

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Ove Wall 3000K*
Item No: *AZ4508*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4508*
LuminaireName: *OVE Wall 3000K*
LuminaireNumber: *AZ4508*
FileName: *AZ4508.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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PLN: IBAN 78 1750 0012 0000 0000 2709 9432

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

Type of lamps: *LED*
Total luminous flux: *122,66 lm*
Color temperatur: *3048 K*
Color rendering index: *73,31*
Wattage including ballast: *2,53 W*

Utilization factors:

k = 0.60	<i>0,070</i>
k = 0.80	<i>0,147</i>
k = 1.00	<i>0,219</i>
k = 1.25	<i>0,301</i>
k = 1.50	<i>0,371</i>
k = 2.00	<i>0,482</i>
k = 2.50	<i>0,561</i>
k = 3.00	<i>0,621</i>
k = 4.00	<i>0,705</i>
k = 5.00	<i>0,760</i>

Electrical parameters

<i>U</i>	<i>= 229,673 V</i>
<i>I</i>	<i>= 0,026 A</i>
<i>P</i>	<i>= 2,535 W</i>
<i>Power factor</i>	<i>= 0,419</i>

<i>Power apparent</i>	<i>= 6,051 VA</i>
<i>Power Reactive</i>	<i>= -5,495 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 200,504 %</i>

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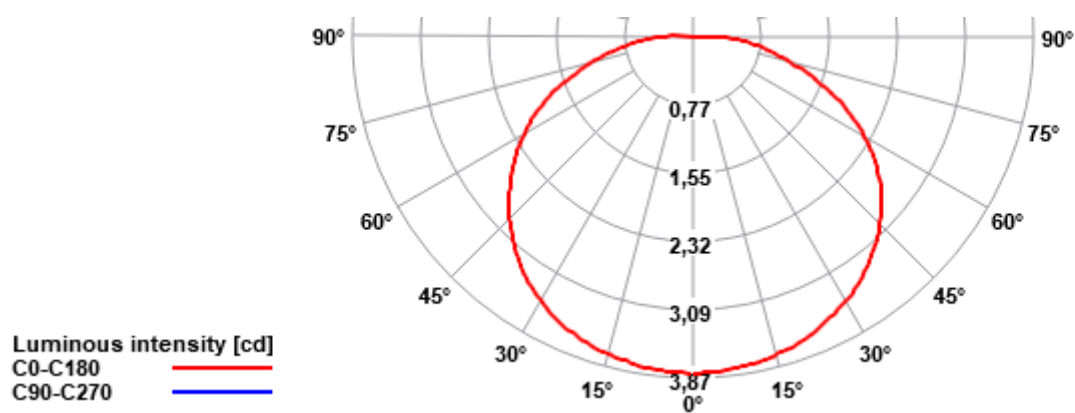
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	122,66 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	104,35 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	48,48 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4311
y	0,3978
Angular Colour Uniformity	0,0185

