

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Eclipse Wall 10W 3000K*
Item No: *AZ6667*
Serial No.: *AZ6667*
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6667*
LuminaireName: *Eclipse Wall 6W*
LuminaireNumber: *AZ6667*
FileName: *AZ6667.ldt*
Date: *2025-07-15*

Dimensions of luminaire

Length: *200 mm*
Width: *0 mm*
Height: *50 mm*

Dimensions of luminous area

Length: *200 mm*
Width: *0 mm*
C0-plane *0 mm*
C90-plane *0 mm*
C180-plane *0 mm*
C270-plane *0 mm*

Lamps:

GL Optic R&D Center Sp. z o.o.
ul. Poznańska 70
PL-62-040 Puszczykowo; Poland
Tel.: +48 61 819 40 03

Raiffeisen Bank Polska S.A.
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

Number of lamps: -1
Type of lamps: LED
Total luminous flux: 232,44 lm
Color temperatur: 2906 K
Color rendering index: 92,31
Wattage including ballast: 9,83 W

Utilization factors:

k = 0.60	0,076
k = 0.80	0,112
k = 1.00	0,148
k = 1.25	0,191
k = 1.50	0,229
k = 2.00	0,298
k = 2.50	0,351
k = 3.00	0,397
k = 4.00	0,469
k = 5.00	0,524

Electrical parameters

<i>U</i>	= 229,678 V
<i>I</i>	= 0,074 A
<i>P</i>	= 9,826 W
<i>Power factor</i>	= 0,574

<i>Power apparent</i>	= 17,106 VA
<i>Power Reactive</i>	= -14,003 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 120,305 %

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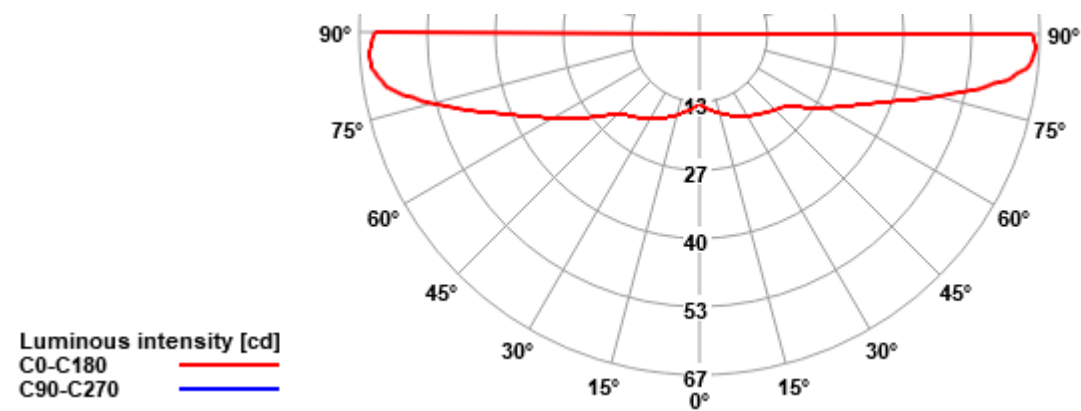
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	232,44 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	71,67 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	23,65 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4426
y	0,4039
Angular Colour Uniformity	0,0064

