

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Halo 80 WH PENDANT*
Item No: *AZ4959*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4959*
LuminaireName: *Halo 80 WH PENDANT*
LuminaireNumber: *AZ4959*
FileName: *AZ4959.Idt*
Date: *2024-03-05*

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:

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: *3102,51 lm*
Color temperatur: *2921 K*
Color rendering index: *82,16*
Wattage including ballast: *53,33 W*

Utilization factors:

k = 0.60	<i>0,252</i>
k = 0.80	<i>0,324</i>
k = 1.00	<i>0,389</i>
k = 1.25	<i>0,455</i>
k = 1.50	<i>0,507</i>
k = 2.00	<i>0,590</i>
k = 2.50	<i>0,640</i>
k = 3.00	<i>0,680</i>
k = 4.00	<i>0,736</i>
k = 5.00	<i>0,774</i>

Electrical parameters

<i>U</i>	<i>= 229,628 V</i>
<i>I</i>	<i>= 0,240 A</i>
<i>P</i>	<i>= 53,330 W</i>
<i>Power factor</i>	<i>= 0,967</i>

<i>Power apparent</i>	<i>= 55,168 VA</i>
<i>Power Reactive</i>	<i>= -14,125 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 6,570 %</i>

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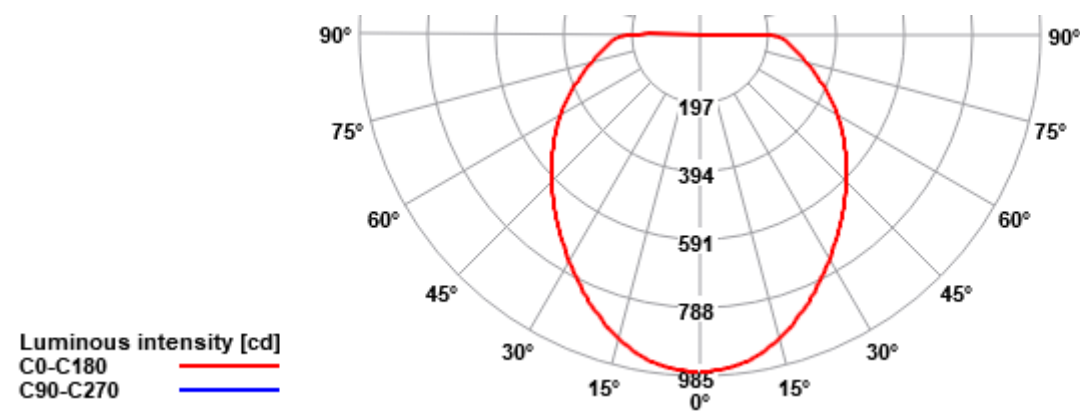
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	3102,51 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	975,59 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	58,18 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4422
y	0,4050
Angular Colour Uniformity	0,0022

