

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Halo 40 Wall WH*
Item No: *AZ4965*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4965*
LuminaireName: *Halo 40 Wall WH*
LuminaireNumber: *AZ4965*
FileName: *AZ4965.Idt*
Date: *2024-02-29*

Dimensions of luminaire

Length: *400 mm*
Width: *0 mm*
Height: *60 mm*

Dimensions of luminous area

Length: *40 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
Type of lamps: LED
Total luminous flux: 556,07 lm
Color temperatur: 2935 K
Color rendering index: 82,42
Wattage including ballast: 24,42 W

Utilization factors:

k = 0.60	0,111
k = 0.80	0,171
k = 1.00	0,228
k = 1.25	0,290
k = 1.50	0,343
k = 2.00	0,431
k = 2.50	0,493
k = 3.00	0,543
k = 4.00	0,616
k = 5.00	0,666

Electrical parameters

U = 229,612 V
 I = 0,110 A
 P = 24,416 W
Power factor = 0,967

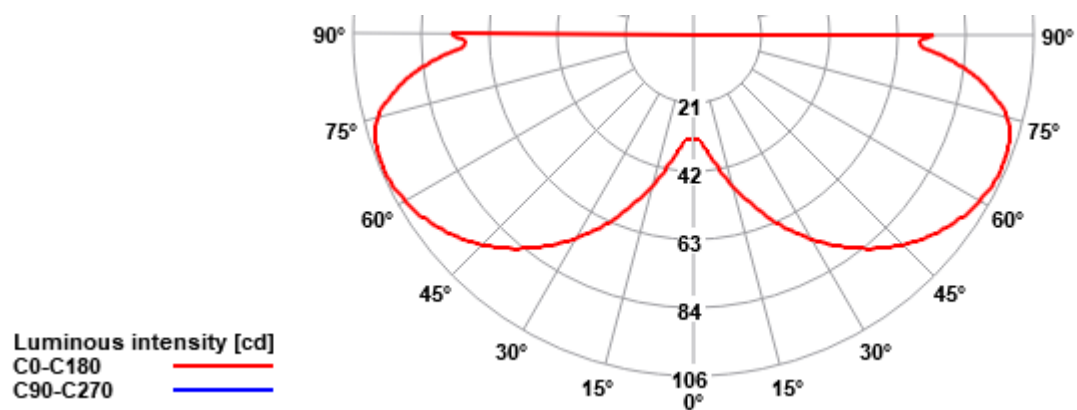
Power apparent = 25,259 VA
Power Reactive = -6,473 var
Frequency Voltage = 50,002 Hz
THD = 10,985 %

Temperature = 25 C

Goniometric measurement results

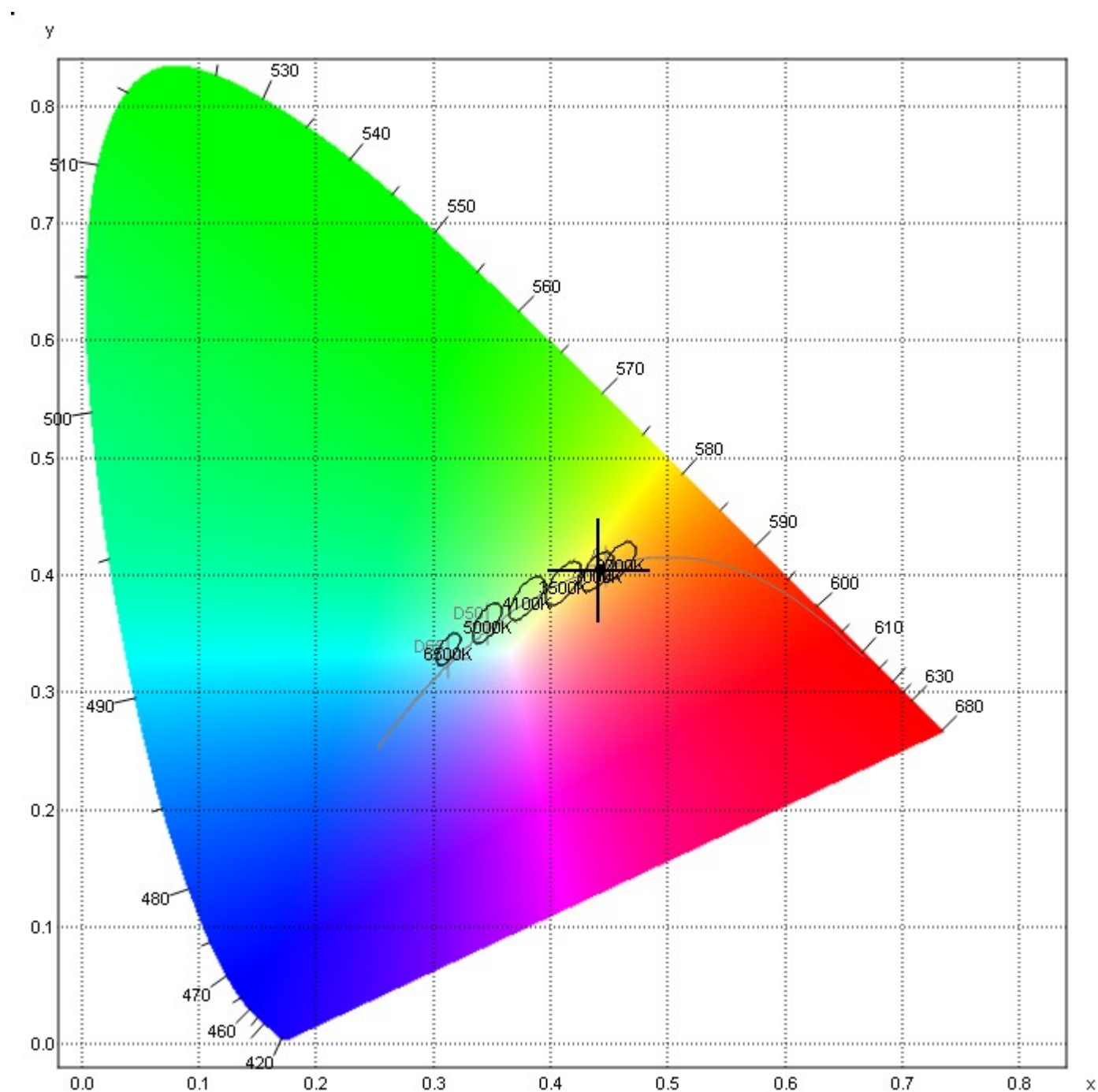
Total flux (utilized luminarie flux)	556,07 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	104,55 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	22,77 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4409
y 0,4043
Angular Colour Uniformity 0,0009



