

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Halo 100 BK PENDANT*
Item No: *AZ4963*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4963*
LuminaireName: *Halo 100 BK PENDANT*
LuminaireNumber: *AZ4963*
FileName: *AZ4963.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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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: *2611,45 lm*
Color temperatur: *2955 K*
Color rendering index: *82,31*
Wattage including ballast: *53,52 W*

Utilization factors:

k = 0.60	<i>0,279</i>
k = 0.80	<i>0,351</i>
k = 1.00	<i>0,416</i>
k = 1.25	<i>0,481</i>
k = 1.50	<i>0,532</i>
k = 2.00	<i>0,614</i>
k = 2.50	<i>0,661</i>
k = 3.00	<i>0,699</i>
k = 4.00	<i>0,753</i>
k = 5.00	<i>0,789</i>

Electrical parameters

<i>U</i>	<i>= 229,585 V</i>
<i>I</i>	<i>= 0,244 A</i>
<i>P</i>	<i>= 53,520 W</i>
<i>Power factor</i>	<i>= 0,957</i>

<i>Power apparent</i>	<i>= 55,921 VA</i>
<i>Power Reactive</i>	<i>= -16,203 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 10,714 %</i>

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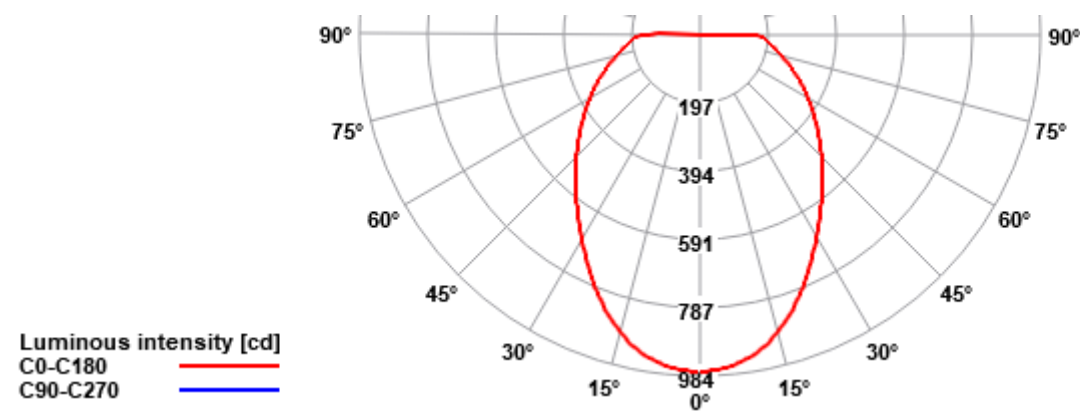
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2611,45 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	974,51 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	48,79 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4391
y	0,4029
Angular Colour Uniformity	0,0010