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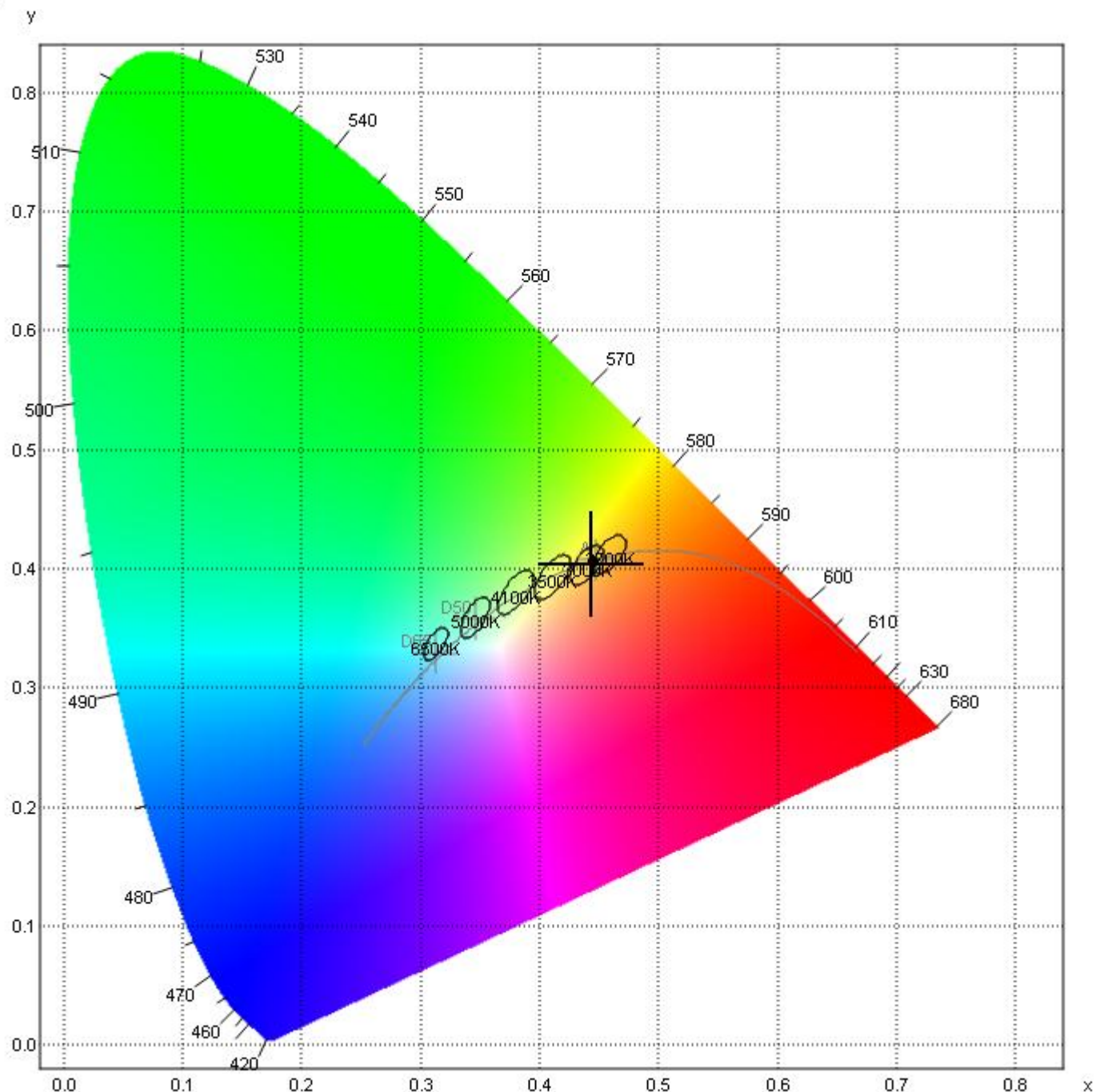
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