

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Zigzag*

Item No: *AZ6528*

Serial No.: *AZ6528*

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6528*

LuminaireName: *Zigzag*

LuminaireNumber: *AZ6528*

FileName: *AZ6528.ldt*

Date: *2025-08-06*

Dimensions of luminaire

Length: *1200 mm*

Width: *220 mm*

Height: *1000 mm*

Dimensions of luminous area

Length: *1200 mm*

Width: *220 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

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Number of lamps: -1
Type of lamps: LED
Total luminous flux: 2618,64 lm
Color temperatur: 2851 K
Color rendering index: 82,13
Wattage including ballast: 42,05 W

Utilization factors:

k = 0.60	0,190
k = 0.80	0,255
k = 1.00	0,316
k = 1.25	0,379
k = 1.50	0,431
k = 2.00	0,516
k = 2.50	0,571
k = 3.00	0,615
k = 4.00	0,678
k = 5.00	0,722

Electrical parameters

U = 229,582 V
I = 0,194 A
P = 42,053 W
Power factor = 0,944

Power apparent = 44,572 VA
Power Reactive = -14,764 var
Frequency Voltage = 50,002 Hz
THD = 12,825 %

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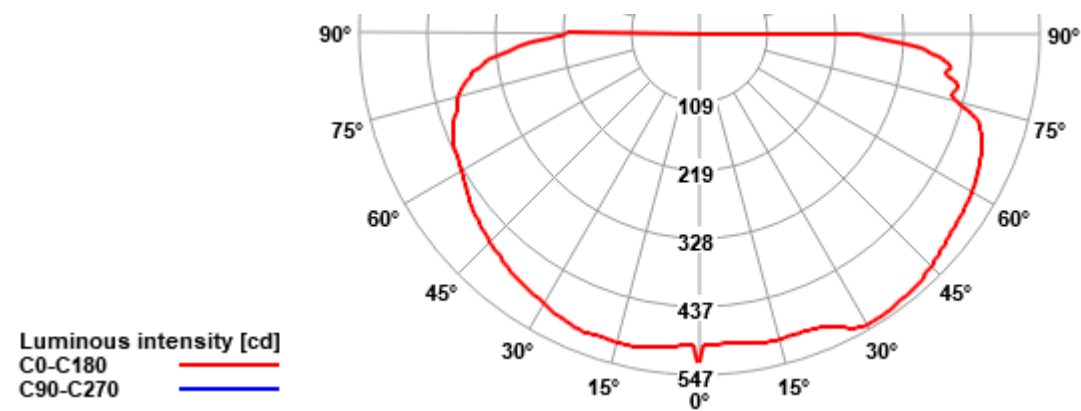
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2618,64 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	543,76 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	62,27 lm/W

