

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Spark Waves Pendant 150cm + RC*
Item No: *AZ6564*
Serial No.: *AZ6564*
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6564_CW*
LuminaireName: *Spark Waves Pendant 150cm + RC*
LuminaireNumber: *AZ6564*
FileName: *AZ6564_CW.Idt*
Date: *2025-08-12*

Dimensions of luminaire

Length: *1500 mm*
Width: *220 mm*
Height: *1000 mm*

Dimensions of luminous area

Length: *1500 mm*
Width: *220 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

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: 5738,29 lm
Color temperatur: 4076 K
Color rendering index: 81,75
Wattage including ballast: 97,29 W

Utilization factors:

k = 0.60	0,137
k = 0.80	0,222
k = 1.00	0,297
k = 1.25	0,376
k = 1.50	0,438
k = 2.00	0,535
k = 2.50	0,598
k = 3.00	0,646
k = 4.00	0,712
k = 5.00	0,755

Electrical parameters

U = 229,617 V
I = 0,433 A
P = 97,292 W
Power factor = 0,978

Power apparent = 99,498 VA
Power Reactive = -20,861 var
Frequency Voltage = 50,002 Hz
THD = 10,881 %

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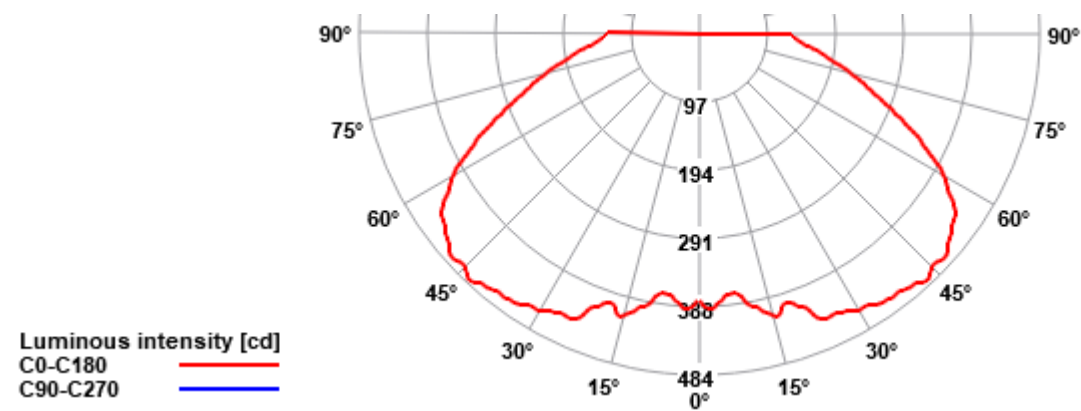
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	5738,29 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	2817,56 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	58,98 lm/W

