

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_WW*
LuminaireName: *Spark Waves Pendant 150cm + RC*
LuminaireNumber: *AZ6564*
FileName: *AZ6564_WW.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:

GL Optic R&D Center Sp. z o.o.
ul. Poznańska 70
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: 5298,98 lm
Color temperatur: 2984 K
Color rendering index: 82,36
Wattage including ballast: 97,32 W

Utilization factors:

k = 0.60	0,138
k = 0.80	0,224
k = 1.00	0,299
k = 1.25	0,377
k = 1.50	0,440
k = 2.00	0,536
k = 2.50	0,599
k = 3.00	0,646
k = 4.00	0,712
k = 5.00	0,755

Electrical parameters

U = 229,614 V
 I = 0,434 A
 P = 97,317 W
Power factor = 0,978

Power apparent = 99,518 VA
Power Reactive = -20,857 var
Frequency Voltage = 50,002 Hz
THD = 10,708 %

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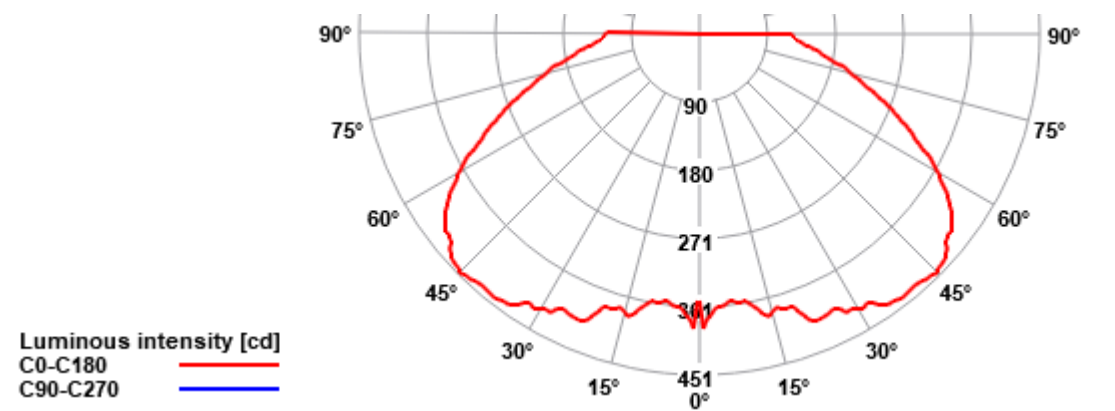
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	5298,98 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	2664,12 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	54,45 lm/W