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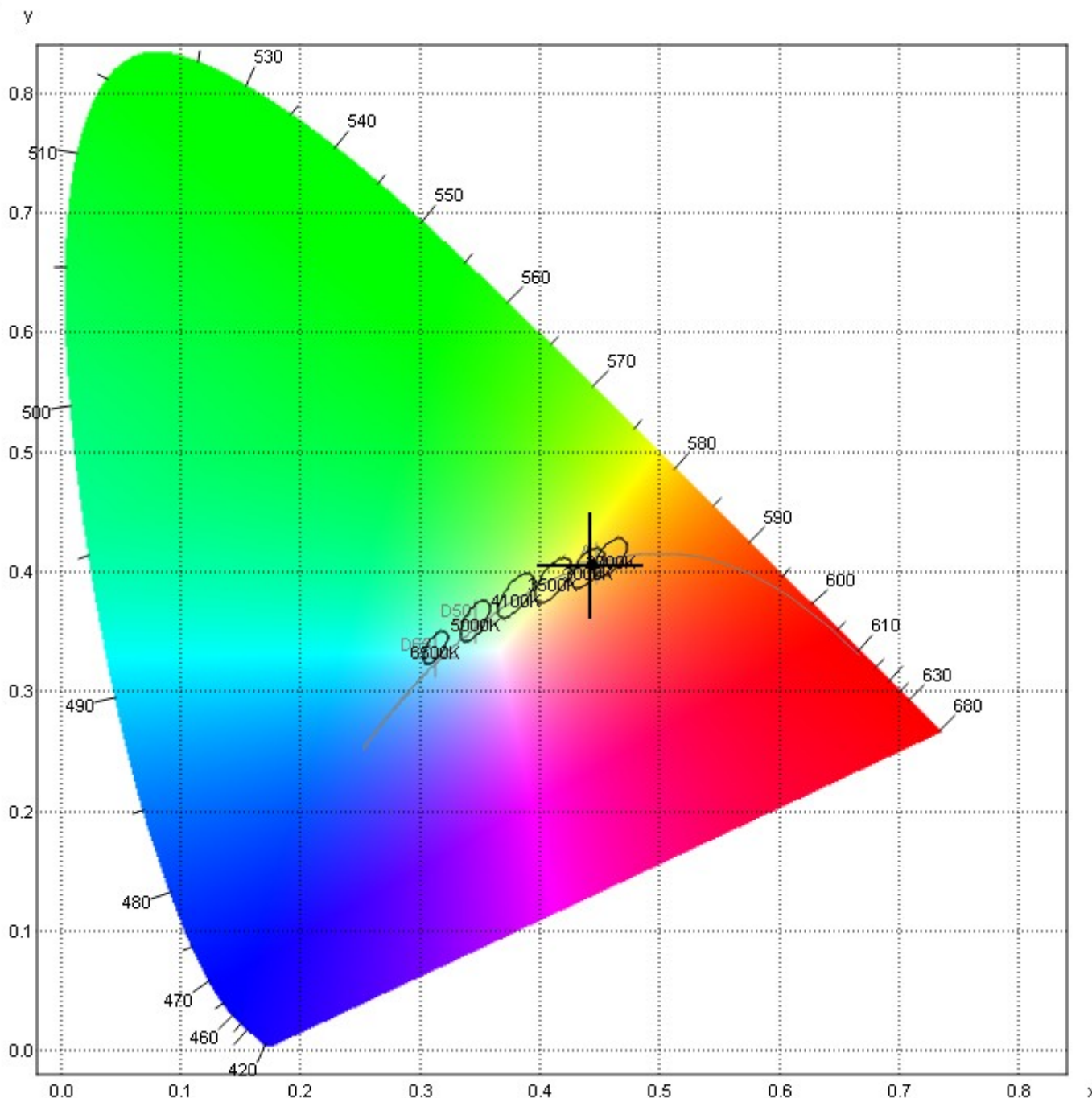
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Beam cone

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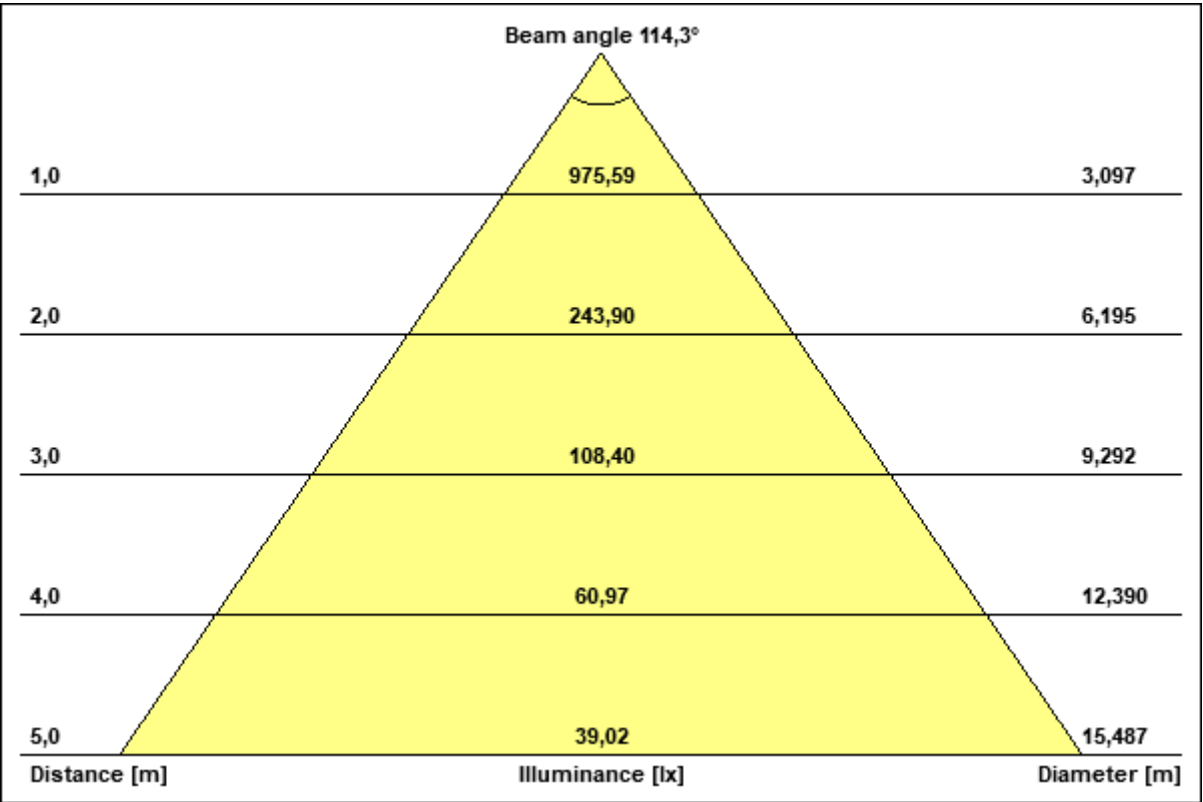
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Stabilization