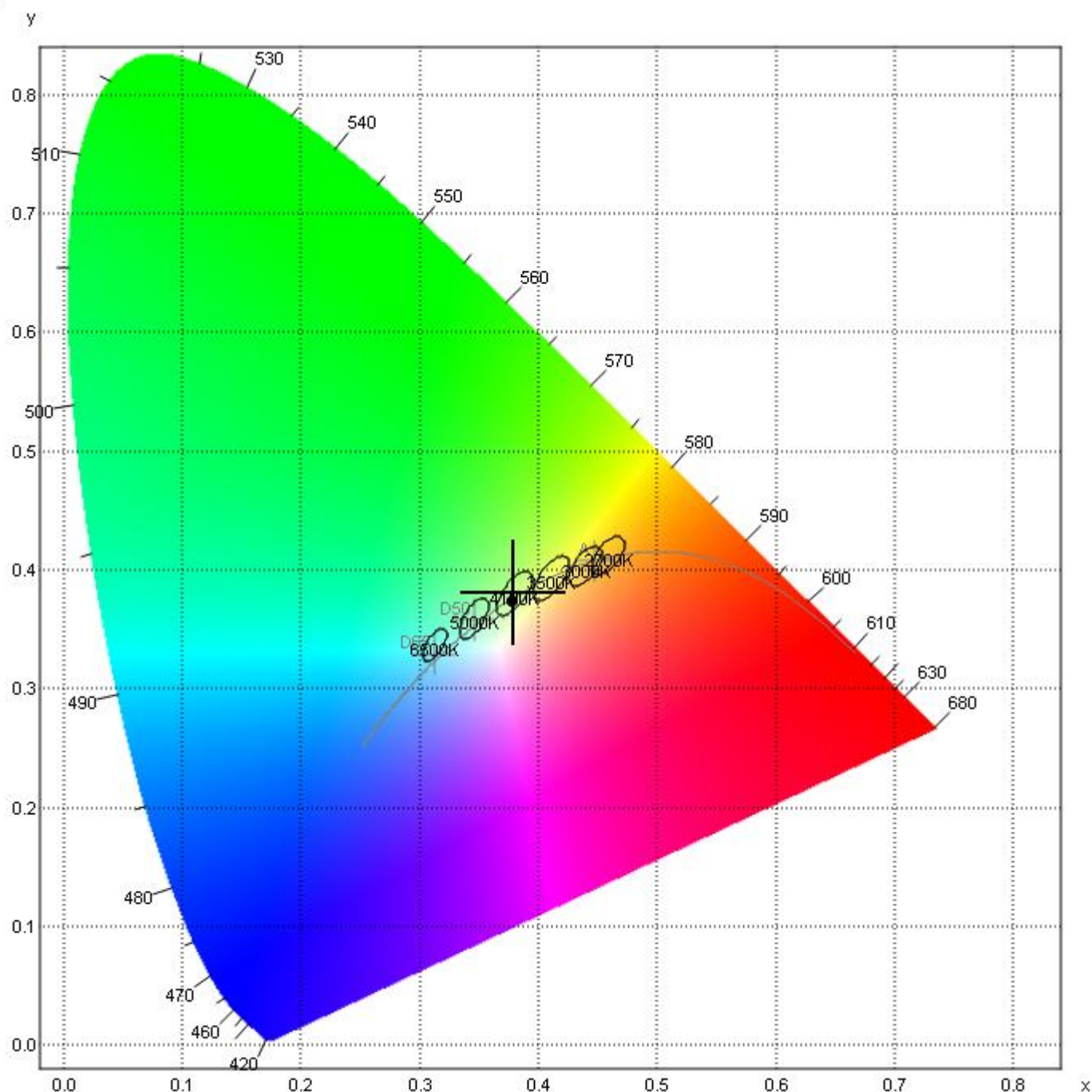
Light intensity distribution diagram



CIE 1931 diagram

x	0,3789
y	0,3816
Angular Colour Uniformity	0,0061

