

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Liman 6W CCT Switch*

Item No: *AZ5648_CW*

Serial No.: *AZ5648_CW*

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6548_CW*

LuminaireName: *Liman 6W CCT*

LuminaireNumber: *AZ6548_CW*

FileName: *AZ6548_CW.Idt*

Date: *2025-07-14*

Dimensions of luminaire

Length: *80 mm*

Width: *0 mm*

Height: *90 mm*

Dimensions of luminous area

Length: *25 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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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: 723,27 lm
Color temperatur: 3978 K
Color rendering index: 93,55
Wattage including ballast: 6,21 W

Utilization factors:

k = 0.60	0,631
k = 0.80	0,689
k = 1.00	0,746
k = 1.25	0,793
k = 1.50	0,827
k = 2.00	0,885
k = 2.50	0,901
k = 3.00	0,917
k = 4.00	0,941
k = 5.00	0,956

Electrical parameters

<i>U</i>	= 229,672 V
<i>I</i>	= 0,046 A
<i>P</i>	= 6,208 W
<i>Power factor</i>	= 0,590

<i>Power apparent</i>	= 10,529 VA
<i>Power Reactive</i>	= -8,504 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 106,426 %

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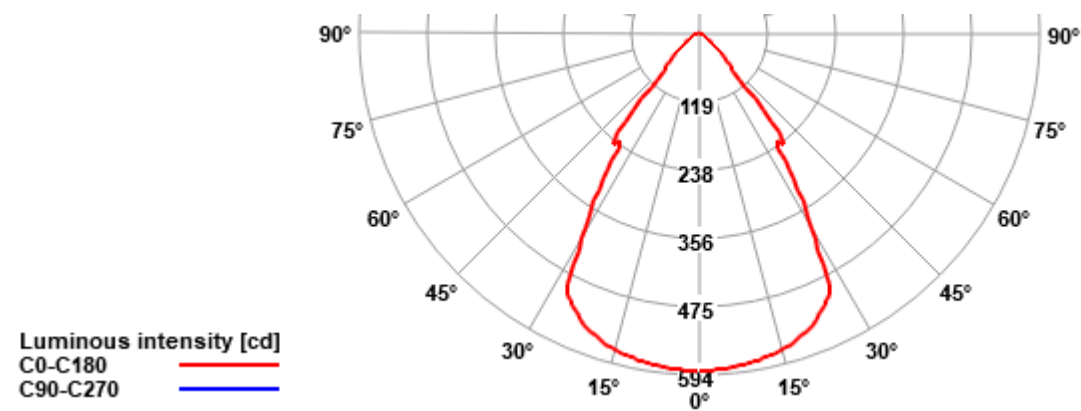
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	723,27 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	588,02 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	116,47 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3827
y	0,3821
Angular Colour Uniformity	0,0197

