

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Apus 80*

Item No: *AZ6532*

Serial No.: *AZ6532*

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6532*

LuminaireName: *Apus 80*

LuminaireNumber: *AZ6532*

FileName: *AZ6532.ldt*

Date: *2025-07-18*

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:

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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: 3174,44 lm
Color temperatur: 3109 K
Color rendering index: 93,45
Wattage including ballast: 41,21 W

Utilization factors:

k = 0.60	0,717
k = 0.80	0,761
k = 1.00	0,810
k = 1.25	0,845
k = 1.50	0,872
k = 2.00	0,924
k = 2.50	0,932
k = 3.00	0,945
k = 4.00	0,965
k = 5.00	0,979

Electrical parameters

<i>U</i>	= 229,588 V
<i>I</i>	= 0,182 A
<i>P</i>	= 41,209 W
<i>Power factor</i>	= 0,987

<i>Power apparent</i>	= 41,751 VA
<i>Power Reactive</i>	= -6,632 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 4,530 %

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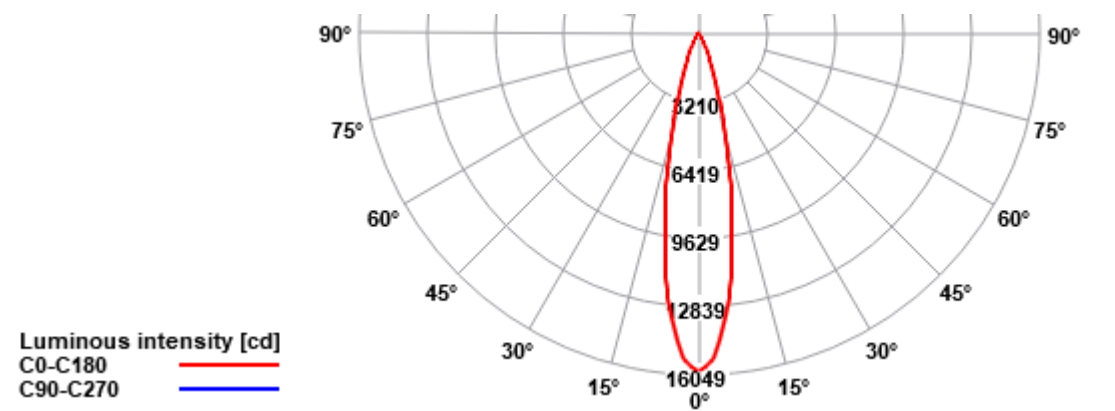
Kapitał 200.000PLN

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	3174,44 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	15889,73 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	77,03 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4302
y	0,4032
Angular Colour Uniformity	0,0079