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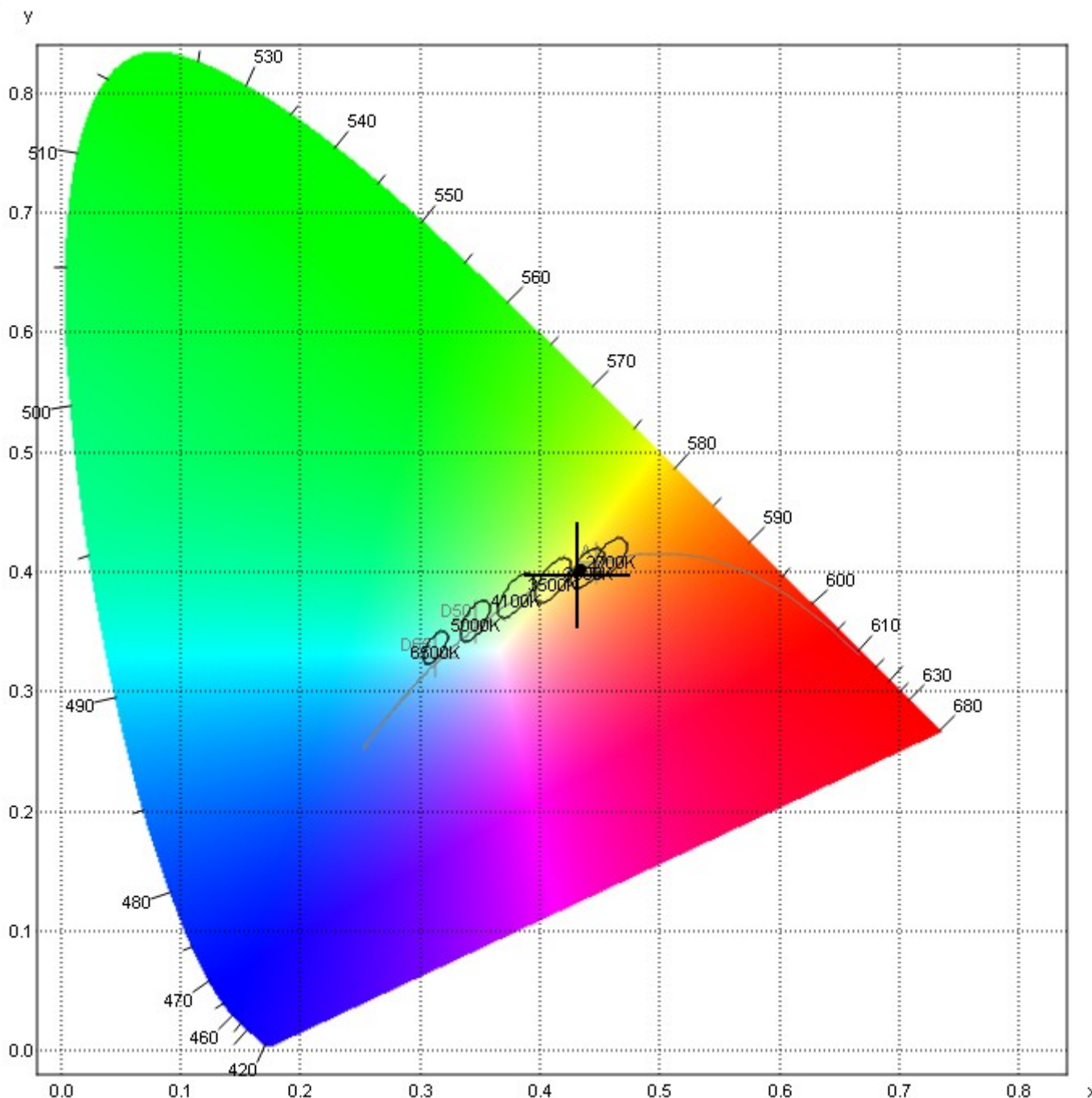
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Beam cone

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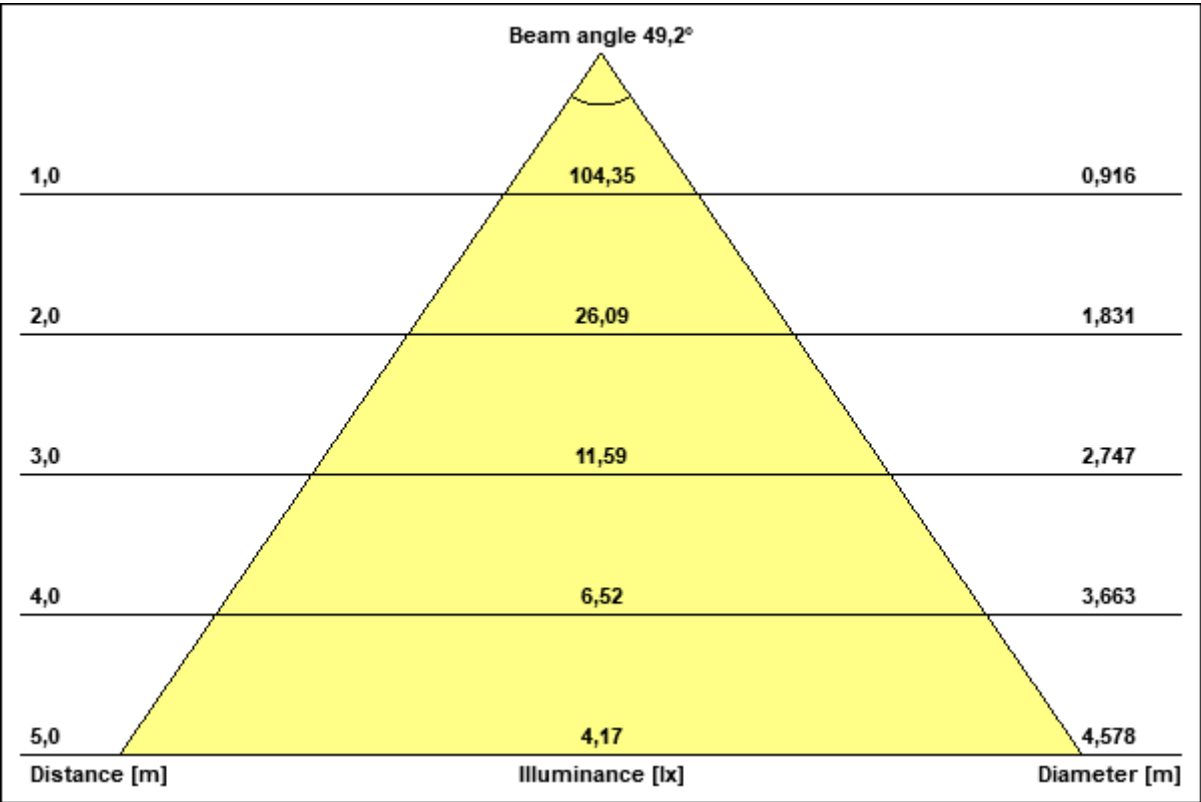
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Stabilization

