

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Ove Wall 4000K*

Item No: *AZ4509*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ4509*

LuminaireName: *OVE Wall 4000K*

LuminaireNumber: *AZ4509*

FileName: *AZ4509.Idt*

Date: *2024-06-26*

Dimensions of luminaire

Length: *110 mm*

Width: *0 mm*

Height: *20 mm*

Dimensions of luminous area

Length: *70 mm*

Width: *0 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: *135,72 lm*
Color temperatur: *4427 K*
Color rendering index: *71,42*
Wattage including ballast: *2,55 W*

Utilization factors:

k = 0.60	<i>0,098</i>
k = 0.80	<i>0,178</i>
k = 1.00	<i>0,253</i>
k = 1.25	<i>0,336</i>
k = 1.50	<i>0,406</i>
k = 2.00	<i>0,516</i>
k = 2.50	<i>0,592</i>
k = 3.00	<i>0,651</i>
k = 4.00	<i>0,731</i>
k = 5.00	<i>0,782</i>

Electrical parameters

<i>U</i>	<i>= 229,673 V</i>
<i>I</i>	<i>= 0,026 A</i>
<i>P</i>	<i>= 2,554 W</i>
<i>Power factor</i>	<i>= 0,420</i>

<i>Power apparent</i>	<i>= 6,081 VA</i>
<i>Power Reactive</i>	<i>= -5,521 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 198,667 %</i>

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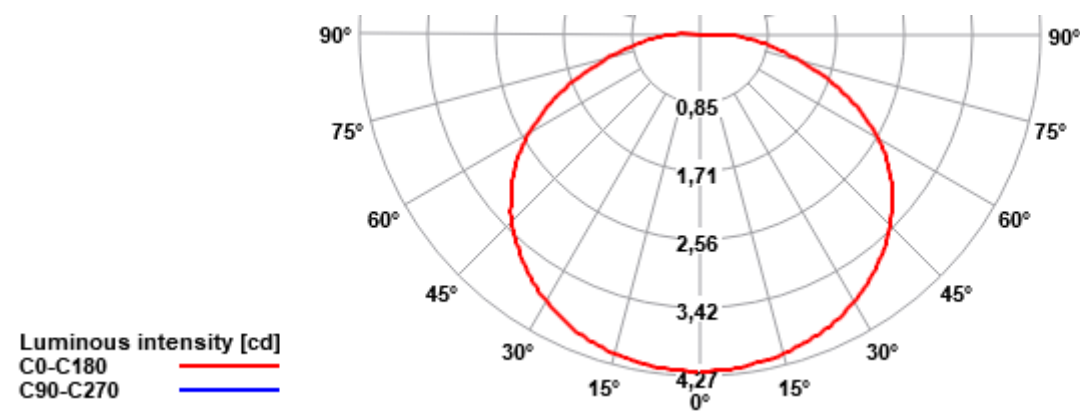
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	135,72 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	110,20 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	53,22 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3650
y	0,3737
Angular Colour Uniformity	0,0277

