

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Halo 100 BK PENDANT*
Item No: *AZ4962*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4962*
LuminaireName: *Halo 100 WH PENDANT*
LuminaireNumber: *AZ4962*
FileName: *AZ4962.Idt*
Date: *2024-03-06*

Dimensions of luminaire

Length: *1000 mm*
Width: *0 mm*
Height: *1000 mm*

Dimensions of luminous area

Length: *1000 mm*
Width: *0 mm*
C0-plane *0 mm*
C90-plane *0 mm*
C180-plane *0 mm*
C270-plane *0 mm*

Lamps:

Number of lamps: *-1*

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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

Type of lamps: *LED*
Total luminous flux: *3384,03 lm*
Color temperatur: *2966 K*
Color rendering index: *82,55*
Wattage including ballast: *53,35 W*

Utilization factors:

k = 0.60	<i>0,258</i>
k = 0.80	<i>0,330</i>
k = 1.00	<i>0,395</i>
k = 1.25	<i>0,460</i>
k = 1.50	<i>0,512</i>
k = 2.00	<i>0,594</i>
k = 2.50	<i>0,643</i>
k = 3.00	<i>0,683</i>
k = 4.00	<i>0,739</i>
k = 5.00	<i>0,776</i>

Electrical parameters

<i>U</i>	<i>= 229,650 V</i>
<i>I</i>	<i>= 0,243 A</i>
<i>P</i>	<i>= 53,350 W</i>
<i>Power factor</i>	<i>= 0,955</i>

<i>Power apparent</i>	<i>= 55,878 VA</i>
<i>Power Reactive</i>	<i>= -16,616 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 10,814 %</i>

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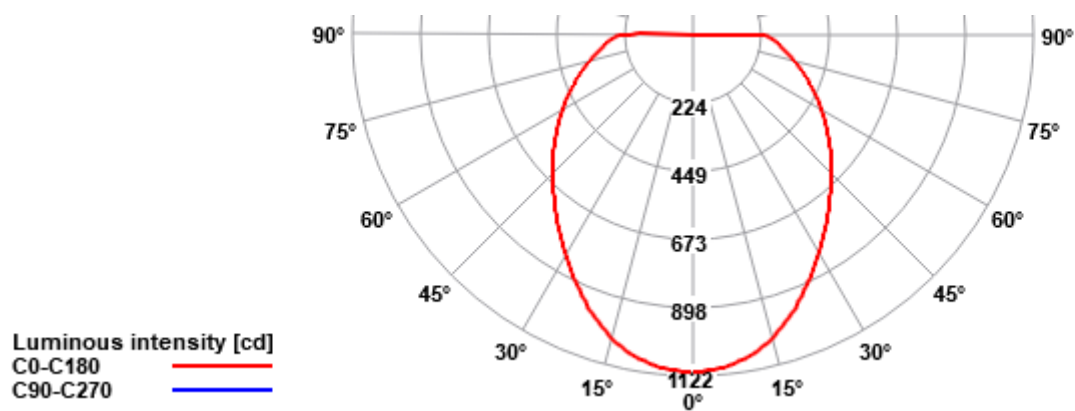
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	3384,03 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1111,21 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	63,43 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4387
y	0,4035
Angular Colour Uniformity	0,0009