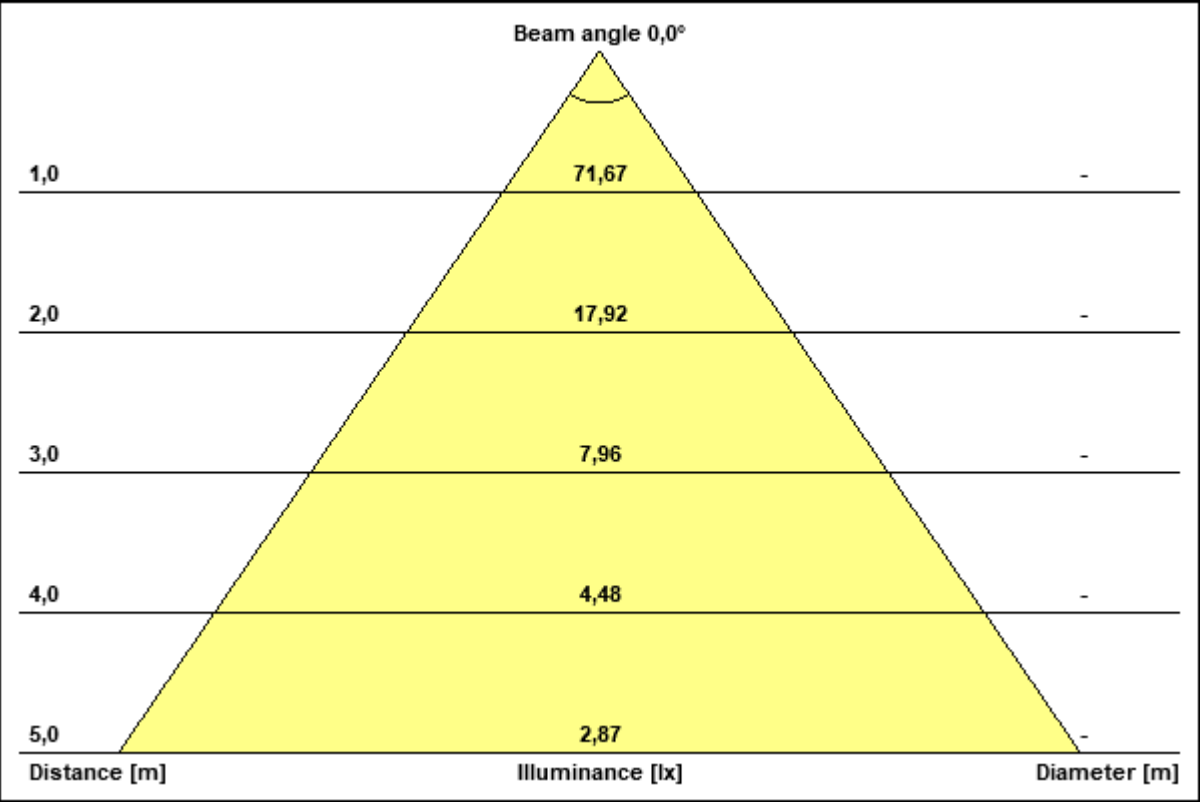
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Beam cone