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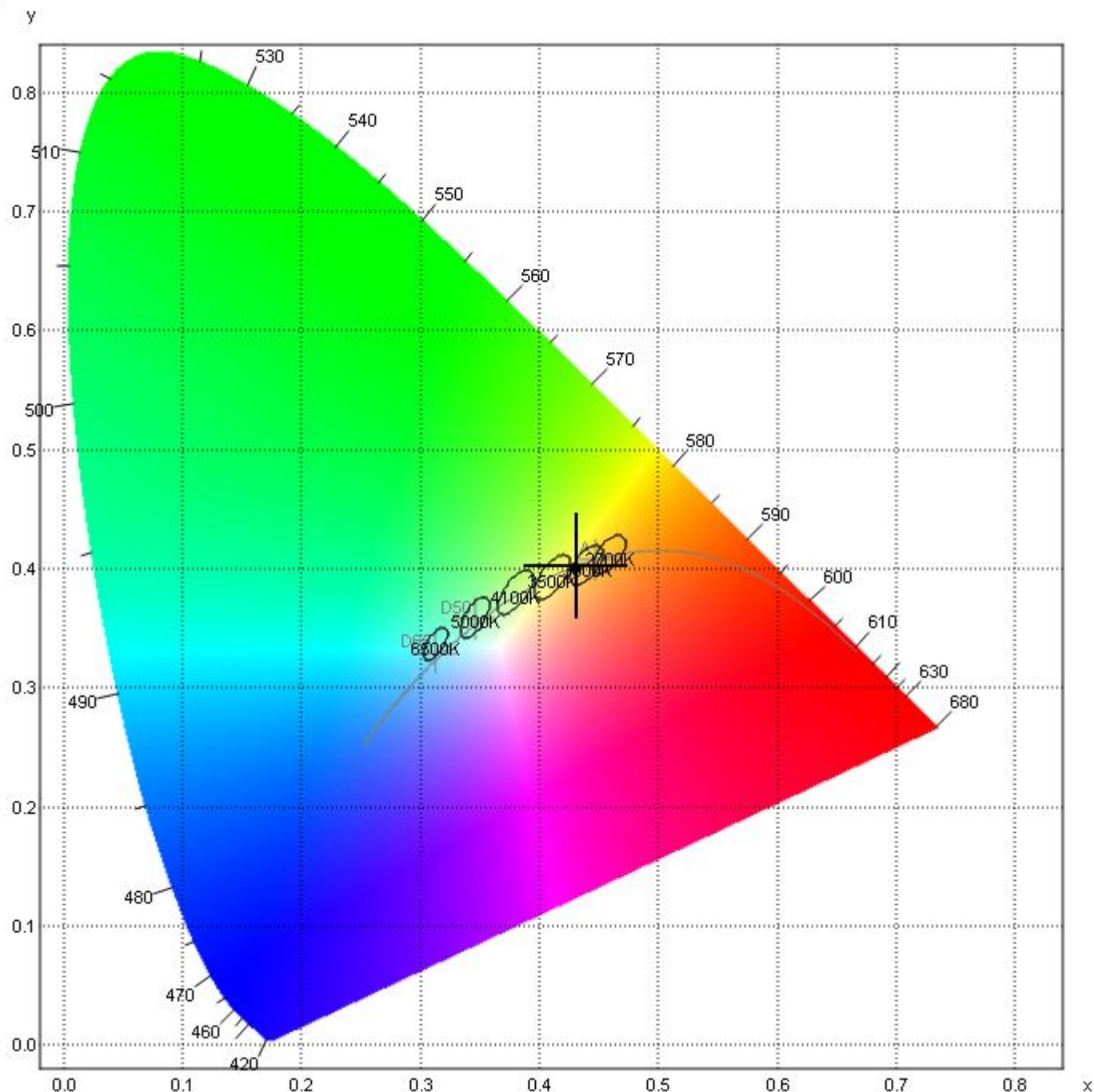
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