

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Babil 10W CCT Switch*

Item No: *AZ5662_WW*

Serial No.: *AZ5662_WW*

Made by: *A. Nawrot*

Eulumat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6552_CW*

LuminaireName: *AZ6552_CW*

LuminaireNumber: *AZ6552_CW*

FileName: *AZ6552_CW.Idt*

Date: *2025-07-14*

Dimensions of luminaire

Length: *70 mm*

Width: *0 mm*

Height: *80 mm*

Dimensions of luminous area

Length: *55 mm*

Width: *0 mm*

C0-plane *0 mm*

C90-plane *0 mm*

C180-plane *0 mm*

C270-plane *0 mm*

Lamps:

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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: 879,65 lm
Color temperatur: 4102 K
Color rendering index: 93,62
Wattage including ballast: 10,15 W

Utilization factors:

k = 0.60	0,717
k = 0.80	0,760
k = 1.00	0,809
k = 1.25	0,845
k = 1.50	0,872
k = 2.00	0,923
k = 2.50	0,931
k = 3.00	0,944
k = 4.00	0,964
k = 5.00	0,978

Electrical parameters

<i>U</i>	= 229,694 V
<i>I</i>	= 0,077 A
<i>P</i>	= 10,155 W
<i>Power factor</i>	= 0,576

<i>Power apparent</i>	= 17,618 VA
<i>Power Reactive</i>	= -11,198 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 118,742 %

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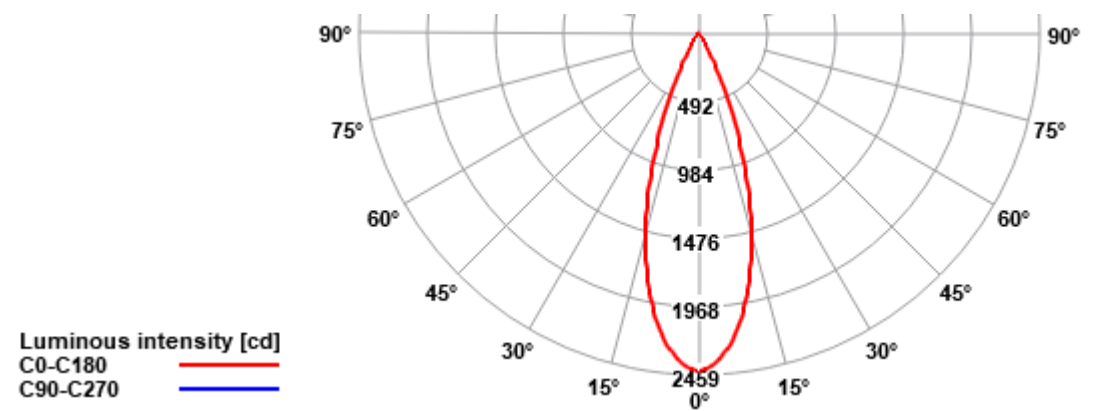
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	879,65 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	2435,03 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	86,67 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3772
y	0,3782
Angular Colour Uniformity	0,0119

