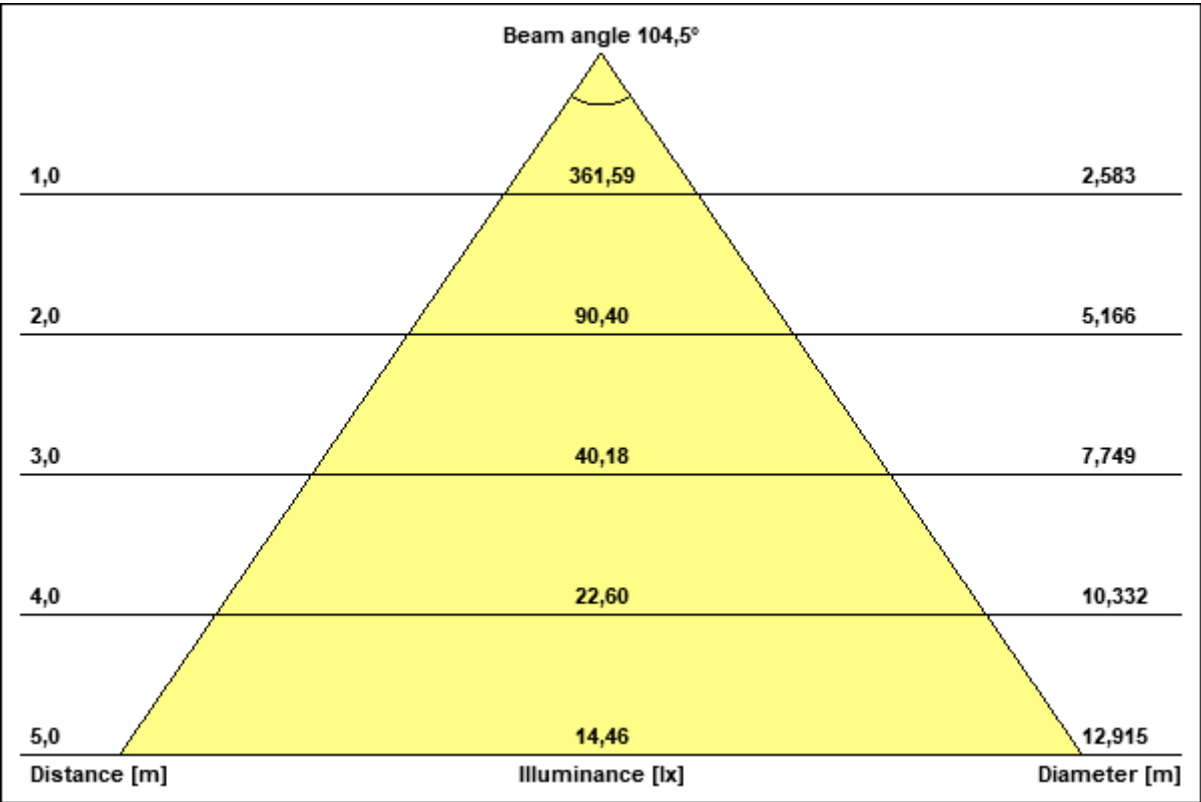
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Stabilization

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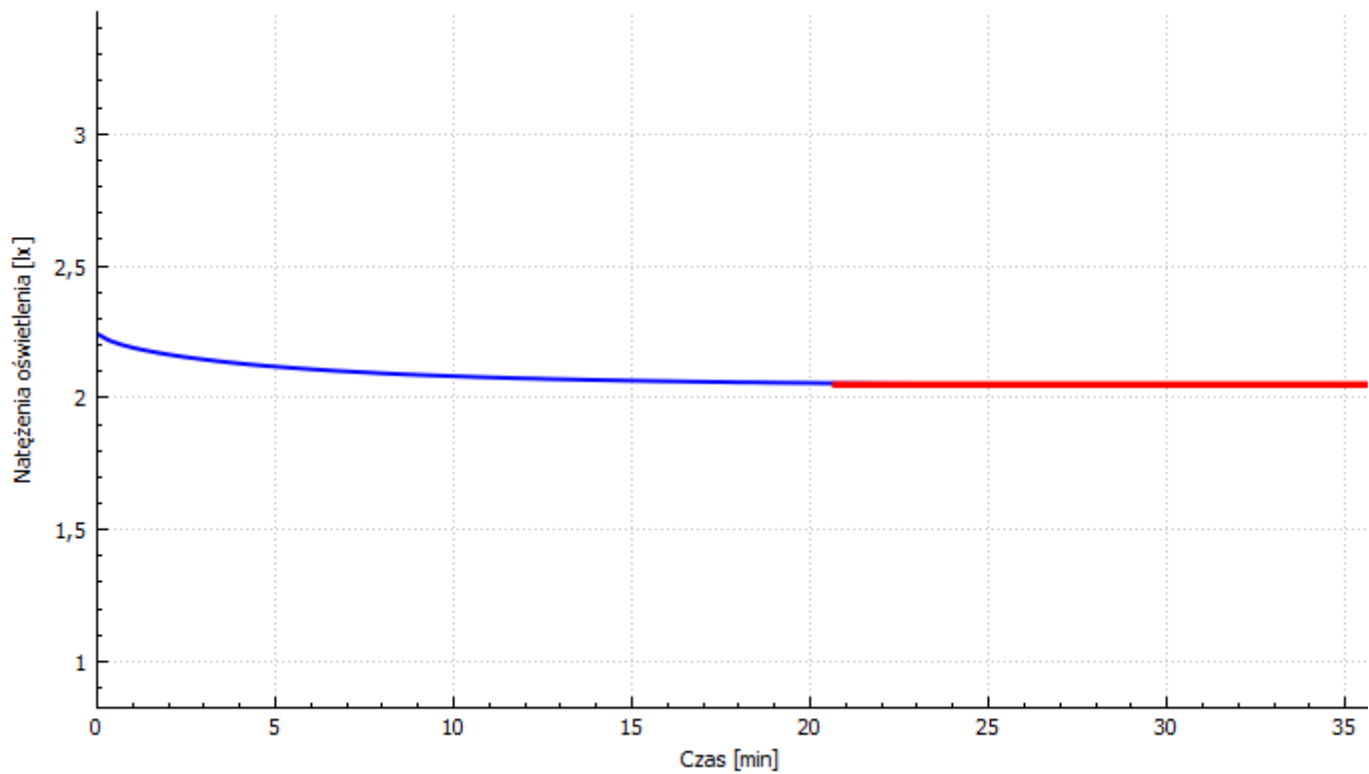
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3D Chart

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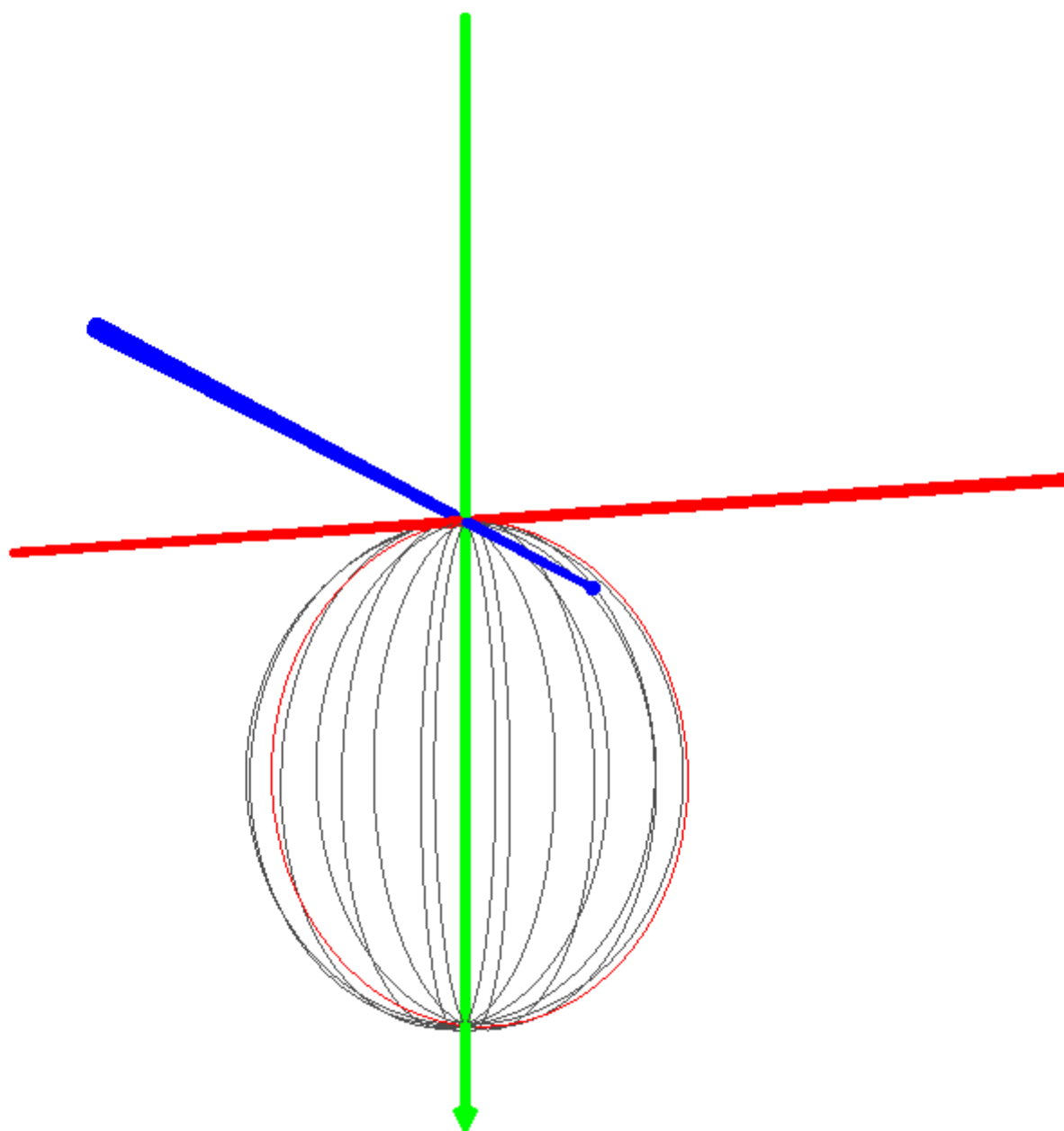
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0,0457	0,174	-0,000211
1	100,000	100,000	100,000
2	0,00594	0,170	-2,26e-05
3	0,00609	16,729	0,000946
4	0,00218	0,150	-5,99e-06
5	0,00547	11,628	0,000582
6	0,00159	0,211	-1,91e-06
