

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Liman 6W CCT Switch*

Item No: *AZ5648_WW*

Serial No.: *AZ5648_WW*

Made by: *A. Nawrot*

Eulumat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6548_WW*

LuminaireName: *Liman 6W CCT*

LuminaireNumber: *AZ6548_WW*

FileName: *AZ6548_WW.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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Tel.: +48 61 819 40 03

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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: 662,09 lm
Color temperatur: 2888 K
Color rendering index: 92,98
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>	= 229,673 V
<i>I</i>	= 0,046 A
<i>P</i>	= 6,209 W
<i>Power factor</i>	= 0,590

<i>Power apparent</i>	= 10,527 VA
<i>Power Reactive</i>	= -8,500 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 106,409 %

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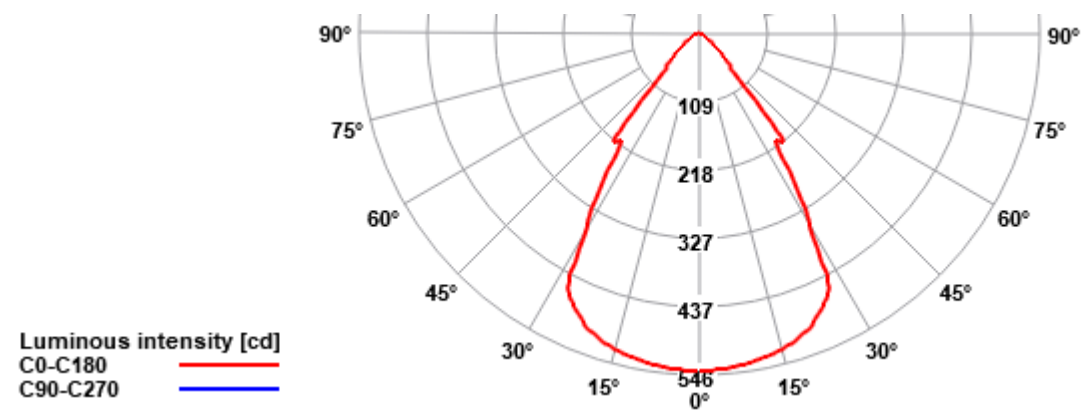
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	662,09 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	540,37 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	106,62 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4435
y	0,4036
Angular Colour Uniformity	0,0144