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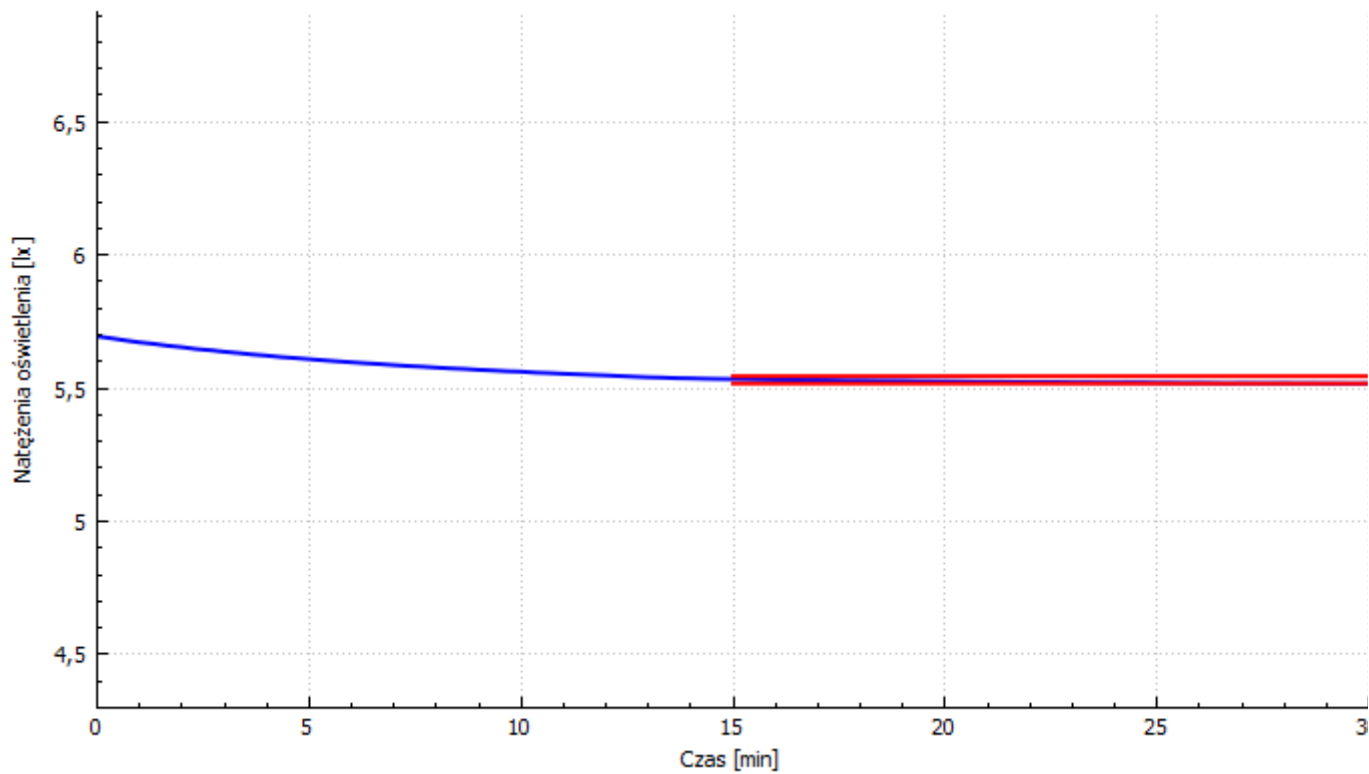
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3D Chart