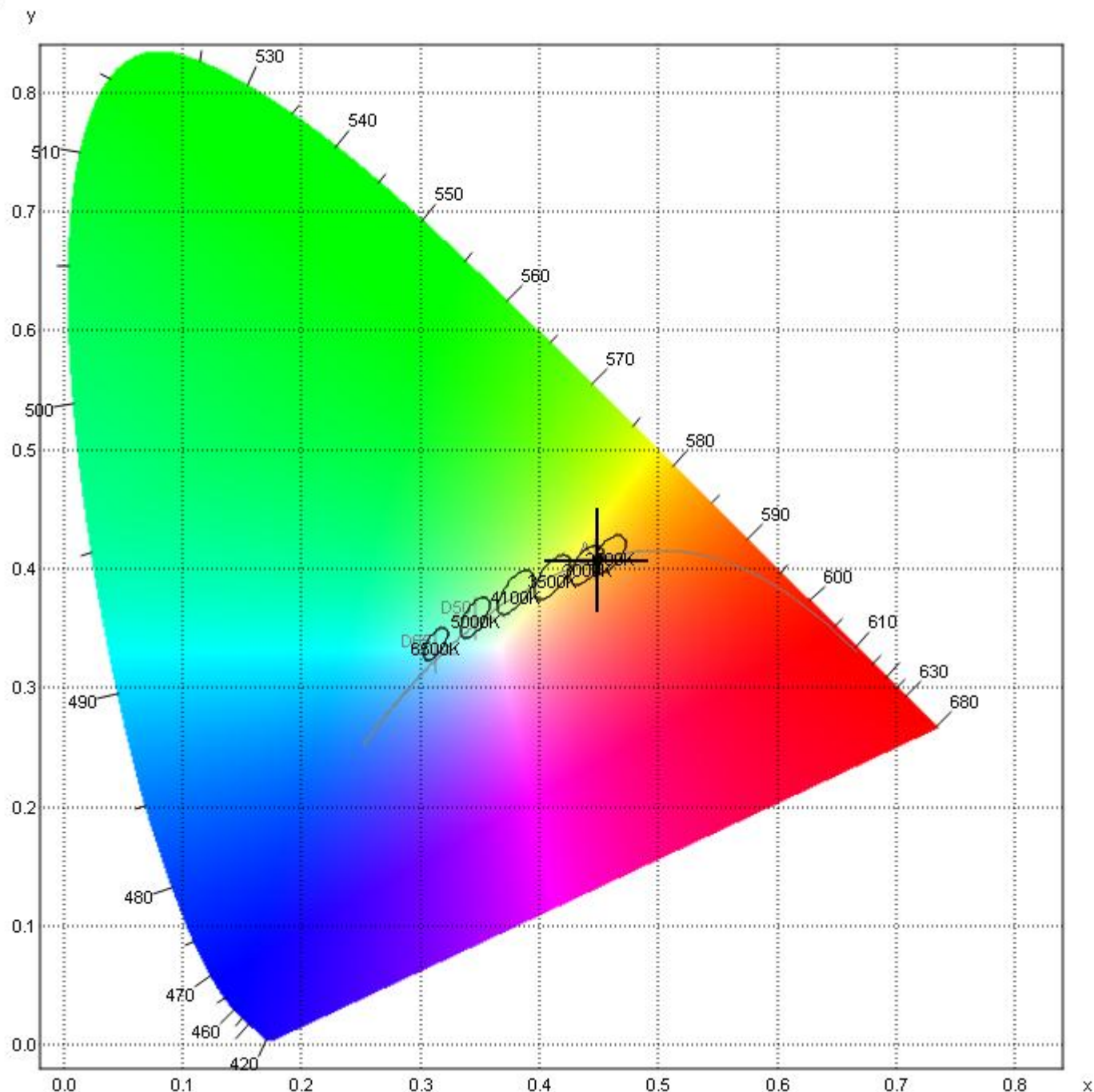
Light intensity distribution diagram



CIE 1931 diagram

x	0,4477
y	0,4073
Angular Colour Uniformity	0,0014

