

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Portofino 80*

Item No: *AZ5638*

Serial No.: *AZ5638*

Made by: *A. Nawrot*

Eulumat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ5638*

LuminaireName: *Portofino 80*

LuminaireNumber: *AZ5638*

FileName: *AZ5638.ldt*

Date: *2025-08-13*

Dimensions of luminaire

Length: *800 mm*

Width: *0 mm*

Height: *1000 mm*

Dimensions of luminous area

Length: *800 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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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: 1304,87 lm
Color temperatur: 2984 K
Color rendering index: 83,59
Wattage including ballast: 38,44 W

Utilization factors:

k = 0.60	0,285
k = 0.80	0,368
k = 1.00	0,441
k = 1.25	0,514
k = 1.50	0,570
k = 2.00	0,658
k = 2.50	0,708
k = 3.00	0,746
k = 4.00	0,799
k = 5.00	0,833

Electrical parameters

<i>U</i>	= 229,598 V
<i>I</i>	= 0,172 A
<i>P</i>	= 38,442 W
<i>Power factor</i>	= 0,973

<i>Power apparent</i>	= 39,526 VA
<i>Power Reactive</i>	= -9,185 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 5,783 %

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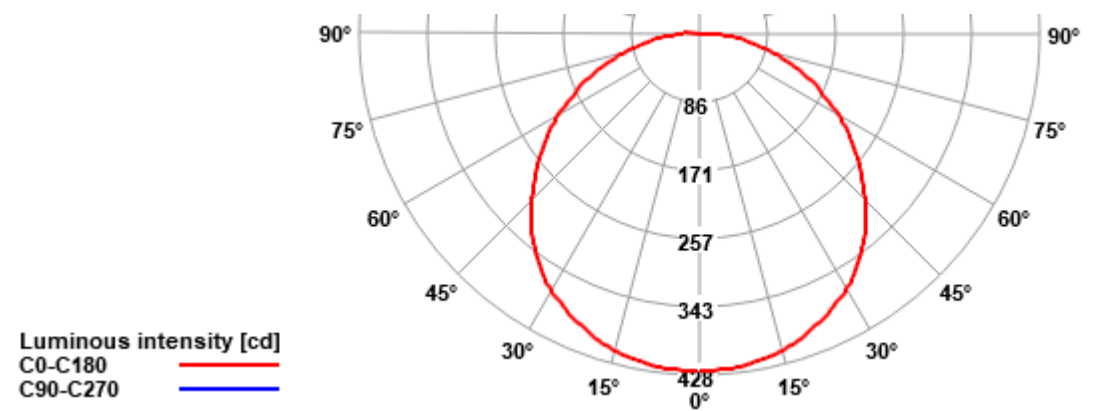
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1304,87 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	424,08 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	33,95 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4372
y	0,4028
Angular Colour Uniformity	0,0009

