

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Liman 10W CCT Switch*
Item No: *AZ5650_CW*
Serial No.: *AZ5650_CW*
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6550_CW*
LuminaireName: *Liman 10W CCT*
LuminaireNumber: *AZ6550_CW*
FileName: *AZ6550_CW.Idt*
Date: *2025-07-14*

Dimensions of luminaire

Length: *100 mm*
Width: *0 mm*
Height: *95 mm*

Dimensions of luminous area

Length: *30 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.
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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: 1095,71 lm
Color temperatur: 3959 K
Color rendering index: 93,31
Wattage including ballast: 10,30 W

Utilization factors:

k = 0.60	0,649
k = 0.80	0,705
k = 1.00	0,760
k = 1.25	0,804
k = 1.50	0,837
k = 2.00	0,893
k = 2.50	0,907
k = 3.00	0,923
k = 4.00	0,946
k = 5.00	0,961

Electrical parameters

<i>U</i>	= 229,672 V
<i>I</i>	= 0,076 A
<i>P</i>	= 10,304 W
<i>Power factor</i>	= 0,587

<i>Power apparent</i>	= 17,562 VA
<i>Power Reactive</i>	= -11,061 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 113,047 %

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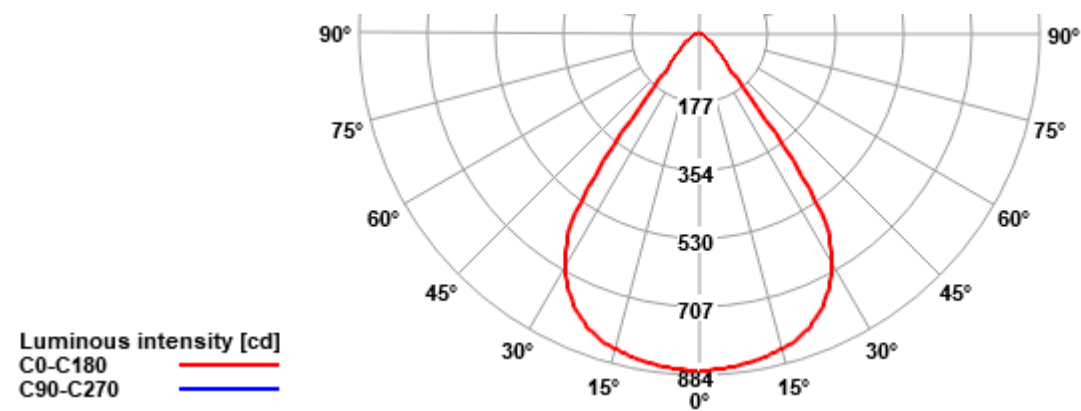
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1095,71 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	875,22 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	106,38 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3835
y	0,3821
Angular Colour Uniformity	0,0209