Stabilization

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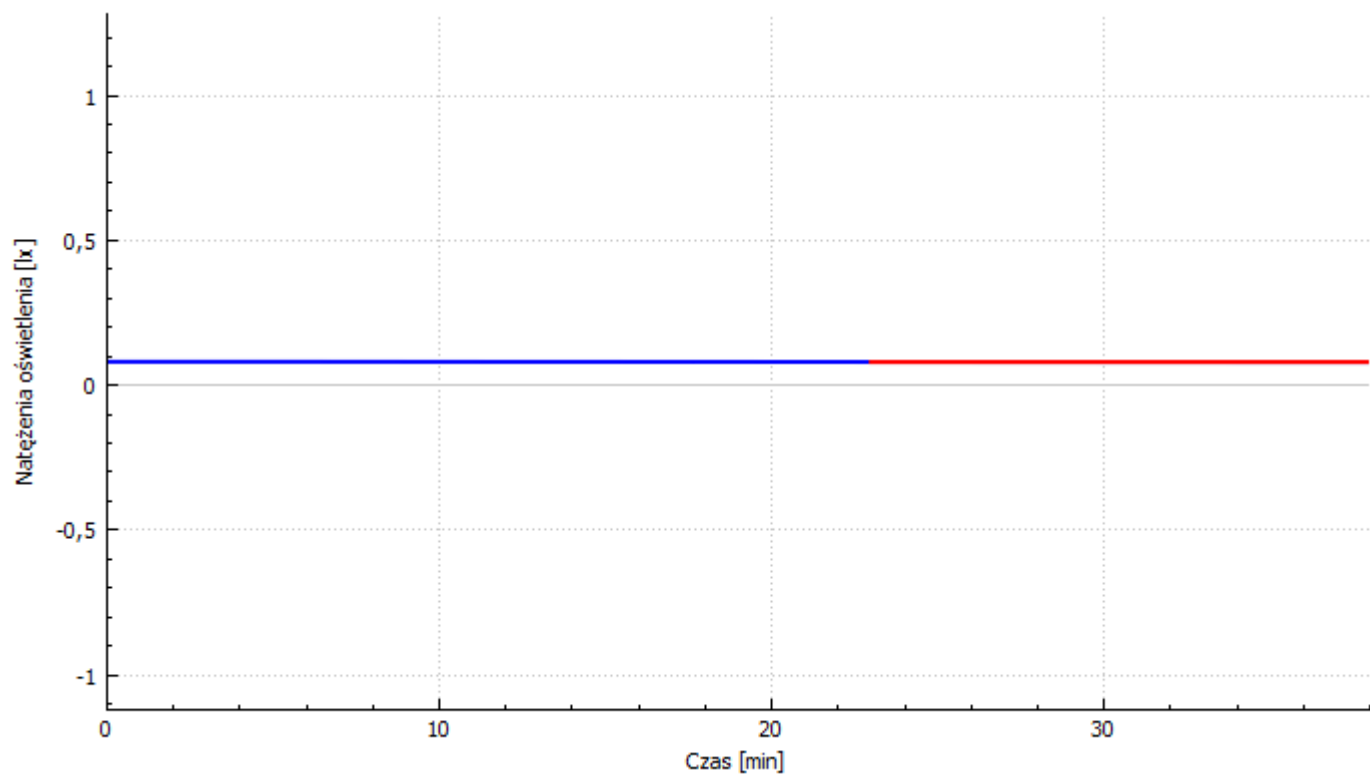
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3D Chart

