

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Babil 15W CCT Switch*

Item No: *AZ5665_CW*

Serial No.: *AZ5665_CW*

Made by: *A. Nawrot*

Eulumat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6555_CW*

LuminaireName: *AZ6555_CW*

LuminaireNumber: *AZ6555_CW*

FileName: *AZ6555_CW.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

Kapitał 200.000PLN

Number of lamps: -1
Type of lamps: LED
Total luminous flux: 1297,09 lm
Color temperatur: 4039 K
Color rendering index: 91,41
Wattage including ballast: 13,89 W

Utilization factors:

k = 0.60	0,716
k = 0.80	0,760
k = 1.00	0,808
k = 1.25	0,844
k = 1.50	0,871
k = 2.00	0,922
k = 2.50	0,931
k = 3.00	0,944
k = 4.00	0,964
k = 5.00	0,978

Electrical parameters

U = 229,717 V
 I = 0,104 A
 P = 13,890 W
Power factor = 0,581

Power apparent = 23,907 VA
Power Reactive = -15,134 var
Frequency Voltage = 50,002 Hz
THD = 115,384 %

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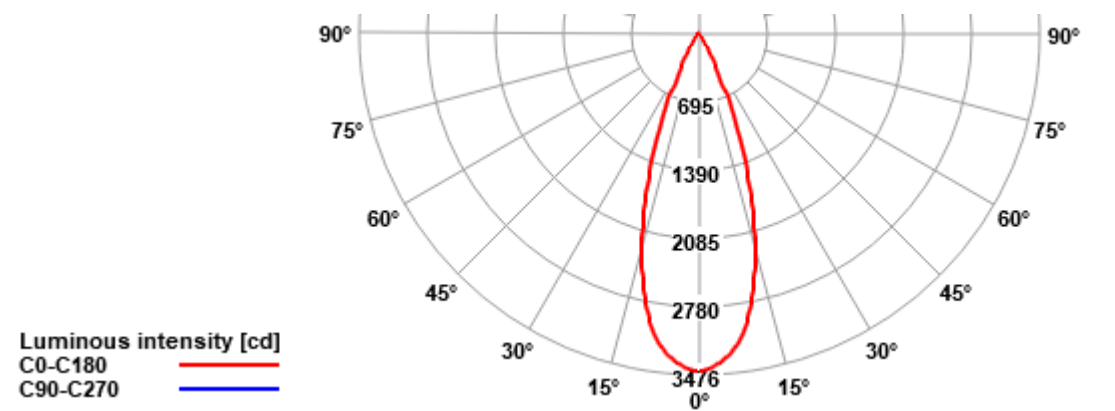
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1297,09 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	3441,12 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	93,38 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3805
y	0,3824
Angular Colour Uniformity	0,0088

