

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *AZ6239\_6000*  
LuminaireName: *Alfa 2Line saga 48W CCT Switch DIMM*  
LuminaireNumber: *AZ6239*  
FileName: *AZ6239\_6000.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: *2132,54 lm*  
Color temperatur: *7322 K*  
Color rendering index: *93,24*  
Wattage including ballast: *49,59 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>0,691</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

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$U$	<i>= 229,677 V</i>
$I$	<i>= 0,227 A</i>
$P$	<i>= 49,590 W</i>
Power factor	<i>= 0,954</i>

Power apparent	<i>= 52,030 VA</i>
Power Reactive	<i>= -15,654 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 11,831 %</i>

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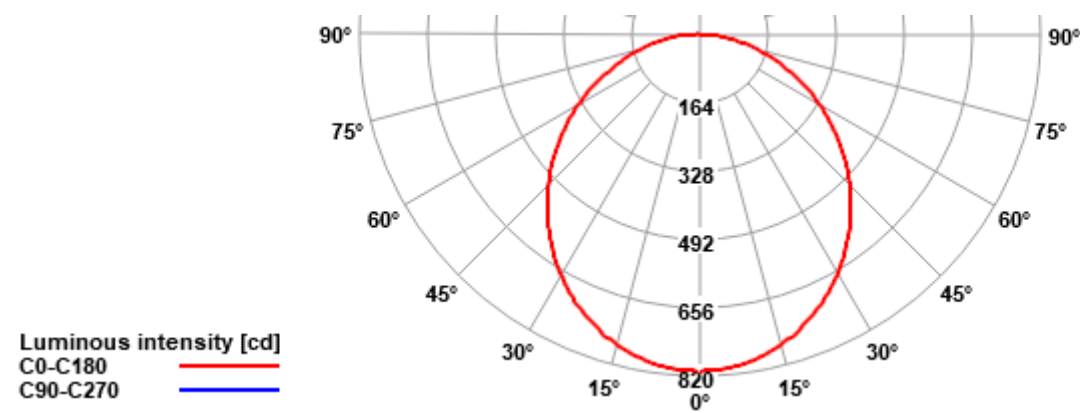
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2132,54 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	812,36 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	43,00 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3025
y	0,3122
Angular Colour Uniformity	0,0037

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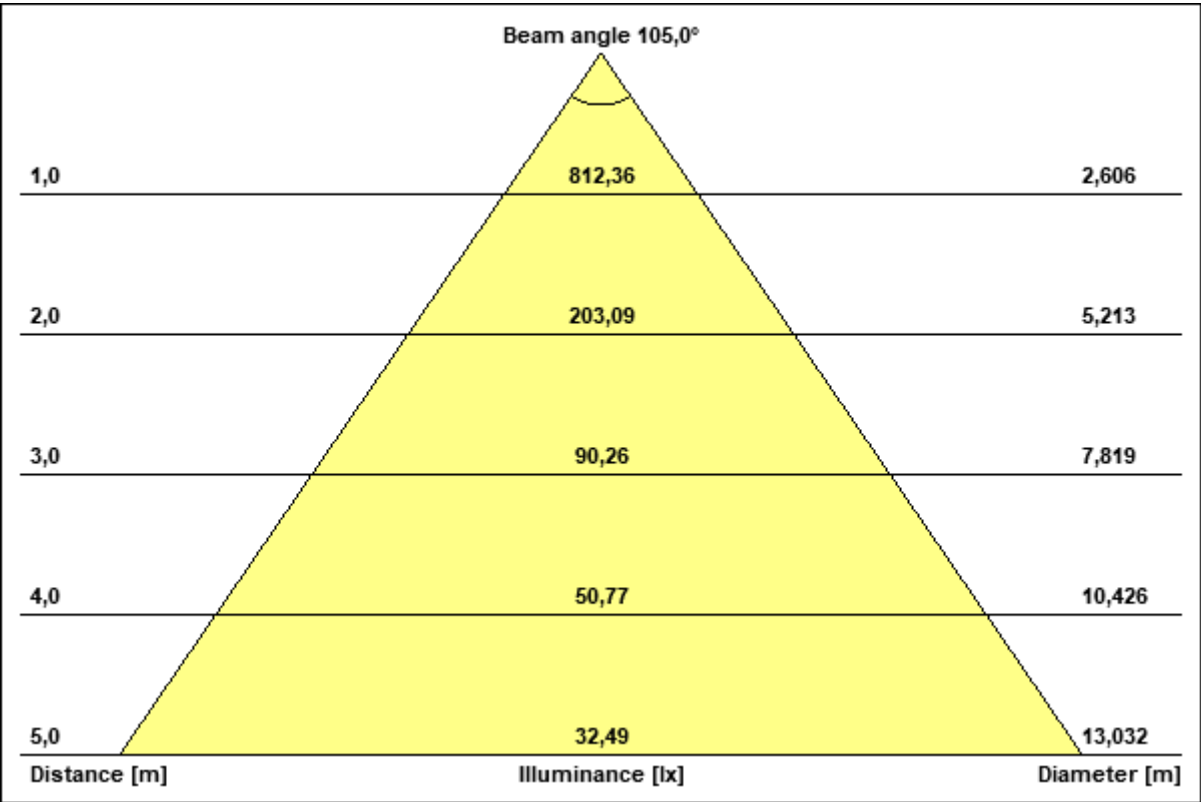
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# Stabilization