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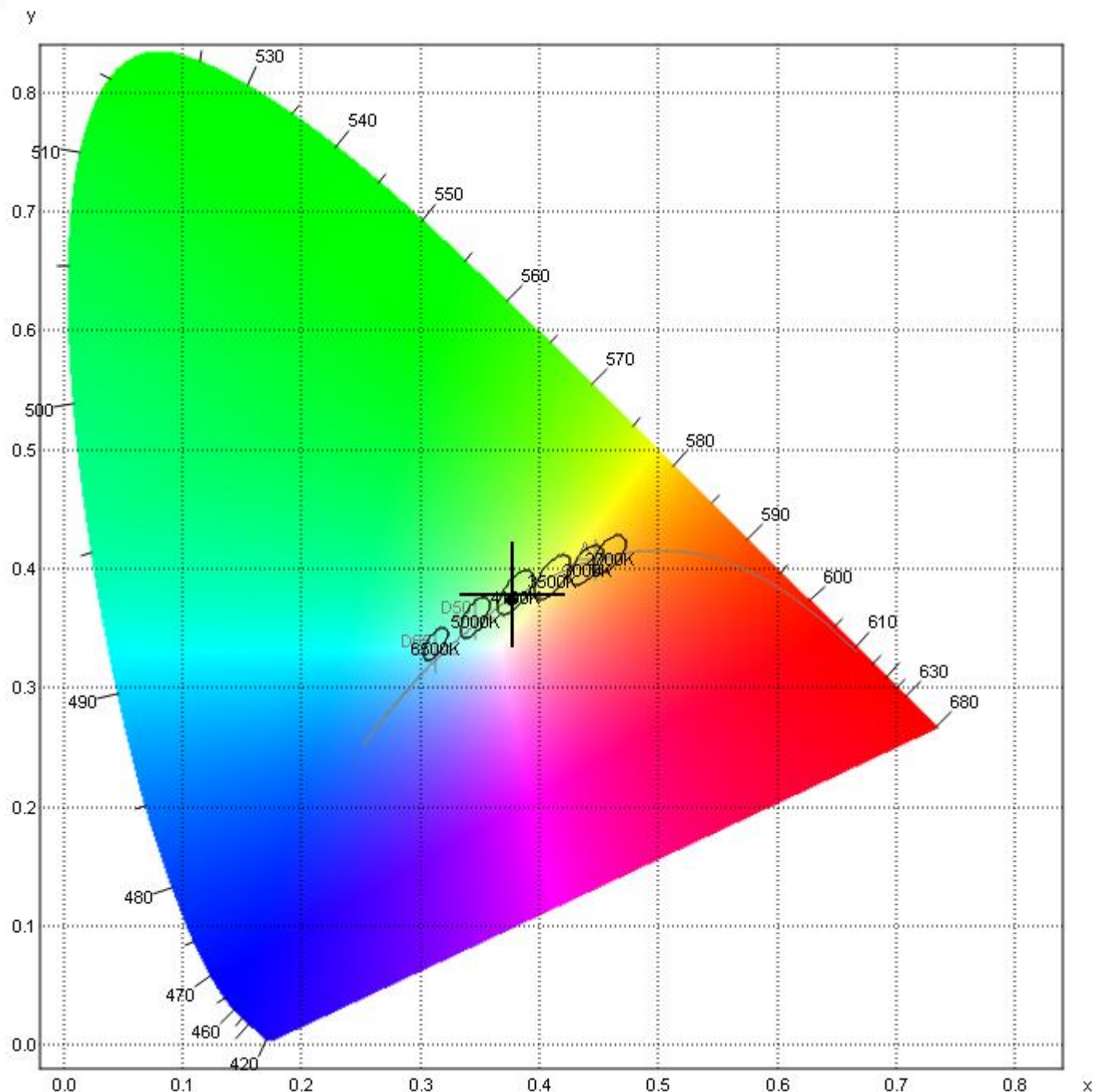
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