

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Babil 15W CCT Switch*

Item No: *AZ5665_WW*

Serial No.: *AZ5665_WW*

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6555_WW*

LuminaireName: *AZ6555_WW*

LuminaireNumber: *AZ6555_WW*

FileName: *AZ6555_WW.Idt*

Date: *2025-07-14*

Dimensions of luminaire

Length: *80 mm*

Width: *0 mm*

Height: *90 mm*

Dimensions of luminous area

Length: *60 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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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

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Number of lamps: -1
Type of lamps: LED
Total luminous flux: 1126,69 lm
Color temperatur: 2977 K
Color rendering index: 94,03
Wattage including ballast: 13,89 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	0,965
k = 5.00	0,978

Electrical parameters

U = 229,686 V
 I = 0,104 A
 P = 13,888 W
Power factor = 0,582

Power apparent = 23,864 VA
Power Reactive = -10,781 var
Frequency Voltage = 50,002 Hz
THD = 115,194 %

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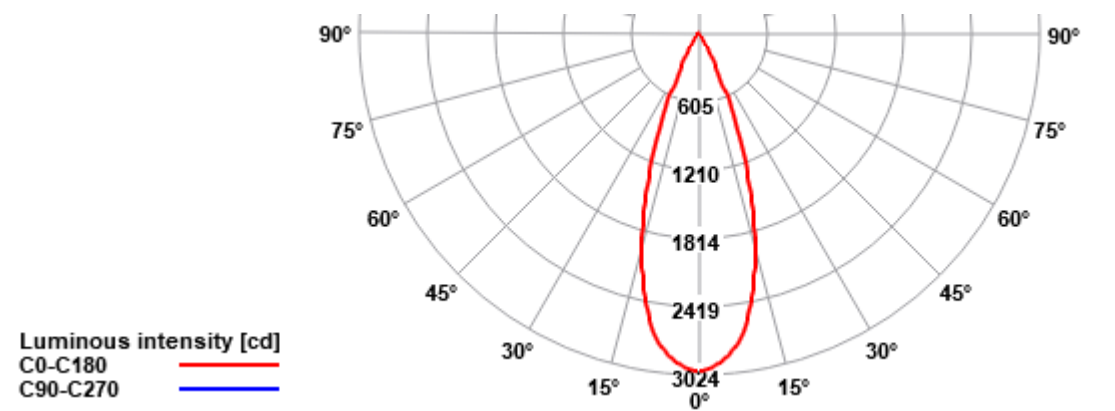
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1126,69 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	2993,92 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	81,12 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4350
y	0,3973
Angular Colour Uniformity	0,0061

