

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa 2Line Saga 48W CCT Switch DIMM*
Item No: *AZ6239*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6239_3000*
LuminaireName: *Alfa 2Line saga 48W CCT Switch DIMM*
LuminaireNumber: *AZ6239*
FileName: *AZ6239_3000.ldt*
Date: *2024-10-08*

Dimensions of luminaire

Length: *855 mm*
Width: *22 mm*
Height: *52 mm*

Dimensions of luminous area

Length: *853 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

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Type of lamps: *LED*
Total luminous flux: *1877,21 lm*
Color temperatur: *2992 K*
Color rendering index: *92,39*
Wattage including ballast: *49,53 W*

Utilization factors:

k = 0.60	<i>0,315</i>
k = 0.80	<i>0,400</i>
k = 1.00	<i>0,475</i>
k = 1.25	<i>0,548</i>
k = 1.50	<i>0,605</i>
k = 2.00	<i>0,692</i>
k = 2.50	<i>0,739</i>
k = 3.00	<i>0,776</i>
k = 4.00	<i>0,825</i>
k = 5.00	<i>0,857</i>

Electrical parameters

<i>U</i>	<i>= 229,661 V</i>
<i>I</i>	<i>= 0,226 A</i>
<i>P</i>	<i>= 49,531 W</i>
<i>Power factor</i>	<i>= 0,954</i>

<i>Power apparent</i>	<i>= 51,929 VA</i>
<i>Power Reactive</i>	<i>= -15,622 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 11,726 %</i>

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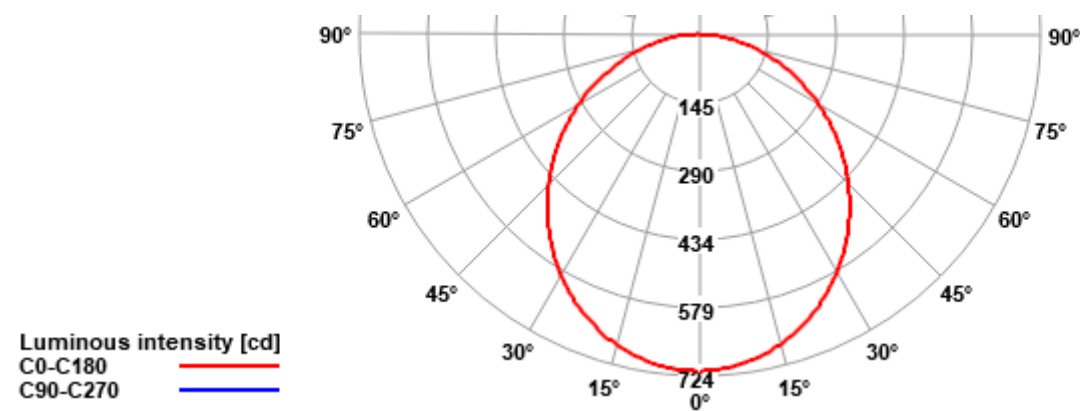
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1877,21 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	717,32 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	37,90 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4334
y	0,3959
Angular Colour Uniformity	0,0029