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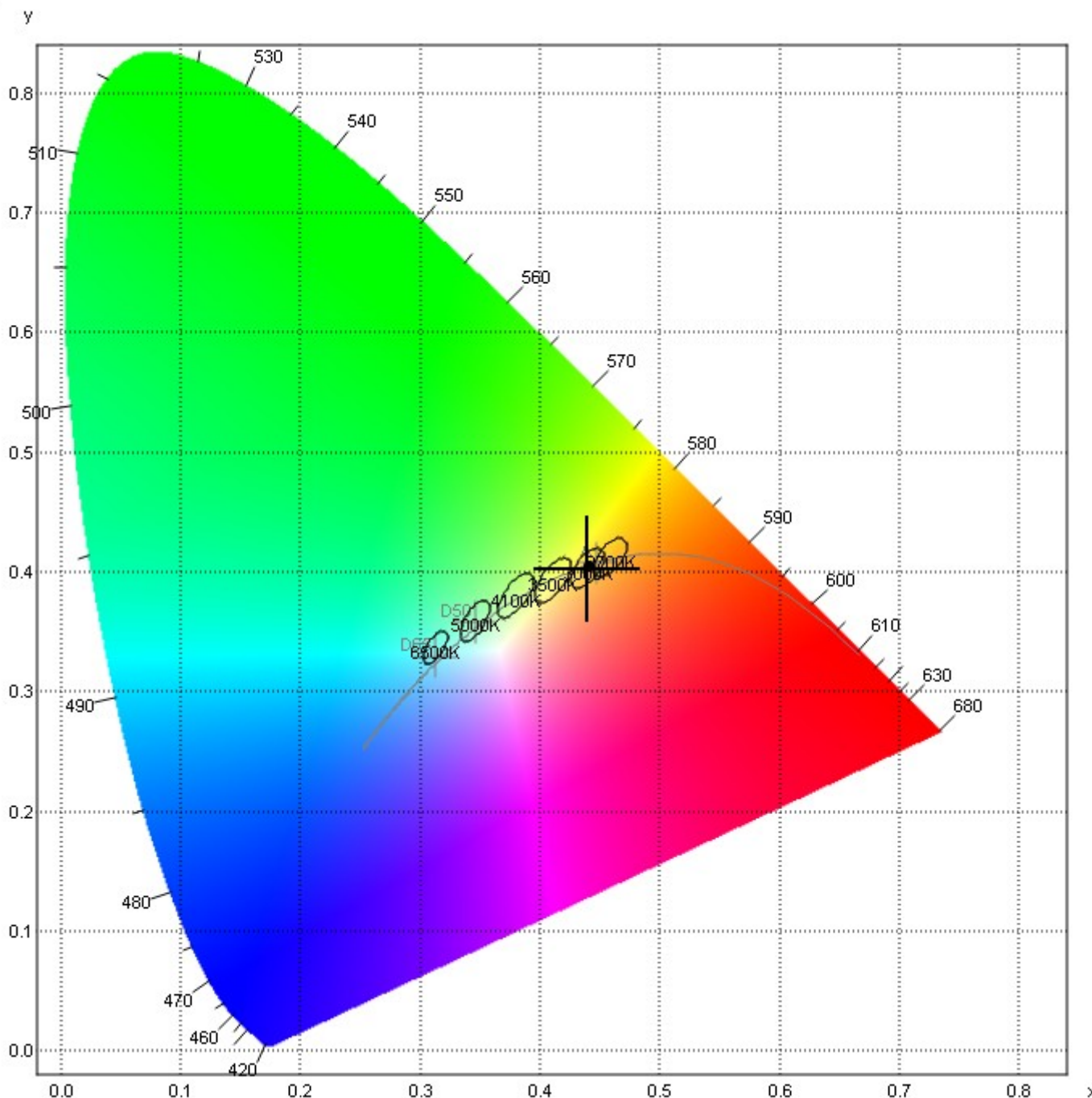
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Beam cone

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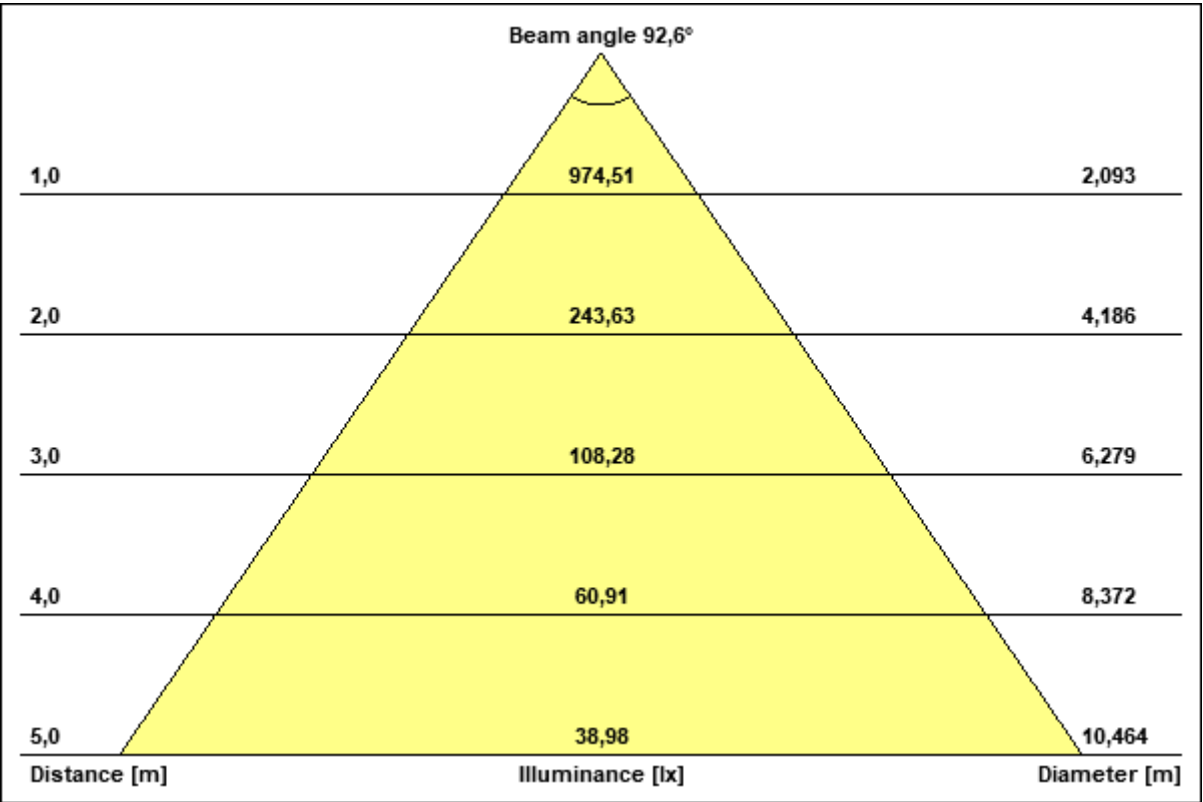
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Stabilization