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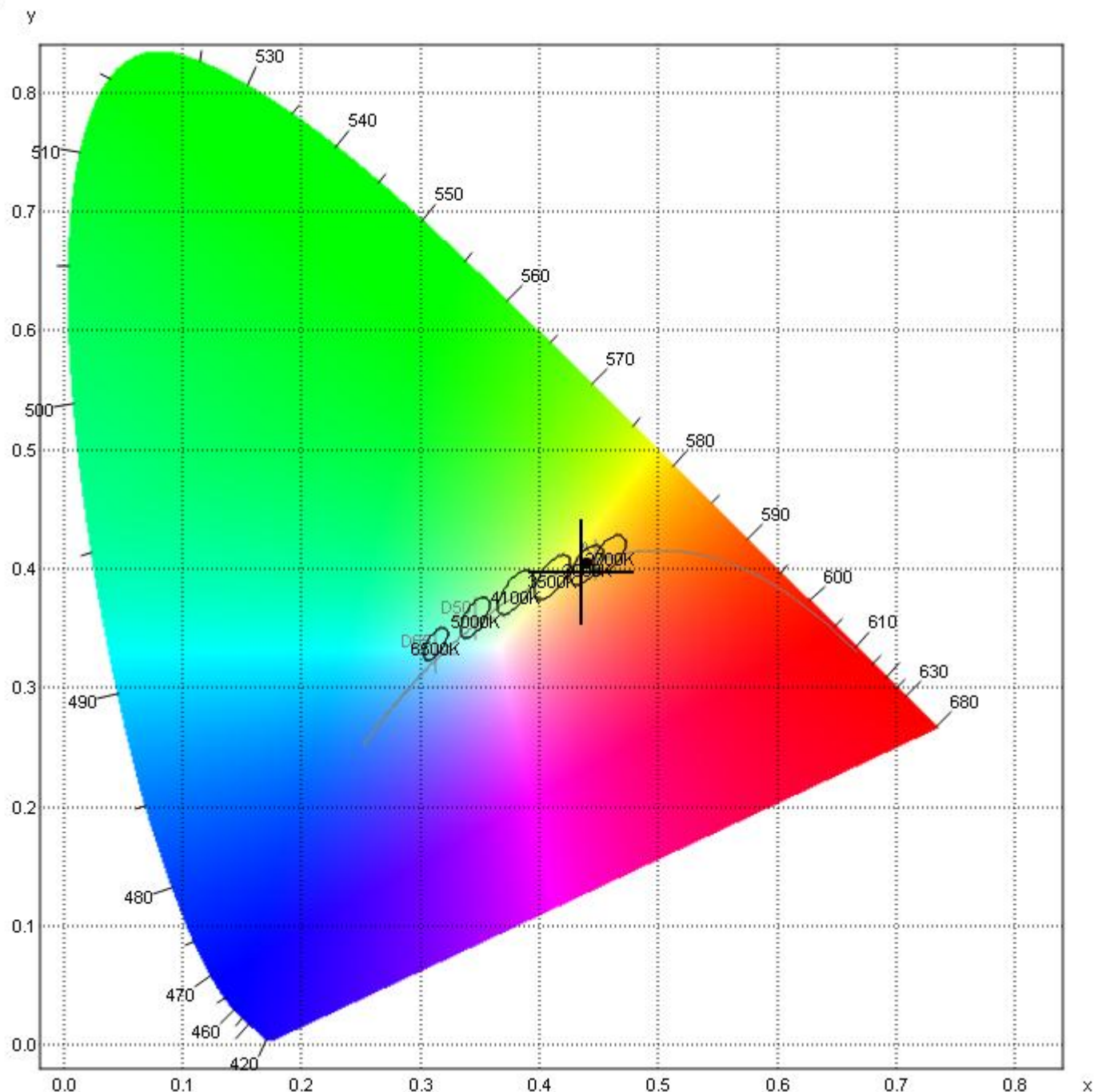
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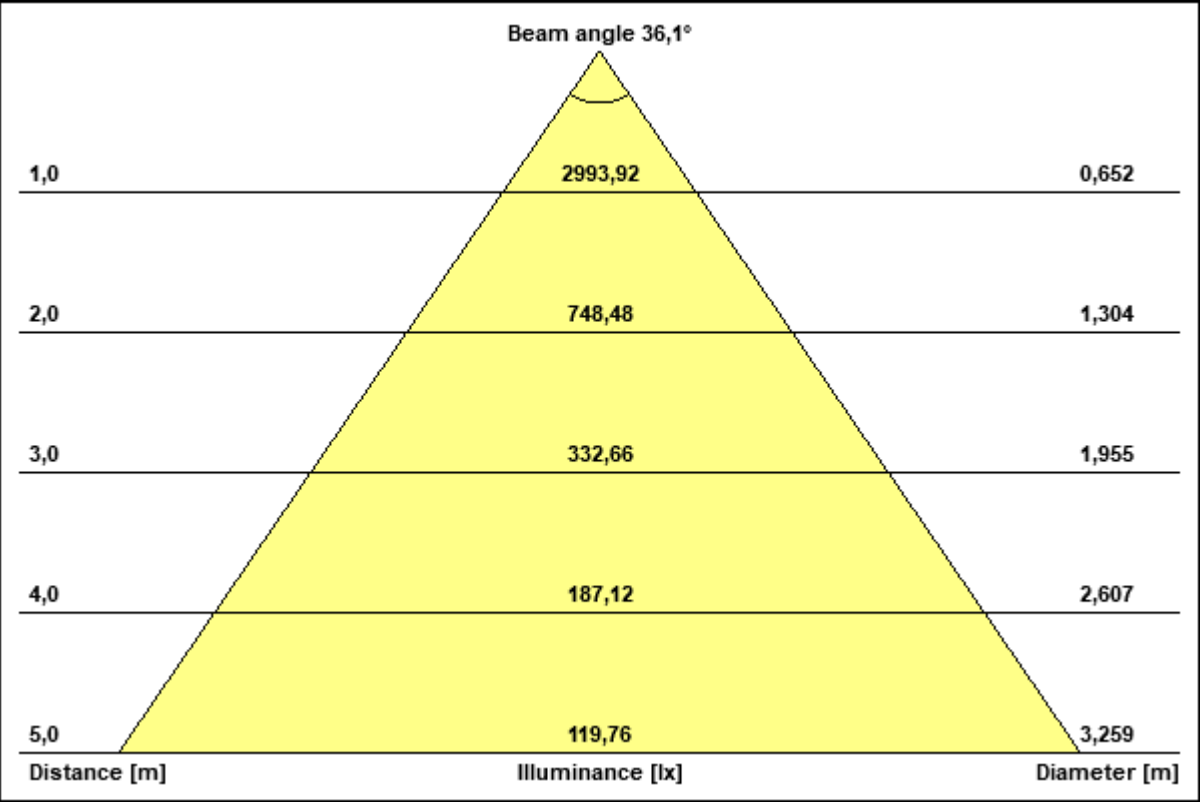
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Beam cone