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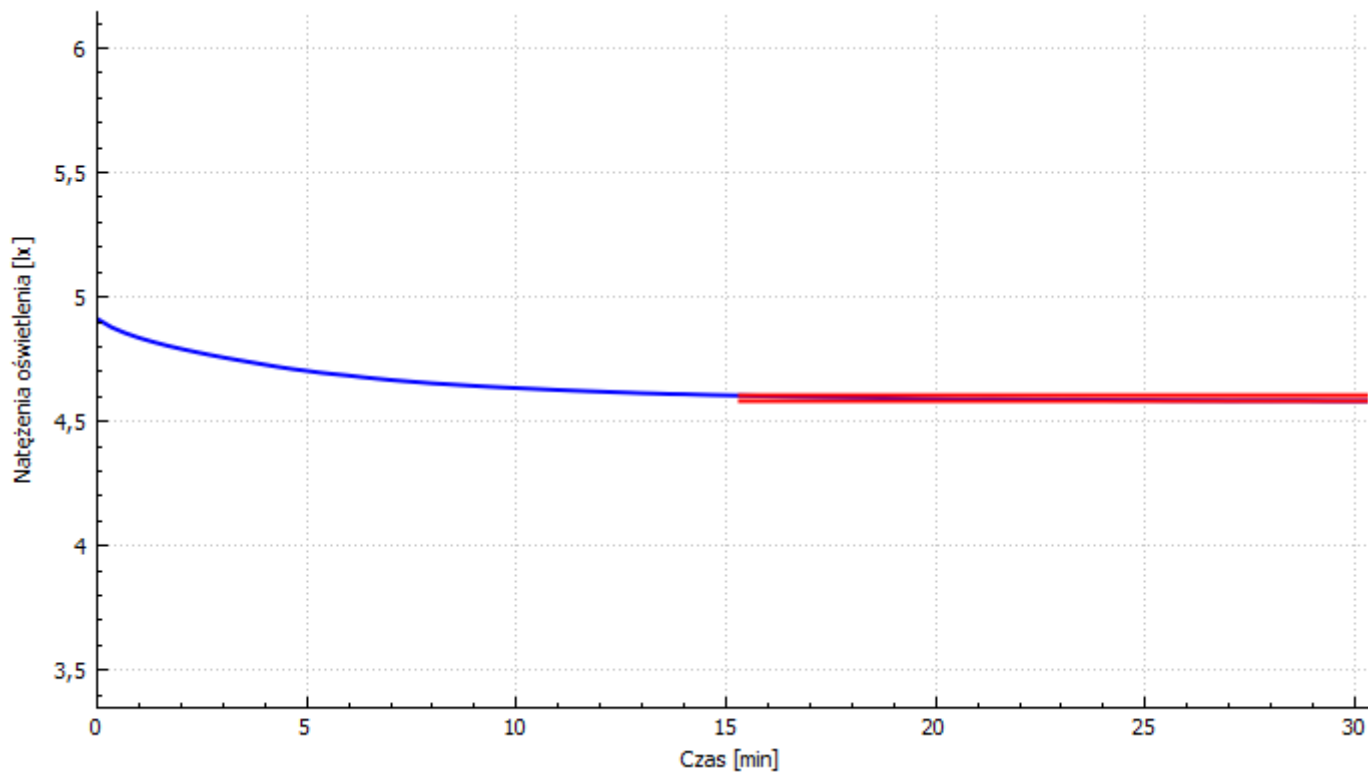
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### 3D Chart

