

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Babil 10W*

Item No: *AZ6552_WW*

Serial No.: *AZ6552_WW*

Made by: *A. Nawrot*

Eulumat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6552_WW*

LuminaireName: *AZ6552_WW*

LuminaireNumber: *AZ6552_WW*

FileName: *AZ6552_WW.Idt*

Date: *2025-07-11*

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:

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: 794,20 lm
Color temperatur: 2941 K
Color rendering index: 92,94
Wattage including ballast: 10,12 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

U = 229,702 V
I = 0,077 A
P = 10,124 W
Power factor = 0,576

Power apparent = 17,575 VA
Power Reactive = -11,176 var
Frequency Voltage = 50,002 Hz
THD = 121,113 %

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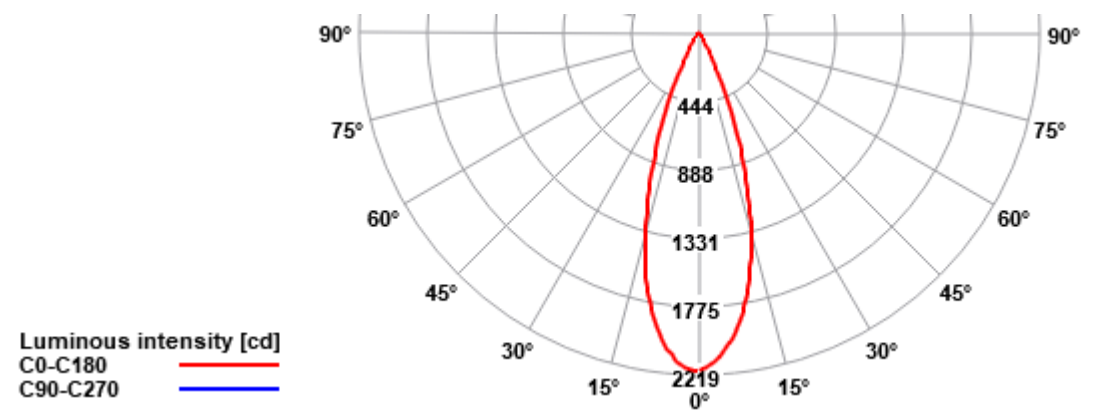
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	794,20 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	2202,46 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	78,48 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4399
y	0,4028
Angular Colour Uniformity	0,0075