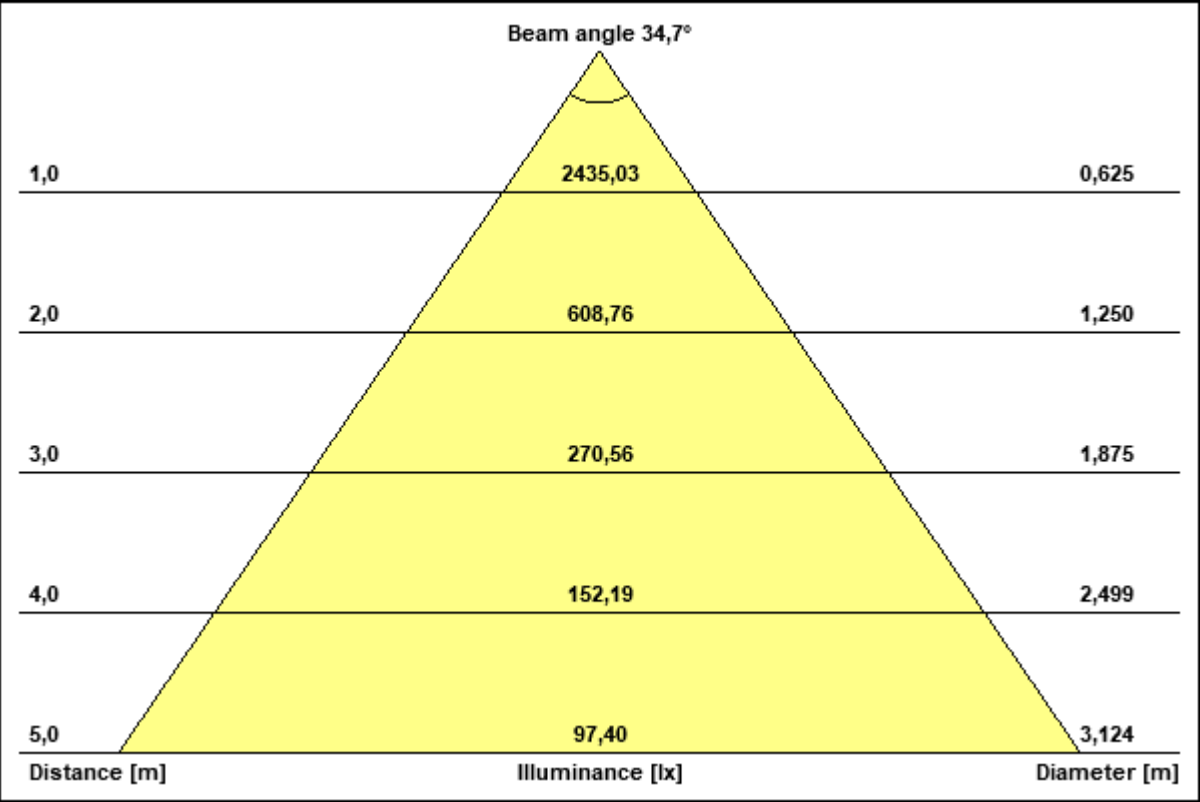
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Beam cone