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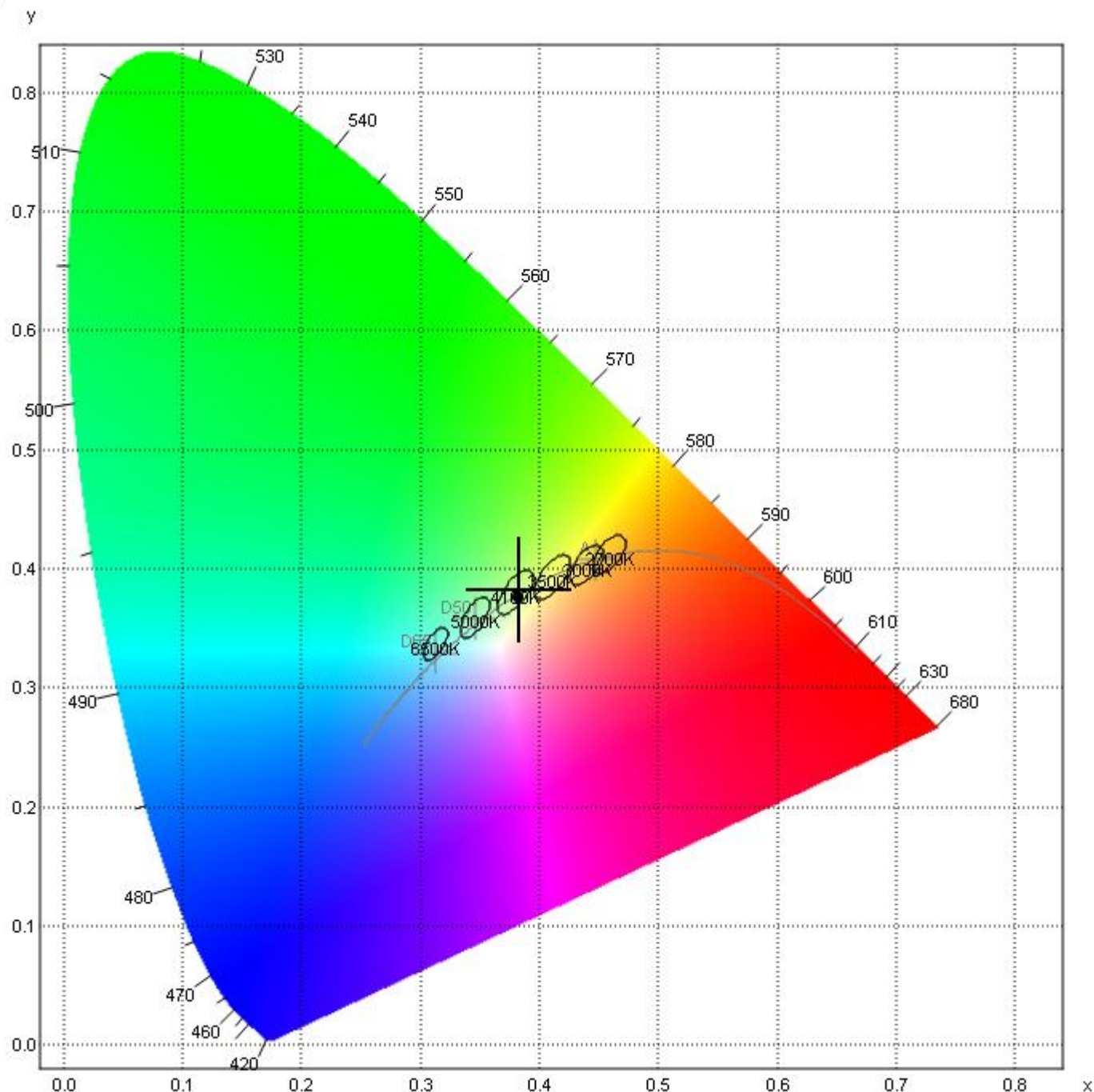
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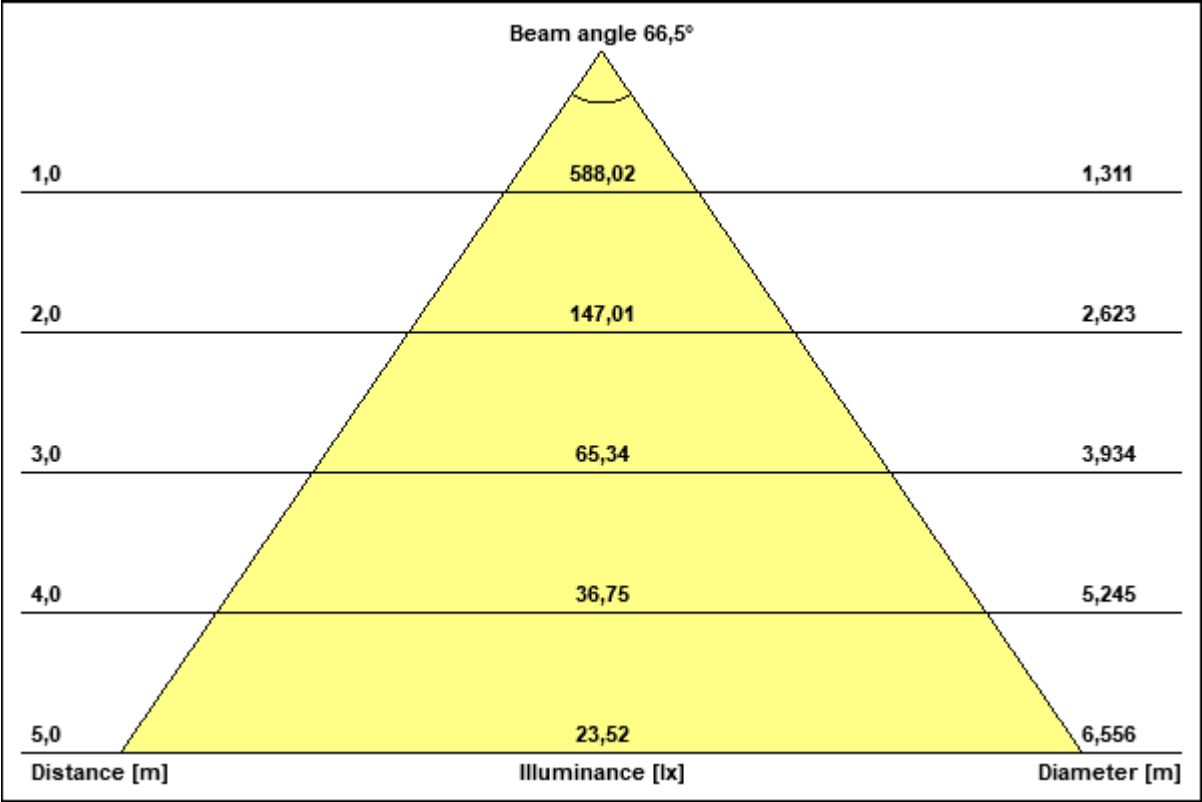
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Beam cone