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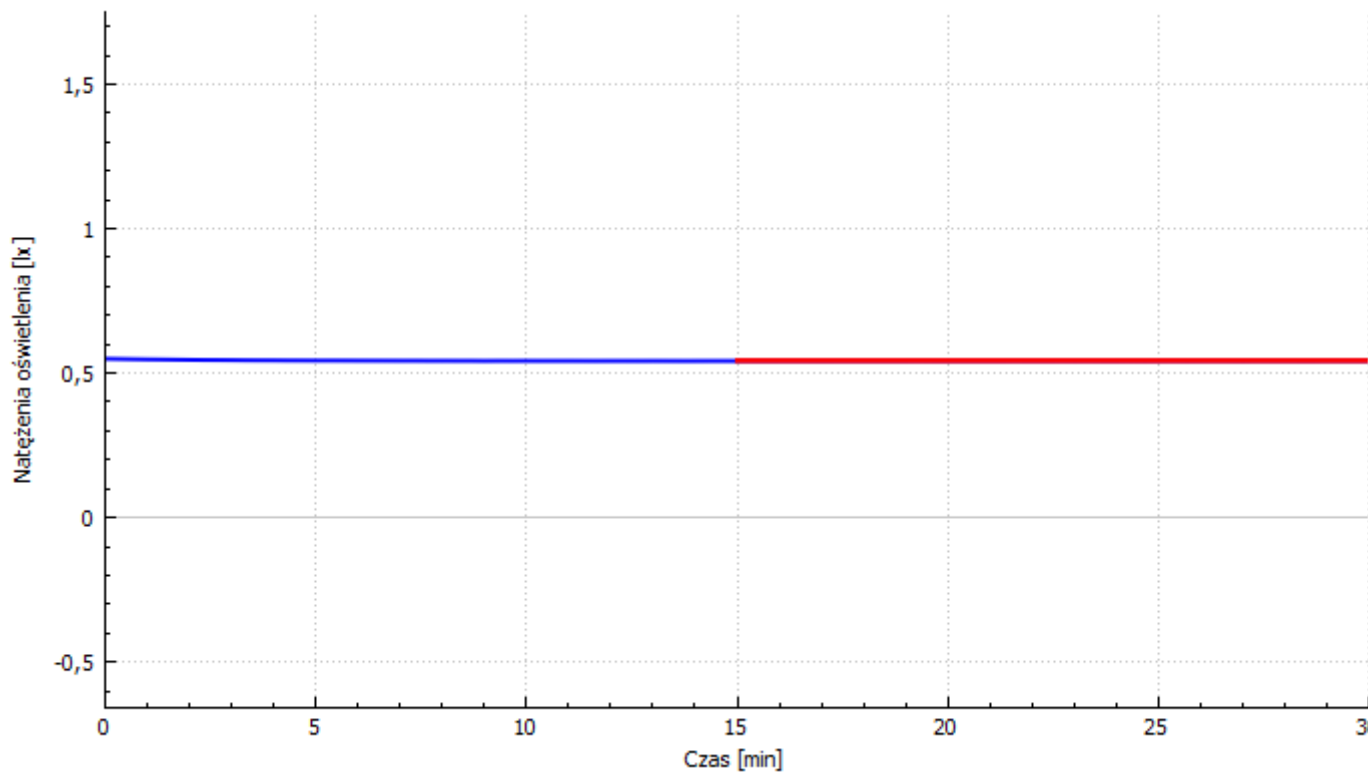
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3D Chart