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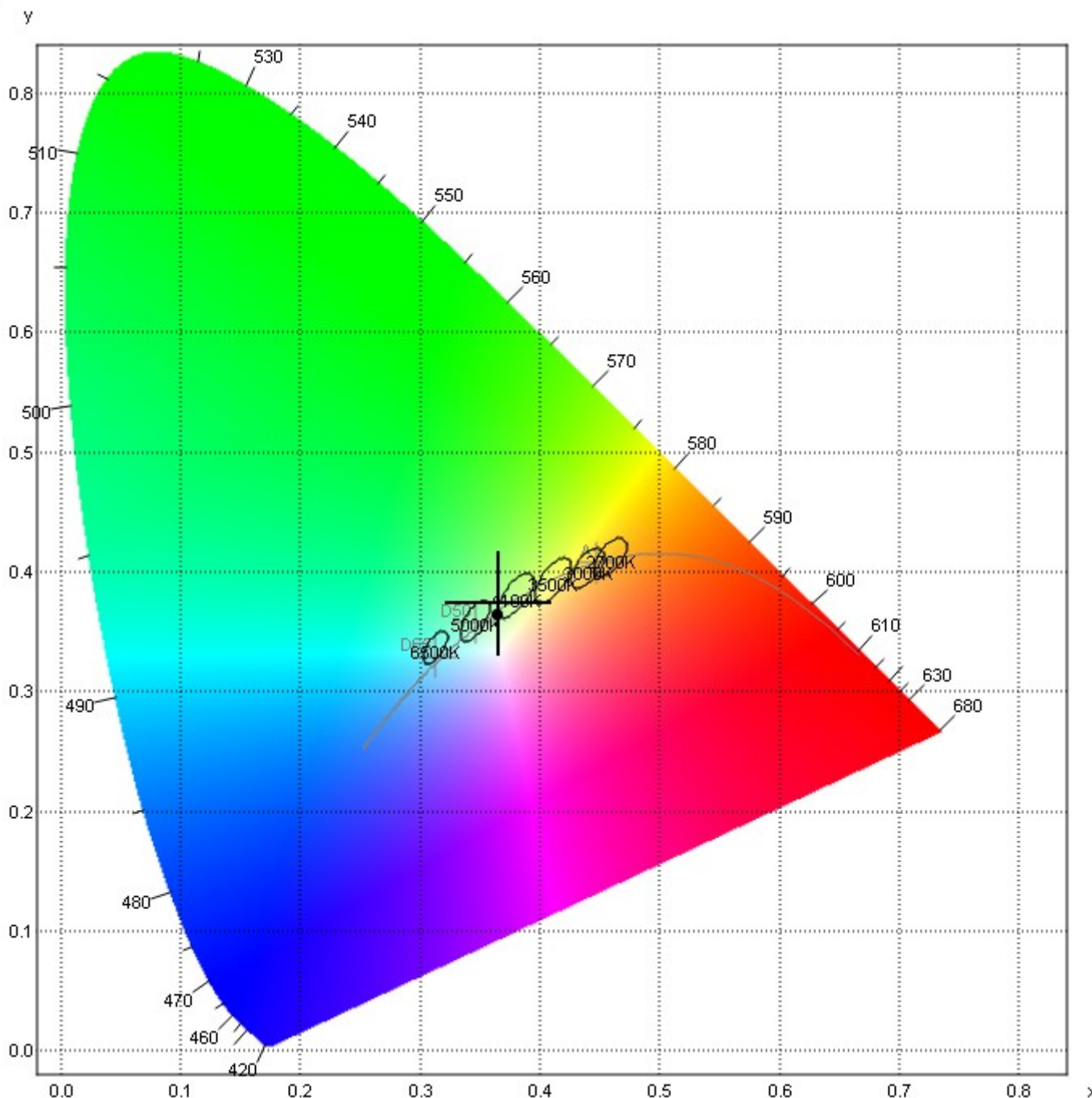
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Beam cone