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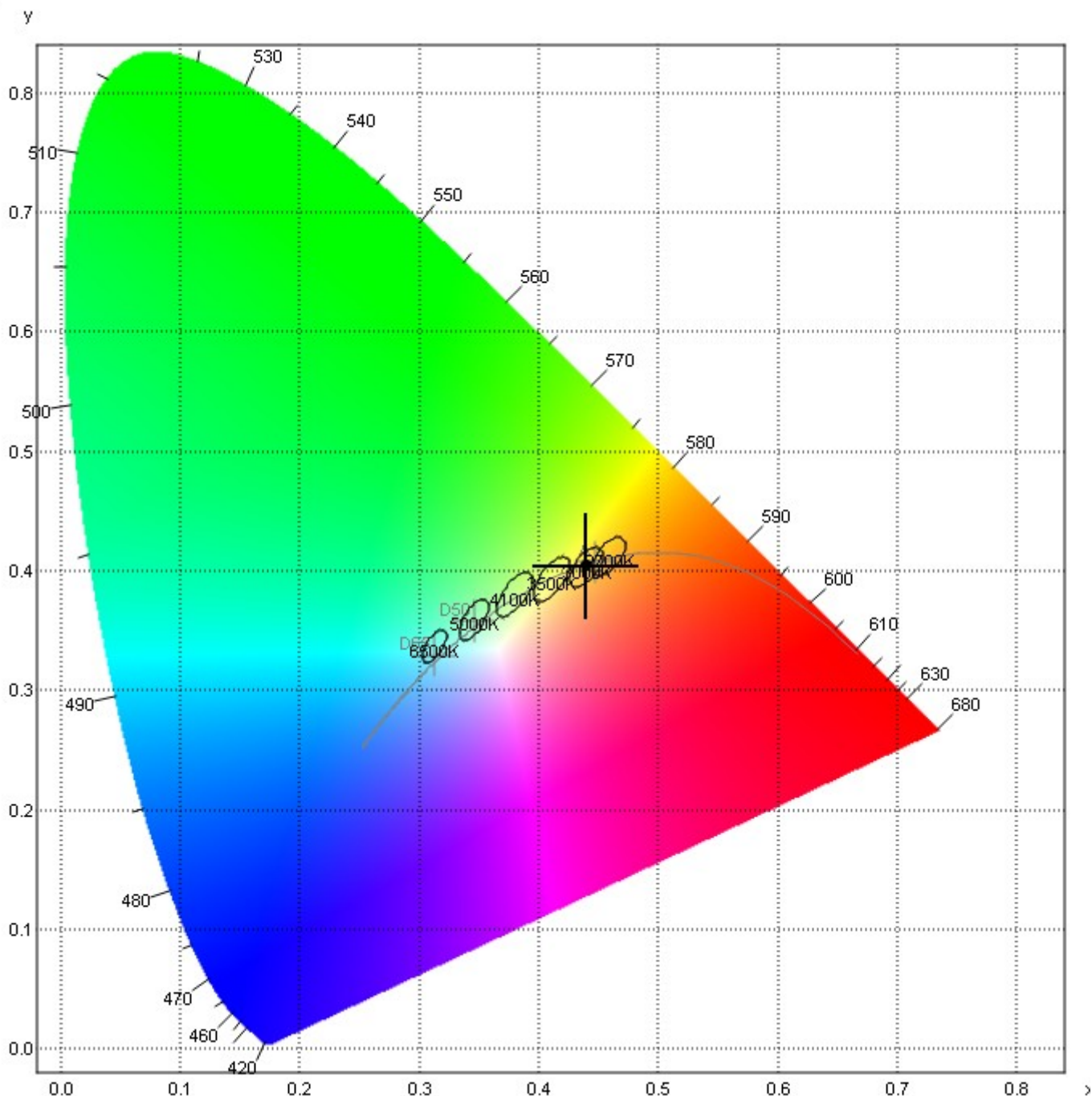
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Beam cone

