

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Moons 3-Step CCT*
Item No: *AZ6666*
Serial No.: *AZ6666*
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6666_WW*
LuminaireName: *Moons 3-Step CCT Wall*
LuminaireNumber: *AZ6666*
FileName: *AZ6666_WW.Idt*
Date: *2025-07-17*

Dimensions of luminaire

Length: *670 mm*
Width: *340 mm*
Height: *140 mm*

Dimensions of luminous area

Length: *660 mm*
Width: *250 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: 186,33 lm
Color temperatur: 2818 K
Color rendering index: 91,43
Wattage including ballast: 31,00 W

Utilization factors:

k = 0.60	0,224
k = 0.80	0,300
k = 1.00	0,368
k = 1.25	0,438
k = 1.50	0,493
k = 2.00	0,580
k = 2.50	0,634
k = 3.00	0,676
k = 4.00	0,735
k = 5.00	0,774

Electrical parameters

U = 229,653 V
I = 0,143 A
P = 31,004 W
Power factor = 0,948

Power apparent = 32,729 VA
Power Reactive = -10,452 var
Frequency Voltage = 50,002 Hz
THD = 8,658 %

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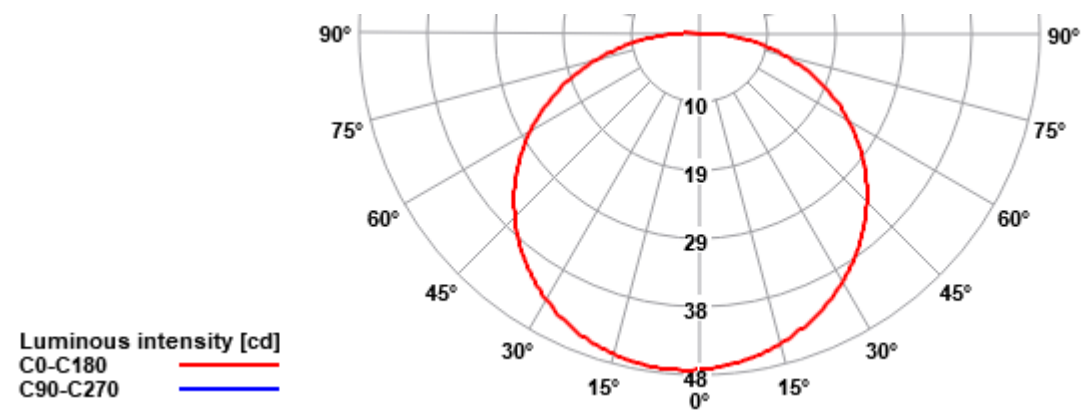
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	186,33 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	48,61 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	6,01 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4489
y	0,4054
Angular Colour Uniformity	0,0107