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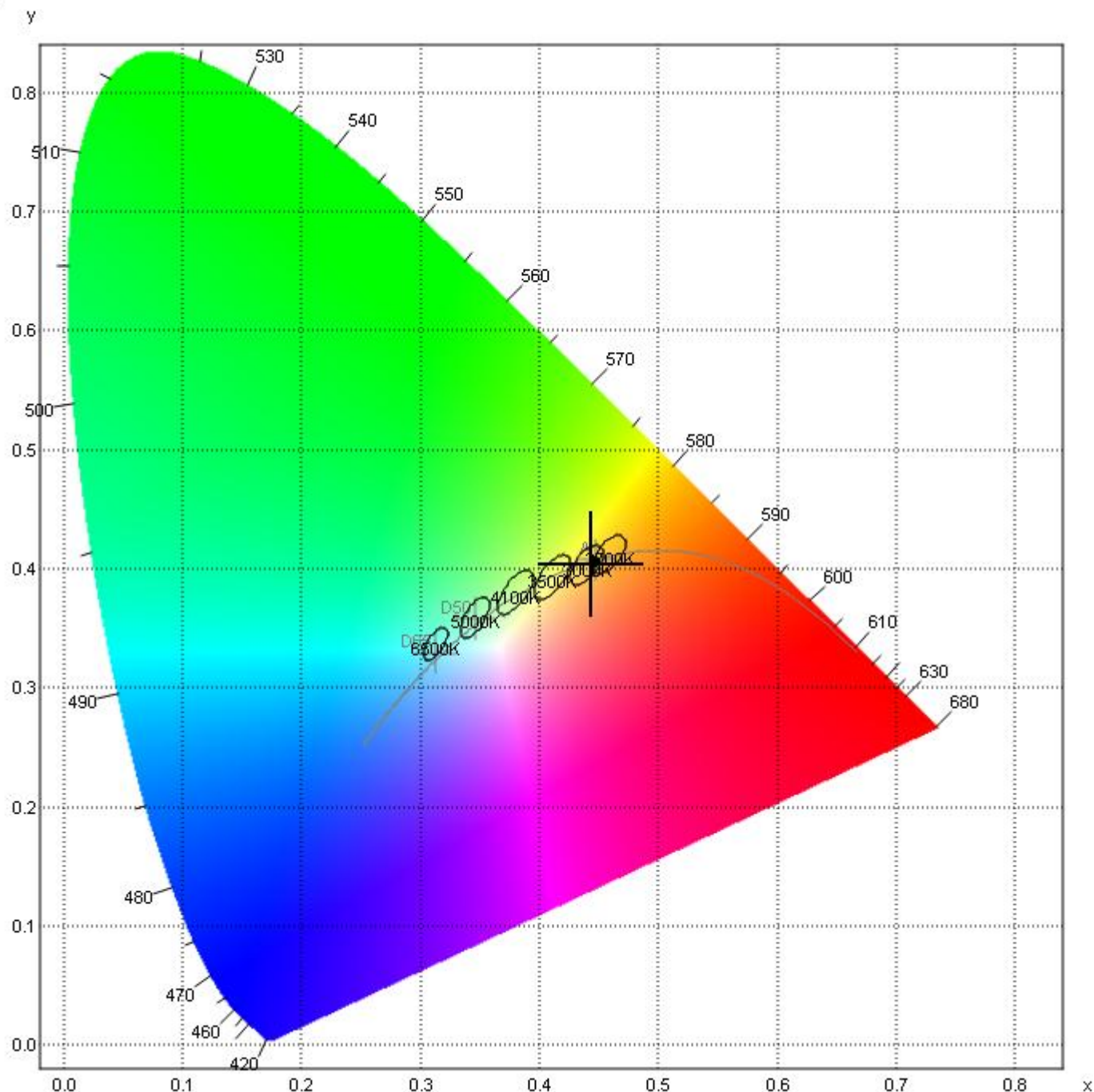
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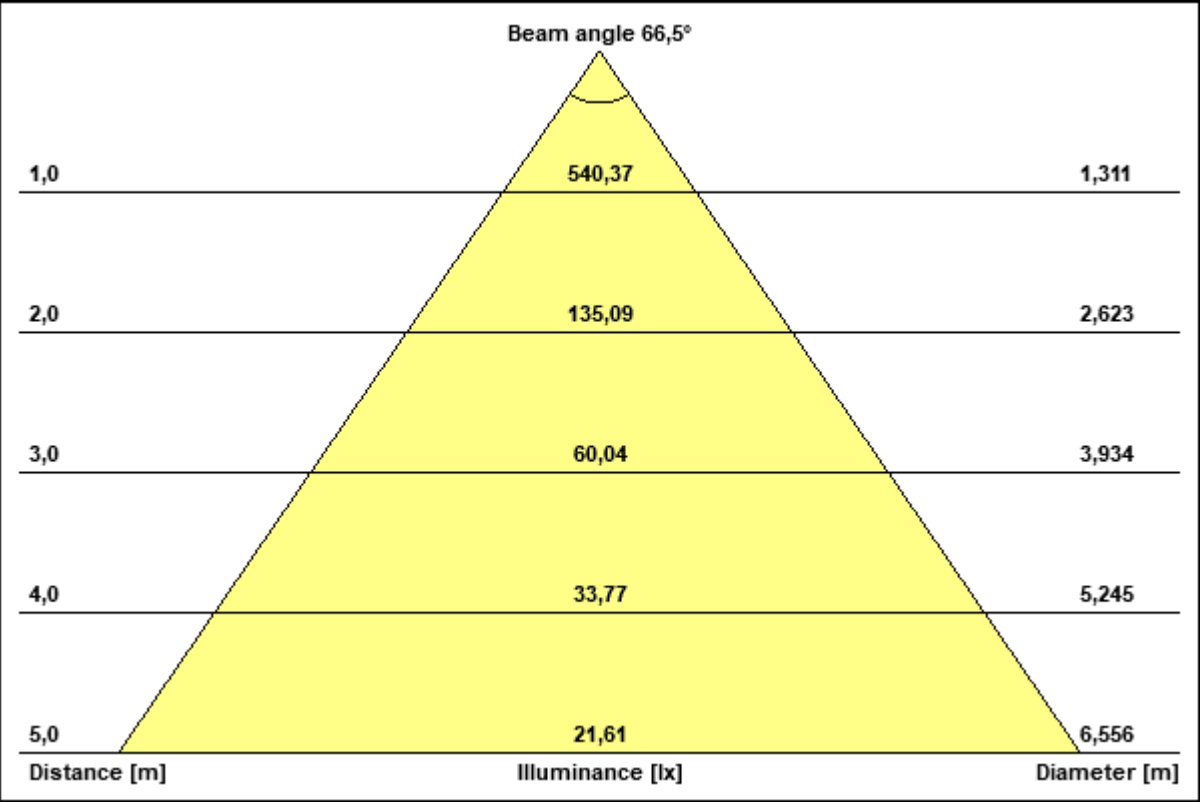
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Beam cone