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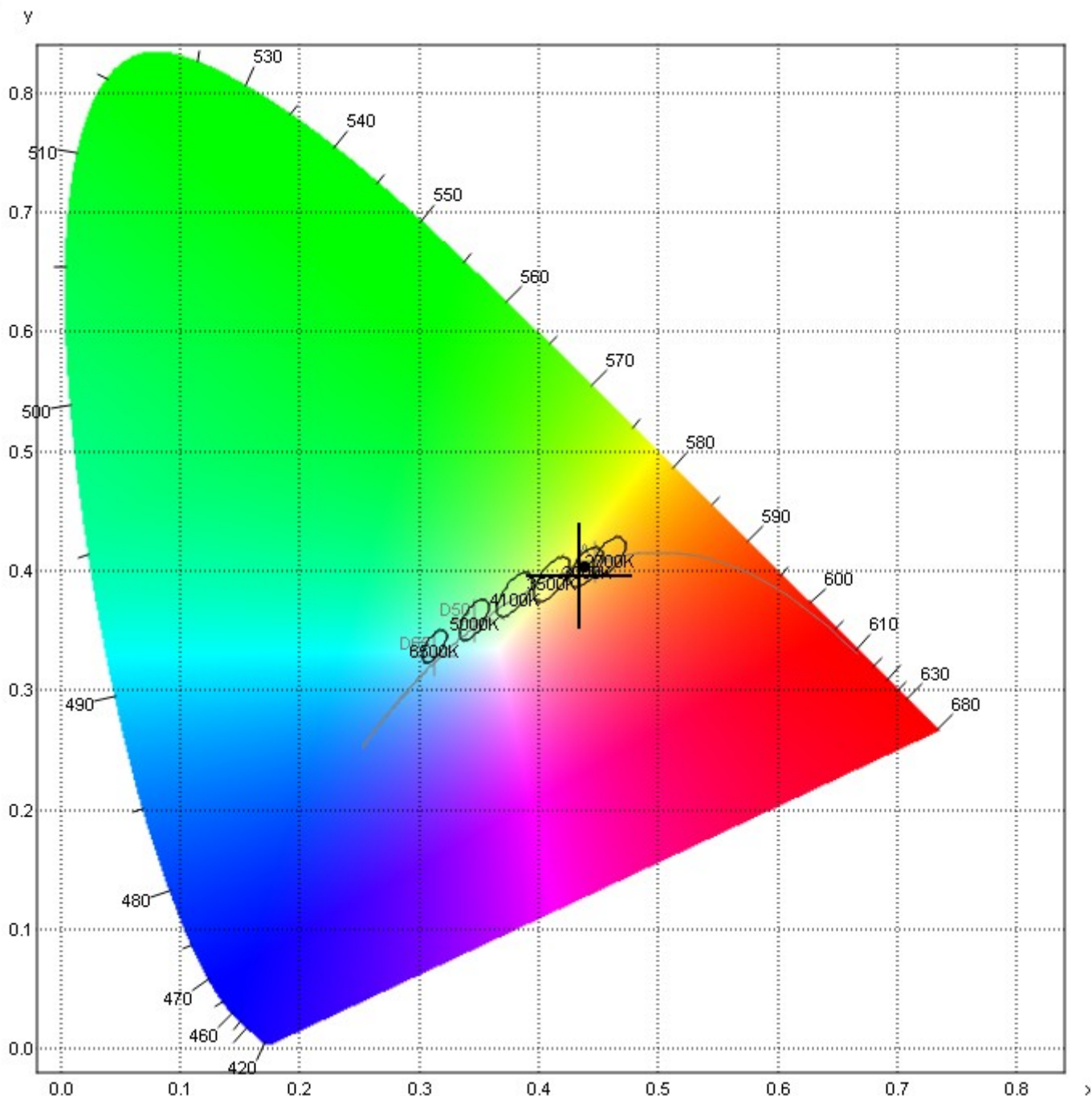
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Beam cone