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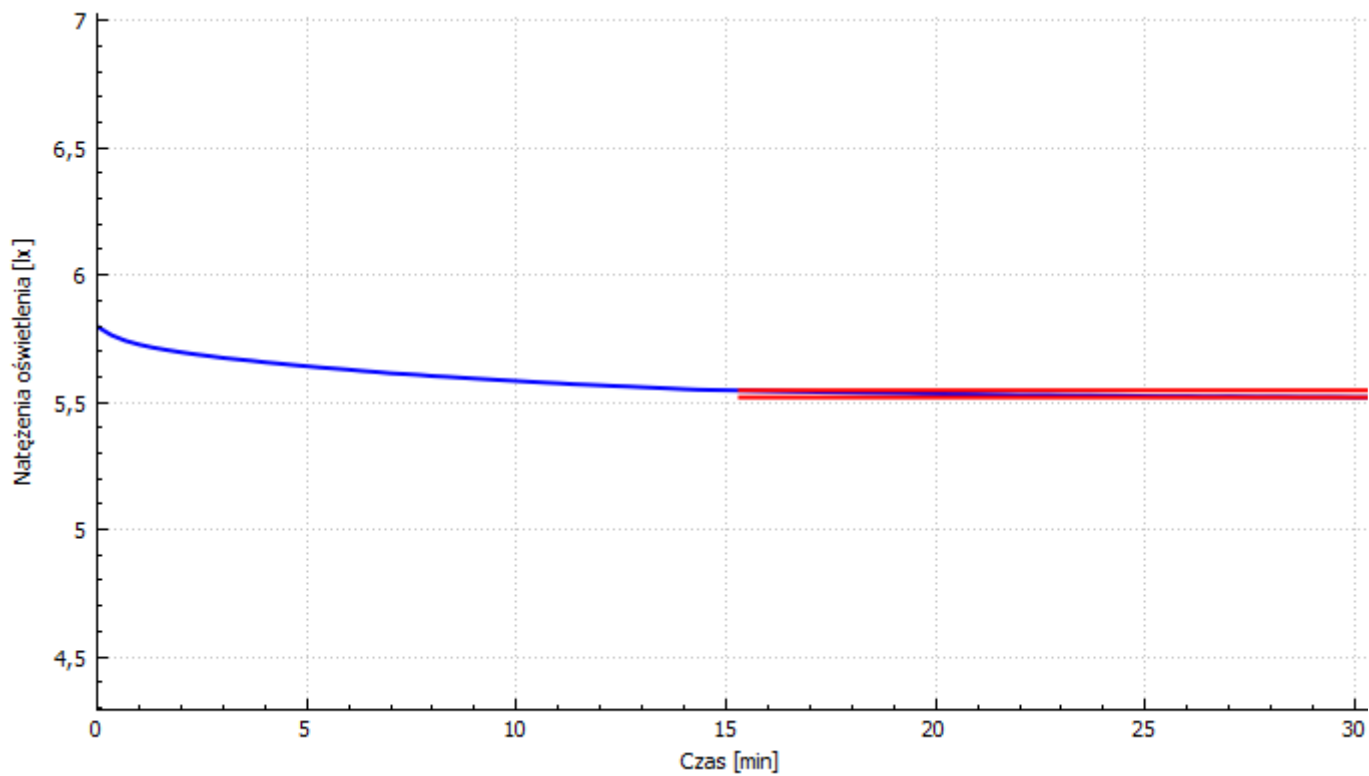
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3D Chart

