

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Eclipse Wall 14W 3000K*
Item No: *AZ6668*
Serial No.: *AZ6668*
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6668*
LuminaireName: *Eclipse Wall 14W*
LuminaireNumber: *AZ6668*
FileName: *AZ6668.ldt*
Date: *2025-07-15*

Dimensions of luminaire

Length: *285 mm*
Width: *0 mm*
Height: *60 mm*

Dimensions of luminous area

Length: *285 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: 291,37 lm
Color temperatur: 2867 K
Color rendering index: 92,16
Wattage including ballast: 13,56 W

Utilization factors:

k = 0.60	0,095
k = 0.80	0,136
k = 1.00	0,176
k = 1.25	0,219
k = 1.50	0,258
k = 2.00	0,326
k = 2.50	0,376
k = 3.00	0,420
k = 4.00	0,488
k = 5.00	0,539

Electrical parameters

U = 229,678 V
I = 0,101 A
P = 13,558 W
Power factor = 0,584

Power apparent = 23,223 VA
Power Reactive = -14,663 var
Frequency Voltage = 50,002 Hz
THD = 114,201 %

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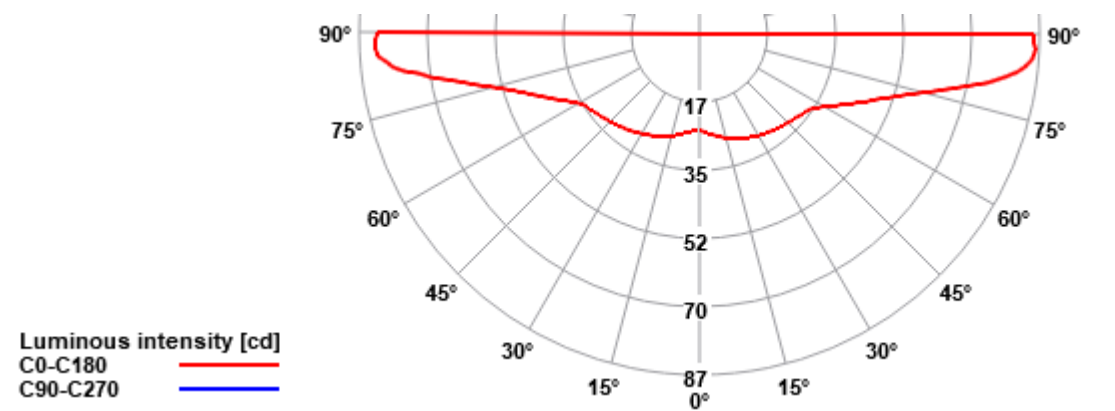
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	291,37 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	93,04 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	21,49 lm/W