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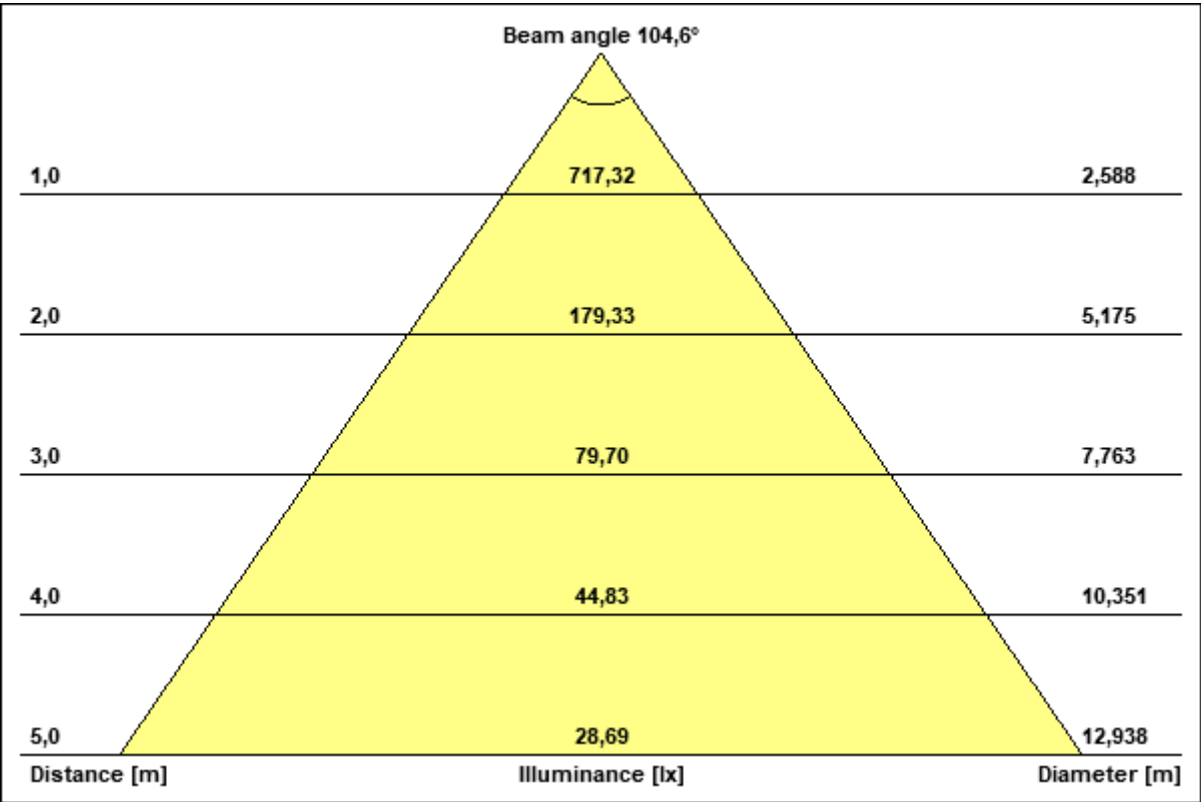
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Stabilization