7	0,00363	7,306	0,00025
8	0,000925	0,188	0
9	0,00501	4,162	9,08e-05
10	0,000861	0,218	5,28e-07
11	0,00661	3,798	0,000115
12	0	0,247	2,04e-06
13	0,00393	2,267	1,58e-05
14	0,00136	0,157	0
15	0,00481	3,657	2,74e-05
16	0,00161	0,215	1,96e-06
17	0,00202	1,797	5,85e-06
18	0,00127	0,277	-6,44e-07
19	0,00171	1,586	2,4e-05
20	0,00121	0,157	0
21	0,00383	1,822	-3,73e-05

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22	0	0,204	0
23	0,000926	1,065	2,39e-05
24	0,00124	0,229	1,62e-06
25	0,00565	2,542	4,04e-05
26	0,0018	0,166	1,74e-06
27	0,00555	1,910	2,37e-05
28	0,00154	0,197	-2,5e-07
29	0,00623	2,360	-6,2e-06
30	0,001	0,165	-1,06e-06
31	0,0107	2,723	2,52e-05
32	0,000867	0,194	0
33	0,0107	2,447	3,95e-05
34	0,00107	0,225	0
35	0,00919	2,524	6,93e-05
36	0,00134	0,195	1,76e-06
37	0,00717	1,860	4,11e-05
38	0,00195	0,169	1,47e-06
39	0,0107	2,626	3,17e-05
40	0,00152	0,259	-1,53e-08
41	0,0102	1,983	9,01e-05
42	0,00119	0,191	-3,02e-06
43	0,00899	1,966	8,01e-05
44	0,000978	0,197	0
45	0,00446	1,728	1,35e-05
46	0,00165	0,216	0
47	0,00381	1,378	8,22e-06
48	0,00257	0,173	4,26e-06
49	0,00358	1,429	-6,04e-06
50	0,00331	0,177	8,82e-07

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