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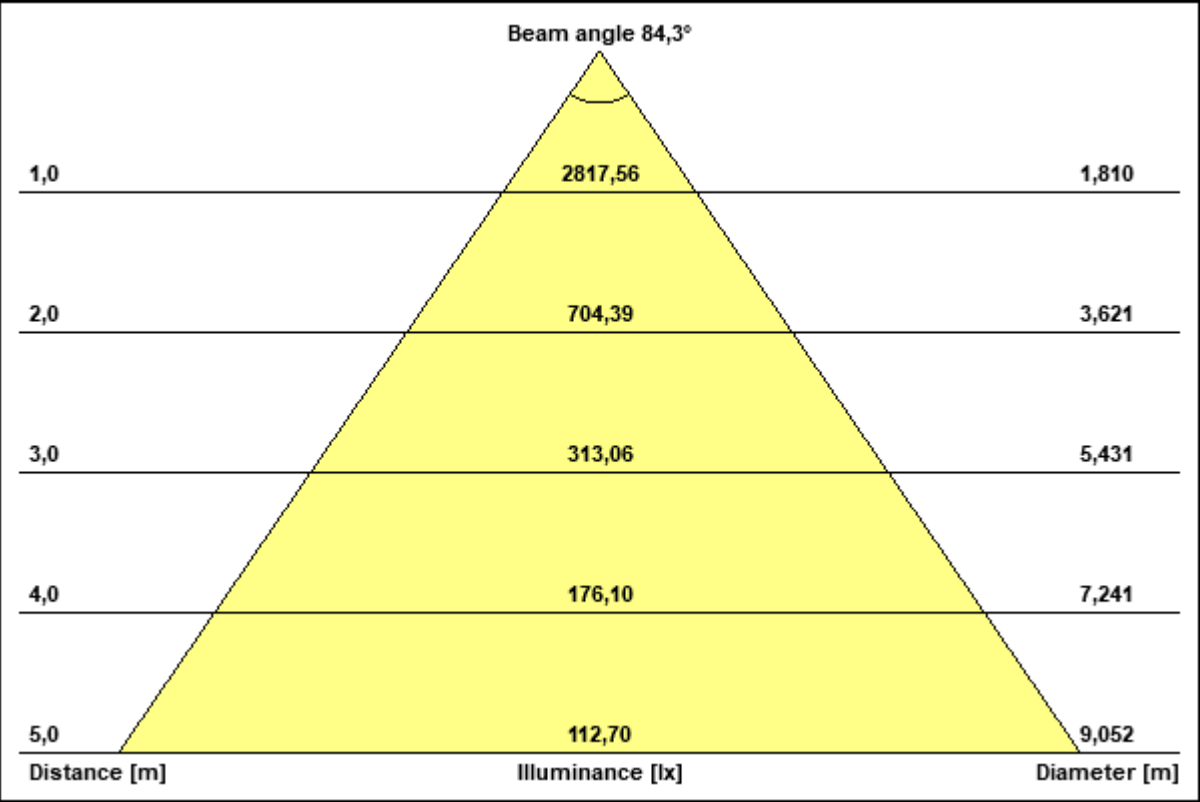
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Beam cone