Stabilization

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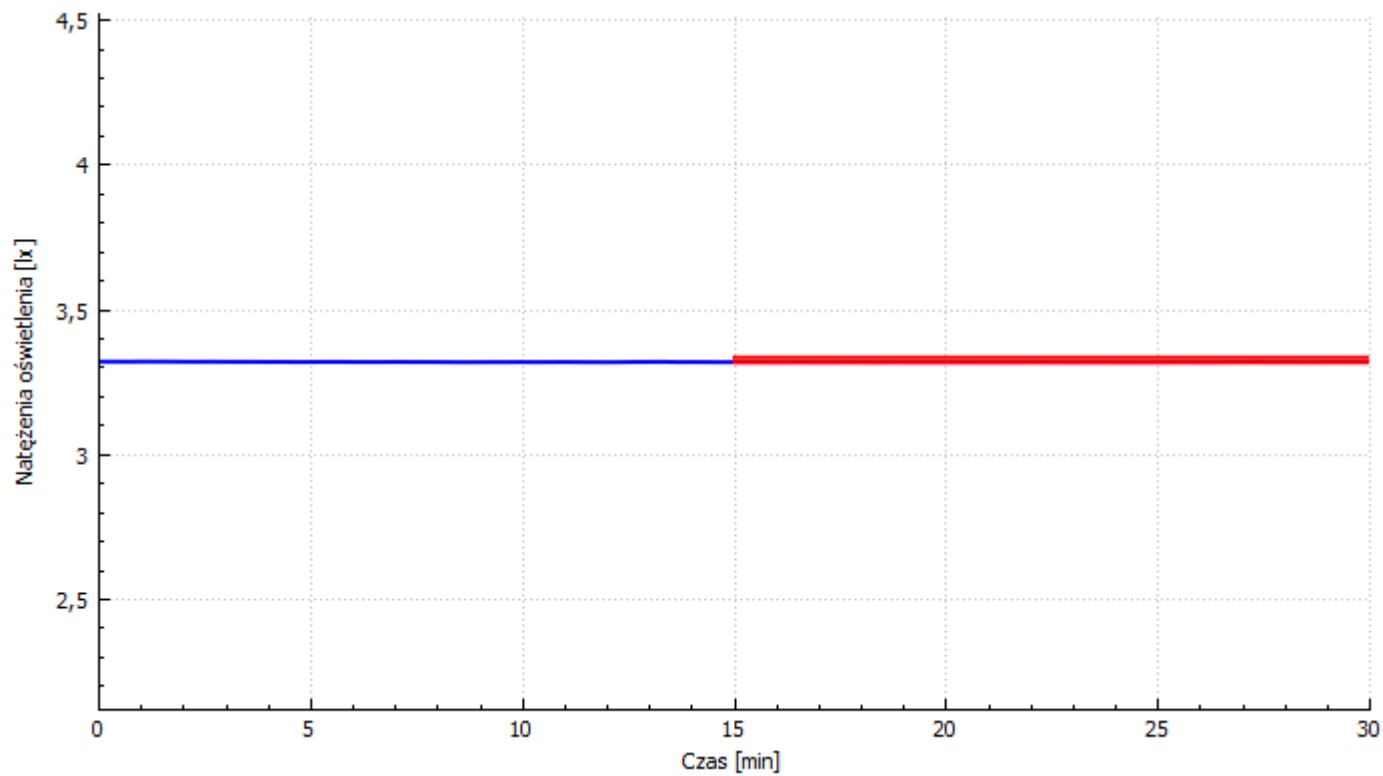
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3D Chart