Stabilization

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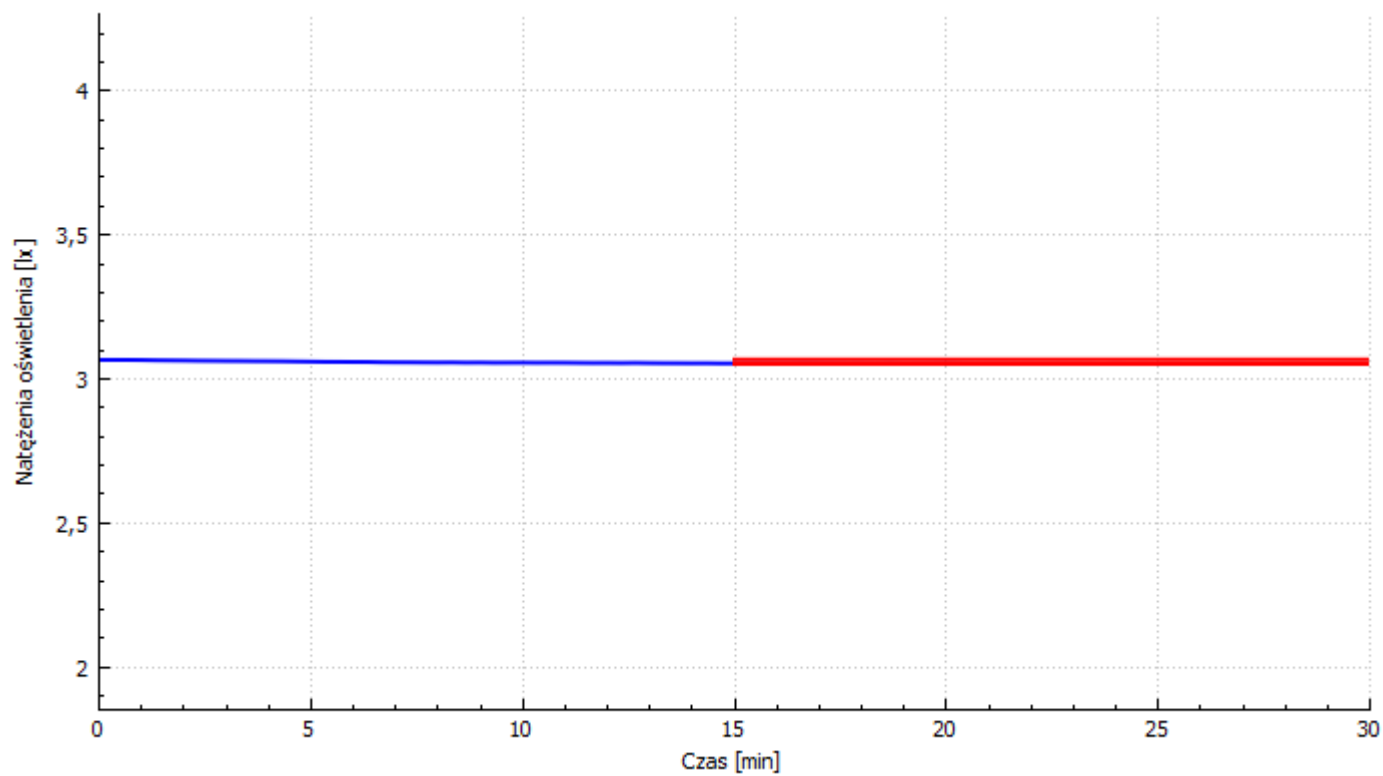
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3D Chart