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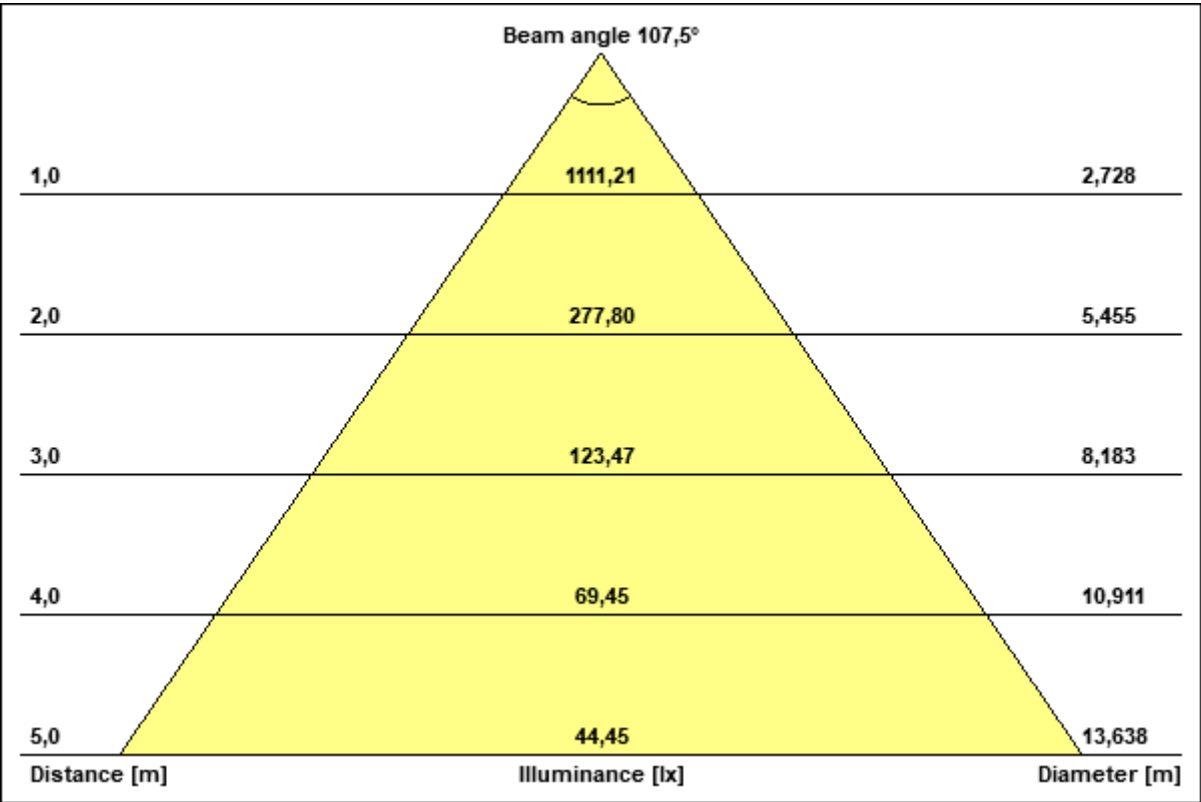
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Stabilization