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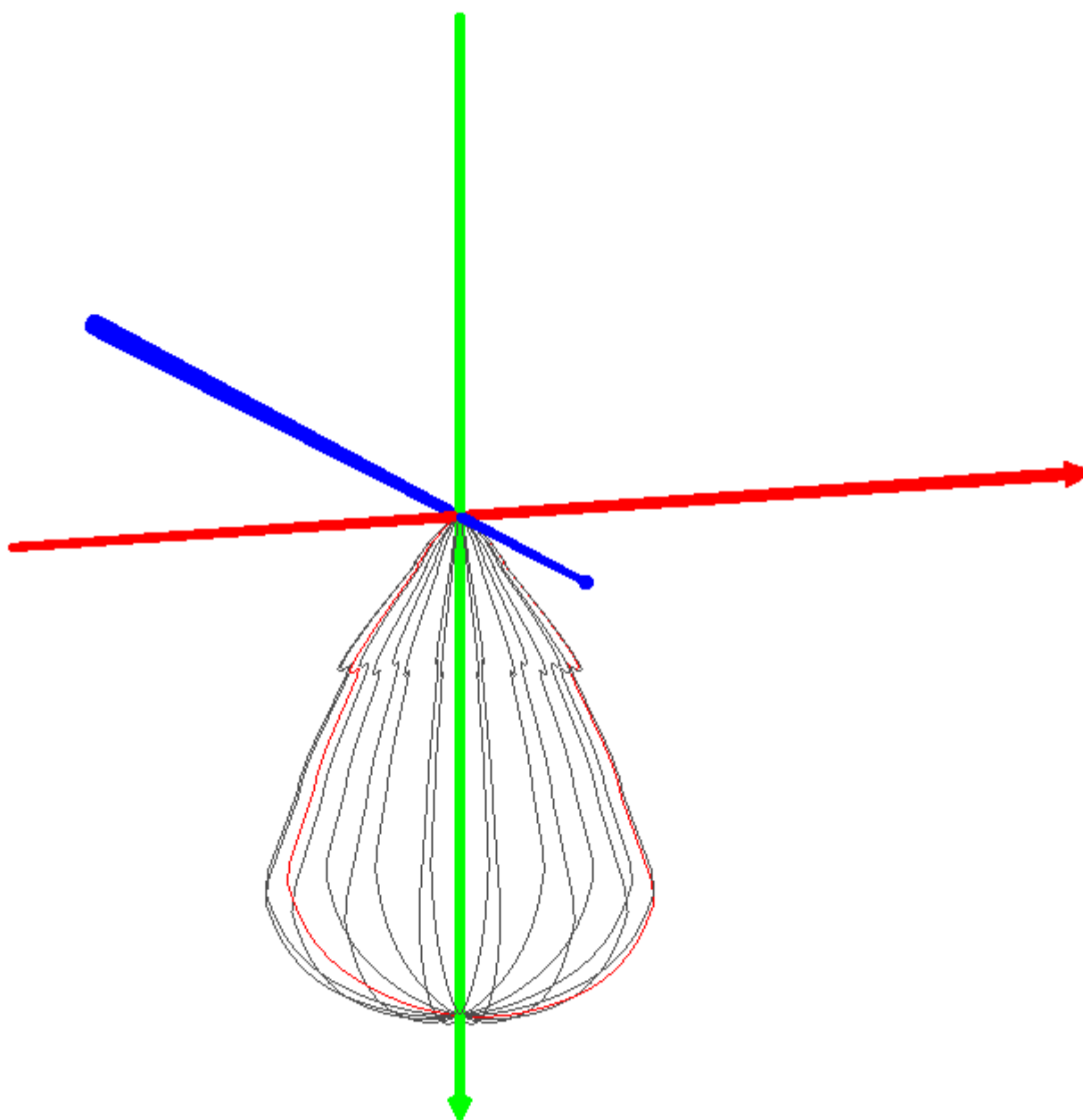
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00439	0	0
1	100,000	100,000	100,000
2	0,00682	0	0
3	0,00434	78,639	0,000917
4	0,00228	0	0
5	0,00775	48,016	-0,000416
6	0,00144	0	0
7	0,00735	25,338	0,00083
8	0,00147	0	0
9	0,00527	21,465	0,000414
10	0,00118	0	0
11	0,00655	19,563	-0,000316
12	0	0	0
13	0,00508	14,621	0,000672
14	0,0017	0	0
15	0,00463	12,916	8,69e-05
16	0,00102	0	0
17	0,00665	12,422	0,000175
18	0,00103	0	0
19	0,00328	10,389	0,000312
20	0	0	0

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21	0,00226	9,385	-2,41e-05
22	0,00115	0	0
23	0,00578	9,255	0,000246
24	0	0	0
25	0,00446	8,315	0,000289
26	0	0	0
27	0,00385	7,674	4,94e-05
28	0	0	0
29	0,0044	7,564	-2,97e-06
30	0	0	0
31	0,0036	6,988	4,54e-05
32	0	0	0
33	0,00507	6,510	-1,91e-05
34	0	0	0
35	0,00335	6,446	-5,85e-05
36	0	0	0
37	0,00426	6,182	0,000117
38	0	0	0
39	0,00409	5,894	1,08e-05
40	0	0	0
41	0,00493	5,809	-0,000116
42	0,000907	0	0
43	0,00537	5,580	7,67e-05
44	0	0	0
45	0,00387	5,345	-5,83e-05
46	0	0	0
47	0,00608	5,307	-7,26e-05
48	0	0	0
49	0,00678	5,212	0,000142
50	0	0	0

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