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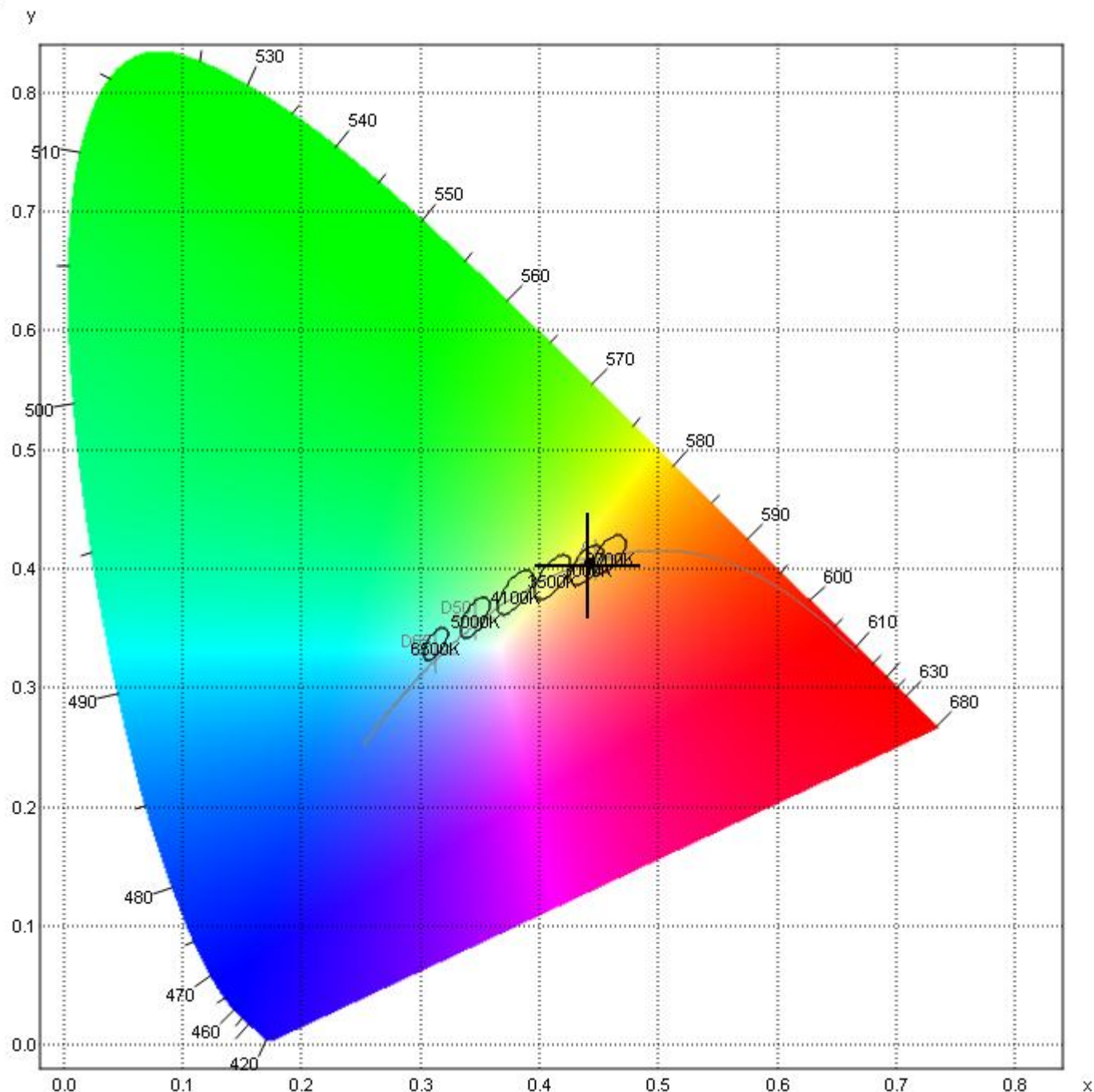
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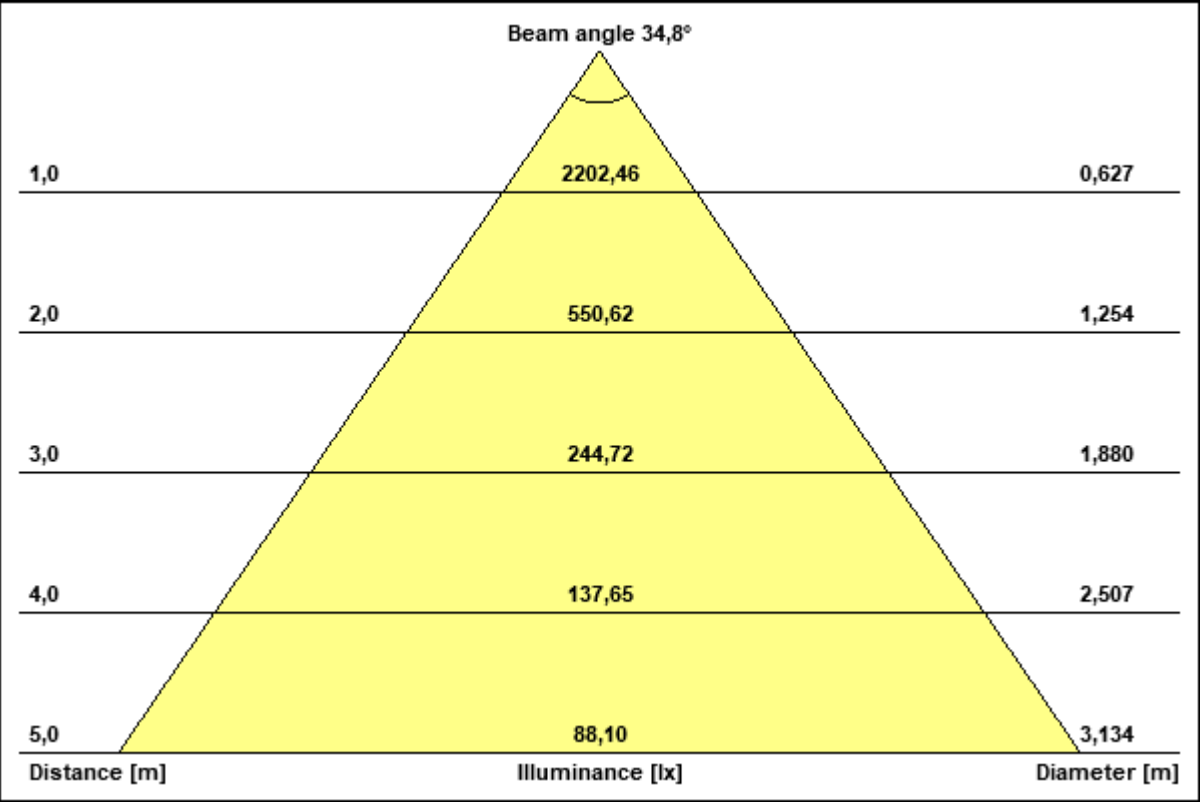
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Beam cone