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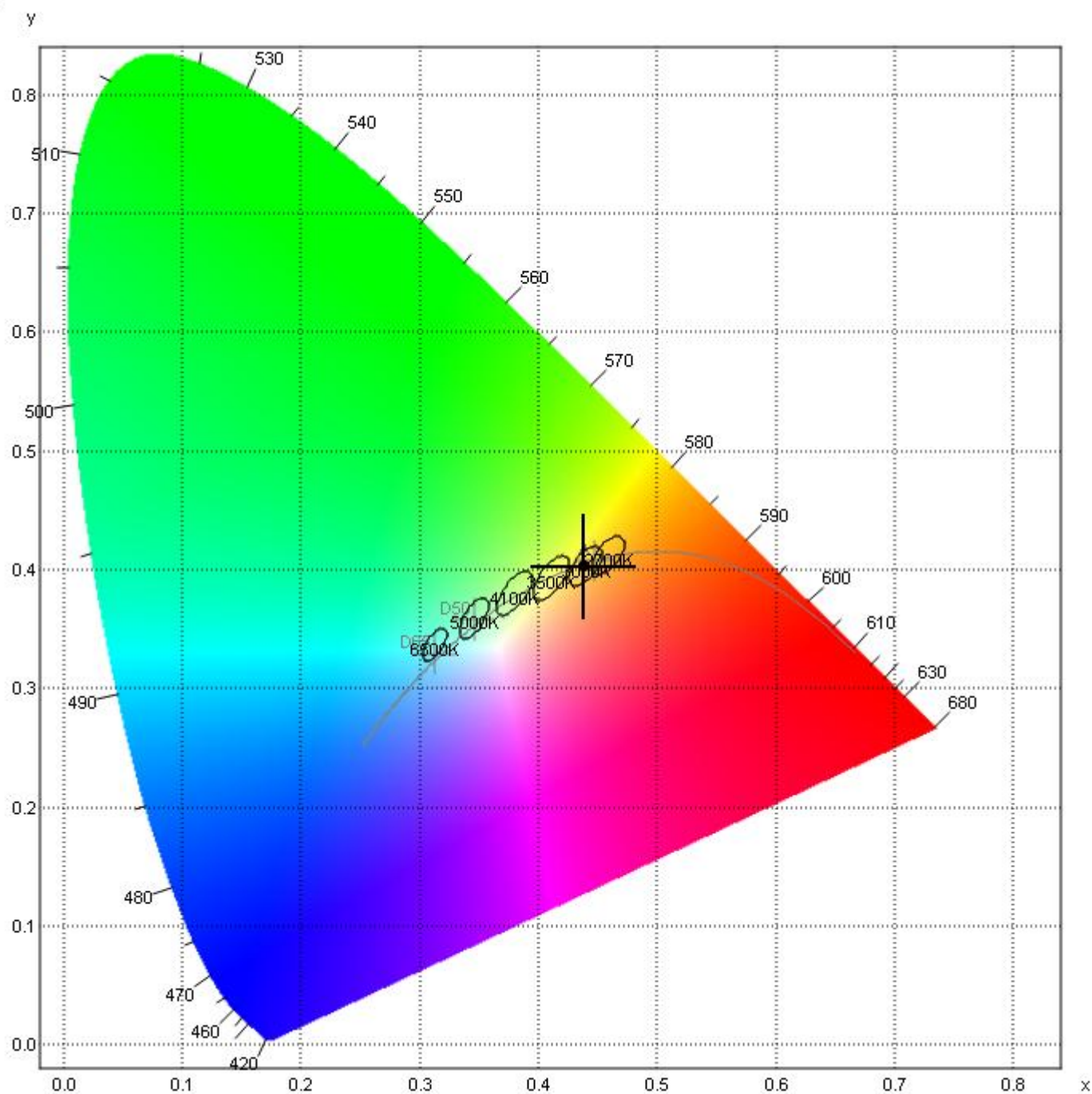
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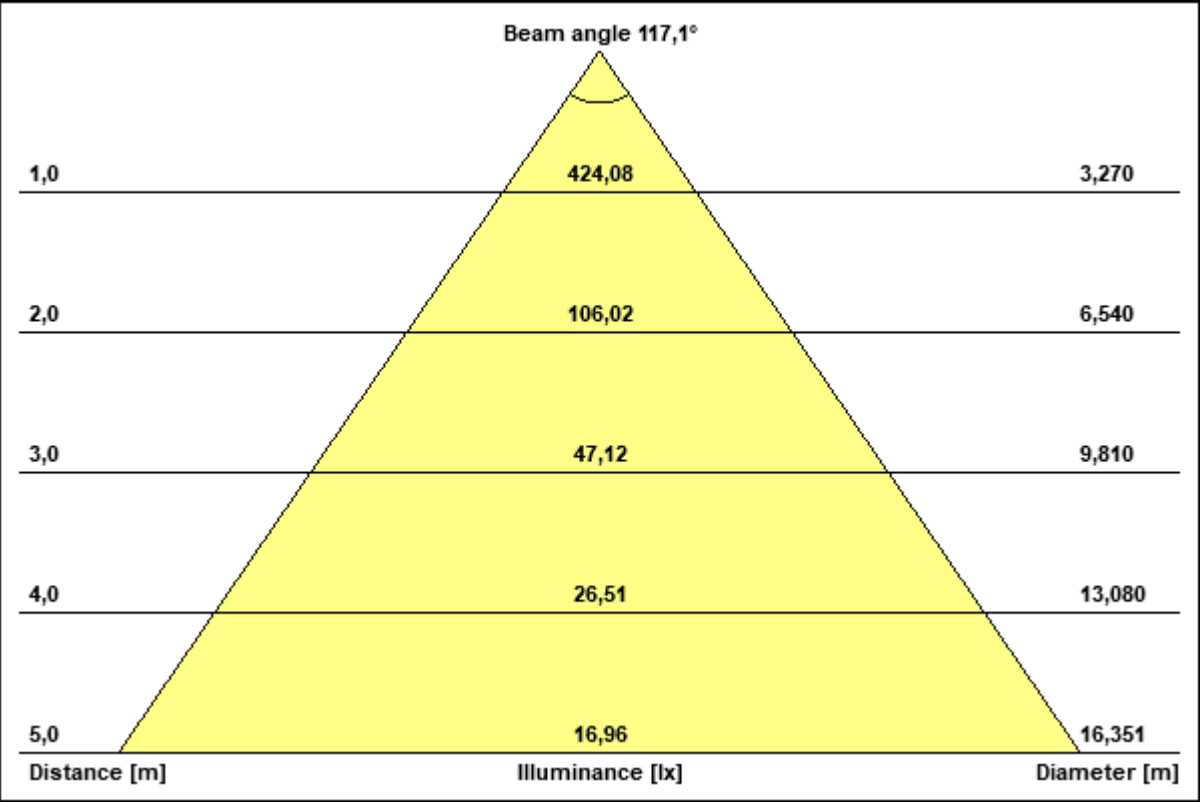
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Beam cone