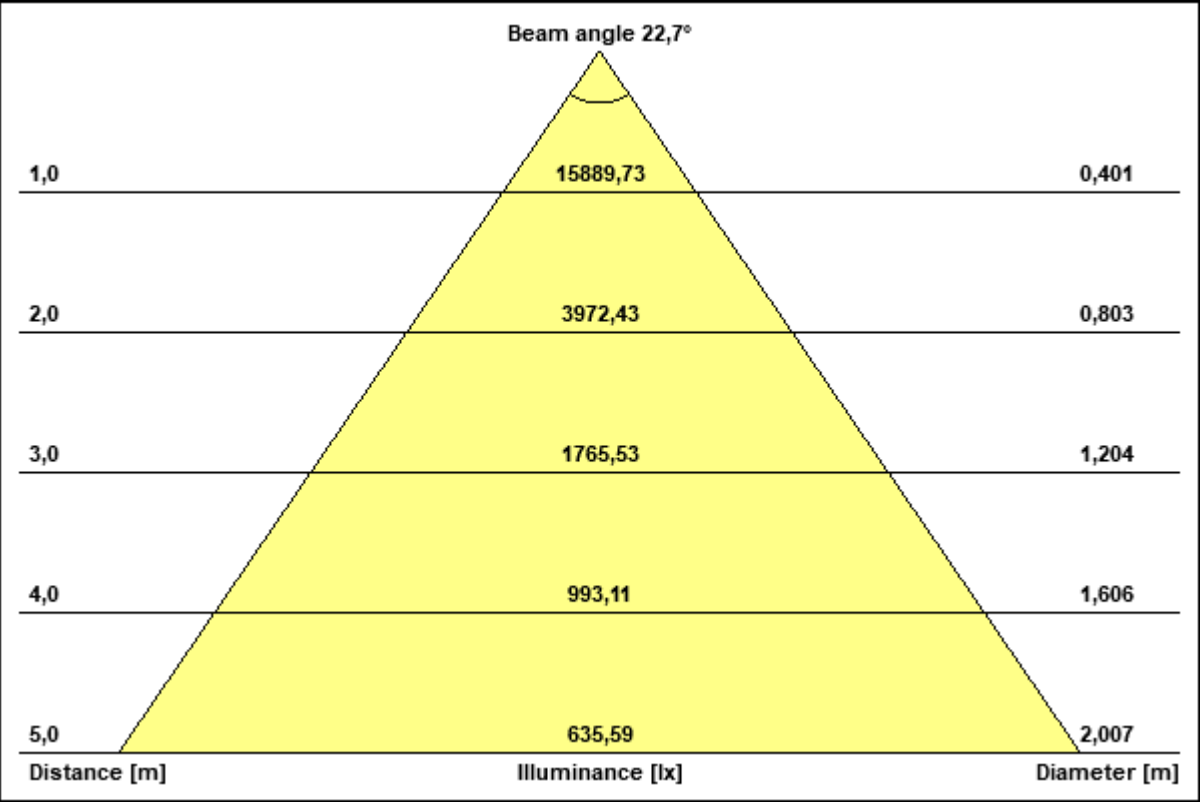
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Beam cone