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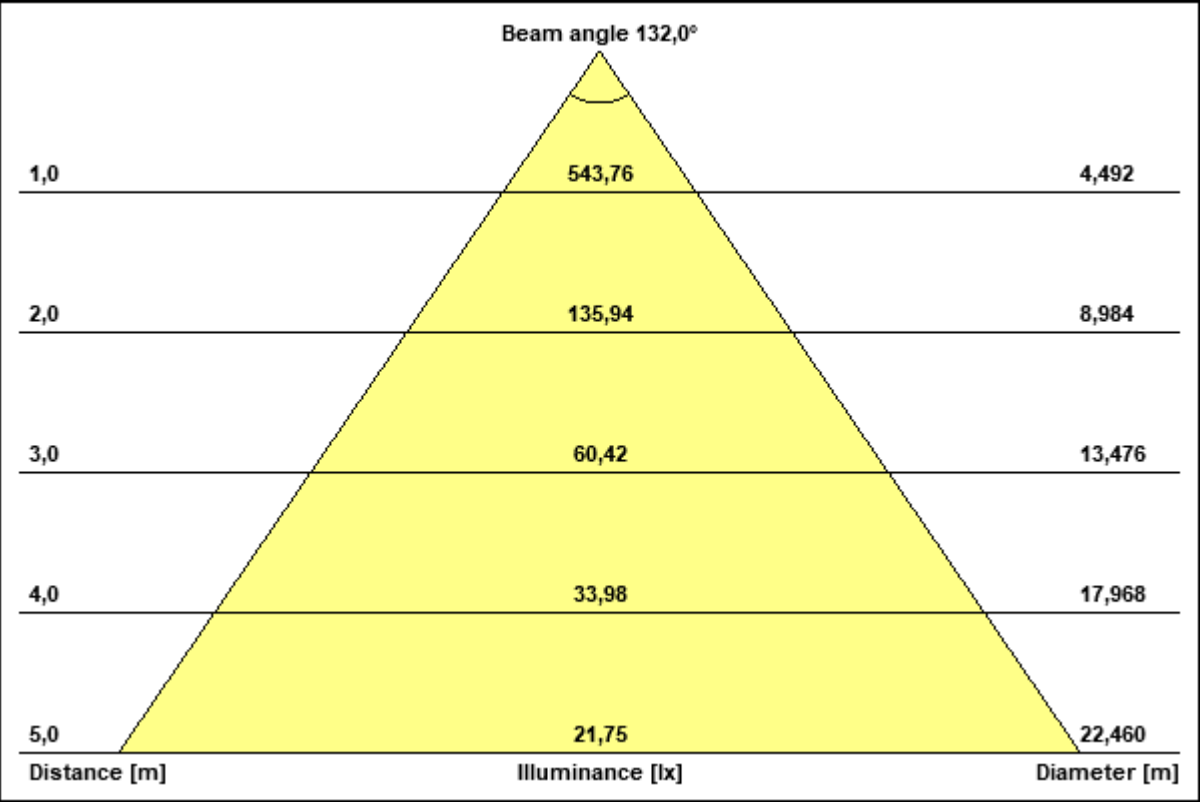
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Beam cone