Stabilization

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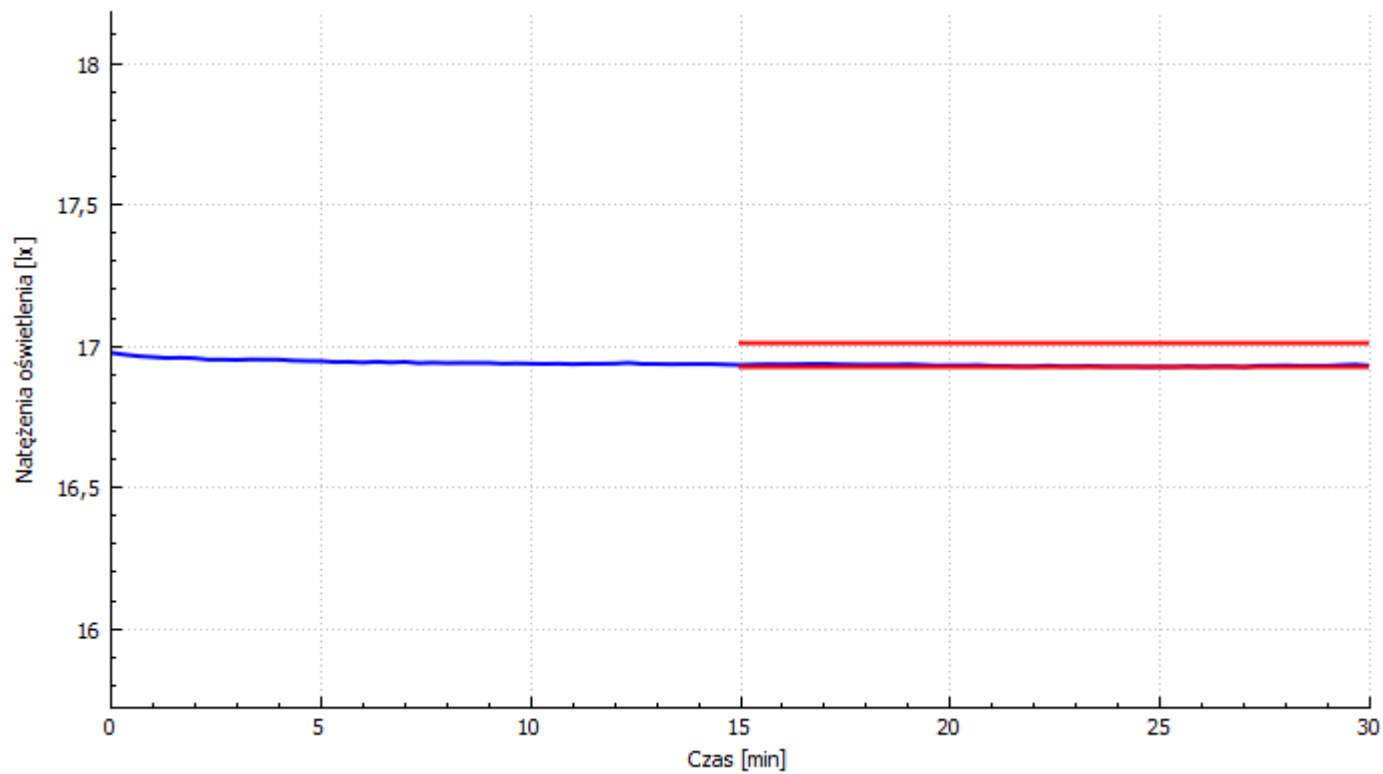
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3D Chart