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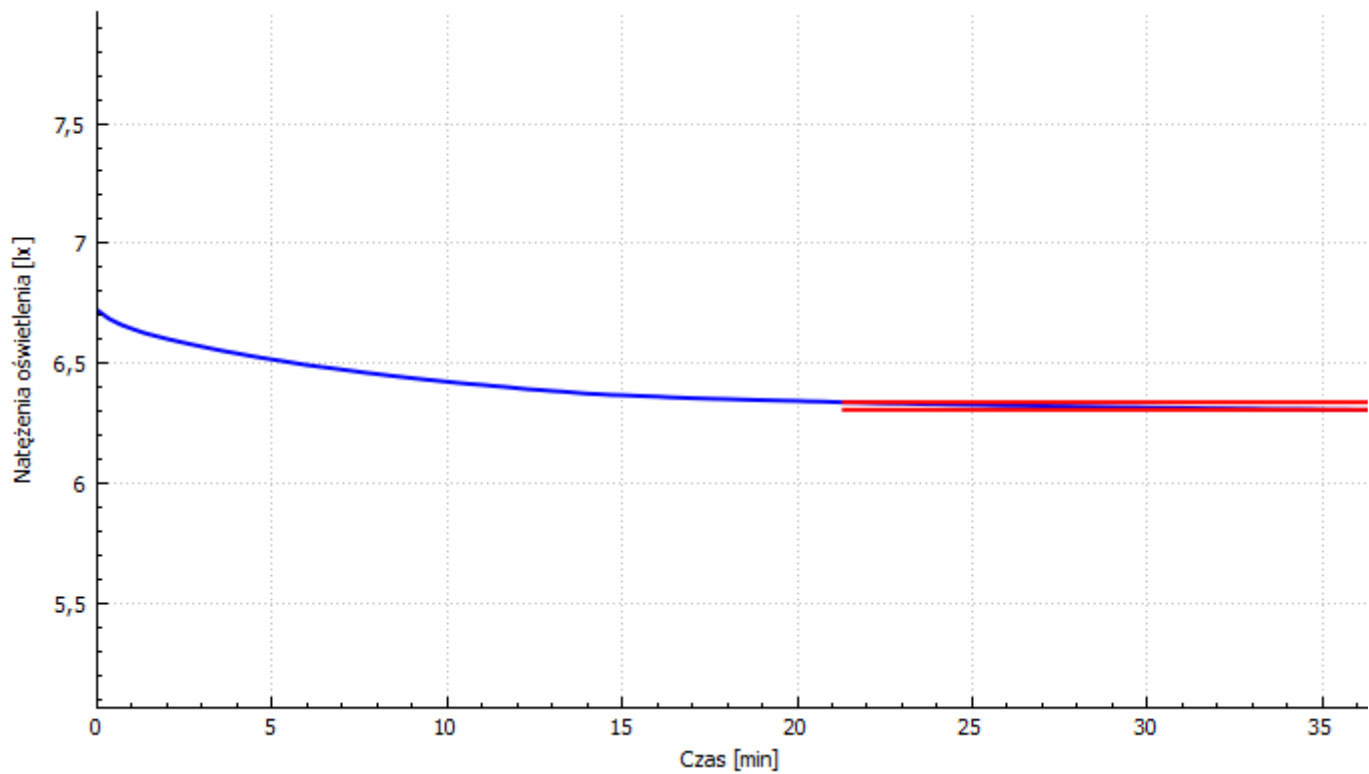
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3D Chart