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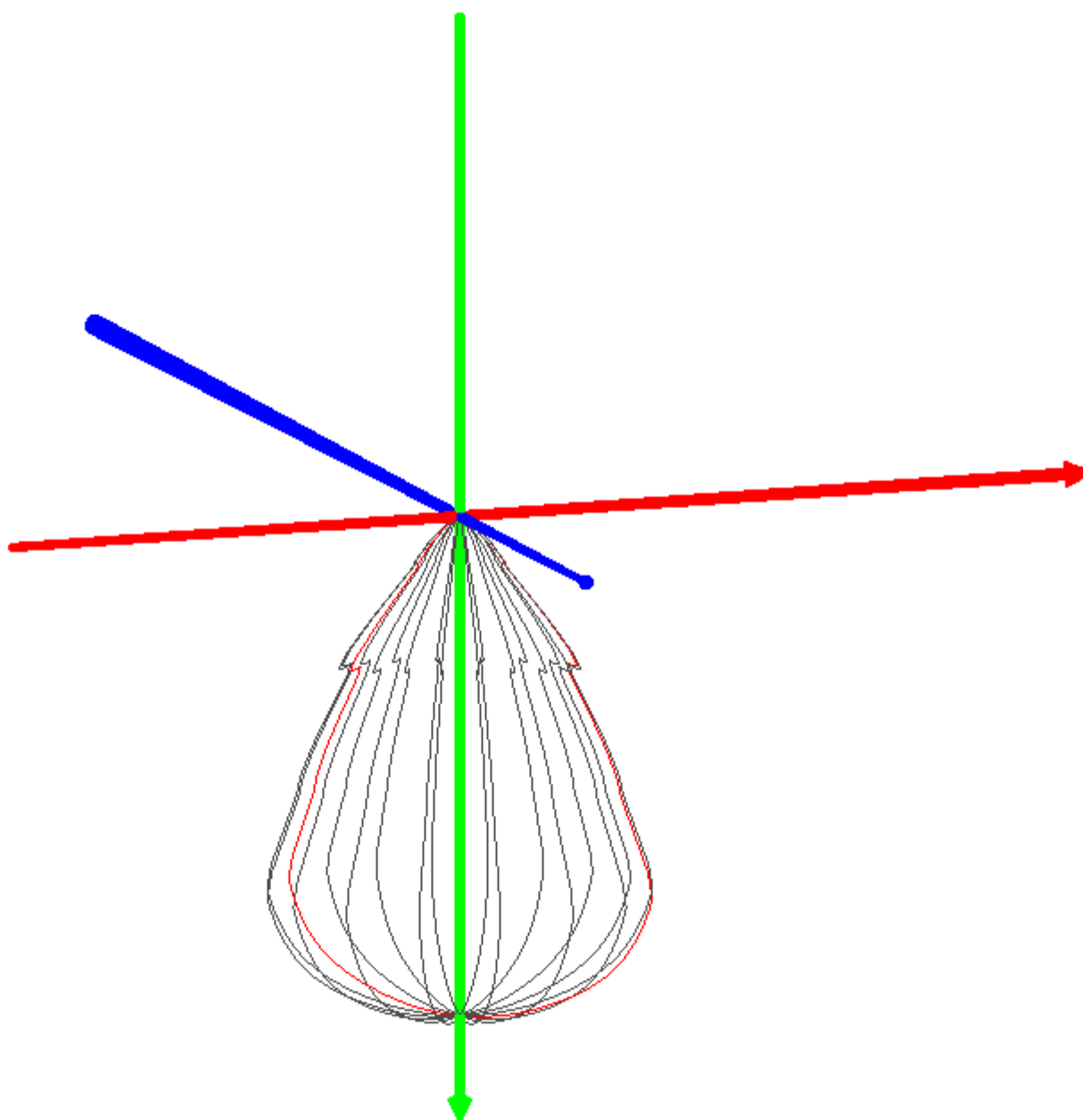
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00384	0	0
1	100,000	100,000	100,000
2	0,00867	0	0
3	0,00364	78,635	0,00155
4	0,00293	0	0
5	0,00788	48,003	-0,00118
6	0,002	0	0
7	0,00737	25,316	0,000436
8	0,00148	0	0
9	0,00524	21,448	0,00089
10	0,00147	0	0
11	0,00624	19,554	-5,71e-05
12	0,000913	0	0
13	0,0049	14,612	0,000356
14	0,00131	0	0
15	0,00455	12,907	-1,48e-05
16	0,00199	0	0
17	0,00657	12,411	0,000475
18	0	0	0
19	0,00313	10,373	0,000196
20	0	0	0

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21	0,00271	9,371	1,74e-06
22	0	0	0
23	0,00547	9,246	0,000281
24	0,00114	0	0
25	0,00492	8,300	0,000208
26	0,000929	0	0
27	0,00406	7,657	0,000148
28	0	0	0
29	0,00427	7,550	6,35e-06
30	0	0	0
31	0,0039	6,978	-0,000109
32	0	0	0
33	0,0054	6,500	-3,73e-05
34	0	0	0
35	0,0037	6,464	-7,98e-06
36	0	0	0
37	0,00422	6,198	3,86e-05
38	0	0	0
39	0,00454	5,880	-7,13e-06
40	0	0	0
41	0,00541	5,796	-5,97e-05
42	0	0	0
43	0,00472	5,605	3,97e-05
44	0	0	0
45	0,00425	5,377	-2,7e-05
46	0	0	0
47	0,00613	5,302	-1,91e-05
48	0	0	0
49	0,00651	5,198	7,71e-05
50	0	0	0

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