Stabilization

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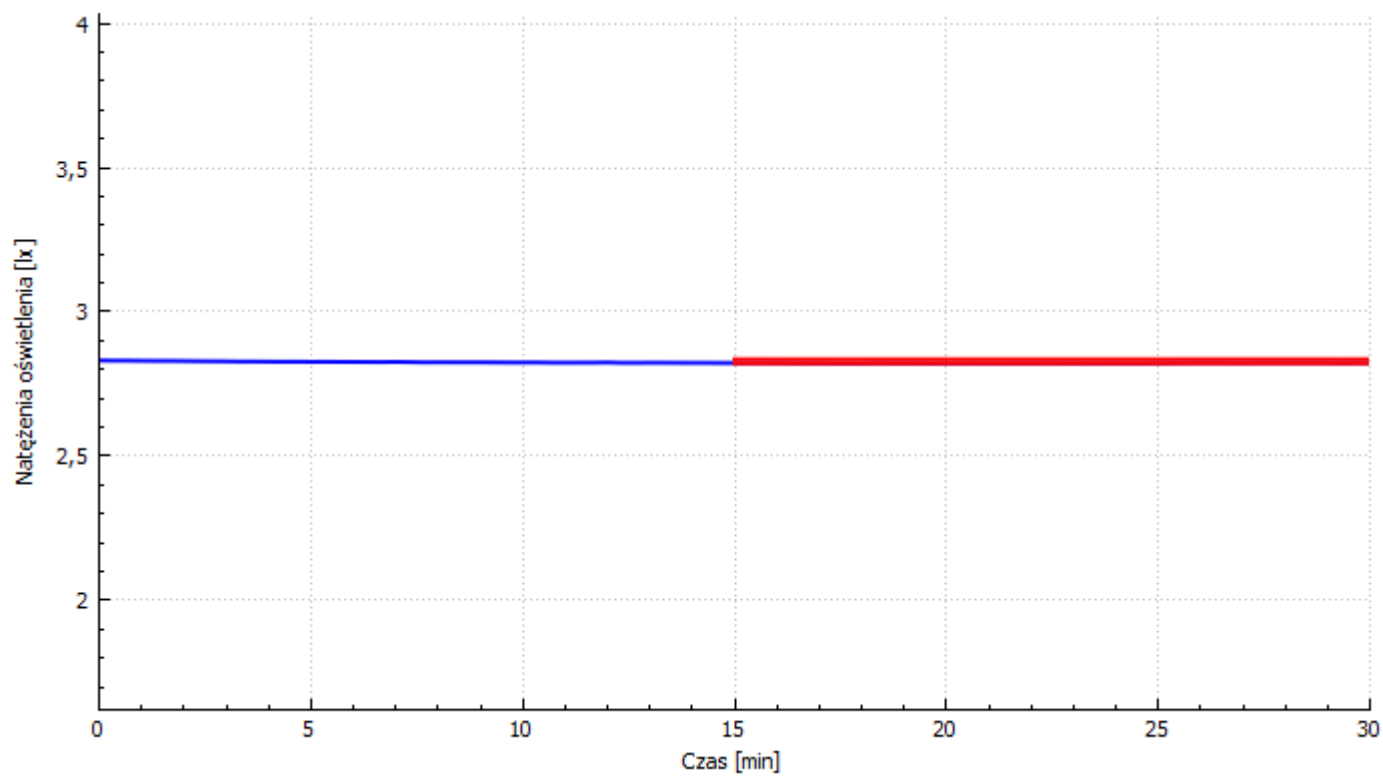
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3D Chart