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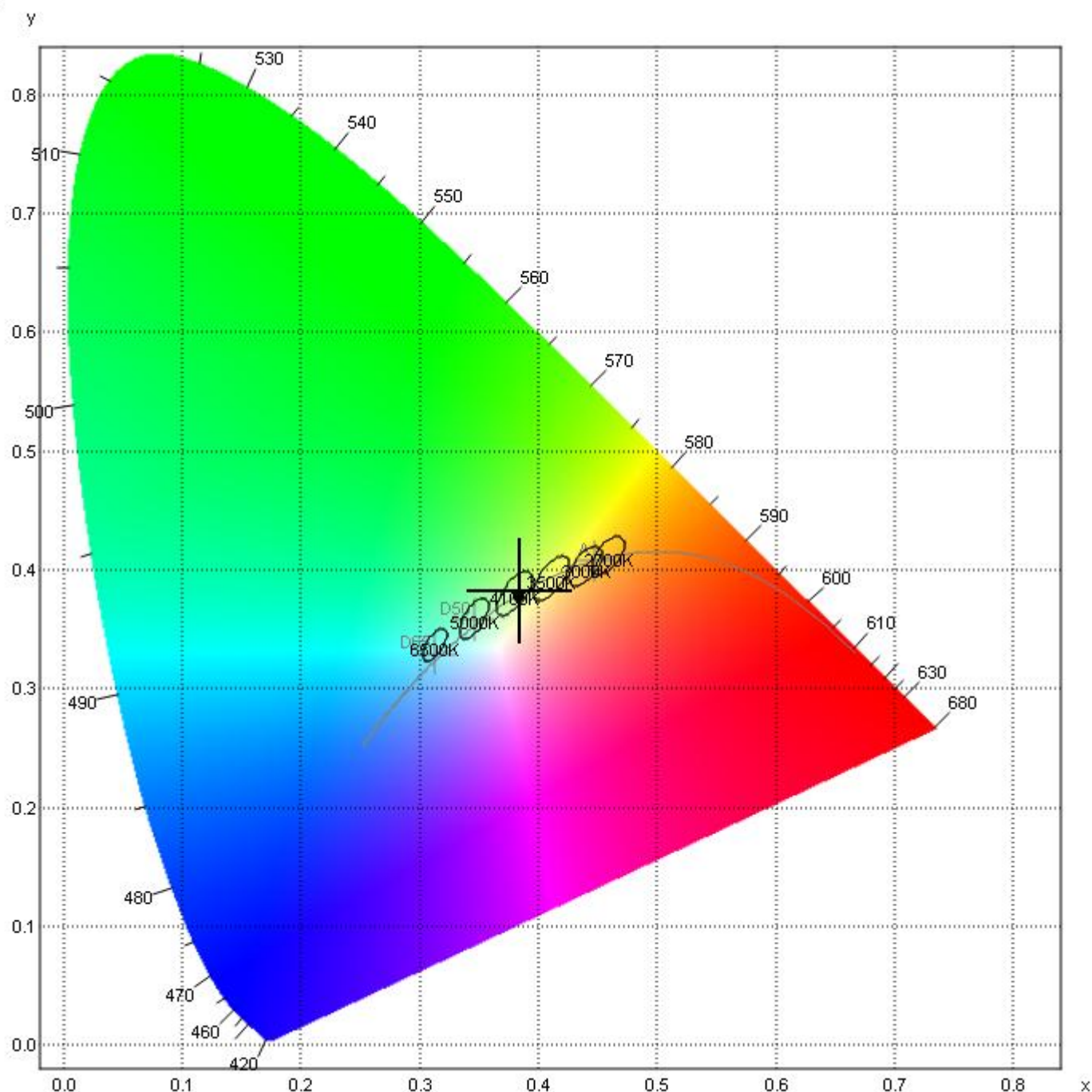
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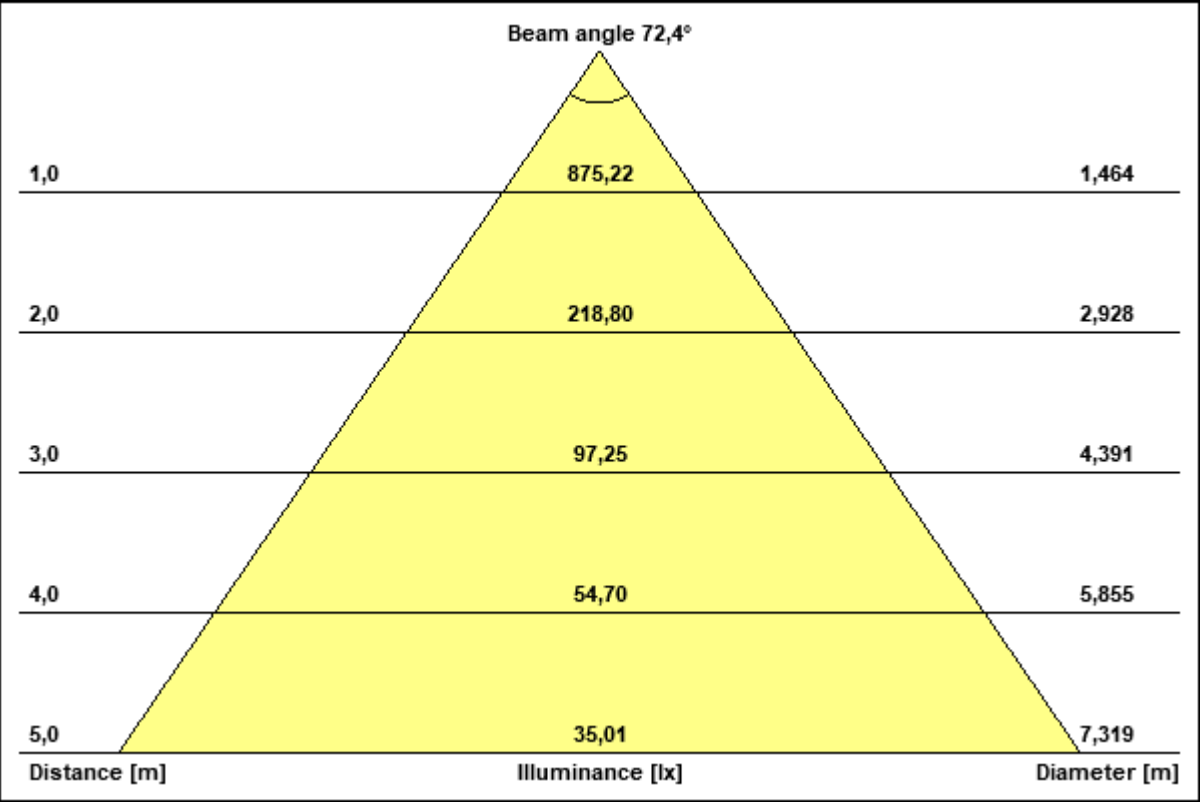
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Beam cone