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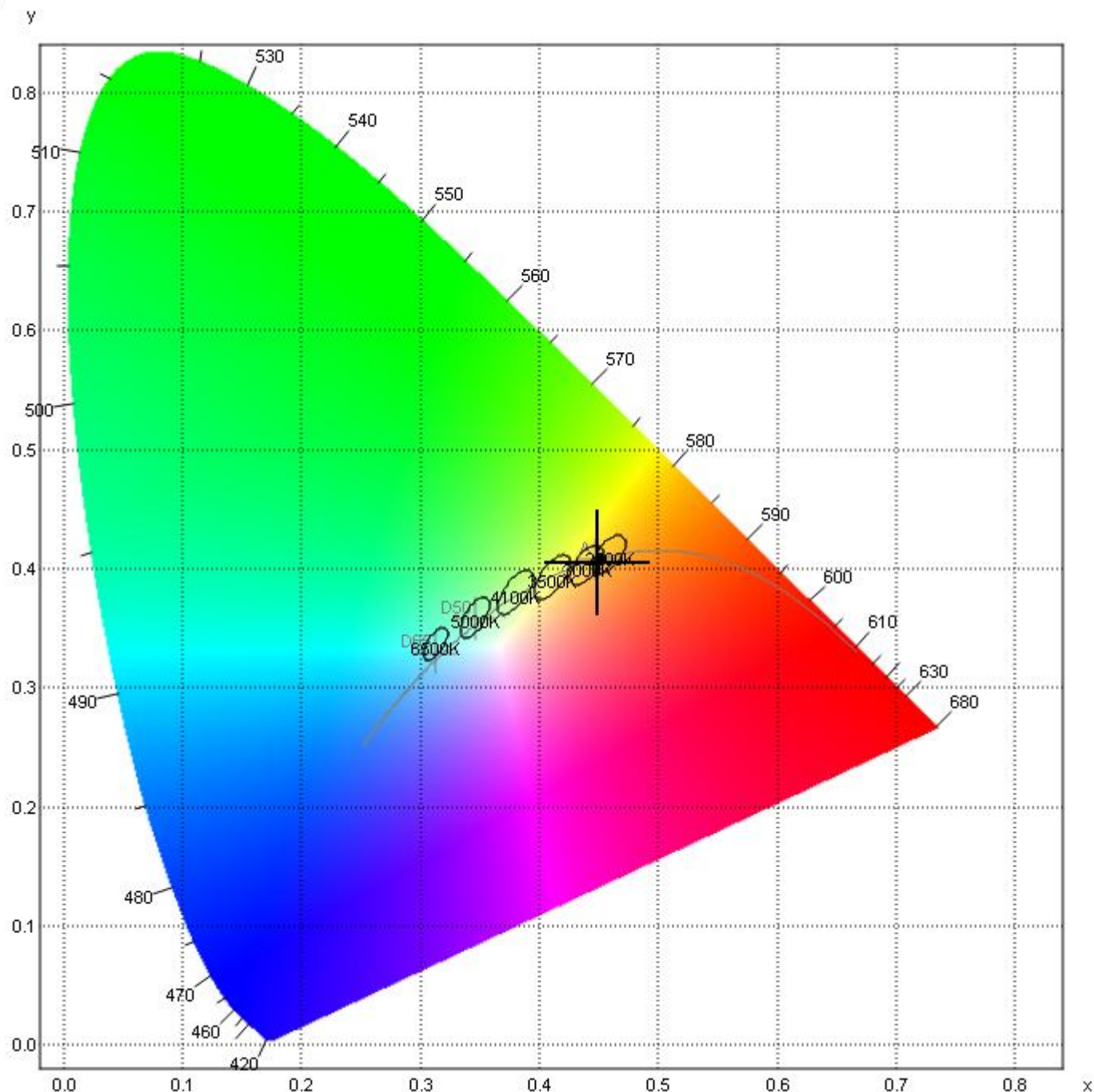
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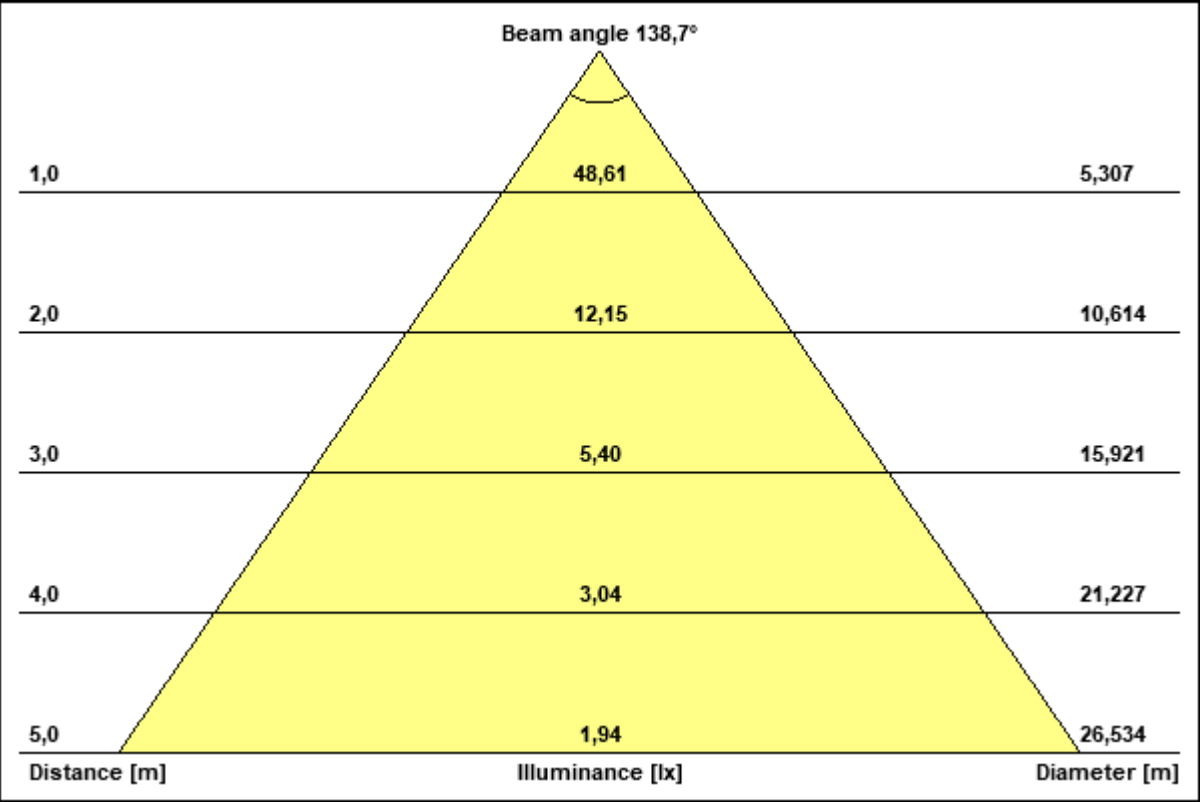
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Beam cone