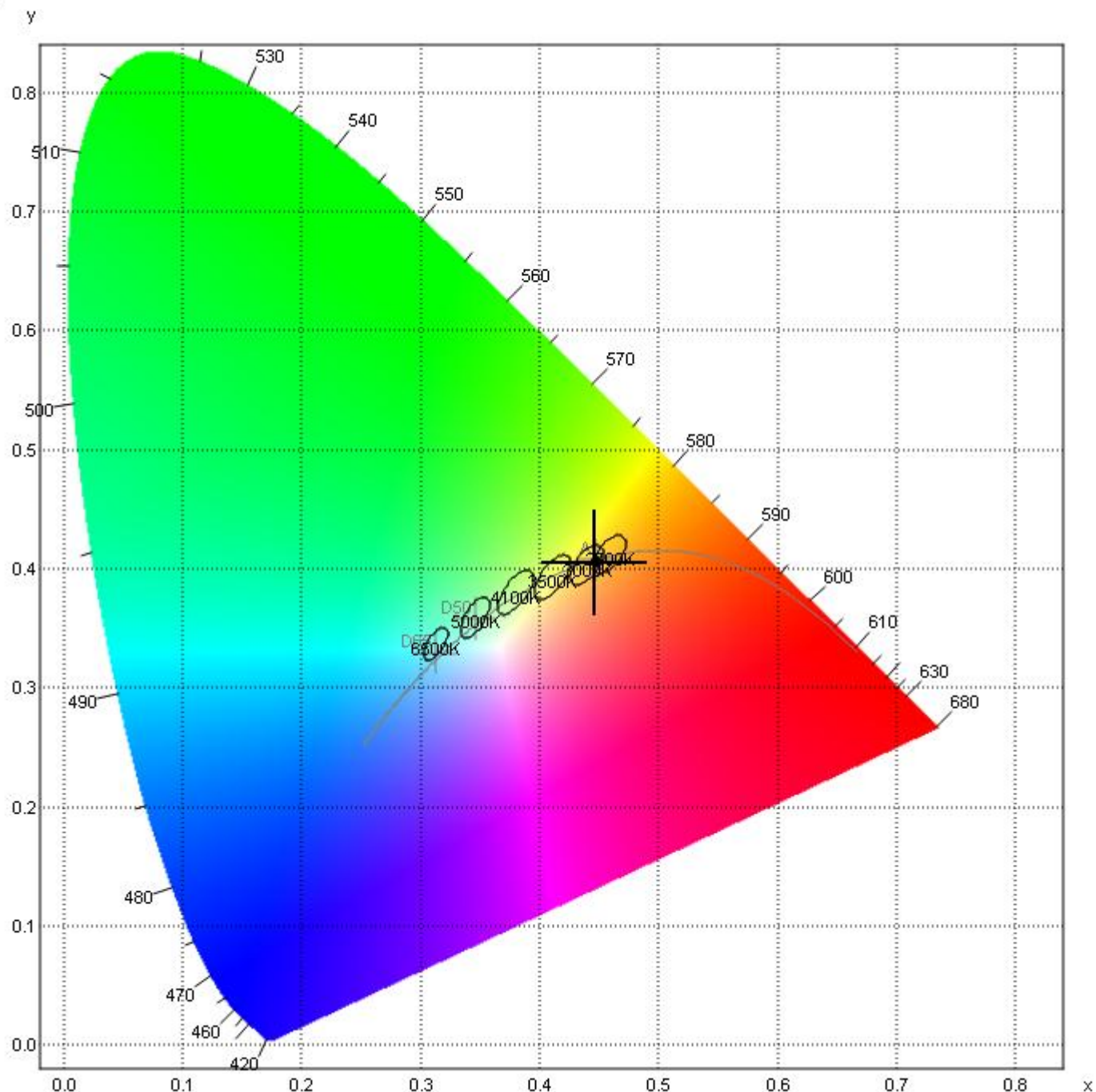
Light intensity distribution diagram



CIE 1931 diagram

x	0,4458
y	0,4055
Angular Colour Uniformity	0,0070

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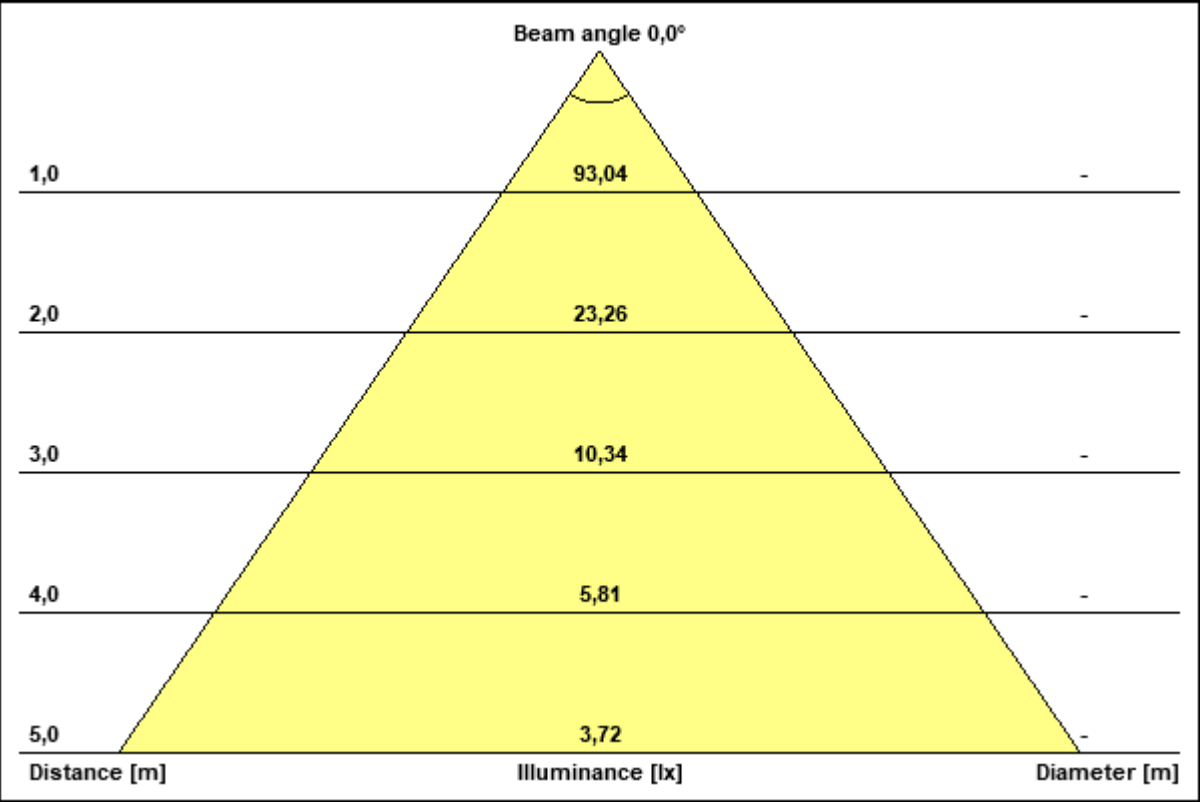
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Beam cone