Stabilization

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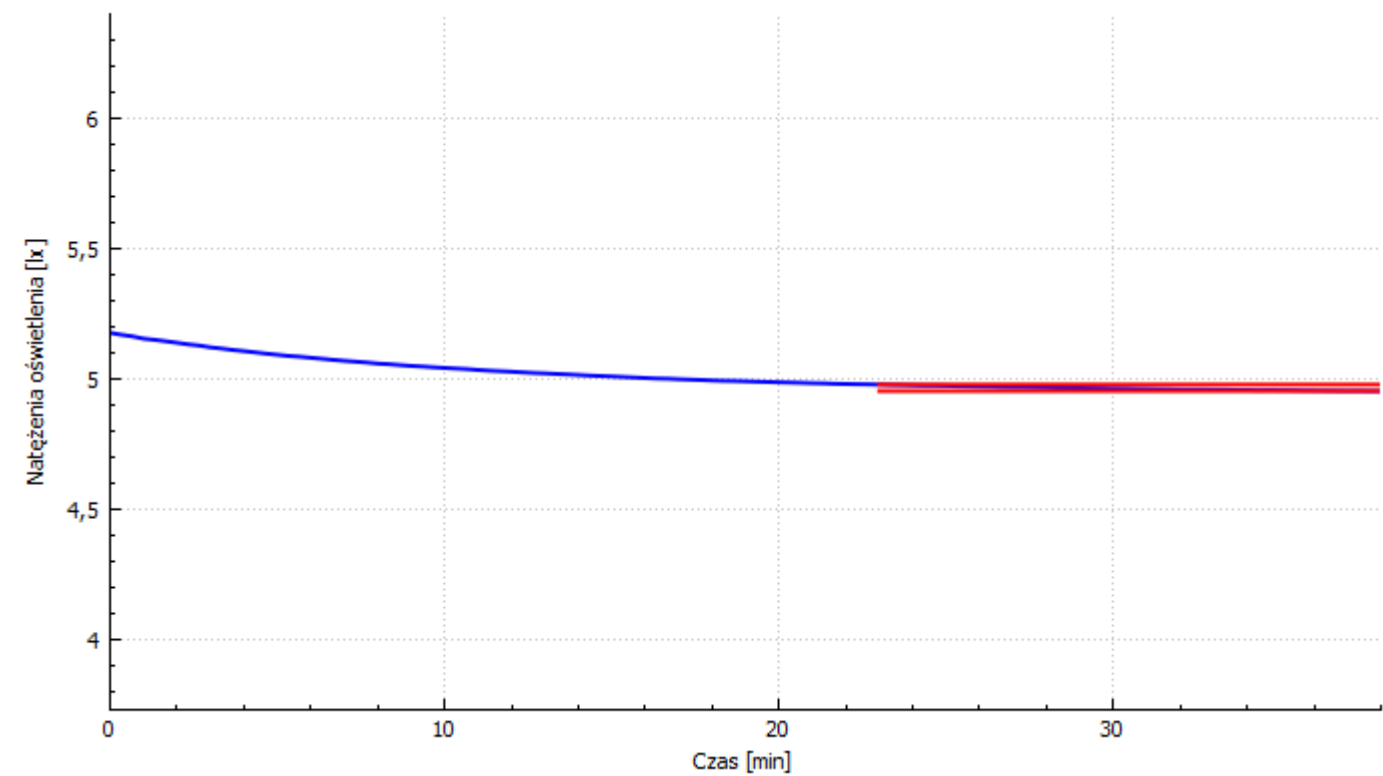
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3D Chart