Stabilization

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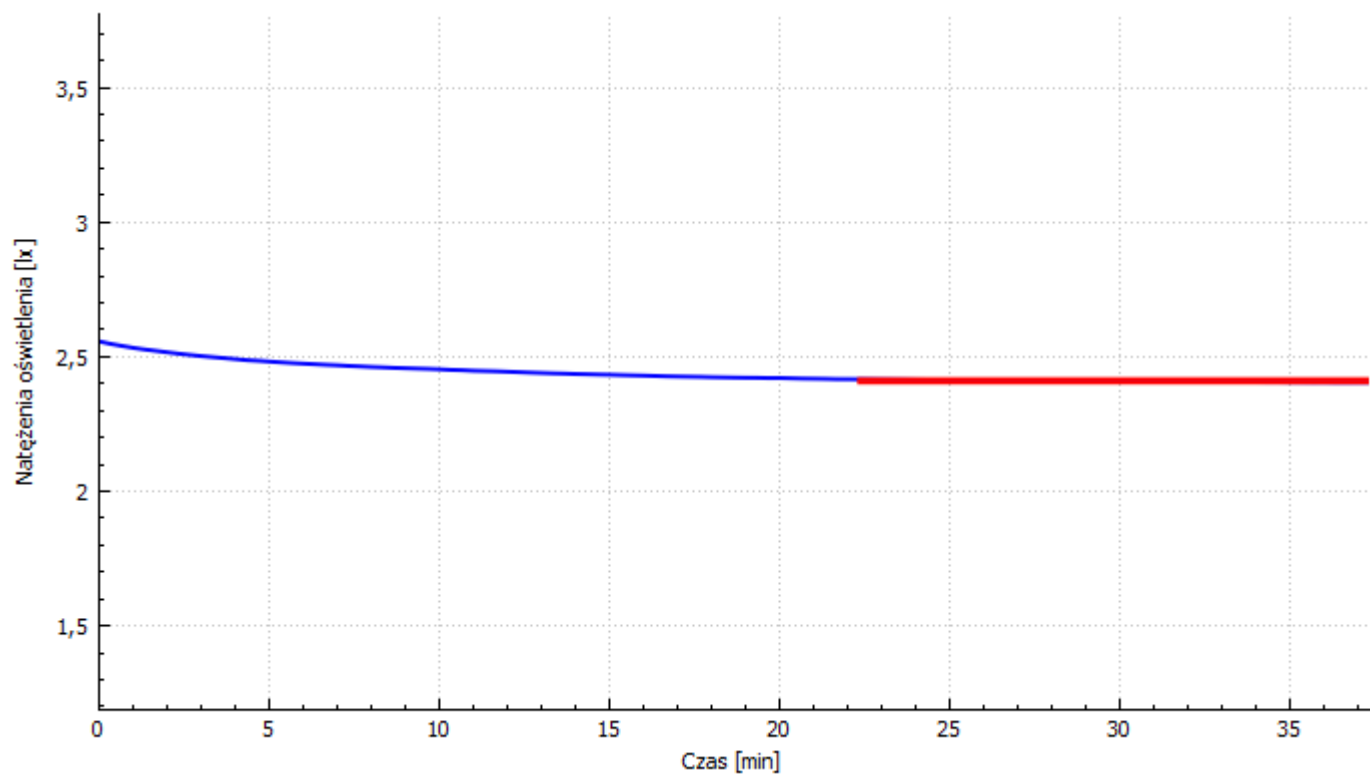
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3D Chart