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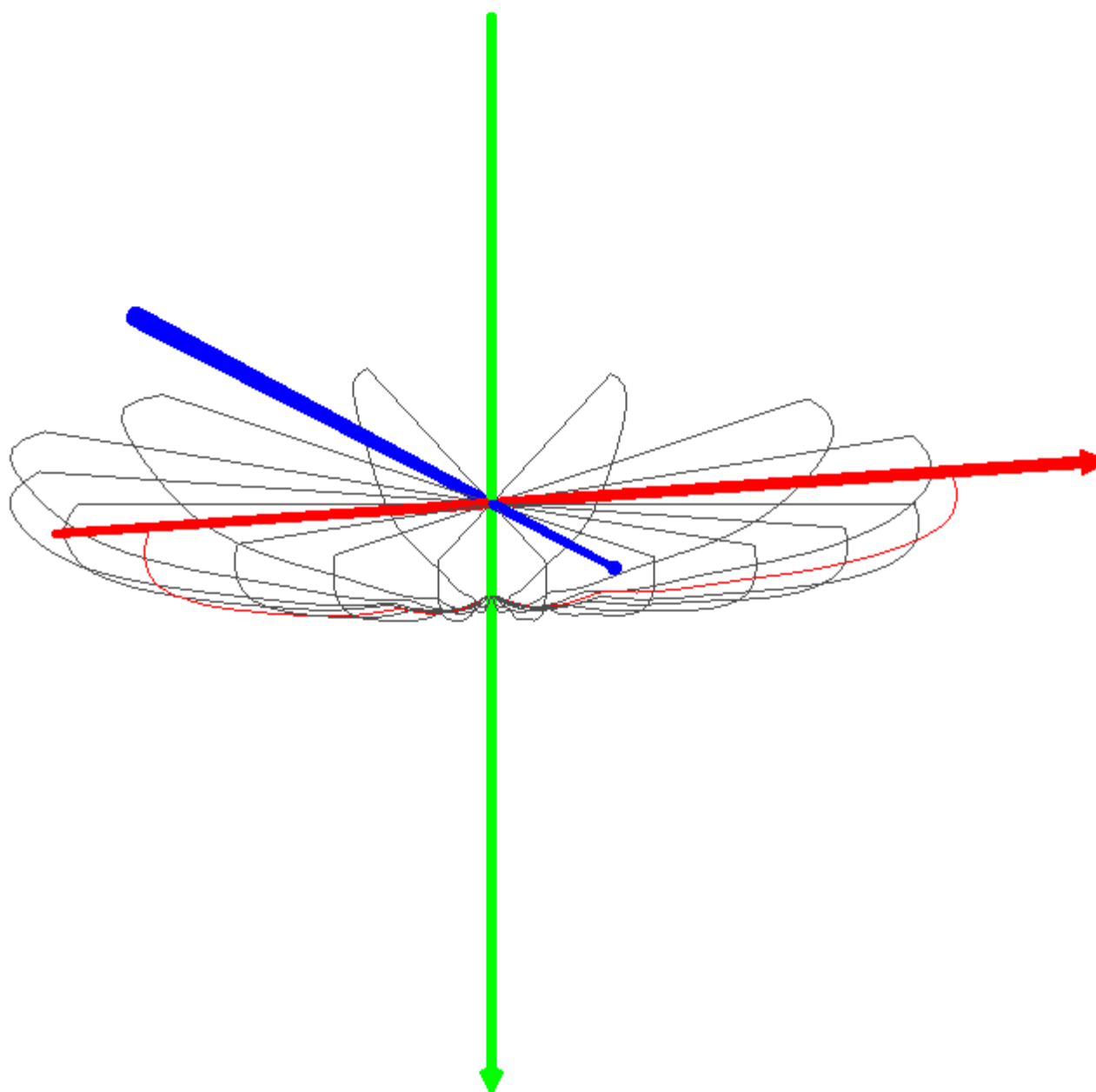
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00552	0	0
1	100,000	100,000	100,000
2	0,00449	0	0
3	0,0127	84,234	0,00625
4	0,00299	0	0
5	0,0129	59,327	0,0036
6	0	0	0
7	0,00983	34,861	0,00201
8	0	0	0
9	0,00605	22,163	0,000544
10	0	0	0
11	0,0106	21,095	0,00108
12	0	0	0
13	0,00665	19,144	0,000737
14	0,00128	0	0
15	0,00771	14,847	0,000335
16	0	0	0
17	0,00549	12,616	0,000296
18	0	0	0
19	0,00729	12,470	9,35e-05
20	0	0	0

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21	0,0081	11,329	0,00017
22	0	0	0
23	0,00577	9,551	-0,000112
24	0	0	0
25	0,00706	8,902	8,94e-05
26	0	0	0
27	0,0069	8,769	8,63e-05
28	0	0	0
29	0,00654	7,939	8,48e-05
30	0	0	0
31	0,00703	7,126	0,000137
32	0	0	0
33	0,00711	6,983	5,92e-05
34	0	0	0
35	0,00715	6,827	0,000122
36	0	0	0
37	0,00728	6,276	5,47e-05
38	0	0,0591	0
39	0,00636	5,846	3,69e-05
40	0	0,0671	0
41	0,00619	5,719	2,87e-05
42	0	0,0619	0
43	0,0067	5,496	3,78e-05
44	0	0,0682	0
45	0,00629	5,150	2,01e-06
46	0,000835	0,0729	0
47	0,00735	4,960	-4,52e-05
48	0,000838	0,0819	0
49	0,00897	4,855	8,98e-05
50	0	0,0933	0

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