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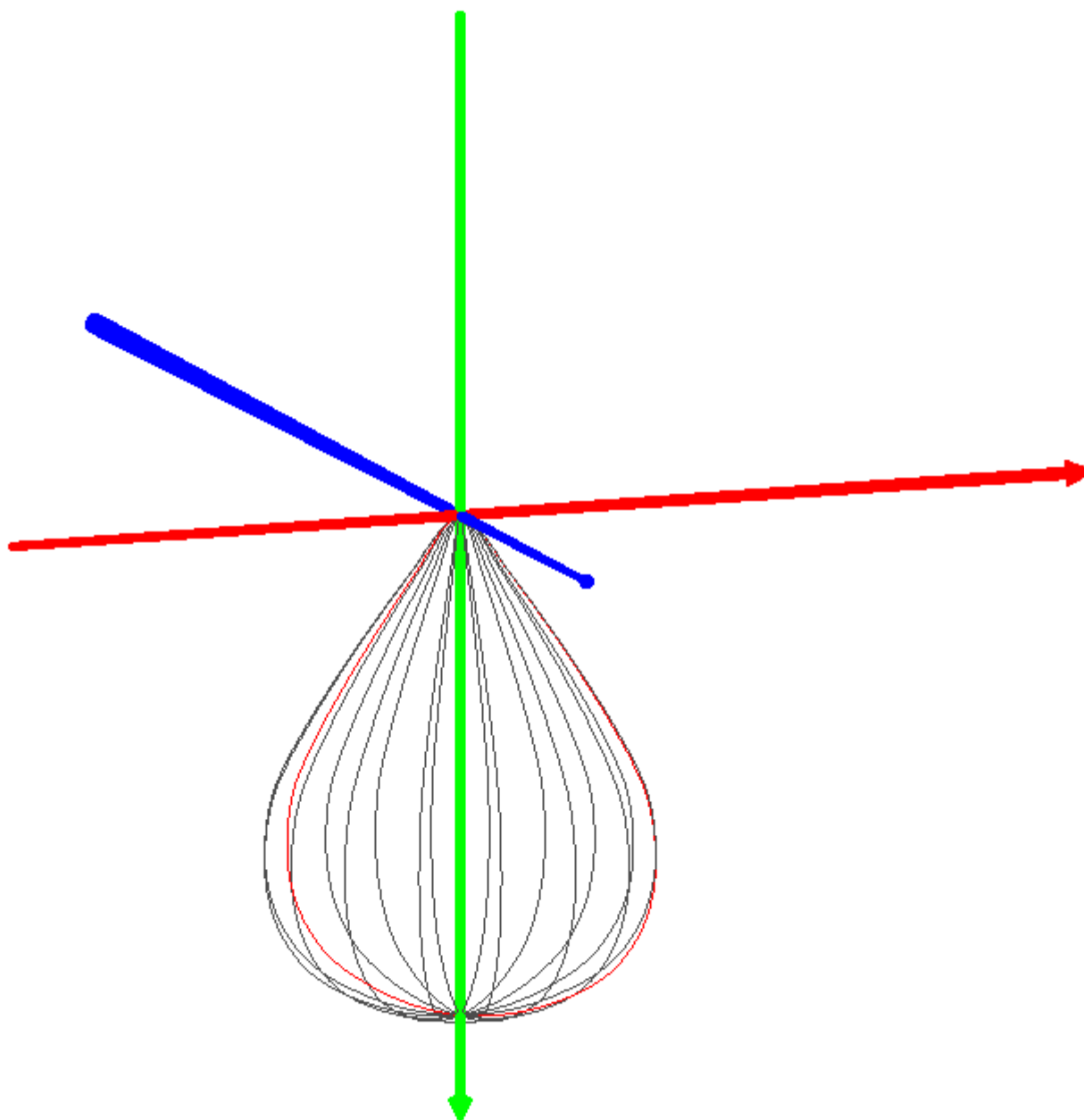
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00167	0	0
1	100,000	100,000	100,000
2	0,00607	0	0
3	0,00953	81,795	0,00596
4	0,00186	0	0
5	0,0125	54,053	0,00256
6	0,00121	0	0
7	0,0104	29,677	0,00121
8	0,00143	0	0
9	0,0066	21,316	0,000879
10	0	0	0
11	0,0104	20,787	0,000748
12	0,00105	0	0
13	0,00789	16,899	0,000631
14	0,0017	0	0
15	0,00763	13,062	0,000226
16	0,00123	0	0
17	0,00687	12,496	0,000456
18	0	0	0
19	0,00637	11,611	0,000171
20	0,00105	0	0

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21	0,00749	9,648	4,1e-06
22	0,000849	0	0
23	0,00471	8,831	0,000106
24	0	0	0
25	0,00582	8,634	2,78e-05
26	0	0	0
27	0,0063	7,742	4,05e-05
28	0,000954	0,0525	0
29	0,00662	6,994	0,000121
30	0,00105	0,0483	0
31	0,00851	6,863	7,54e-05
32	0	0	0
33	0,00664	6,436	4,08e-05
34	0	0	0
35	0,00742	5,794	3,18e-05
36	0,00115	0,0437	0
37	0,00738	5,567	2,79e-05
38	0	0,0503	4,07e-07
39	0,00676	5,392	4,77e-05
40	0	0,0437	0
41	0,00697	4,980	6,25e-05
42	0	0	0
43	0,00655	4,725	5,81e-05
44	0,00109	0	0
45	0,00769	4,631	8,45e-05
46	0	0	1,51e-08
47	0,00601	4,374	5,9e-05
48	0	0,0475	0
49	0,00559	4,094	-3,78e-05
50	0	0,0518	0

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