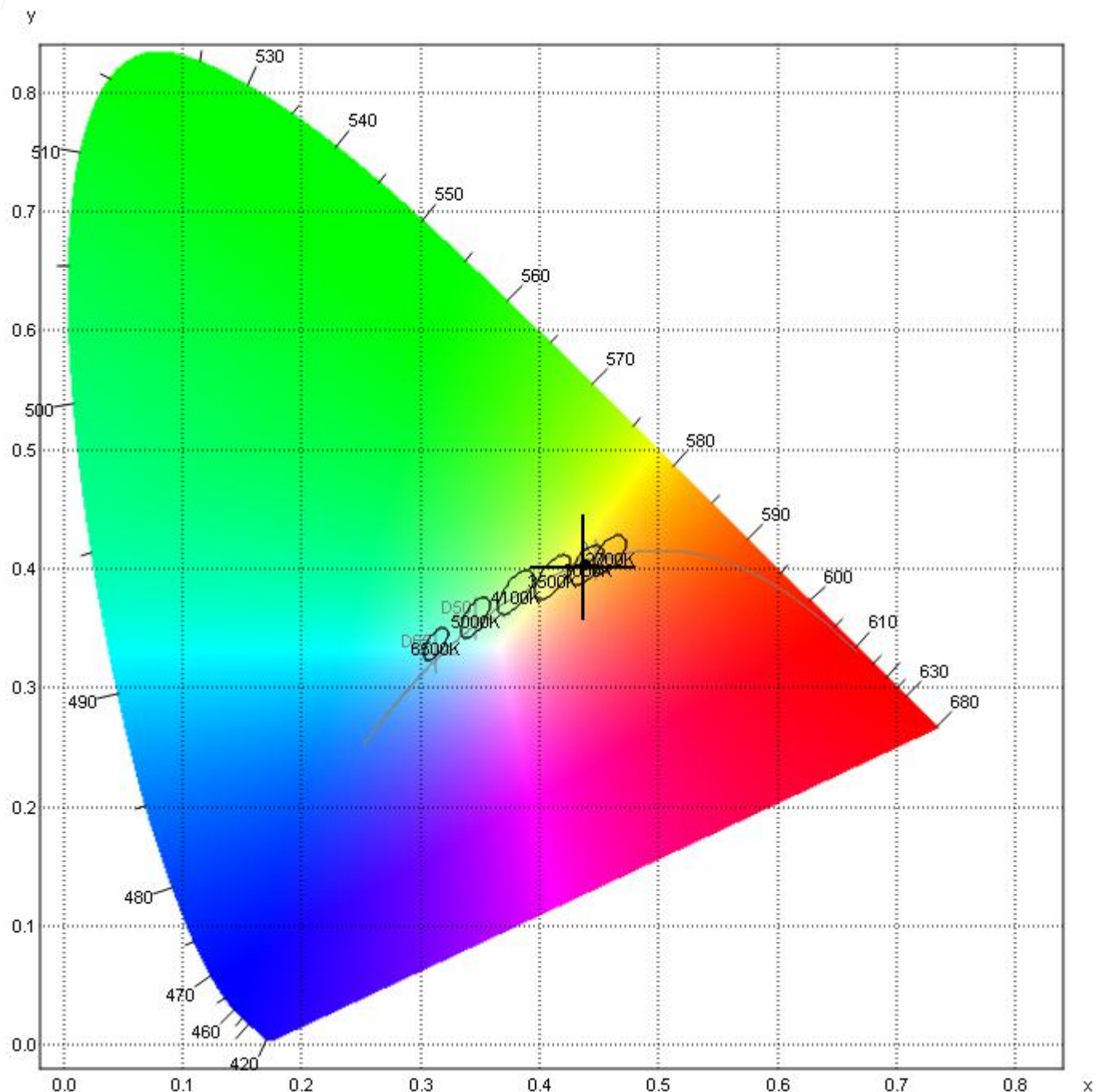
Light intensity distribution diagram



CIE 1931 diagram

x	0,4363
y	0,4009
Angular Colour Uniformity	0,0046

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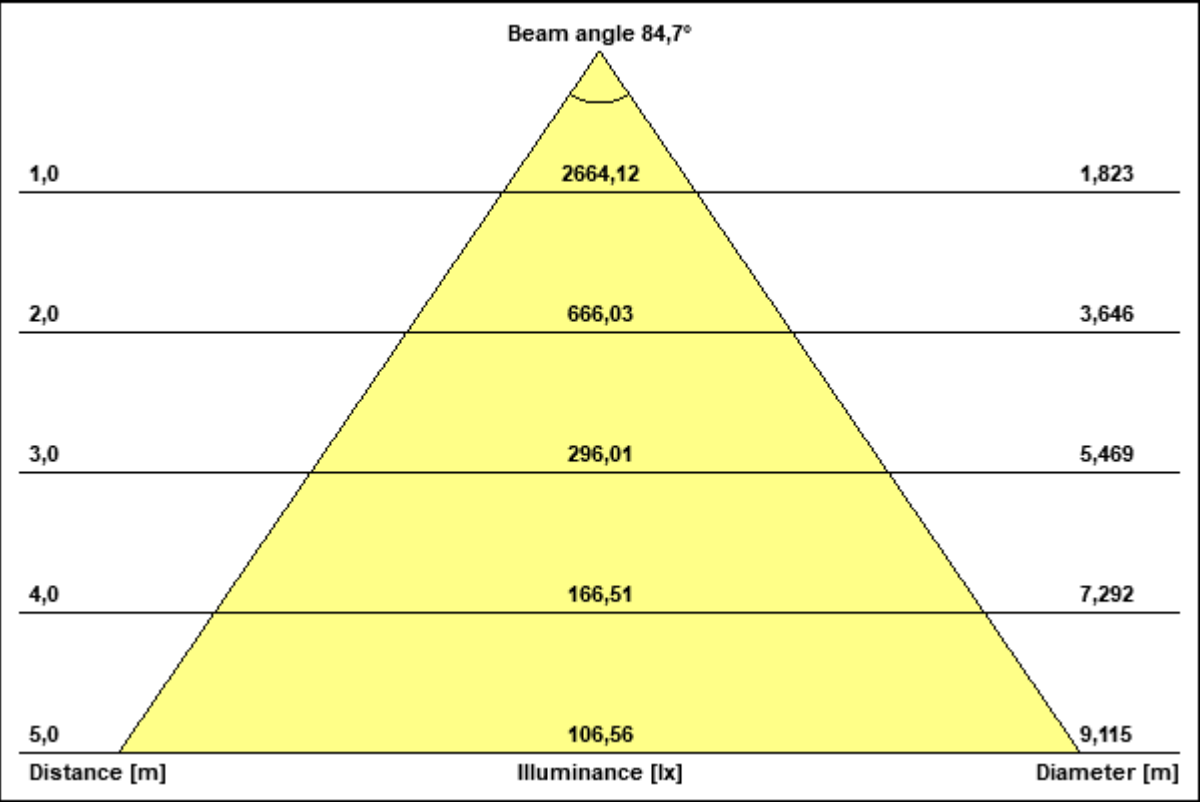
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Beam cone