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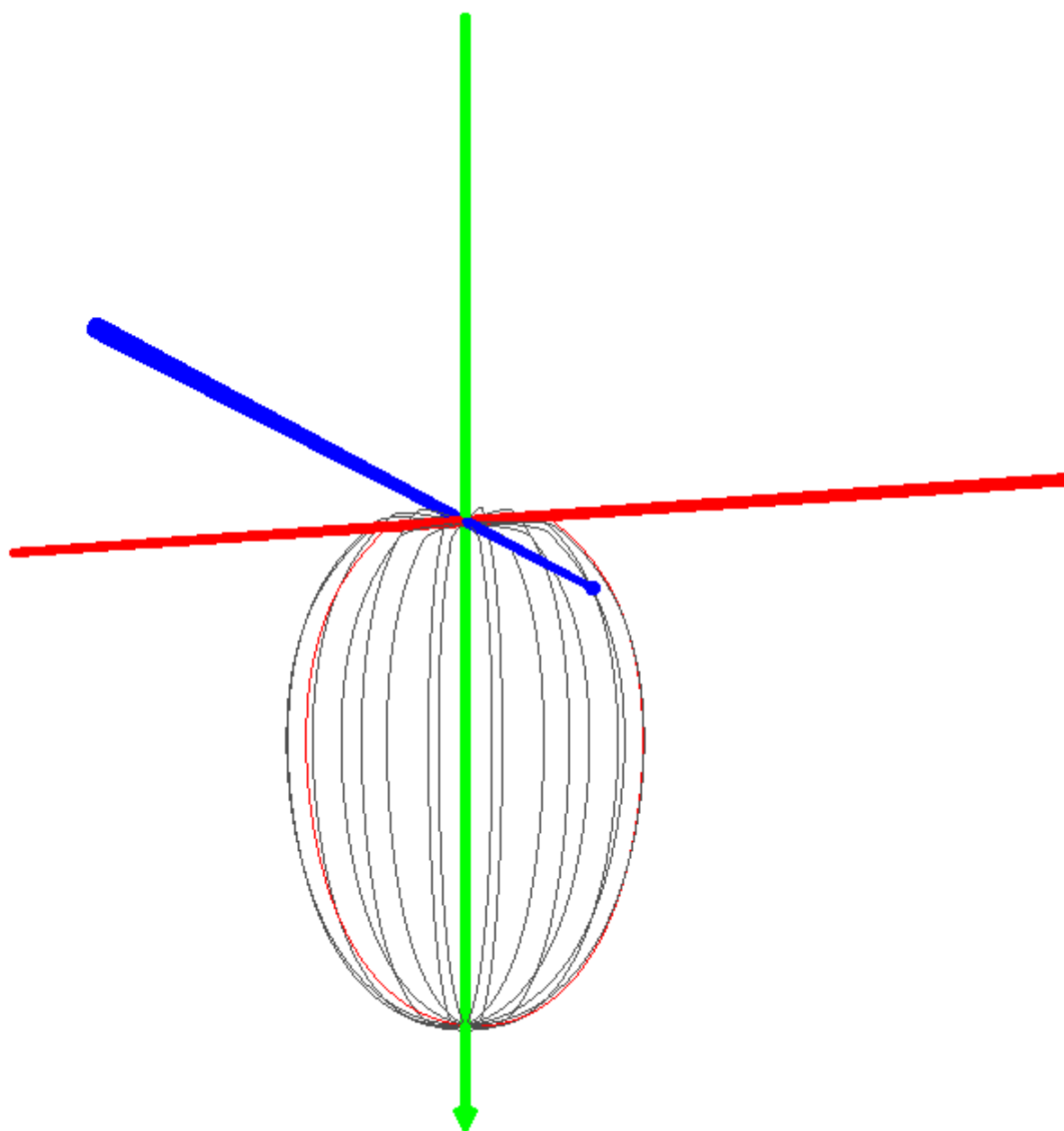
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0,0208	0,318	7,88e-05
1	100,000	100,000	100,000
2	0,0101	0	0
3	0,0327	9,910	0,00321
4	0,00469	0	0
5	0,0013	0,915	-2,35e-05
6	0,00237	0	0
7	0,00898	2,982	0,000357
8	0,00109	0	0
9	0,00388	1,993	0,00013
10	0,00135	0	0
11	0,00524	0,296	-9,93e-06
12	0,00106	0	0
13	0,00526	0,489	4,95e-06
14	0,00111	0	0
15	0,00155	0,286	-2,73e-06
16	0,00118	0	0
17	0,00286	0,694	8,8e-06
18	0,00126	0	0
19	0,00276	0,563	1,7e-06
20	0,00142	0	0
21	0,00242	0,201	3,95e-06

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22	0,00142	0	0
23	0,0023	0,179	-7,36e-07
24	0	0	0
25	0	0,248	0
26	0,000841	0	0
27	0,00253	0,388	1,1e-05
28	0	0	0
29	0,000851	0,320	0
30	0	0	0
31	0	0,173	0
32	0	0	0
33	0,00139	0,168	4,47e-08
34	0,00115	0	0
35	0,00119	0,200	-7,5e-07
36	0,00142	0	0
37	0,00144	0,295	5,4e-07
38	0,00139	0	0
39	0,00184	0,287	6,1e-07
40	0,00142	0	0
41	0,00345	0,230	3,58e-06
42	0,0012	0	0
43	0,00175	0,198	2,86e-06
44	0,00113	0	0
45	0	0,169	0
46	0,00101	0	0
47	0	0,242	0
48	0,000867	0	0
49	0,00125	0,268	2,36e-06
50	0,000961	0	0

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