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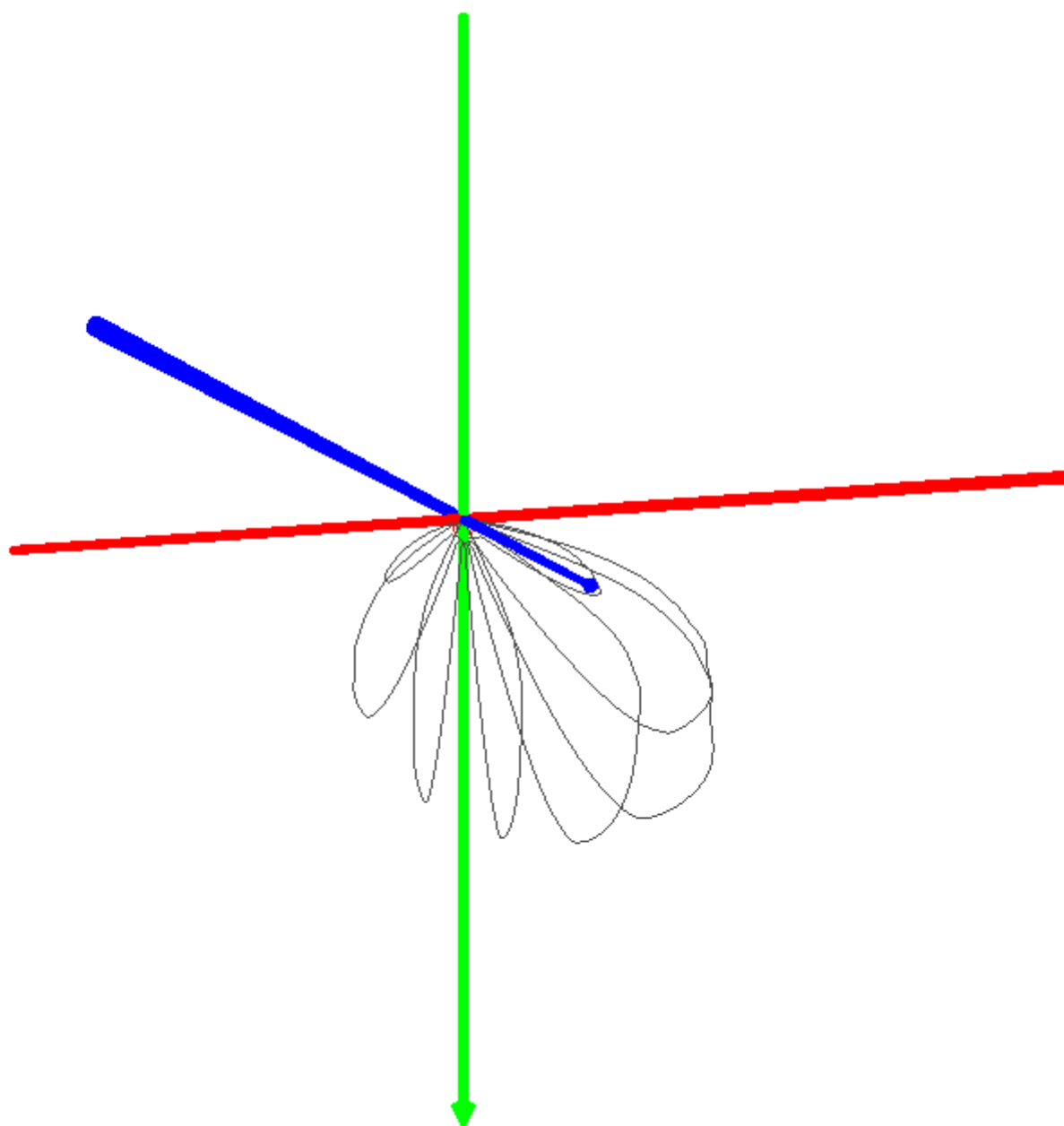
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

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U(%f)			I(%f)	P(%f)
0	0,0231	0	0	
1	100,000	100,000	100,000	
2	0,00487	0	0	
3	0,00685	95,161	0,00387	
4	0,00235	0	0	
5	0,00911	88,558	0,00482	
6	0	0	0	
7	0,00378	79,372	0,00248	
8	0,000958	0	0	
9	0,00613	68,396	0,00144	
10	0,000836	0	0	
11	0,00465	56,605	-0,0017	
12	0	0	0	
13	0,00596	45,095	0,00124	
14	0,000978	0	0	
15	0,00468	35,046	0,000333	
16	0	0	0	
17	0,00185	27,630	0,000328	
18	0	0	0	
19	0,00362	23,541	9,87e-05	
20	0	0	0	
21	0,00445	22,224	0,000438	

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22	0	0	0
23	0,00602	22,102	0,000338
24	0	0	0
25	0,00404	21,846	0,000381
26	0	0	0
27	0,00359	20,918	0,000154
28	0	0	0
29	0,00351	19,370	-2,63e-05
30	0	0	0
31	0,005	17,596	0,000142
32	0	0	0
33	0,00389	16,083	0,00014
34	0	0	0
35	0,00357	15,165	0,000153
36	0	0	0
37	0,00354	14,842	0,000114
38	0	0	0
39	0,00463	14,829	7,08e-05
40	0	0	0
41	0,00543	14,795	6,21e-05
42	0	0	0
43	0,00464	14,556	0,000139
44	0,000836	0,250	1,24e-06
45	0,00516	14,116	8,63e-05
46	0	0,325	0
47	0,00333	13,613	-3,19e-05
48	0	0,391	0
49	0,00599	13,224	7,9e-05
50	0,00107	0,430	5,25e-07

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