Stabilization

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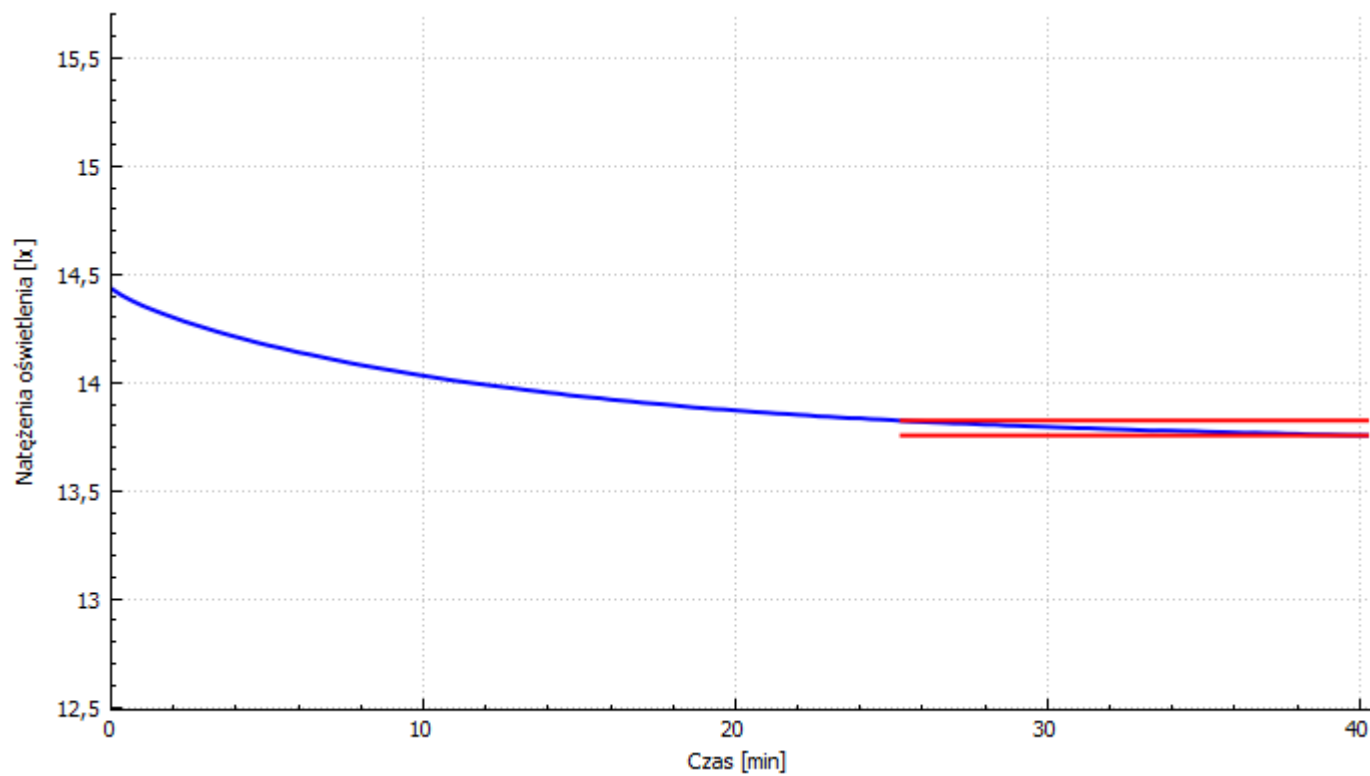
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3D Chart