Stabilization

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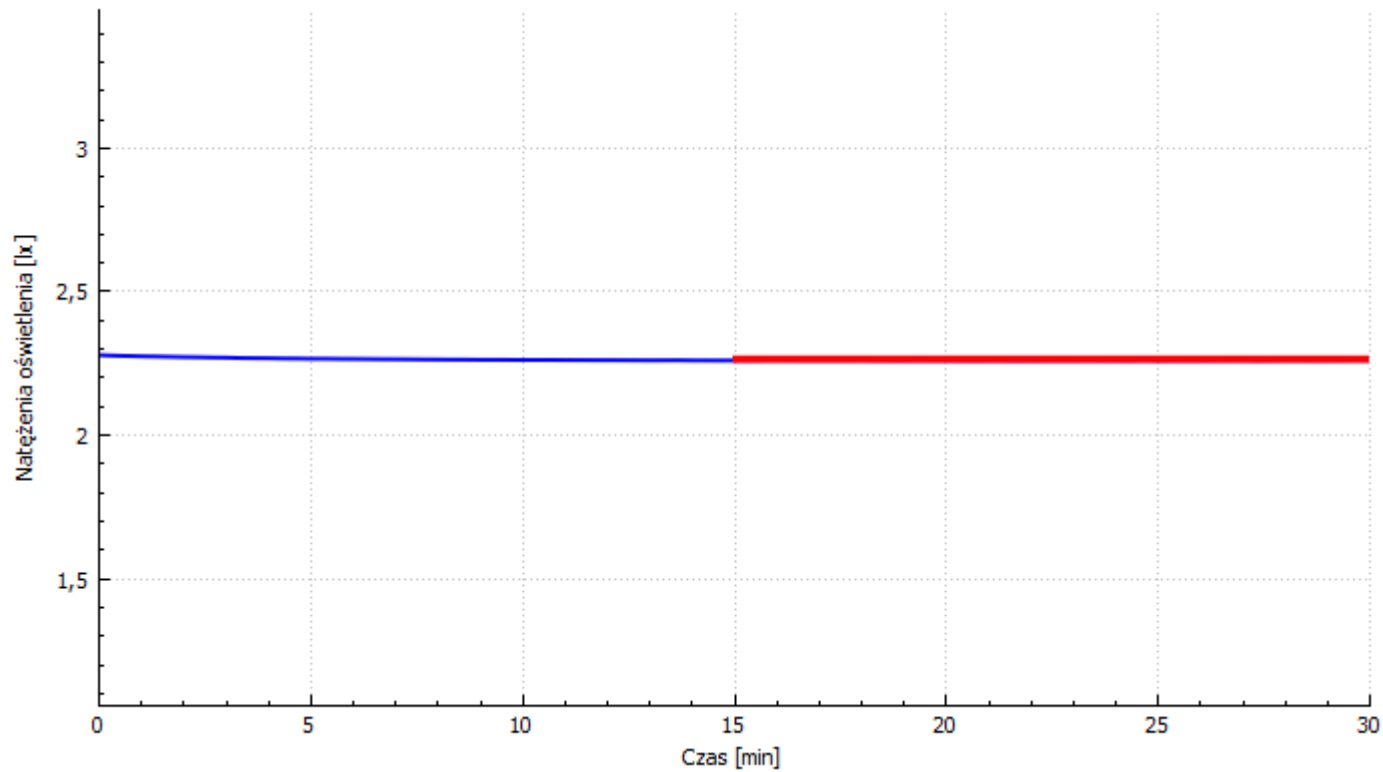
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3D Chart