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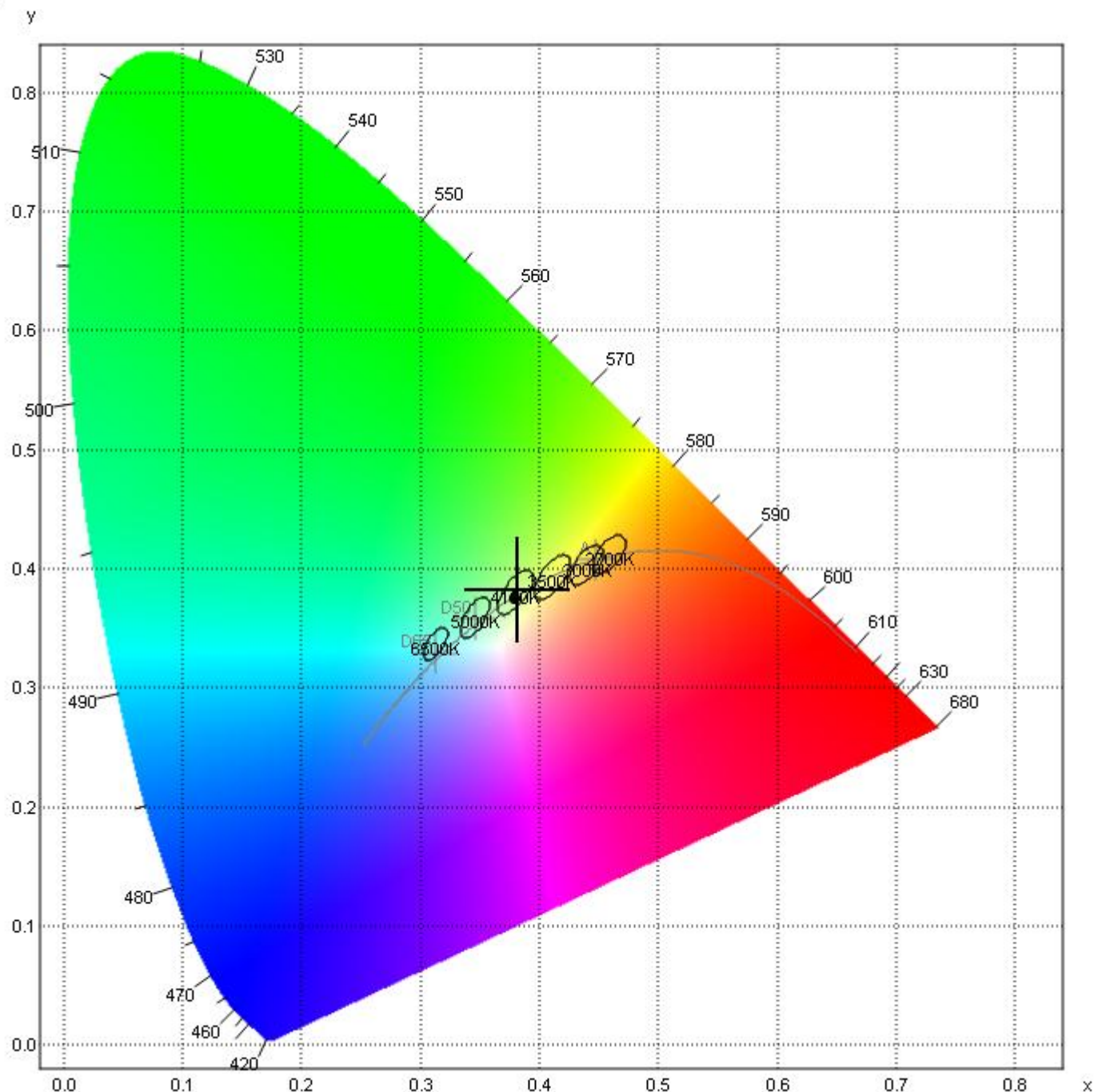
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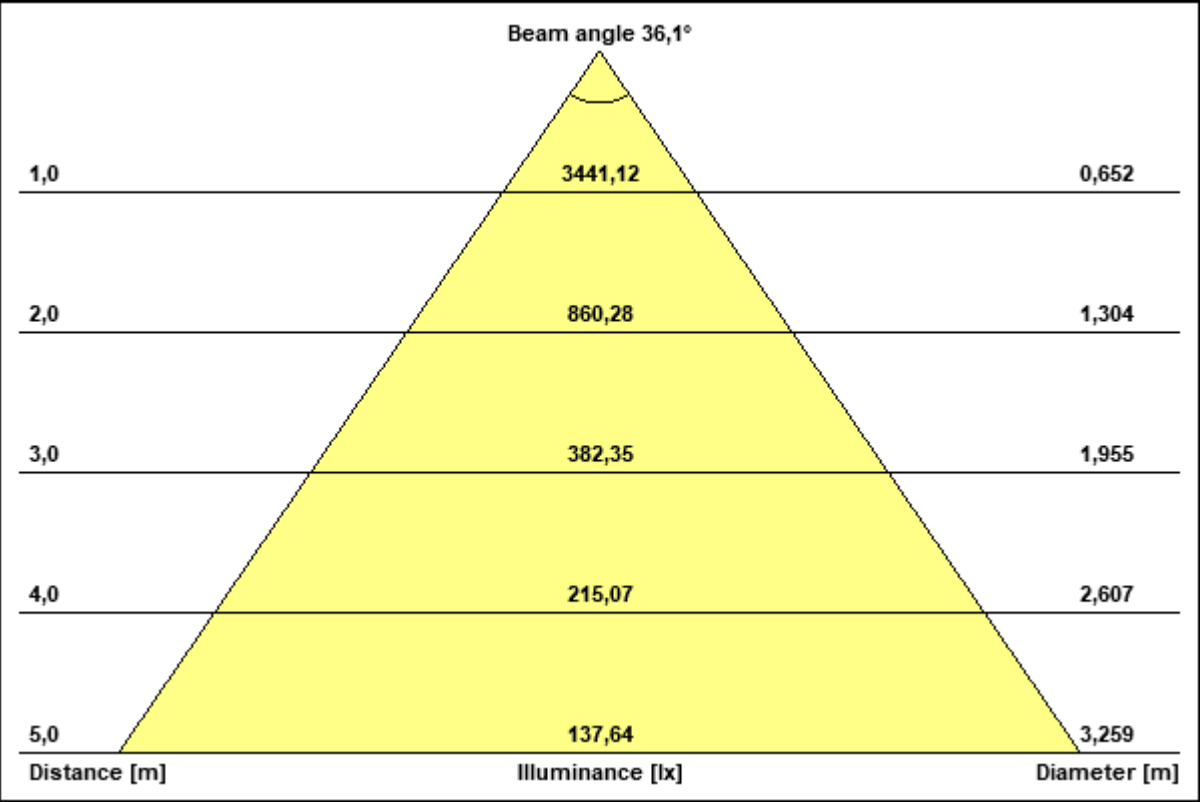
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Beam cone