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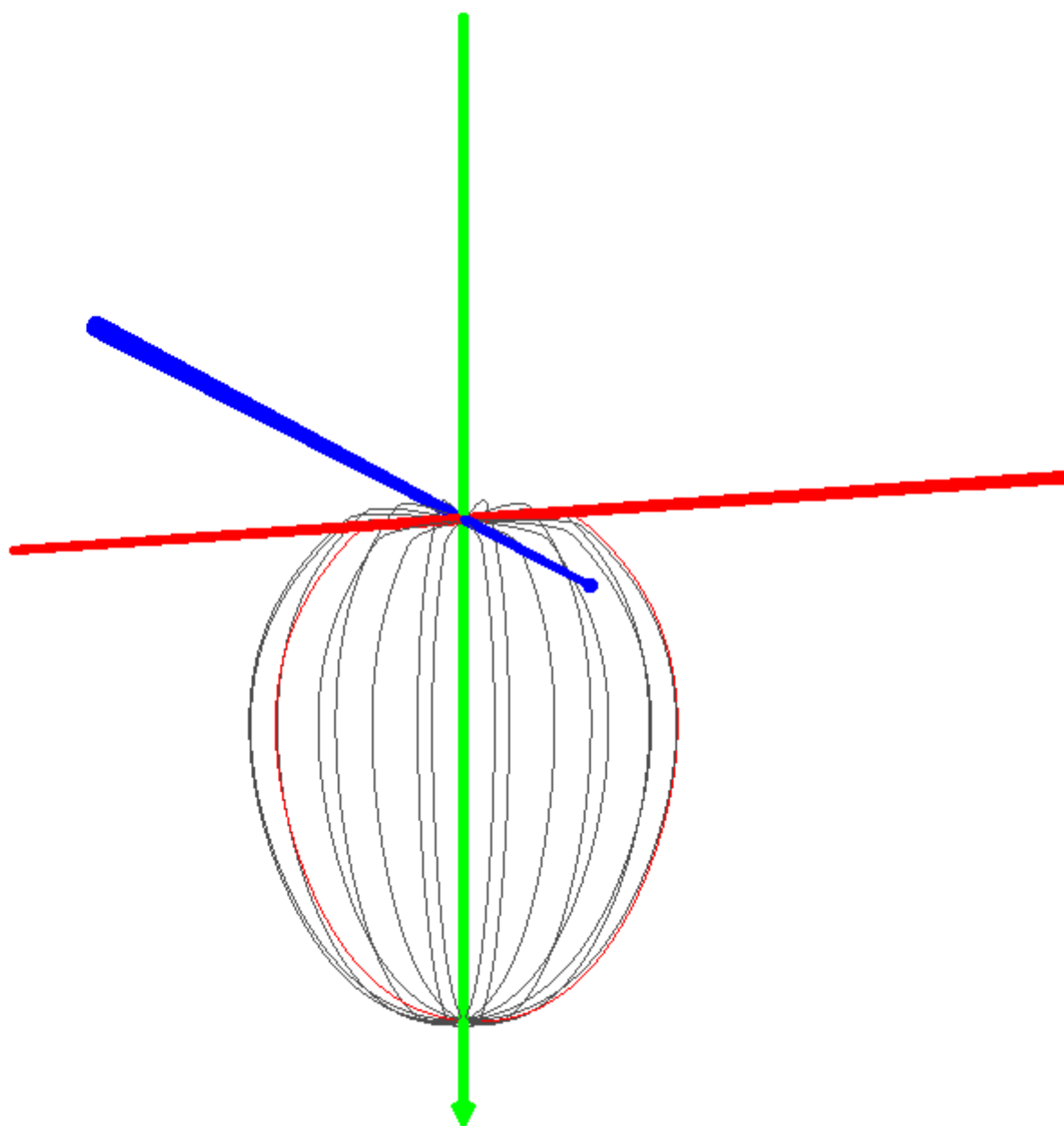
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0,00391	0,527	-2,28e-05
1	100,000	100,000	100,000
2	0,00415	0	0
3	0,0108	3,828	0,000364
4	0,00181	0	0
5	0,00341	1,904	2,62e-05
6	0,000889	0	0
7	0,00618	1,437	9,28e-05
8	0	0	0
9	0,00716	2,545	0,000174
10	0	0	0
11	0,00396	2,444	7,13e-05
12	0	0	0
13	0,00315	1,706	4,97e-05
14	0	0	0
15	0,00279	1,060	2,61e-05
16	0	0	0
17	0,00272	0,796	2,29e-05
18	0,00087	0	0
19	0,00234	0,742	8,07e-06
20	0	0	0
21	0,00329	0,766	1,65e-05

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22	0,000863	0	0
23	0,00164	0,793	-6,58e-06
24	0,00101	0	0
25	0,0025	0,771	9,18e-06
26	0,00111	0	0
27	0,00354	0,675	1,21e-05
28	0	0	0
29	0,00282	0,591	4,28e-06
30	0,00101	0	0
31	0,00359	0,566	1,06e-05
32	0,00104	0	0
33	0,00392	0,578	1,11e-05
34	0,00109	0	0
35	0,00289	0,556	2,18e-06
36	0	0	0
37	0,00314	0,541	6,25e-06
38	0,0011	0	0
39	0,00337	0,504	8,08e-06
40	0	0	0
41	0,00487	0,484	8,77e-06
42	0,00126	0	0
43	0,00353	0,469	5,99e-06
44	0	0	0
45	0,00306	0,472	-1,43e-07
46	0,00105	0	0
47	0,0035	0,481	1,97e-06
48	0,0013	0	0
49	0,00294	0,475	2,77e-06
50	0,00122	0	0

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