Stabilization

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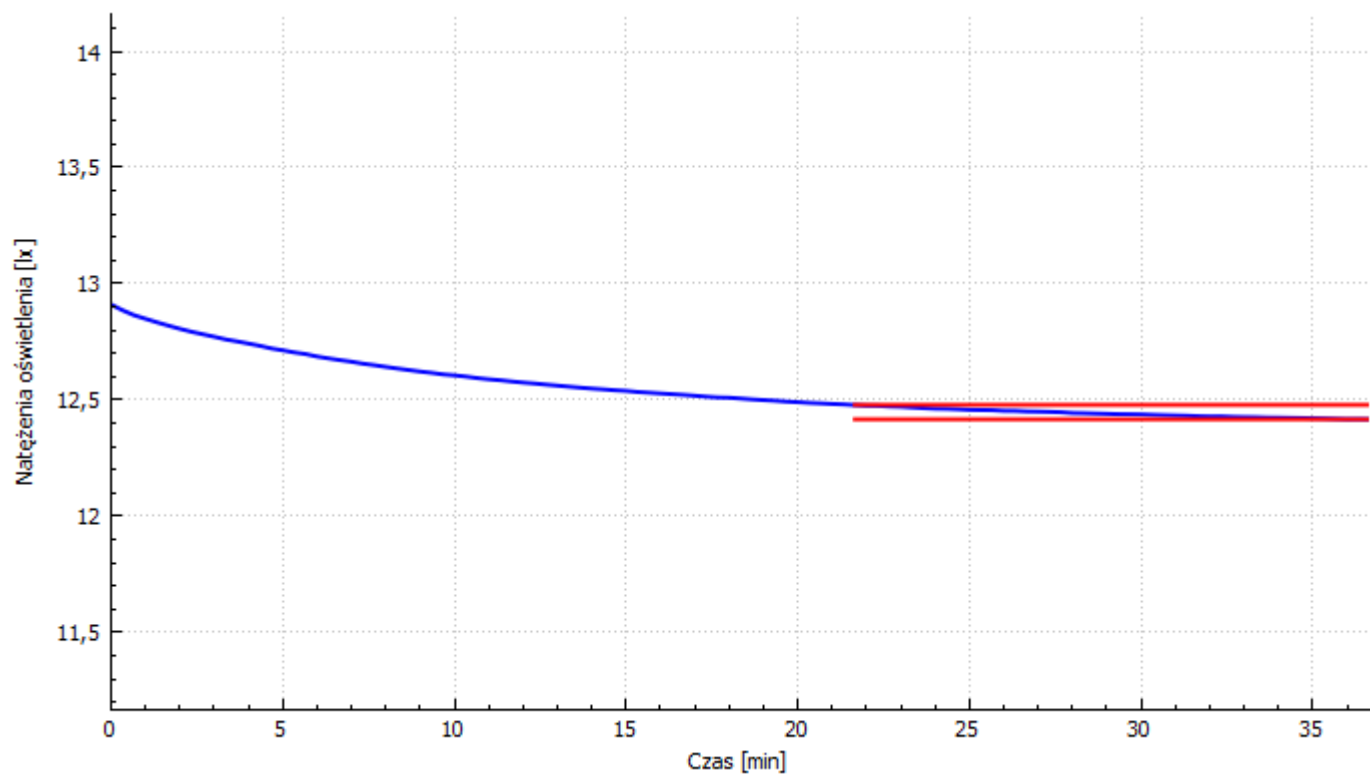
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3D Chart