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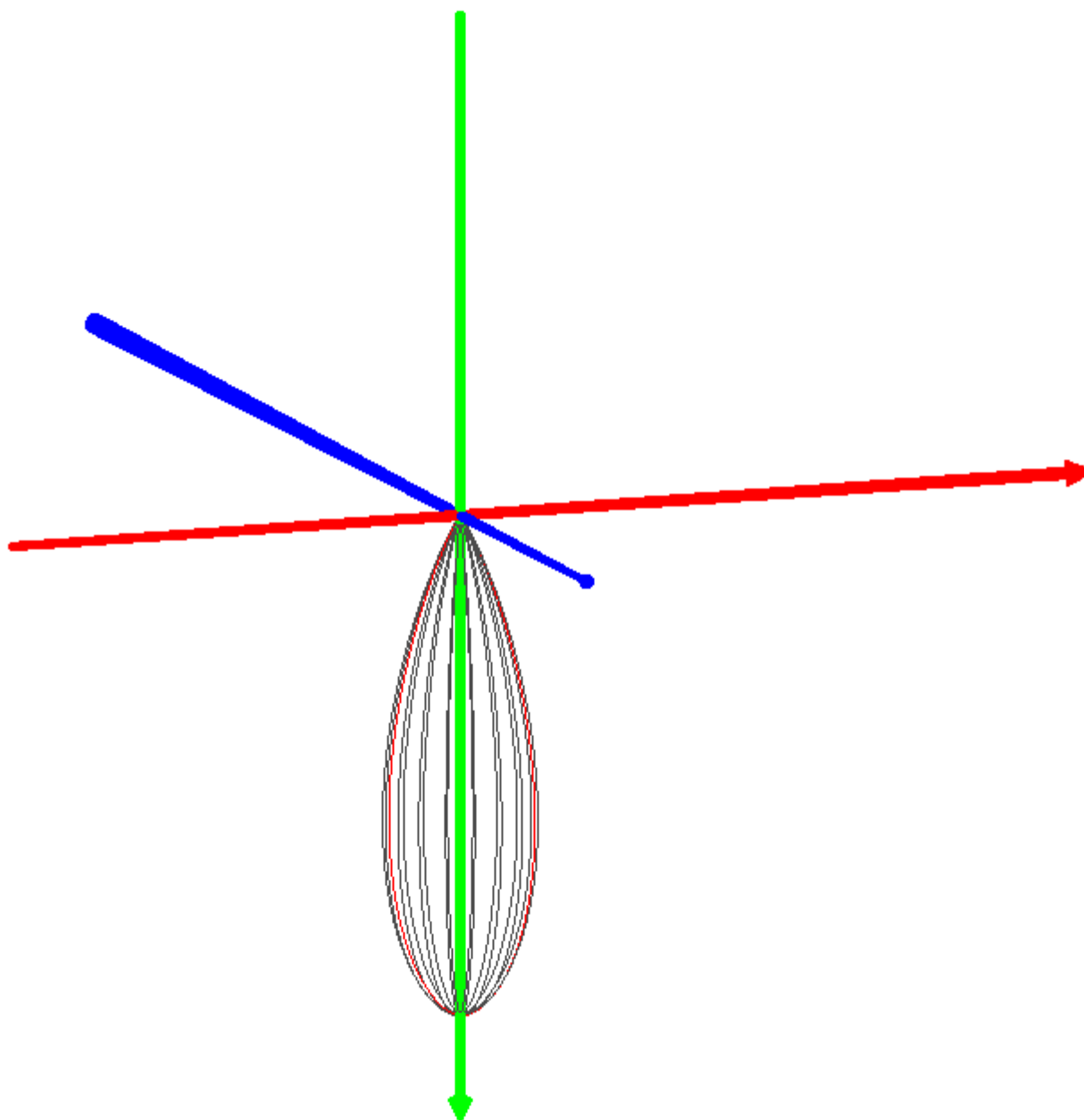
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,0466	0	0
1	100,000	100,000	100,000
2	0,00964	0	0
3	0,00965	83,687	0,00846
4	0,003	0	0
5	0,0145	58,087	0,00343
6	0,0026	0	0
7	0,0125	33,542	0,00182
8	0,00224	0	0
9	0,006	21,893	0,000887
10	0,00167	0	0
11	0,0106	21,186	0,00116
12	0,00111	0	0
13	0,00767	18,755	0,000743
14	0,00197	0	0
15	0,00772	14,412	0,000311
16	0,0011	0	0
17	0,00514	12,679	0,000416
18	0	0	0
19	0,00717	12,495	0,000107
20	0,00103	0	0

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21	0,00952	11,041	9,44e-05
22	0,000946	0	0
23	0,00556	9,382	-6,76e-05
24	0	0	0
25	0,00684	8,999	1,87e-05
26	0	0,0521	0
27	0,00732	8,691	6,66e-05
28	0	0	0
29	0,00726	7,756	7,08e-05
30	0	0	0
31	0,00735	7,174	0,000228
32	0	0	0
33	0,00742	7,136	5,78e-05
34	0	0,0456	0
35	0,00812	6,771	0,000129
36	0,000864	0,0452	4,71e-07
37	0,00763	6,127	4,08e-05
38	0	0,0475	0
39	0,0066	5,844	6,74e-05
40	0	0,0589	0
41	0,0064	5,758	5,61e-05
42	0	0,0594	-4,07e-08
43	0,00767	5,448	2,26e-05
44	0,00122	0,045	0
45	0,00632	5,133	7,74e-05
46	0	0,0434	0
47	0,00619	5,032	-4,02e-05
48	0	0,0581	0
49	0,0095	4,907	2,59e-05
50	0	0,0592	0

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