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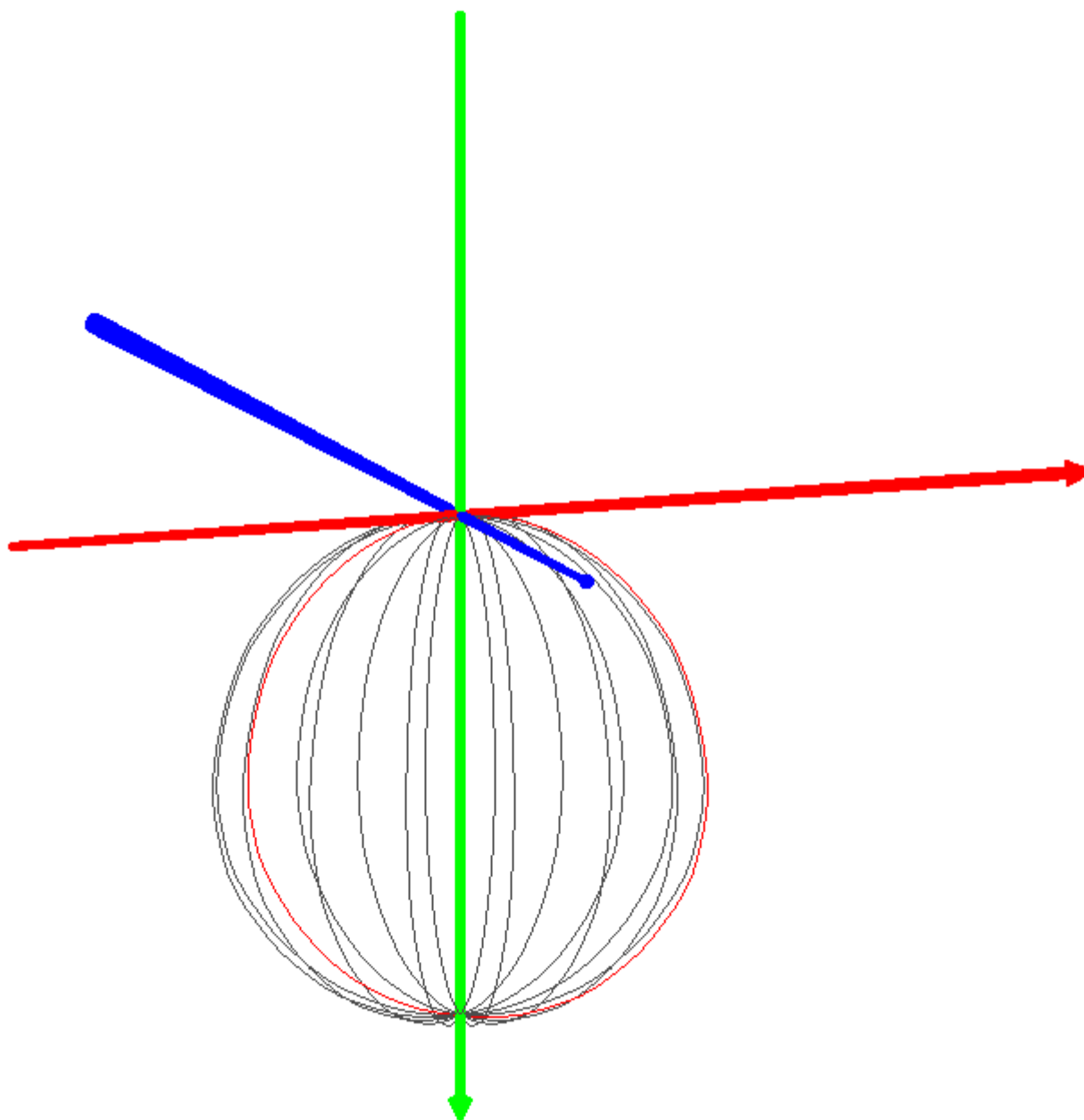
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,015	0	0
1	100,000	100,000	100,000
2	0,00763	0	0
3	0	3,110	-7,16e-05
4	0,00247	0	0
5	0,00657	2,790	-0,000178
6	0,00169	0	0
7	0,00392	1,248	-4e-05
8	0,0017	0	0
9	0,00164	1,905	-2e-05
10	0,00135	0	0
11	0,0063	2,377	4,61e-05
12	0,00136	0	0
13	0,00412	1,309	8,92e-06
14	0,00115	0	0
15	0	0,410	2,81e-06
16	0,000956	0	0
17	0,00169	0,346	5,97e-06
18	0	0	0
19	0,00108	0,481	1,03e-05
20	0	0	0

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21	0,00124	0,666	1,06e-05
22	0	0	0
23	0,00351	0,787	7,07e-07
24	0	0	0
25	0,0015	0,625	-4,75e-07
26	0,000967	0	0
27	0	0,577	0
28	0	0	-4,4e-08
29	0,000894	0,306	0
30	0,000944	0	-3,27e-08
31	0,00127	0,339	-3,03e-06
32	0	0	0
33	0,00188	0,342	-2,65e-07
34	0	0	0
35	0,00257	0,413	6,6e-06
36	0,000897	0	0
37	0,00134	0,277	1,58e-06
38	0	0	0
39	0,0026	0,339	2,73e-06
40	0	0	0
41	0	0,180	0
42	0	0	0
43	0,0011	0,227	1,19e-06
44	0,000871	0	0
45	0,00195	0,174	1,71e-06
46	0	0	0
47	0,00212	0,308	1,47e-06
48	0	0,027	0
49	0,00169	0,320	5,64e-07
50	0	0,0271	0

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