Stabilization

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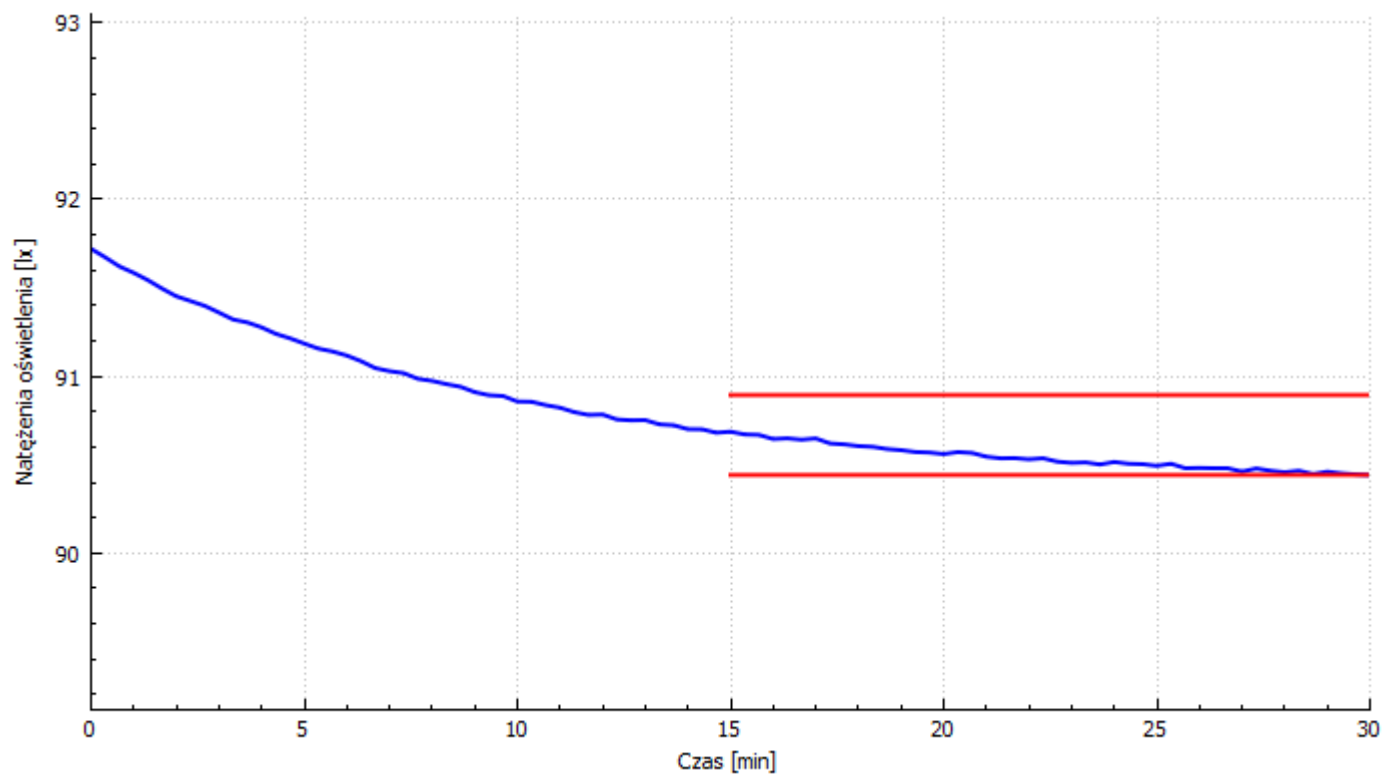
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3D Chart