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Stabilization

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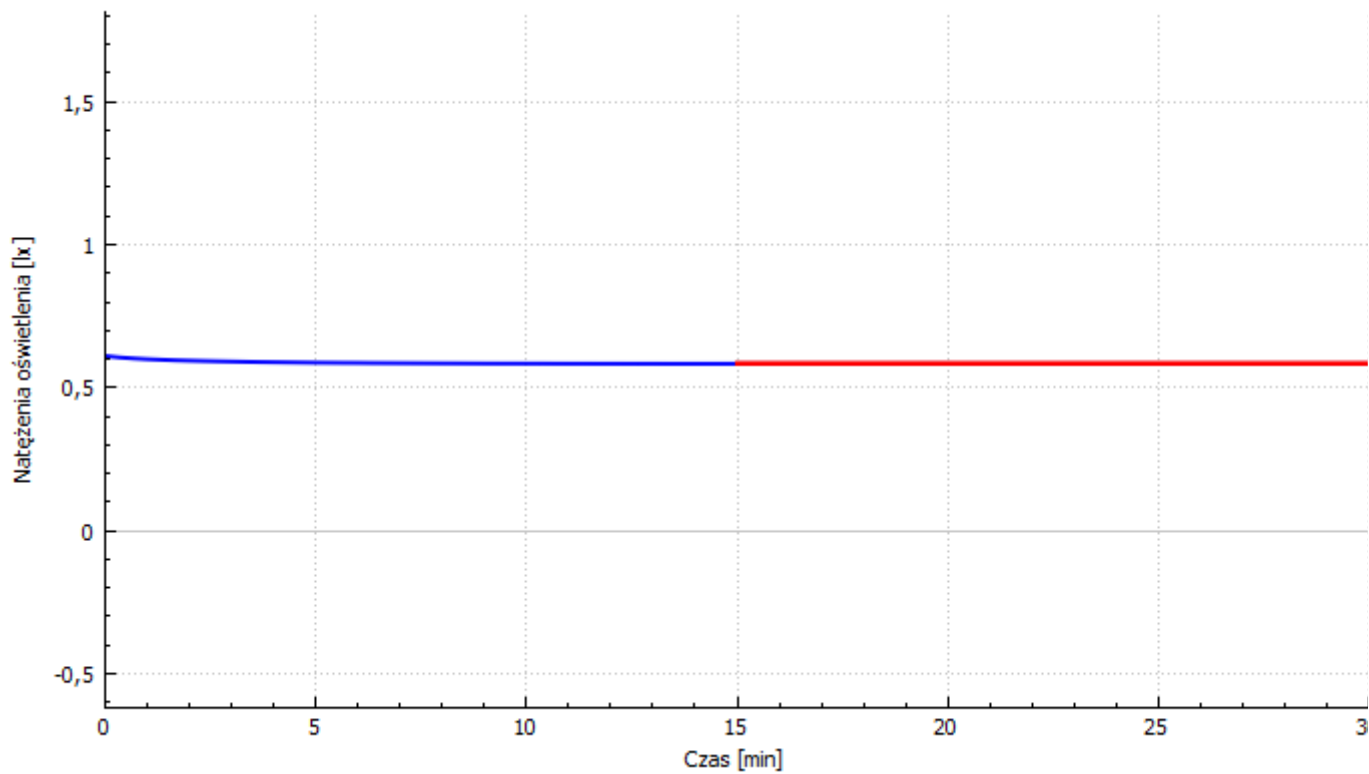
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3D Chart