Stabilization

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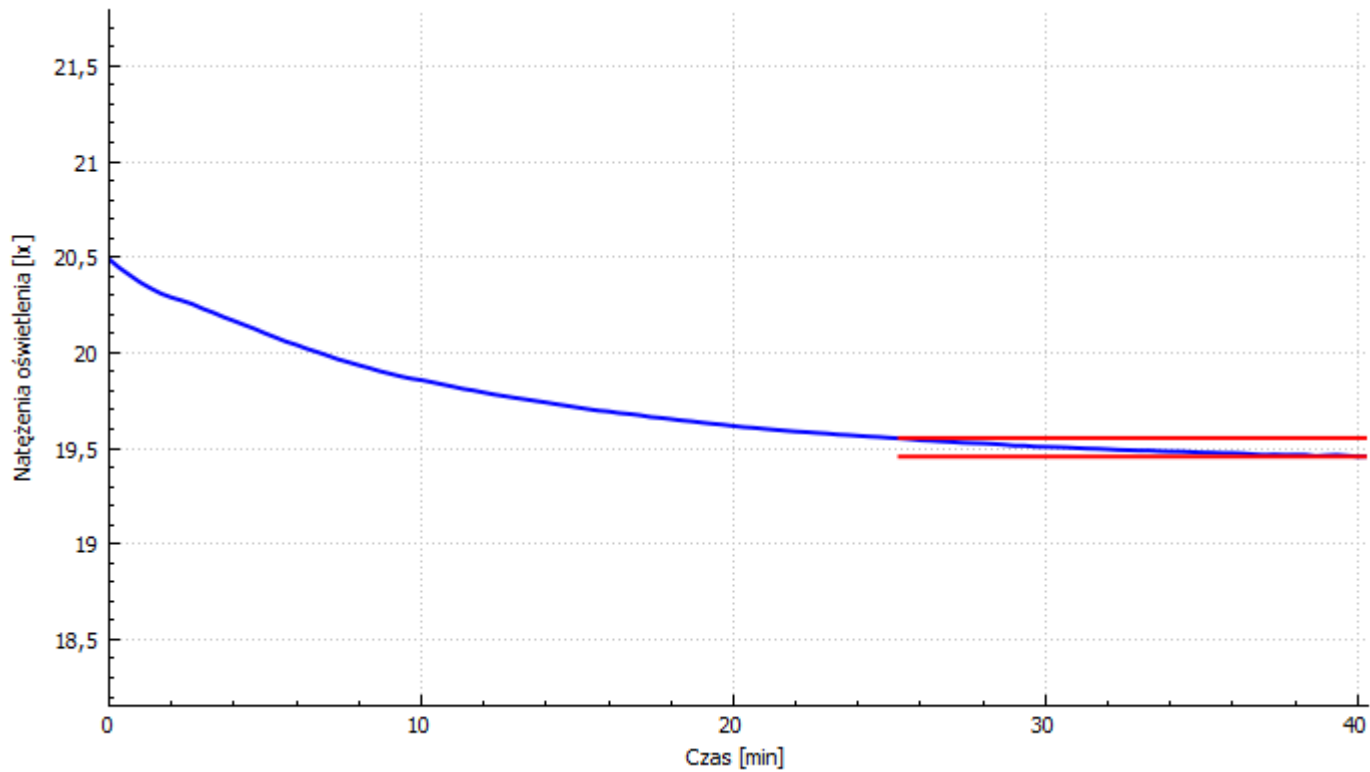
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3D Chart