Stabilization

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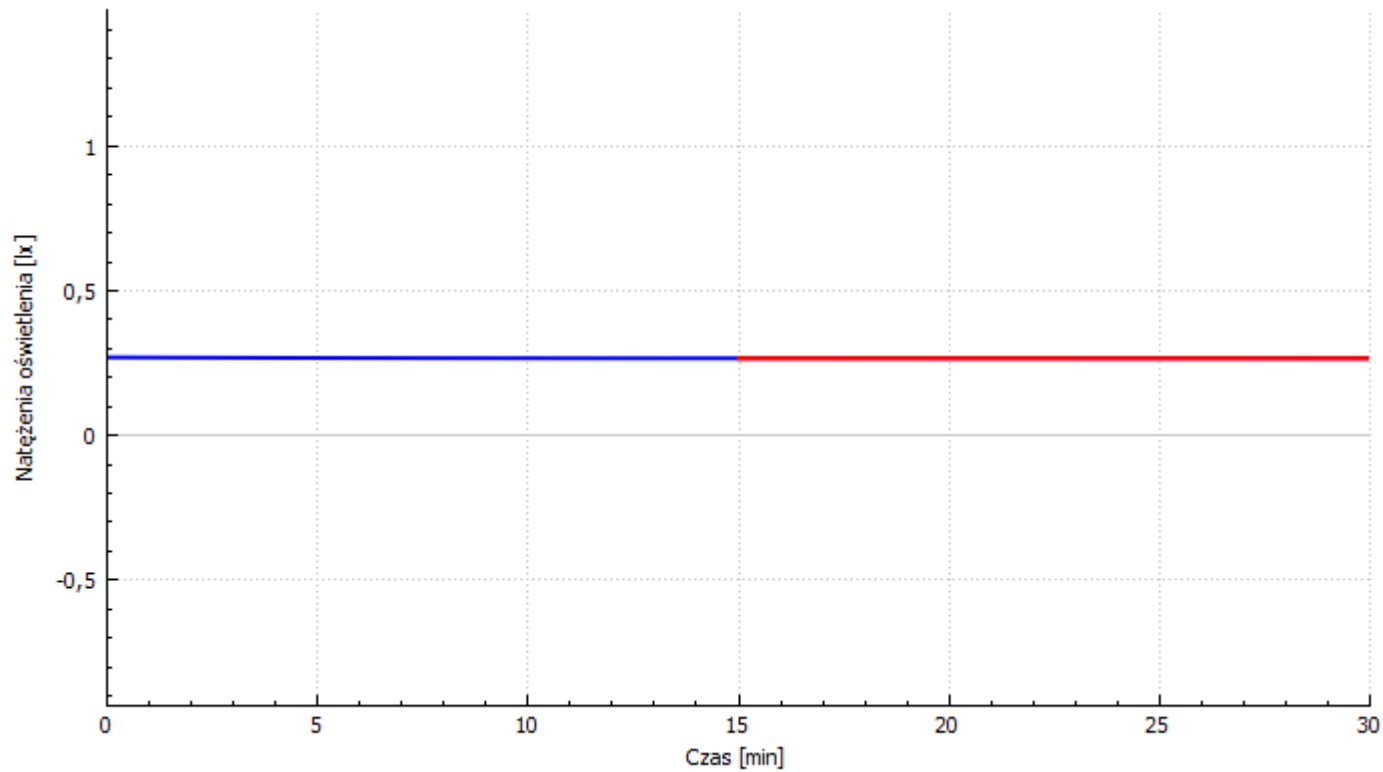
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3D Chart