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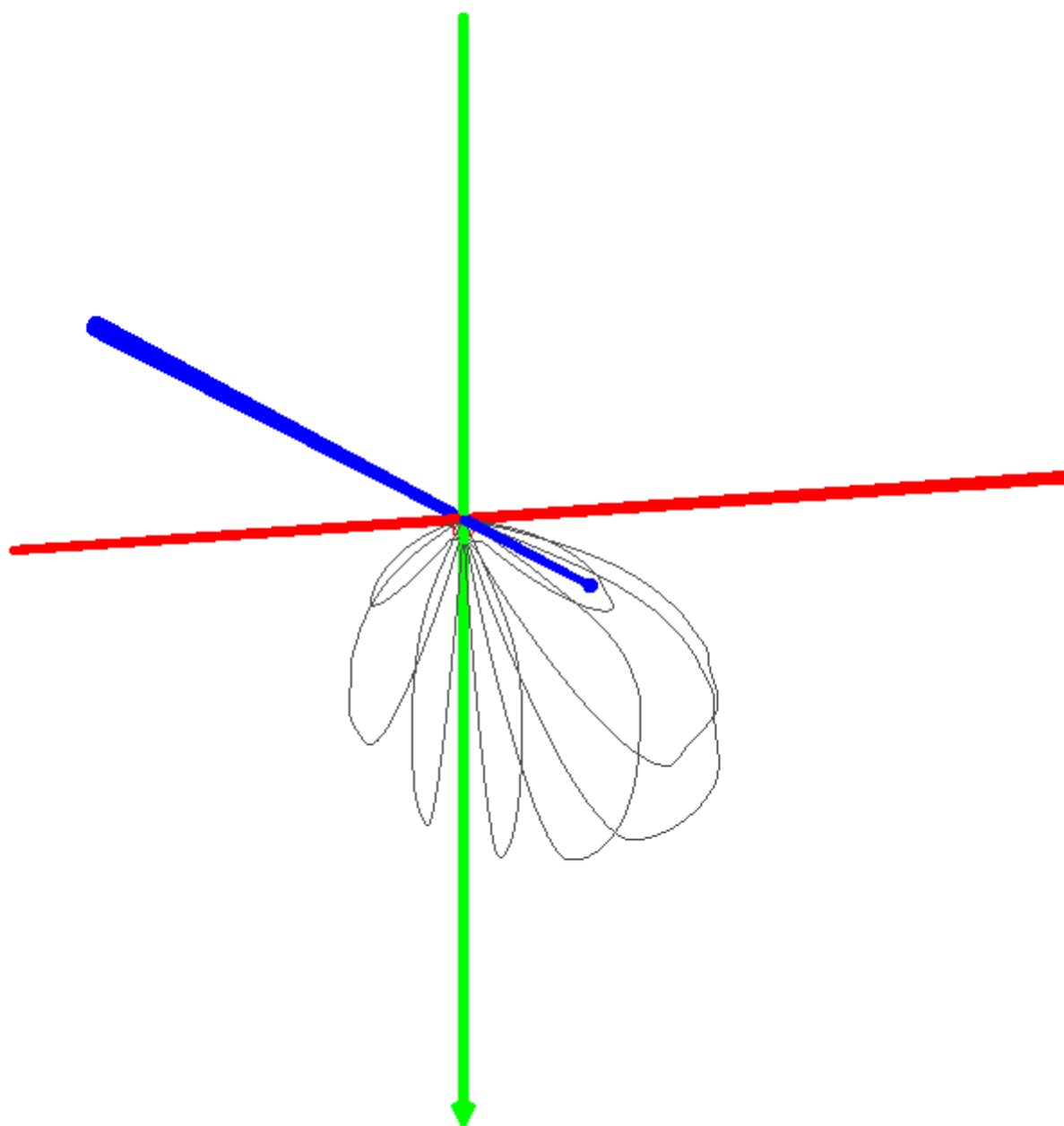
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
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U(%f)			I(%f)	P(%f)
0	0,0055	0	0	
1	100,000	100,000	100,000	
2	0,00945	0	0	
3	0,00426	95,120	0,00016	
4	0,00301	0	0	
5	0,0103	88,300	0,00581	
6	0,00189	0	0	
7	0,00302	78,859	0,00237	
8	0,00223	0	0	
9	0,0069	67,614	0,000706	
10	0,00132	0	0	
11	0,00451	55,623	-0,000901	
12	0	0	0	
13	0,00588	44,035	0,00103	
14	0,00173	0	0	
15	0,00488	34,105	0,000447	
16	0,00116	0	0	
17	0,00117	27,024	0,000328	
18	0	0	0	
19	0,0039	23,347	-3,7e-05	
20	0,001	0	0	
21	0,00463	22,284	0,000436	

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22	0	0	0
23	0,00561	22,155	0,000131
24	0	0	0
25	0,00446	21,715	0,000251
26	0,000834	0	0
27	0,00417	20,599	0,000146
28	0	0	0
29	0,00394	18,912	-3,5e-05
30	0	0	0
31	0,00574	17,151	0,000368
32	0	0	0
33	0,00367	15,766	2,46e-05
34	0	0	0
35	0,00376	15,026	0,000171
36	0	0	0
37	0,00414	14,806	0,000127
38	0	0	0
39	0,00464	14,762	-0,000115
40	0	0	0
41	0,00524	14,620	-9,63e-06
42	0	0	0
43	0,00435	14,275	0,000168
44	0,000857	0	0
45	0,00539	13,816	8,25e-05
46	0	0	0
47	0,00274	13,422	3,1e-05
48	0	0	0
49	0,00602	13,238	1,75e-05
50	0,00103	0,194	0

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