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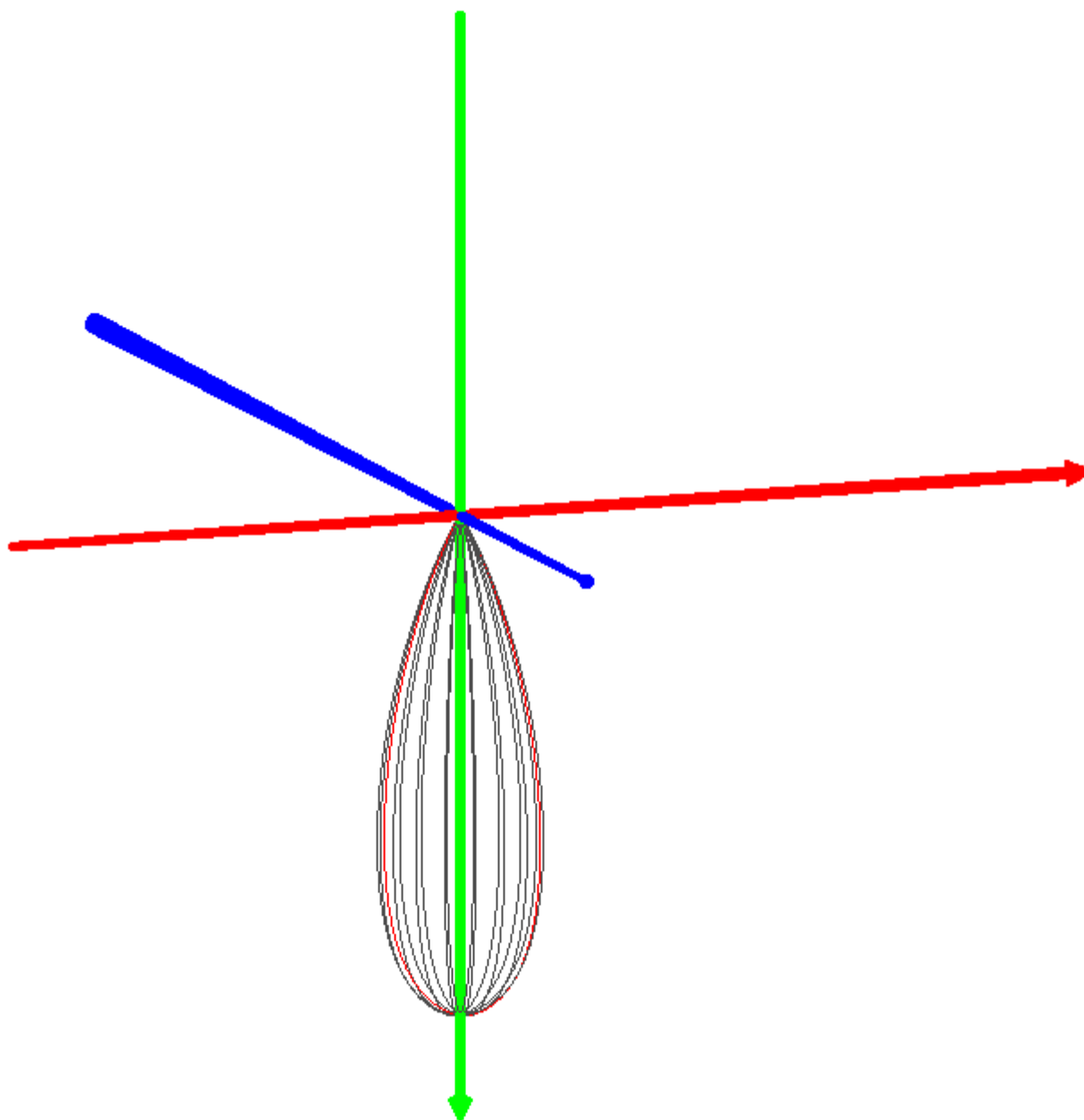
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Legend

— - 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	0,00877	0	0
3	0,0356	82,428	0,0334
4	0,00291	0	0
5	0,0265	55,275	0,0142
6	0,00221	0	0
7	0,0205	30,791	0,00524
8	0,00204	0	0
9	0,0137	21,546	0,00259
10	0,00125	0	0
11	0,016	21,117	0,00258
12	0,00105	0	0
13	0,0131	17,628	0,00202
14	0,00214	0	0
15	0,0121	13,589	0,000917
16	0,00174	0	0
17	0,0115	12,824	0,00114
18	0,000919	0	0
19	0,0103	12,224	0,000603
20	0,0012	0	0

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21	0,0109	10,321	0,00043
22	0,00133	0	0
23	0,00836	9,254	0,000427
24	0,00095	0	0
25	0,00992	9,149	0,000359
26	0	0	0
27	0,0104	8,429	0,00033
28	0,000972	0	0
29	0,0101	7,586	0,000299
30	0,000977	0	0
31	0,0126	7,428	0,000274
32	0	0,0671	0
33	0,0099	7,182	0,000292
34	0	0,081	0
35	0,0117	6,532	0,000235
36	0	0,0727	0
37	0,0103	6,184	0,000169
38	0	0	0
39	0,0112	6,130	0,000199
40	0	0	0
41	0,0106	5,857	0,000246
42	0	0,0707	0
43	0,0102	5,543	0,00017
44	0,00103	0,0684	0
45	0,0114	5,442	0,000191
46	0	0,0712	7,11e-08
47	0,0104	5,282	0,000161
48	0	0,0825	0
49	0,0102	5,002	5,69e-05
50	0	0,086	0

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