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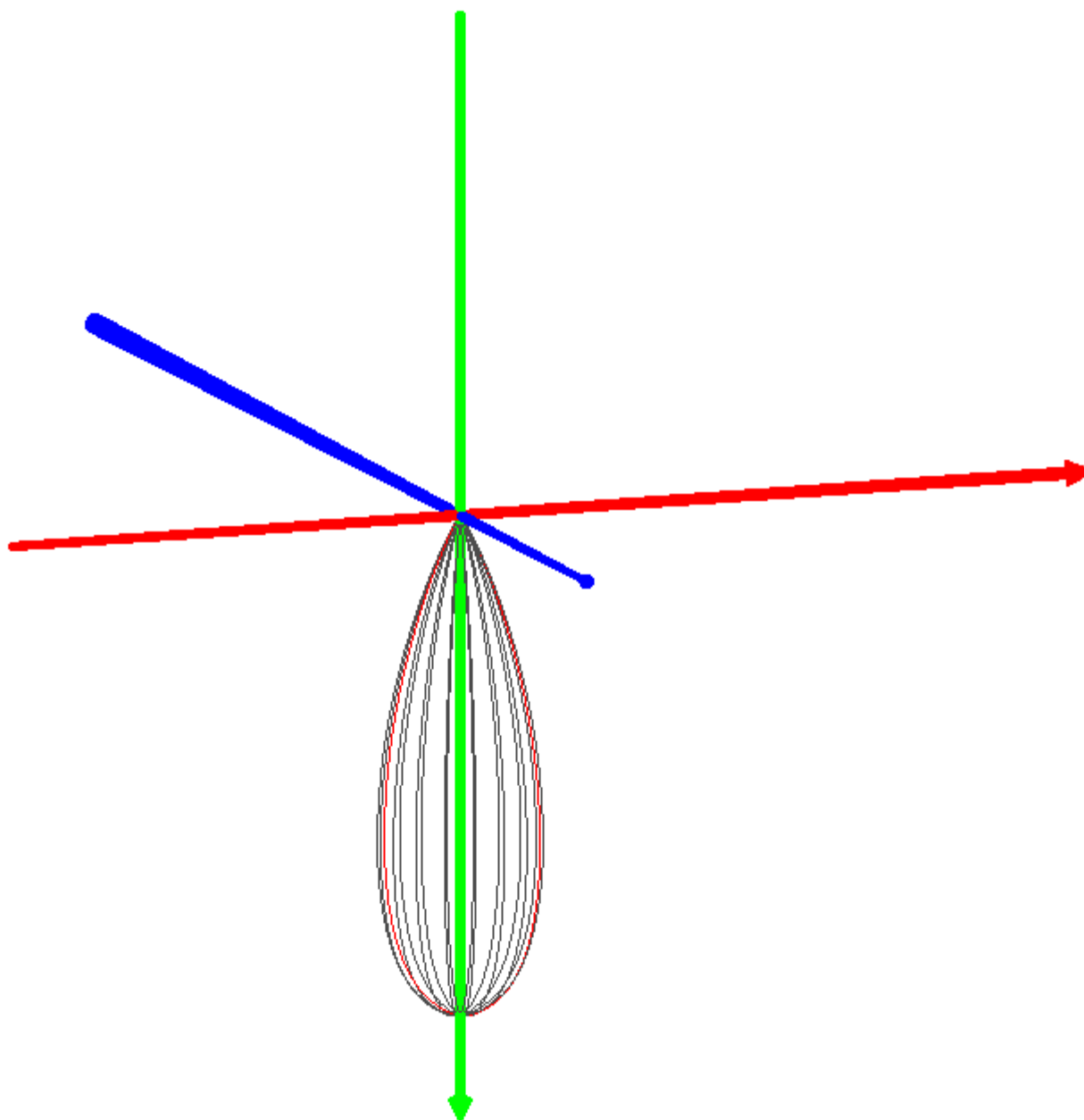
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0	0	0
1	100,000	100,000	100,000
2	0,00544	0	0
3	0,0143	82,424	0,0103
4	0,00213	0	0
5	0,016	55,273	0,00442
6	0,000939	0	0
7	0,0132	30,780	0,00201
8	0,00138	0	0
9	0,00853	21,516	0,000987
10	0	0	0
11	0,0141	21,088	0,000892
12	0	0	0
13	0,0101	17,604	0,000989
14	0,00117	0	0
15	0,00953	13,548	0,000285
16	0	0	0
17	0,00885	12,756	0,000491
18	0	0	0
19	0,00937	12,149	0,000219
20	0	0	0

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21	0,0106	10,250	5,27e-05
22	0,000898	0	0
23	0,00685	9,178	0,000119
24	0	0	0
25	0,00927	9,066	4,66e-05
26	0	0	0
27	0,01	8,347	9,33e-05
28	0,000922	0	0
29	0,00932	7,484	0,000142
30	0	0	0
31	0,012	7,308	0,000112
32	0,000858	0	0
33	0,0103	7,062	8,22e-05
34	0	0	0
35	0,0111	6,430	0,000107
36	0	0	0
37	0,00991	6,071	4,78e-05
38	0	0	0
39	0,0105	5,964	7,94e-05
40	0	0,0716	0
41	0,00993	5,627	0,000152
42	0	0,0741	0
43	0,00958	5,299	8,3e-05
44	0,00116	0	0
45	0,0107	5,233	8,88e-05
46	0	0	0
47	0,00927	5,082	3,48e-05
48	0	0,0895	0
49	0,00995	4,746	-7,84e-05
50	0	0,101	0

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