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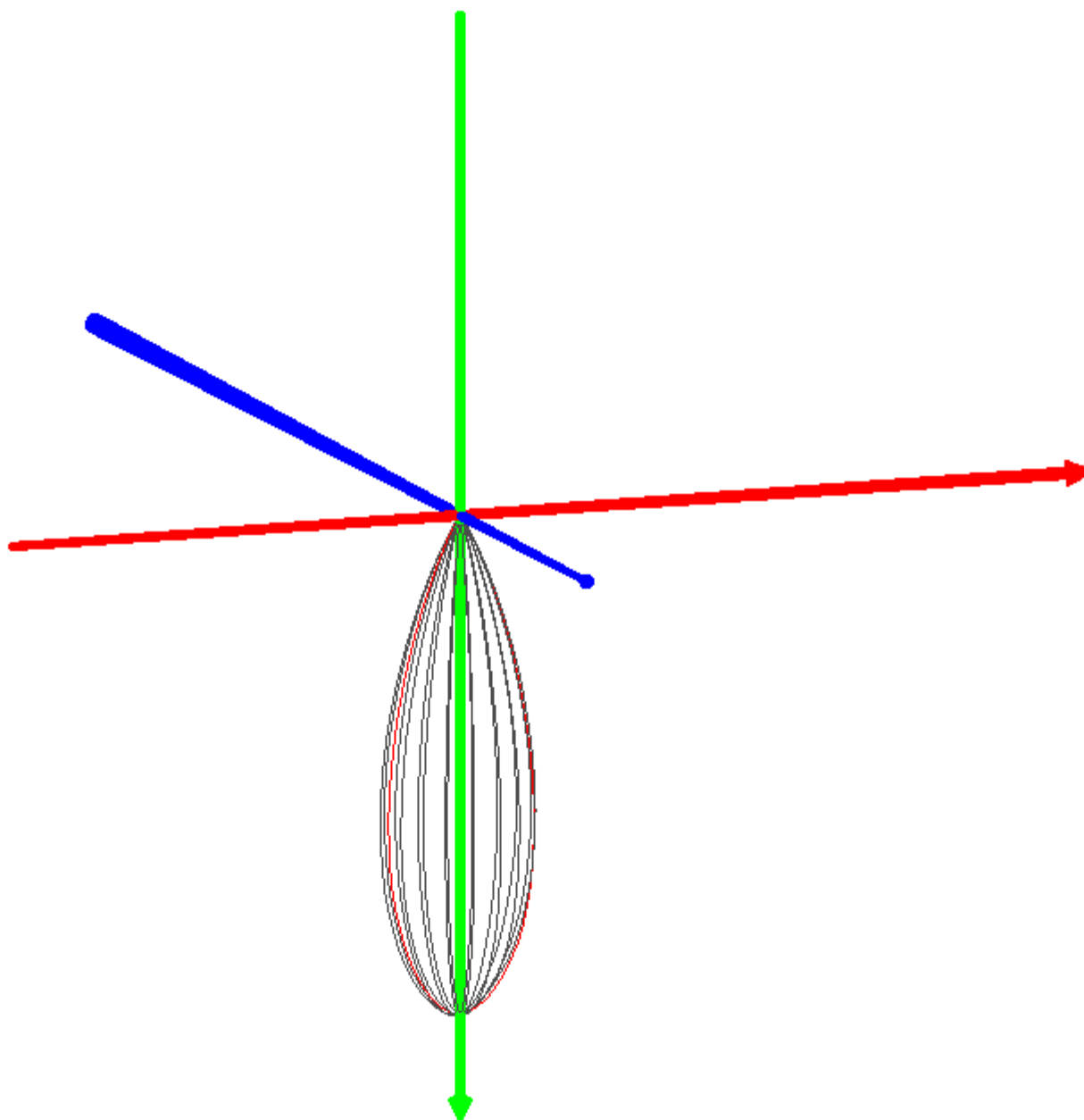
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00204	36,094	0
1	100,000	100,000	100,000
2	0,00717	46,862	0
3	0,00964	83,867	0,00763
4	0,00306	35,806	0
5	0,0134	58,419	0,0034
6	0,00188	22,600	0
7	0,0115	33,865	0,00193
8	0,00145	12,920	0
9	0,0056	22,027	0,000735
10	0	10,619	0
11	0,0104	21,293	0,001
12	0,00115	10,267	0
13	0,00741	18,952	0,000669
14	0,00128	8,339	0
15	0,00768	14,598	0,000343
16	0,00109	6,614	0
17	0,00492	12,781	0,000248
18	0	6,349	0
19	0,00786	12,626	0,000124
20	0,00107	6,018	0

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21	0,00943	11,209	0,000108
22	0,00114	5,119	0
23	0,00551	9,490	-8,62e-05
24	0	4,568	0
25	0,00659	9,079	-2,69e-07
26	0	4,488	0
27	0,00762	8,829	2,44e-05
28	0	4,166	0
29	0,00698	7,945	3,91e-05
30	0	3,746	0
31	0,00737	7,303	0,000148
32	0	3,621	0
33	0,00739	7,218	4,45e-05
34	0	3,551	0
35	0,00823	6,896	9,73e-05
36	0,00113	3,280	1,89e-07
37	0,00702	6,292	4e-05
38	0	3,047	0
39	0,00654	5,992	4,87e-05
40	0	2,972	0
41	0,00608	5,881	8,9e-05
42	0	2,843	0
43	0,00738	5,568	4,34e-05
44	0,00106	2,667	9,54e-07
45	0,00587	5,249	4,16e-05
46	0	2,603	0
47	0,00663	5,153	-7,46e-05
48	0	2,585	0
49	0,00953	5,050	2,75e-05
50	0,000879	2,475	0

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