Stabilization

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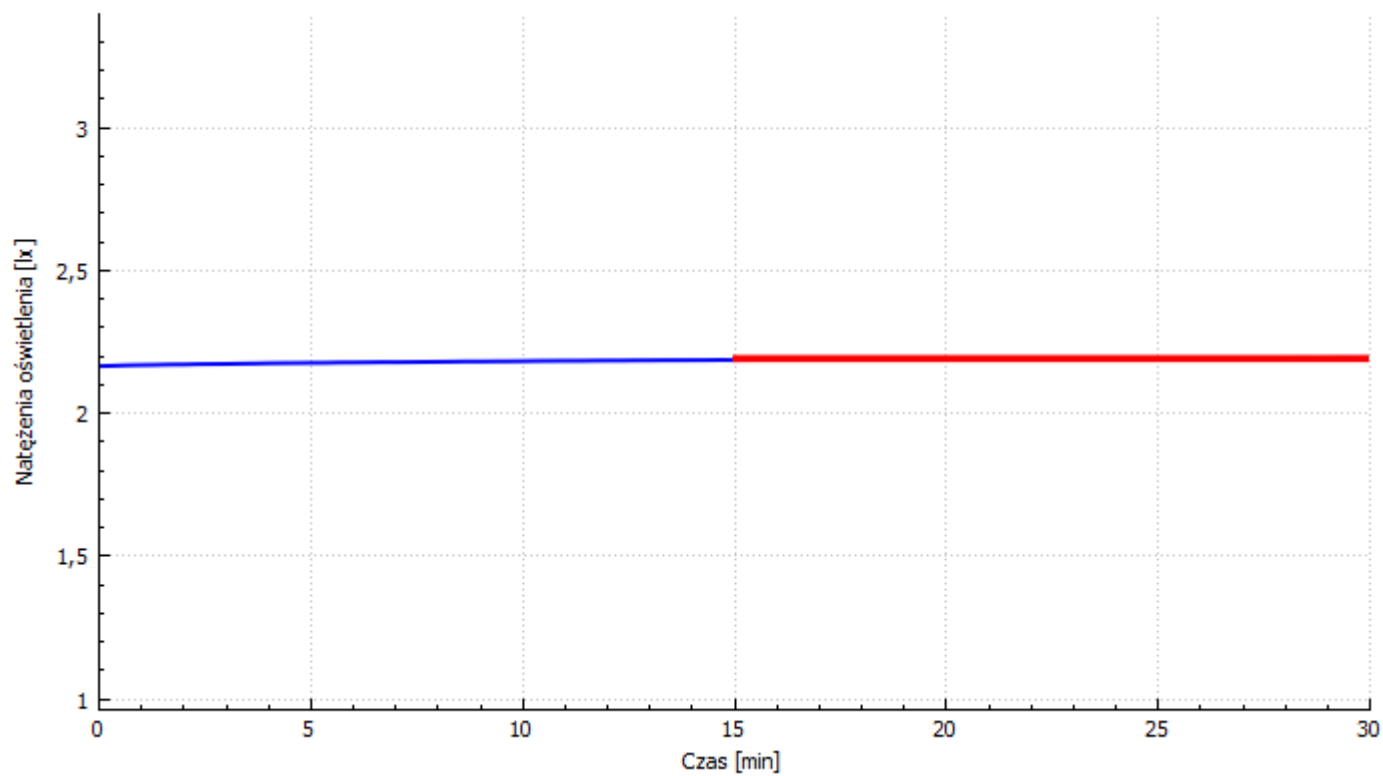
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3D Chart