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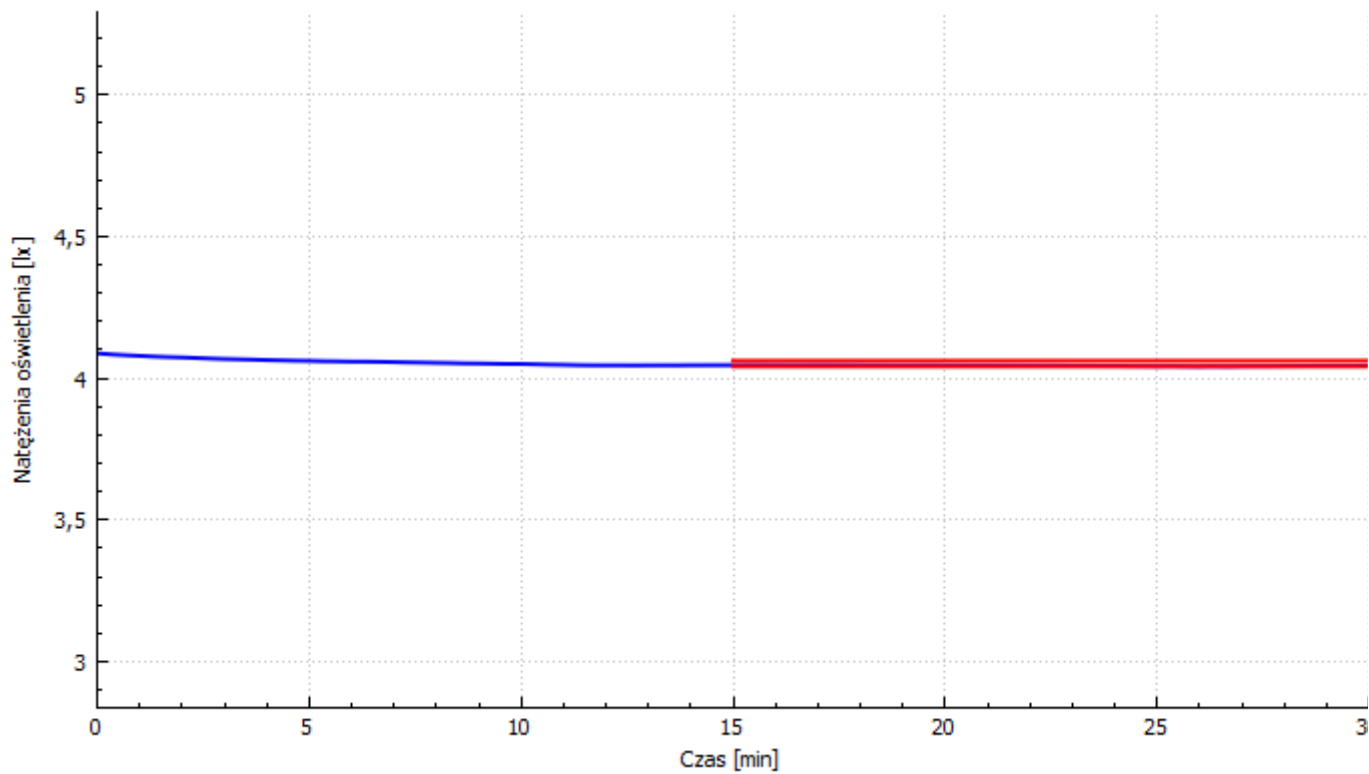
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3D Chart