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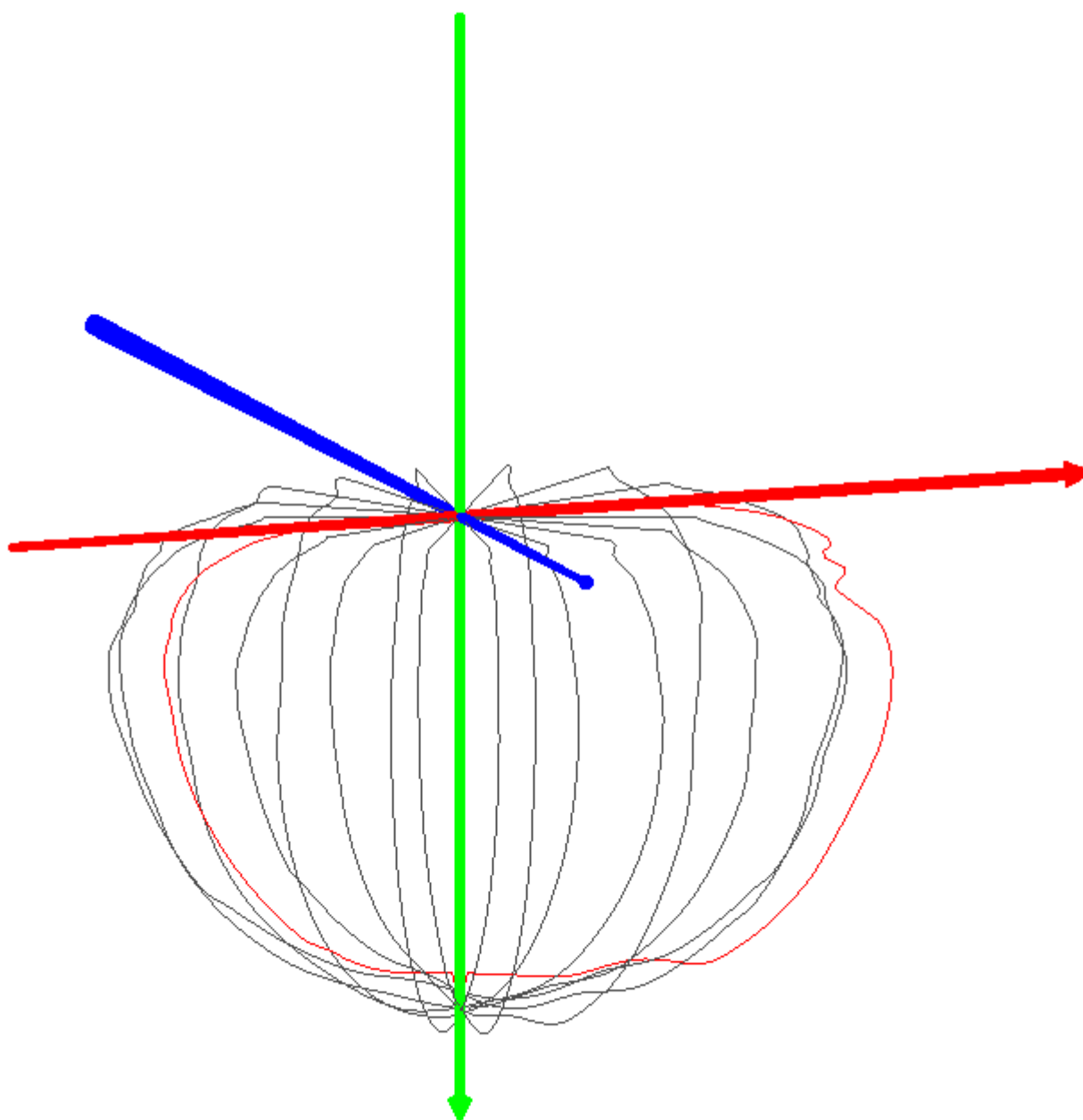
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,0016	0,042	-3,52e-07
1	100,000	100,000	100,000
2	0,00473	0,0893	-4,62e-07
3	0,0174	11,238	0,00182
4	0,00245	0,0997	-5,12e-08
5	0,00284	2,299	7,97e-06
6	0,00125	0,092	-4,04e-07
7	0,00236	3,277	5,99e-05
8	0	0,0519	0
9	0,00579	3,268	0,000107
10	0	0,0549	0
11	0,00766	2,038	2,11e-05
12	0	0,0381	0
13	0,00526	1,016	1,09e-05
14	0	0,0464	0
15	0,00329	0,998	2,51e-05
16	0	0,045	0
17	0,00238	1,024	2,29e-05
18	0	0,0471	5,61e-07
19	0,00111	0,905	1,1e-05
20	0	0,0517	0

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21	0,00165	0,794	-5,29e-06
22	0	0,0735	0
23	0,00541	0,777	2,03e-05
24	0	0,0744	0
25	0,0044	0,707	1,03e-05
26	0	0,0499	0
27	0,00221	0,478	1,78e-06
28	0	0,0434	0
29	0,00243	0,538	1,44e-05
30	0	0,0565	0
31	0,00127	0,496	2,37e-06
32	0,000839	0,0652	3,03e-07
33	0,00122	0,401	-1,85e-06
34	0	0,0264	0
35	0,00208	0,556	4,35e-06
36	0	0,0932	1,95e-07
37	0,00327	0,414	3,39e-06
38	0	0,145	0
39	0,00299	0,351	5,08e-06
40	0,000884	0,149	0
41	0,0023	0,386	1,97e-06
42	0	0,0936	0
43	0,00169	0,299	3,79e-06
44	0,00104	0,0773	-2,21e-07
45	0	0,337	2,82e-06
46	0,000884	0,0653	1,5e-07
47	0	0,376	1,48e-06
48	0	0,0702	5,59e-08
49	0,00279	0,345	2,85e-06
50	0	0,116	0

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