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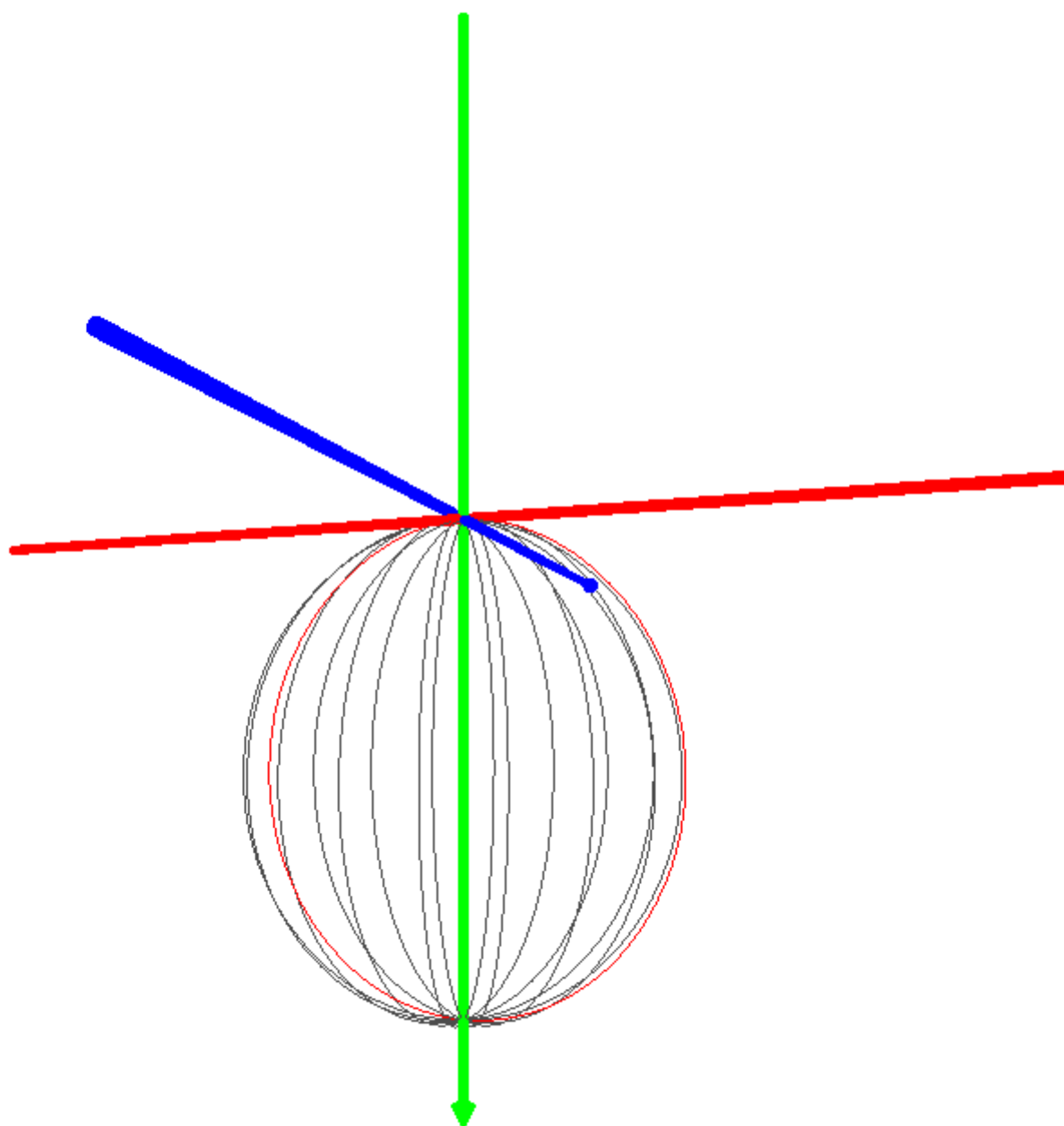
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## Legend

- C0-C180

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- C90-C270  
- G0-G180  
U(%f)

I(%f)

Extended  
electrical  
report

			P(%f)
0	0	0,669	5,59e-06
1	100,000	100,000	100,000
2	0,00611	0,841	3,3e-05
3	0,0158	7,280	0,000898
4	0,00215	0,359	6,34e-07
5	0,0123	4,403	0,000412
6	0,00137	0,490	-1,4e-06
7	0,00968	4,141	0,00036
8	0,00101	0,374	7,48e-06
9	0,00806	3,284	0,000208
10	0,00252	0,417	-1,19e-06
11	0,0104	3,481	0,00019
12	0,00107	0,272	7,6e-06
13	0,00504	1,689	3,1e-05
14	0,00185	0,280	-1,65e-06
15	0,00973	2,792	0,000221
16	0,000874	0,240	2,08e-06
17	0,00377	0,525	1,66e-05
18	0,0014	0,258	-1,85e-09
19	0,00779	1,559	0,00012
20	0,000914	0,207	0
21	0,00345	0,761	2,04e-05

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22	0	0,231	0
23	0,00511	0,994	1,25e-05
24	0	0,102	0
25	0,00431	0,929	2,49e-05
26	0,000869	0,197	7,85e-07
27	0,00879	1,647	7,42e-05
28	0,00147	0,154	0
29	0,00344	0,547	1,91e-05
30	0	0,293	1,44e-06
31	0,00275	0,703	1,75e-05
32	0,00161	0,121	-7,71e-08
33	0,002	0,167	1,58e-06
34	0,00104	0,142	0
35	0,00377	0,388	1,62e-05
36	0,000852	0,227	1,75e-06
37	0,00128	0,560	1,58e-06
38	0	0,145	0
39	0,00173	0,427	-5,59e-07
40	0	0,219	-1,2e-07
41	0,00198	0,461	-6,72e-06
42	0	0,128	0
43	0,00477	0,514	-1,78e-07
44	0	0,257	-4,53e-08
45	0,00424	0,699	1,34e-05
46	0,0013	0,167	3,56e-07
47	0,00434	0,580	4,42e-06
48	0,00098	0,357	4,85e-07
49	0,0062	0,748	8,24e-06
50	0,00221	0,0595	3,99e-07

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