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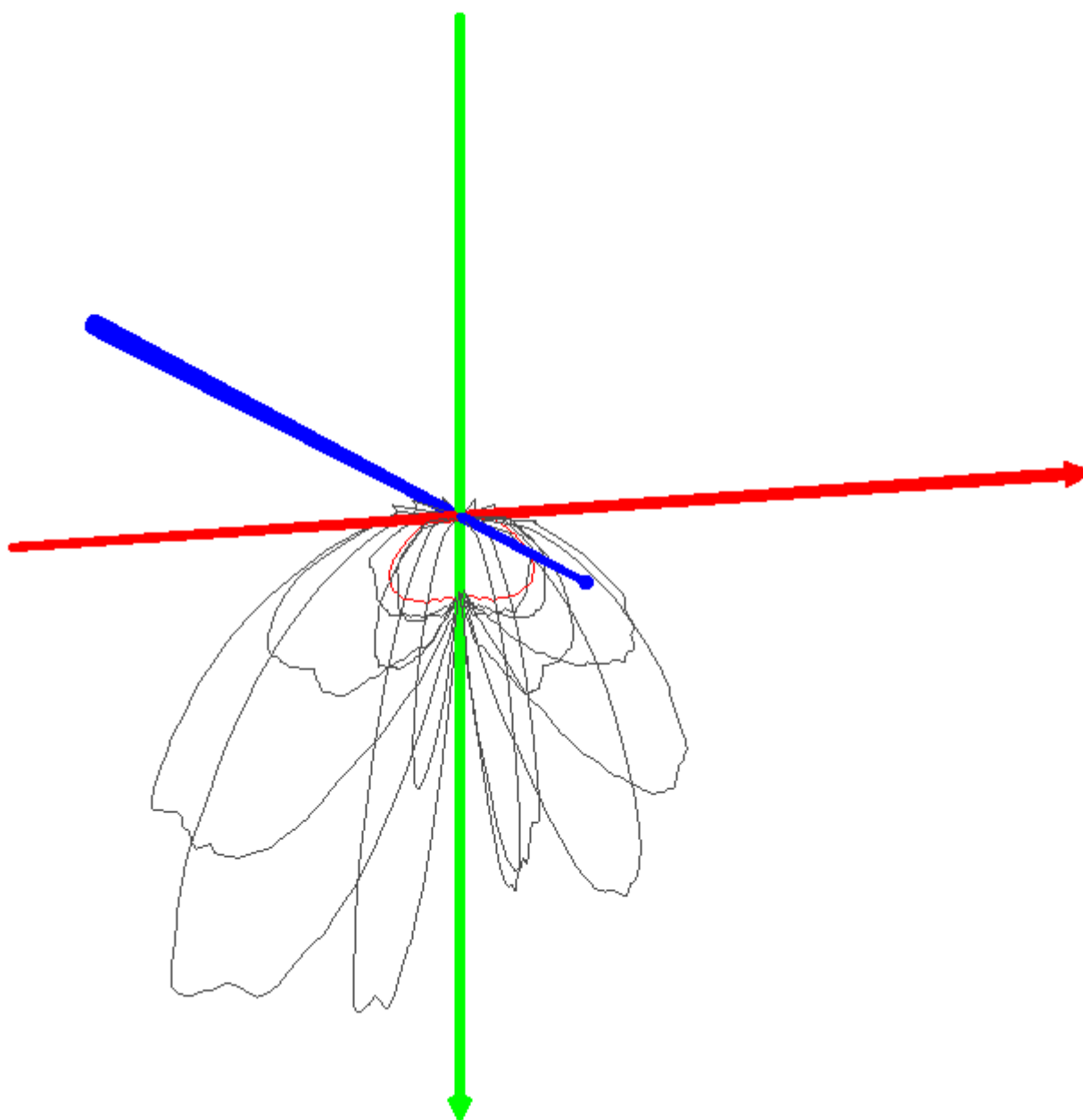
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00632	0,206	1,07e-05
1	100,000	100,000	100,000
2	0,00363	0,0552	-1,49e-06
3	0,0373	8,765	0,00328
4	0,00162	0,0432	1,36e-06
5	0,00968	3,839	0,00036
6	0	0,0465	0
7	0,00922	2,904	0,000234
8	0	0,0516	0
9	0,00887	2,139	0,000141
10	0	0,0492	0
11	0,0104	1,636	5,61e-05
12	0,000939	0,0559	0
13	0,00775	1,169	4,11e-05
14	0	0,0511	2,25e-07
15	0,00519	0,801	2,67e-05
16	0	0,037	0
17	0,0035	0,581	1,8e-05
18	0	0,0453	0
19	0,00291	0,367	1,06e-05
20	0	0,047	0

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21	0,000901	0,487	2,65e-06
22	0	0,0476	0
23	0,00601	0,517	1,15e-05
24	0,000839	0,0612	0
25	0,00506	0,585	1,98e-06
26	0	0,0308	0
27	0,00543	0,584	2,93e-06
28	0,00134	0,0507	1,37e-07
29	0,00595	0,589	1,22e-05
30	0	0	4,08e-07
31	0,00535	0,472	1,4e-05
32	0,000958	0,0382	0
33	0,00419	0,394	1,11e-05
34	0,00106	0,0295	0
35	0,0036	0,378	8e-06
36	0,00135	0,0423	0
37	0,00382	0,373	4,02e-06
38	0	0,0439	-5,83e-09
39	0,00362	0,421	-1,27e-06
40	0,00102	0,0661	0
41	0,00697	0,427	-3,39e-06
42	0,00118	0,05	3,81e-07
43	0,00679	0,403	5,94e-06
44	0	0,057	0
45	0,00502	0,384	1,25e-05
46	0,00124	0,0944	0
47	0,00417	0,308	1,1e-05
48	0,001	0,0738	-4,83e-08
49	0,00279	0,278	6,48e-06
50	0,00145	0,0421	-2,46e-07

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