Stabilization

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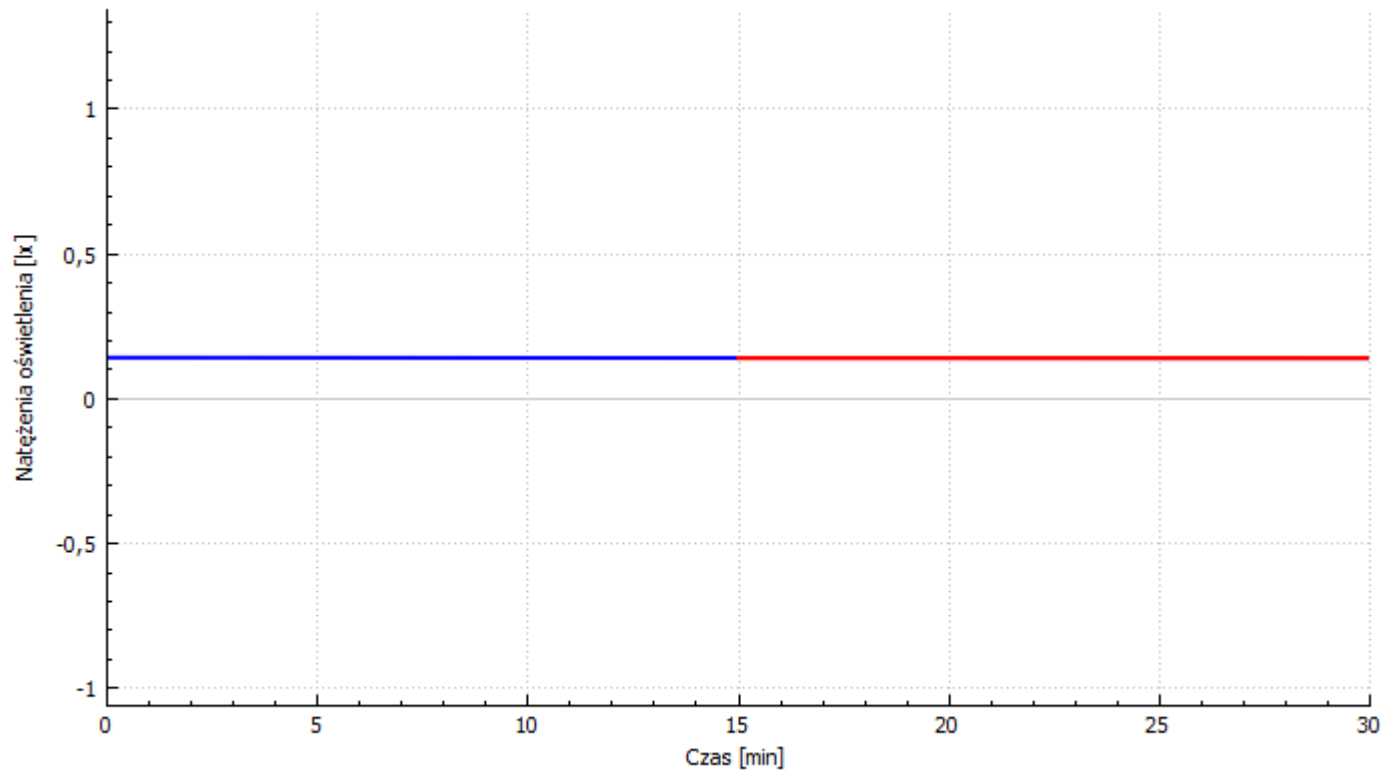
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3D Chart