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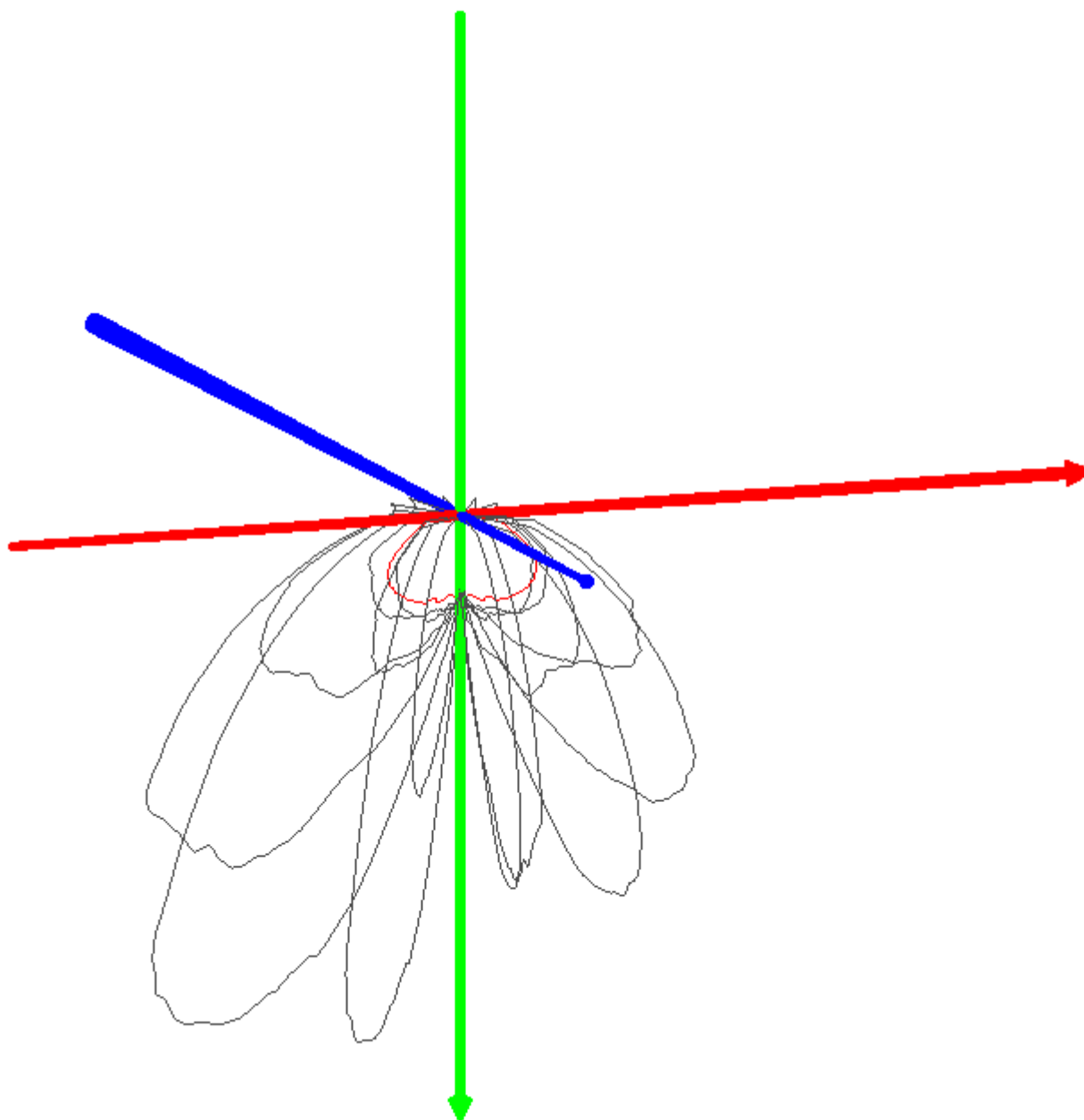
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00749	0,106	-6,65e-06
1	100,000	100,000	100,000
2	0,00326	0,0716	1,07e-06
3	0,037	8,987	0,00329
4	0,00222	0,0507	-1,03e-06
5	0,00985	3,940	0,000414
6	0,000901	0,033	1,55e-07
7	0,00956	2,992	0,000242
8	0	0,0403	0
9	0,00852	2,169	0,000152
10	0	0,0346	0
11	0,00979	1,629	5,99e-05
12	0	0,0357	0
13	0,00778	1,128	4,17e-05
14	0	0,0533	0
15	0,00489	0,787	2,21e-05
16	0	0,0609	0
17	0,00404	0,520	1,49e-05
18	0	0,0376	0
19	0,00213	0,374	8,39e-06
20	0	0,0527	0

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21	0	0,462	2,09e-06
22	0	0,0358	0
23	0,00598	0,557	1,72e-05
24	0	0,0314	0
25	0,005	0,584	7,72e-06
26	0	0,0345	0
27	0,00535	0,583	7,89e-06
28	0	0,0314	8,19e-08
29	0,0063	0,524	1,18e-05
30	0	0,0288	1,89e-07
31	0,0047	0,468	9,63e-06
32	0	0,037	0
33	0,00337	0,379	6,44e-06
34	0	0,0396	0
35	0,00311	0,375	8,49e-06
36	0	0,0534	3,36e-07
37	0,00322	0,420	4,33e-06
38	0	0	0
39	0,00473	0,379	2,29e-06
40	0	0,0407	0
41	0,00768	0,441	3,86e-06
42	0	0,0671	4,04e-07
43	0,00628	0,407	8,24e-06
44	0	0	2,54e-08
45	0,00499	0,410	1,06e-05
46	0	0,0584	-4,51e-07
47	0,00379	0,347	9,08e-06
48	0,000872	0,0274	5,33e-07
49	0,00126	0,296	4,44e-07
50	0	0	0

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