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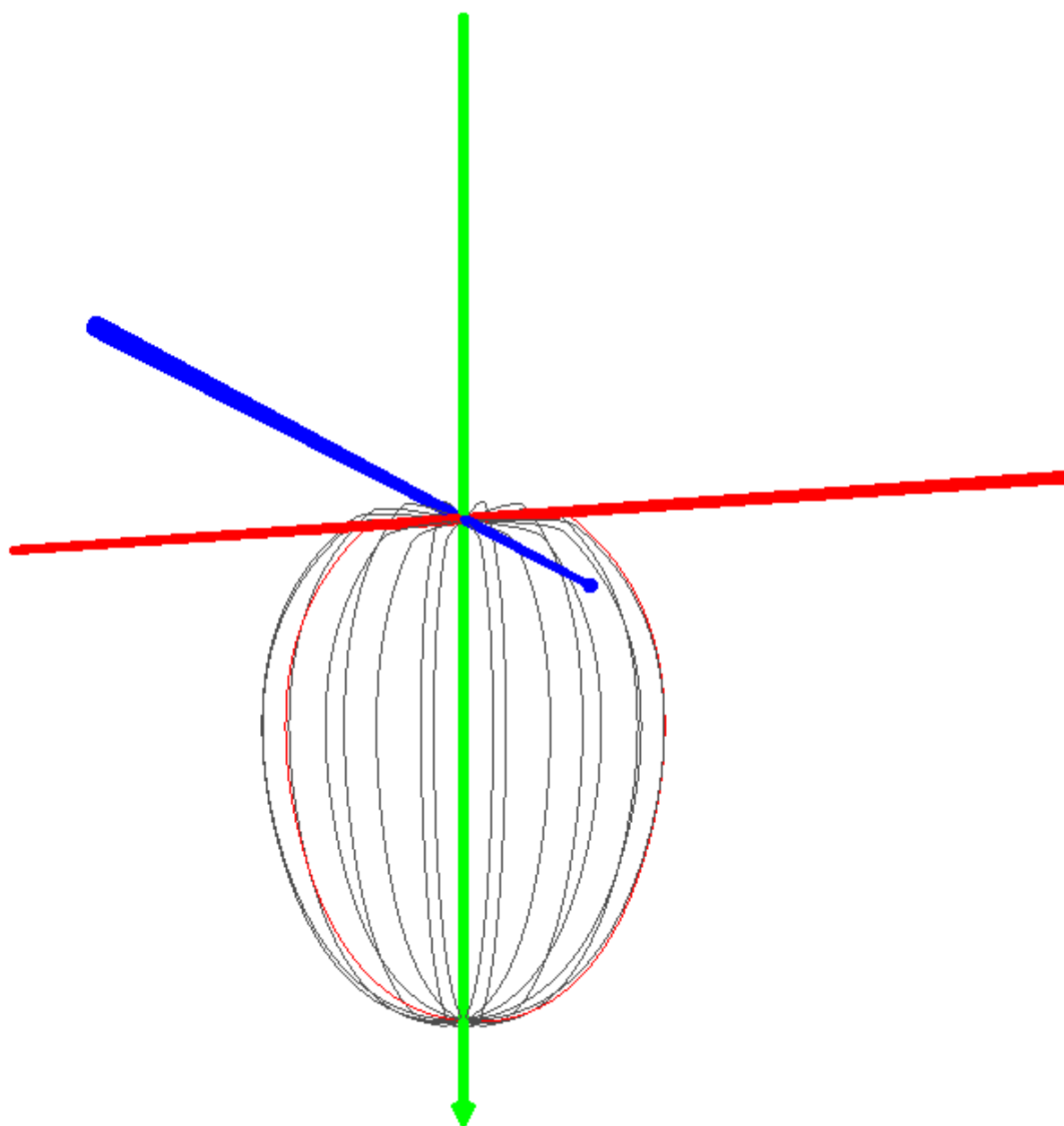
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

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			P(%f)
0	0,00249	0,540	-1,49e-05
1	100,000	100,000	100,000
2	0,00368	0	0
3	0,0252	10,048	0,00253
4	0,00167	0	0
5	0,00414	1,183	-4,17e-05
6	0,000997	0	0
7	0,0097	2,849	0,000278
8	0	0	0
9	0,00473	2,029	8,25e-05
10	0	0	0
11	0,0039	0,325	-1,22e-05
12	0	0	0
13	0,00443	0,515	1,01e-05
14	0	0	0
15	0,0016	0,250	6,26e-07
16	0	0	0
17	0,00408	0,644	1,18e-05
18	0	0	0
19	0,00379	0,577	9,88e-06
20	0	0	0
21	0,00292	0,219	5,85e-06

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22	0	0	0
23	0,00182	0,179	-3,87e-06
24	0	0	0
25	0	0,215	0
26	0	0	0
27	0,00204	0,360	4,97e-06
28	0	0	0
29	0	0,325	1,48e-06
30	0	0	0
31	0,00127	0,183	1,47e-06
32	0	0	0
33	0,00202	0,172	9,75e-07
34	0	0	0
35	0,00123	0,185	-5,29e-07
36	0	0	0
37	0,00261	0,282	9,6e-07
38	0	0	0
39	0,00255	0,295	2,47e-06
40	0,000861	0	0
41	0,00322	0,231	5,8e-06
42	0,000835	0	0
43	0,000931	0,194	2,01e-06
44	0	0	0
45	0,000979	0,167	-2,08e-06
46	0,000885	0	0
47	0,000853	0,182	0
48	0,00104	0	0
49	0	0,248	0
50	0,000991	0	0

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