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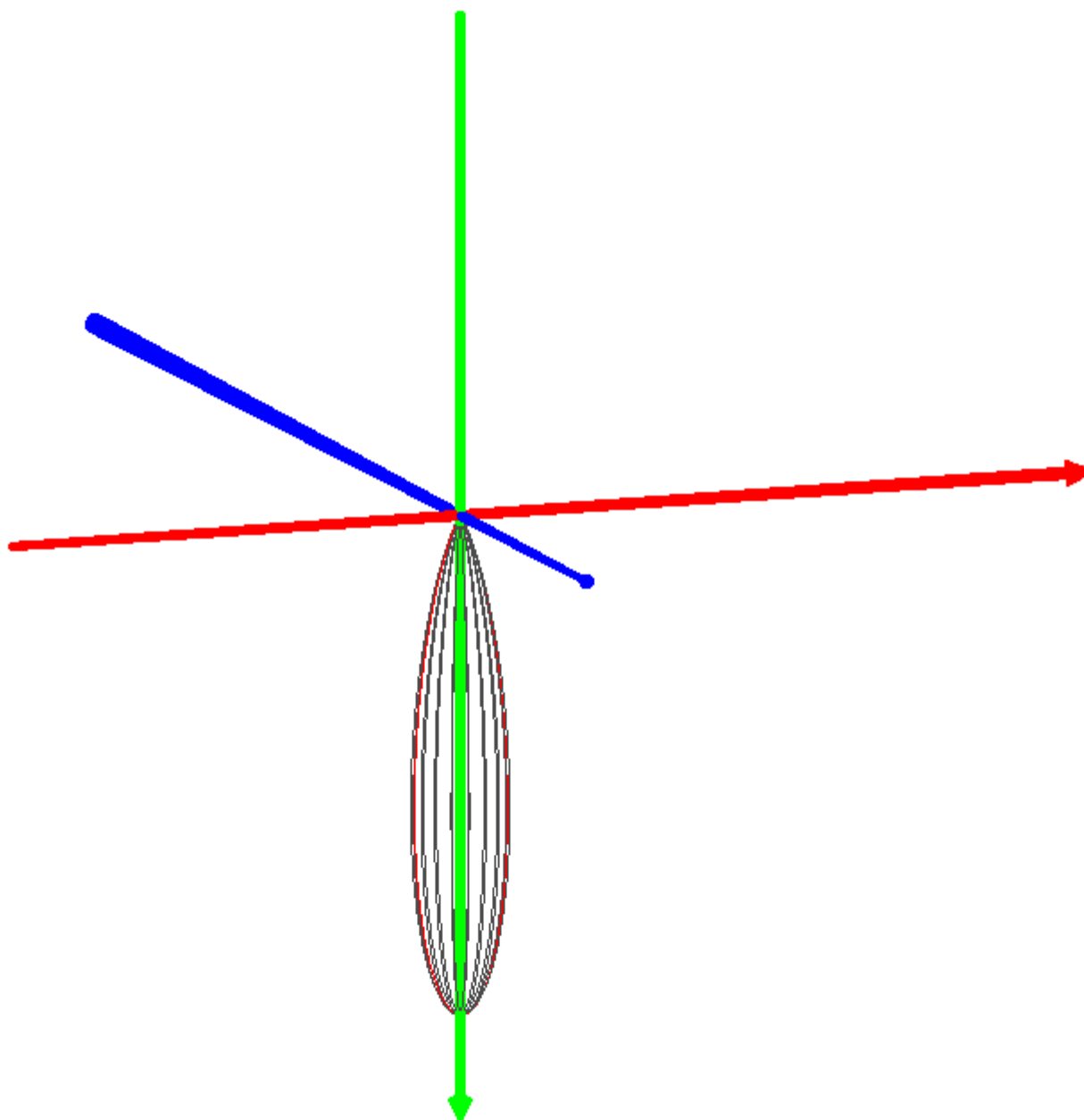
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00711	0	3,41e-06
1	100,000	100,000	100,000
2	0,00972	0	-5,28e-07
3	0,00275	2,296	-4,5e-06
4	0,00339	0	-2,67e-08
5	0,00488	2,884	-0,00012
6	0,00228	0,0348	7,61e-07
7	0,0044	0,877	-2,38e-05
8	0,00187	0,0325	0
9	0,0028	0,211	-1,35e-06
10	0,00158	0	5,32e-07
11	0,00405	1,130	2,9e-05
12	0,00158	0,0288	2,37e-07
13	0,00448	1,567	4,17e-05
14	0,00136	0	1,01e-07
15	0,00286	1,184	1,15e-05
16	0,00116	0	-9,48e-07
17	0,00128	0,631	5,9e-07
18	0,00123	0,0299	1,48e-07
19	0,00135	0,552	8,31e-06
20	0,00121	0	4,72e-07

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21	0	0,371	0
22	0,00114	0	7,36e-08
23	0,00388	0,221	1,33e-06
24	0,000906	0,0443	0
25	0,0018	0,212	2,47e-06
26	0	0,0288	1,92e-07
27	0,00186	0,340	4,85e-06
28	0,000839	0,0284	1,95e-07
29	0,001	0,308	4,05e-06
30	0	0,0498	0
31	0,00153	0,133	1,96e-06
32	0	0,0574	0
33	0,00143	0,0416	6,6e-07
34	0,00108	0	0
35	0	0,0789	0
36	0	0,0327	0
37	0,00113	0,0528	2,73e-07
38	0	0,0387	1,09e-07
39	0	0	1,71e-07
40	0,00089	0,0259	8,25e-08
41	0,00255	0,0296	3,92e-07
42	0,0013	0,0253	2,45e-07
43	0	0,0804	0
44	0,00109	0,0298	0
45	0,00168	0,0781	1,34e-07
46	0,0015	0,0407	4,48e-08
47	0,00262	0,0694	1,04e-06
48	0,00105	0	-1,32e-07
49	0,00223	0,112	2,4e-06
50	0,0016	0,0363	7,6e-07

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