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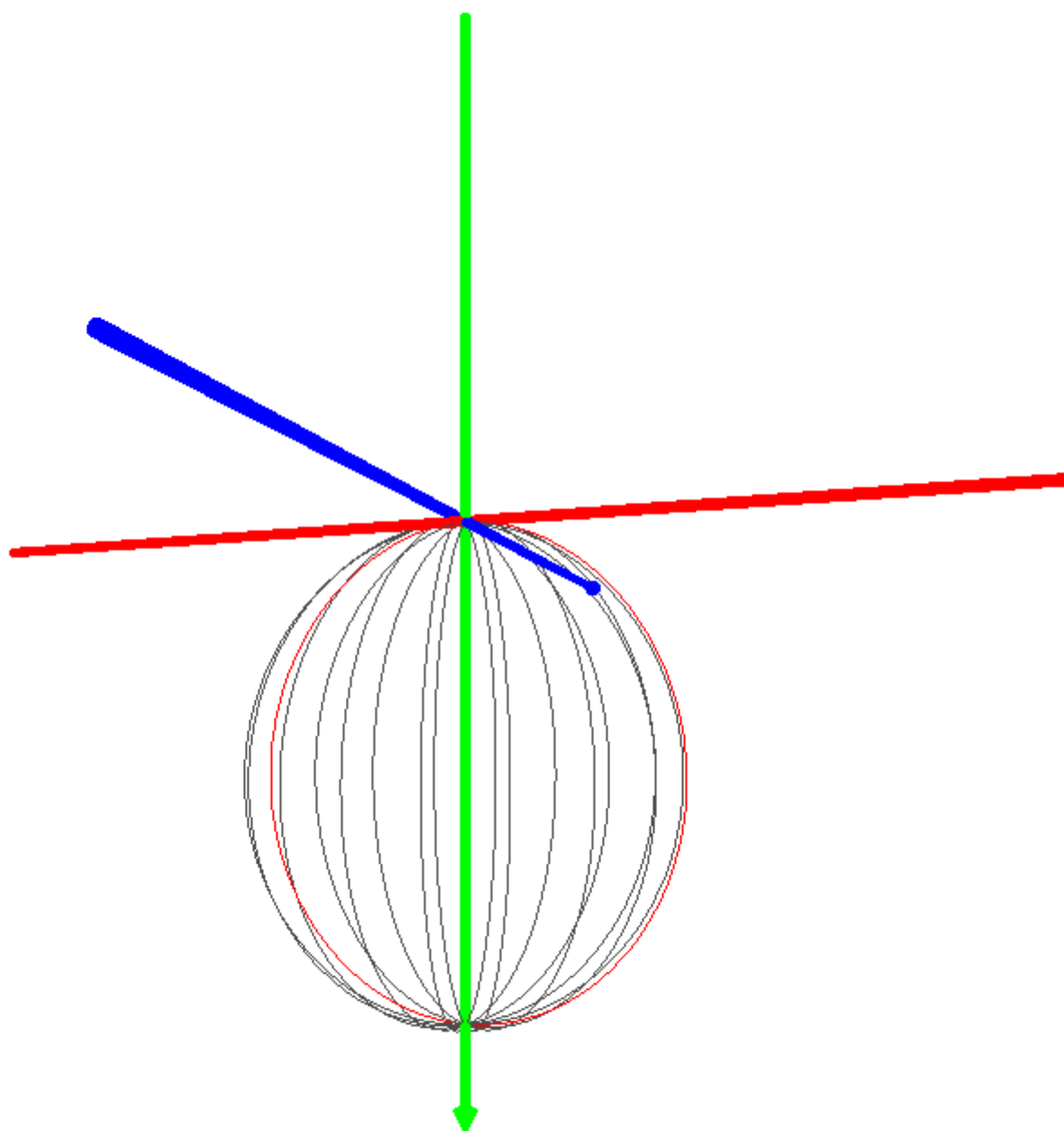
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
end
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			P(%f)
0	0,00664	0,191	0
1	100,000	100,000	100,000
2	0,00544	0,422	1,85e-05
3	0,0178	7,256	0,0012
4	0,00358	0,230	-3,36e-06
5	0,0105	4,574	0,00048
6	0,00123	0,243	8,75e-07
7	0,00924	4,168	0,000372
8	0,000968	0,276	0
9	0,00744	3,496	0,000233
10	0,00128	0,208	0
11	0,011	3,421	0,000187
12	0	0,308	0
13	0,00544	1,769	2,98e-05
14	0,00105	0,208	0
15	0,0102	2,954	0,0002
16	0	0,201	0
17	0,0033	0,390	8,27e-06
18	0	0,0954	0
19	0,00759	1,938	0,00012
20	0,000999	0,126	0
21	0,00331	0,549	1,56e-05

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22	0,0013	0,0888	0
23	0,00554	1,034	2,23e-05
24	0	0,0906	0
25	0,00486	1,039	3,17e-05
26	0,00155	0,112	0
27	0,0093	1,809	8,12e-05
28	0,00189	0,082	-7,83e-07
29	0,0048	0,849	1,99e-05
30	0,00126	0,111	0
31	0,00318	0,334	1,32e-05
32	0,002	0,141	-3,02e-07
33	0,0016	0,220	-2,59e-07
34	0	0,0643	1,07e-06
35	0,00361	0,355	1,05e-05
36	0,00188	0,106	-2,18e-07
37	0,00231	0,471	4,43e-06
38	0	0,096	0
39	0,0017	0,412	-1,33e-06
40	0,00149	0,106	1,22e-07
41	0	0,345	-6,48e-06
42	0	0,196	1,15e-06
43	0,00455	0,646	-4,44e-06
44	0,00119	0,151	2,95e-07
45	0,00343	0,685	7,79e-06
46	0	0,185	5,98e-07
47	0,00402	0,586	6,05e-06
48	0,00103	0,0797	-6,2e-08
49	0,00519	0,883	9,64e-06
50	0,00178	0,0759	-2,39e-07

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