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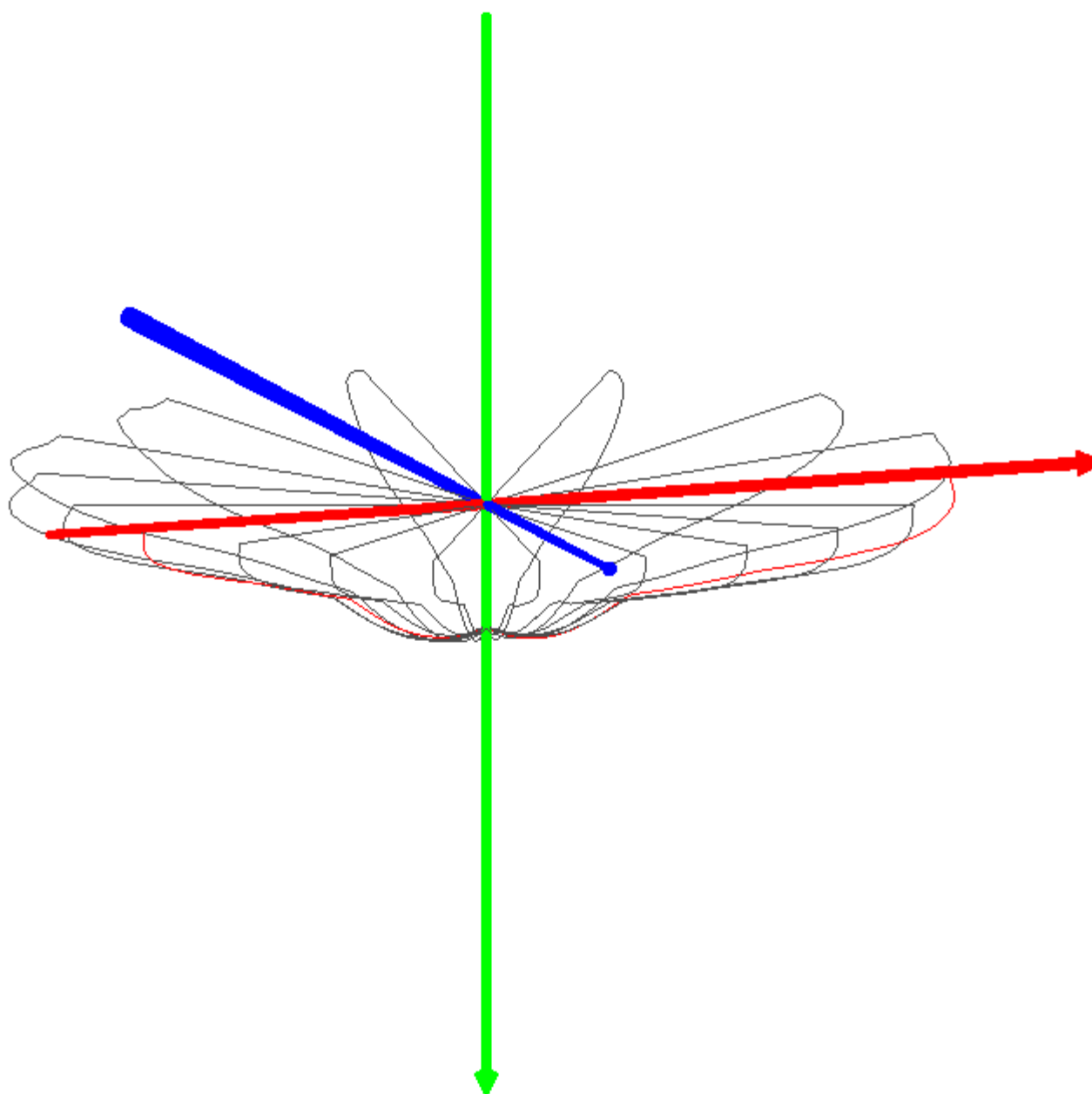
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00401	0	0
1	100,000	100,000	100,000
2	0,0115	0	0
3	0,01	82,100	0,00857
4	0,0042	0	0
5	0,0165	54,609	0,00366
6	0,00296	0	0
7	0,0146	30,171	0,00176
8	0,00273	0	0
9	0,0088	21,393	0,000903
10	0,00117	0	0
11	0,0121	20,927	0,000765
12	0,00117	0	0
13	0,00995	17,241	0,000986
14	0,00197	0	0
15	0,0102	13,329	0,000336
16	0,00161	0	0
17	0,0092	12,693	0,000514
18	0	0	0
19	0,0089	11,951	0,000117
20	0,00114	0	0

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21	0,01	10,011	1,52e-05
22	0,00141	0	0
23	0,00691	9,081	0,000151
24	0	0	0
25	0,00882	8,951	0,000138
26	0	0	0
27	0,00904	8,164	9,93e-05
28	0,00102	0	0
29	0,00959	7,343	0,000124
30	0	0	0
31	0,0111	7,194	9,68e-05
32	0	0	0
33	0,00908	6,872	8,74e-05
34	0	0	0
35	0,0098	6,232	0,0001
36	0,00111	0	4,45e-07
37	0,00942	5,941	4,26e-05
38	0	0	4,71e-07
39	0,0103	5,835	5,74e-05
40	0	0	0
41	0,00971	5,499	0,000172
42	0	0	0
43	0,00907	5,223	5,14e-05
44	0,00151	0	4,05e-08
45	0,0103	5,148	0,000101
46	0,00105	0	8,14e-07
47	0,0096	4,951	9,3e-05
48	0,000911	0	0
49	0,00875	4,620	-4,19e-05
50	0	0	0

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