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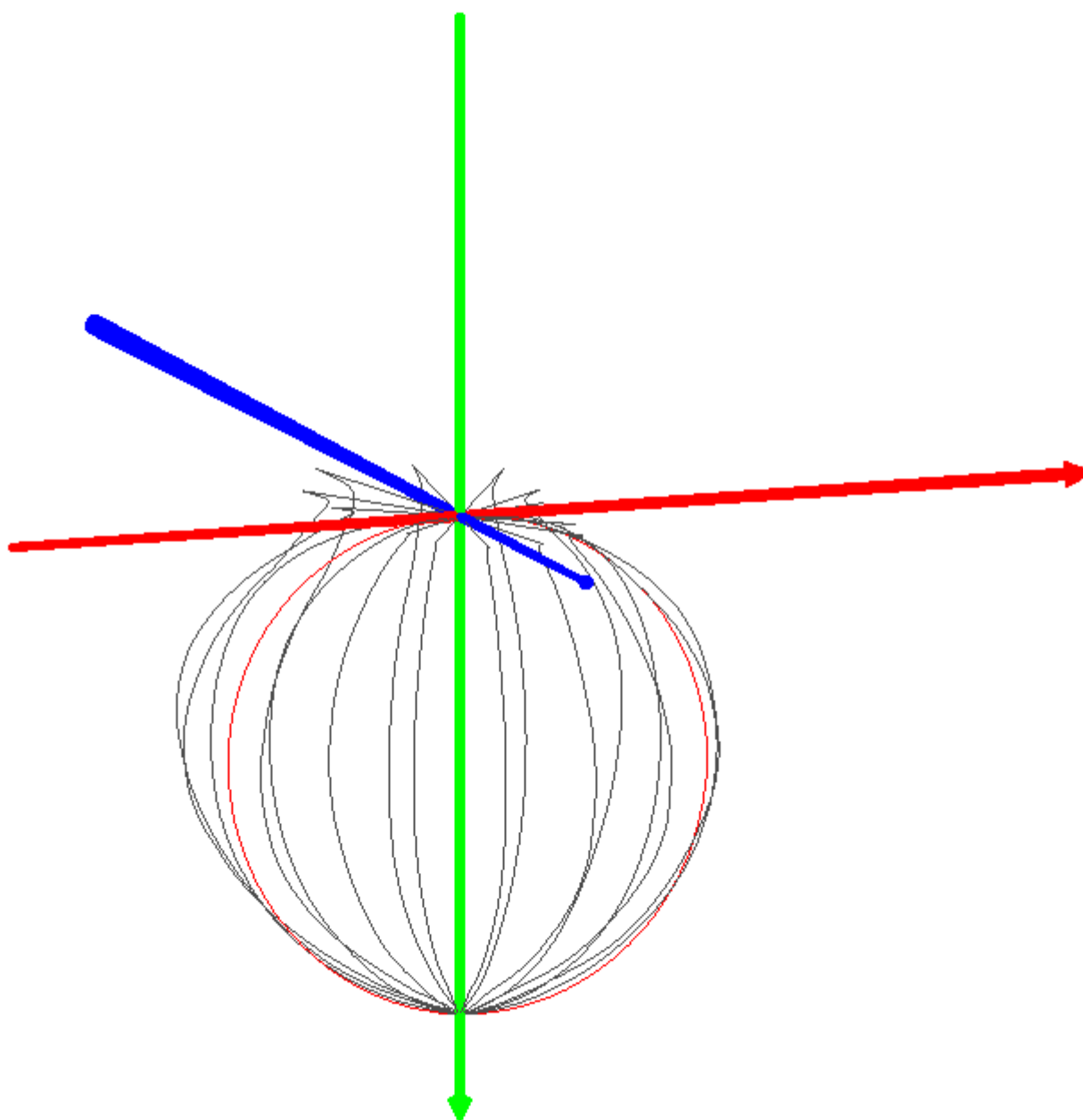
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,0048	0	9,15e-08
1	100,000	100,000	100,000
2	0,0143	0	-1,92e-06
3	0,0128	5,684	0,000484
4	0,00653	0	1,89e-06
5	0,00123	3,407	7,04e-05
6	0,00337	0	0
7	0,00222	2,829	3,02e-06
8	0,00202	0	0
9	0,00568	3,017	-3,49e-05
10	0,00155	0	0
11	0,00837	2,089	-6,86e-05
12	0,00189	0	0
13	0,00616	1,224	-1,84e-05
14	0,00177	0	0
15	0,00425	1,279	4,12e-06
16	0,00143	0	0
17	0,00264	1,158	2,51e-05
18	0,00147	0	0
19	0,0015	0,869	1,33e-05
20	0,00129	0	0

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21	0	0,642	0
22	0	0	0
23	0,00503	0,665	-1,06e-06
24	0	0	0
25	0,00346	0,721	-6,04e-06
26	0	0	0
27	0,0017	0,725	-4,27e-06
28	0,000955	0	0
29	0,00286	0,747	1,03e-05
30	0,0014	0	0
31	0,00109	0,484	2,59e-06
32	0,00159	0	0
33	0	0,426	0
34	0,00163	0	0
35	0,00187	0,568	-2,19e-06
36	0,00108	0	0
37	0,00209	0,461	-1,91e-06
38	0,001	0	0
39	0,00197	0,476	1,13e-06
40	0	0	0
41	0,00129	0,376	-3,04e-06
42	0	0	0
43	0	0,369	3,22e-06
44	0	0	0
45	0,00193	0,461	1,15e-05
46	0,00104	0	0
47	0,000911	0,357	4,72e-06
48	0,00157	0	0
49	0,0011	0,318	1,87e-06
50	0,00124	0	-6,12e-08

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