GL Optic R&D Center Sp. z o.o.

ul. Poznańska 70

PL-62-040 Puszczkowo; Poland

Tel.: +48 61 819 40 03

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EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

Beam cone

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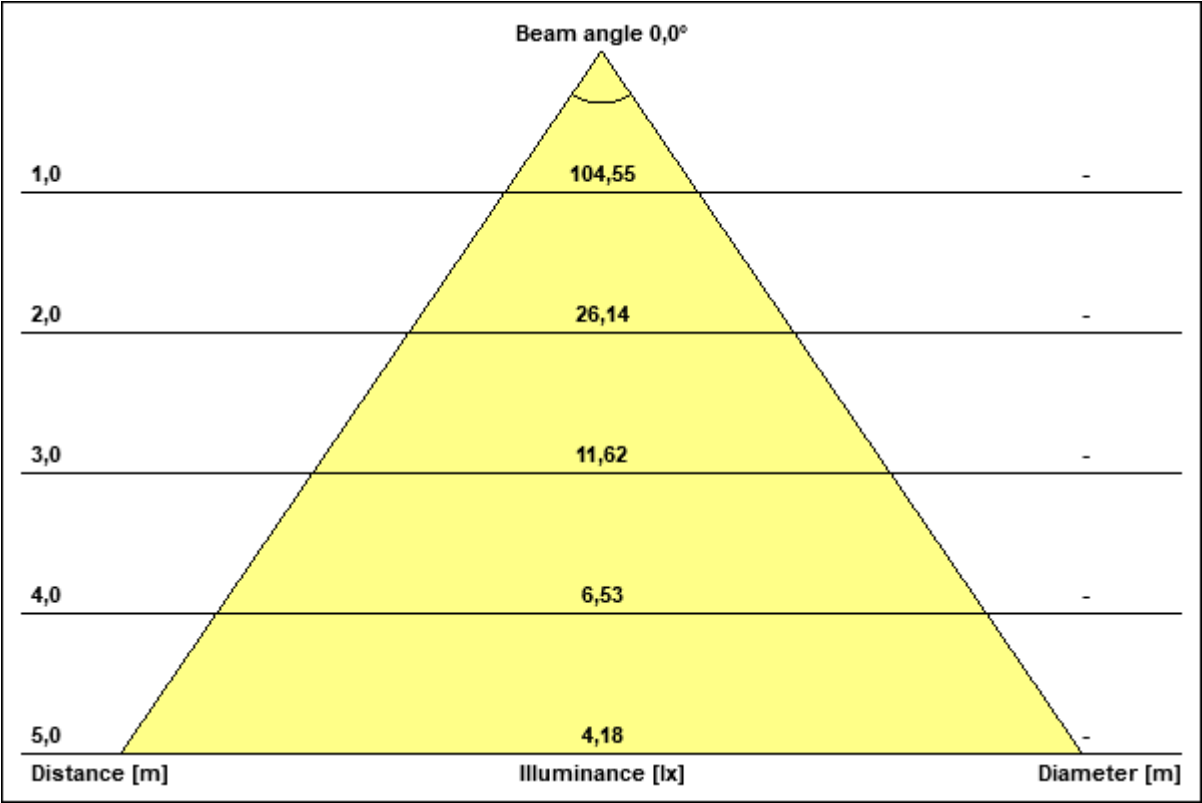
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Stabilization

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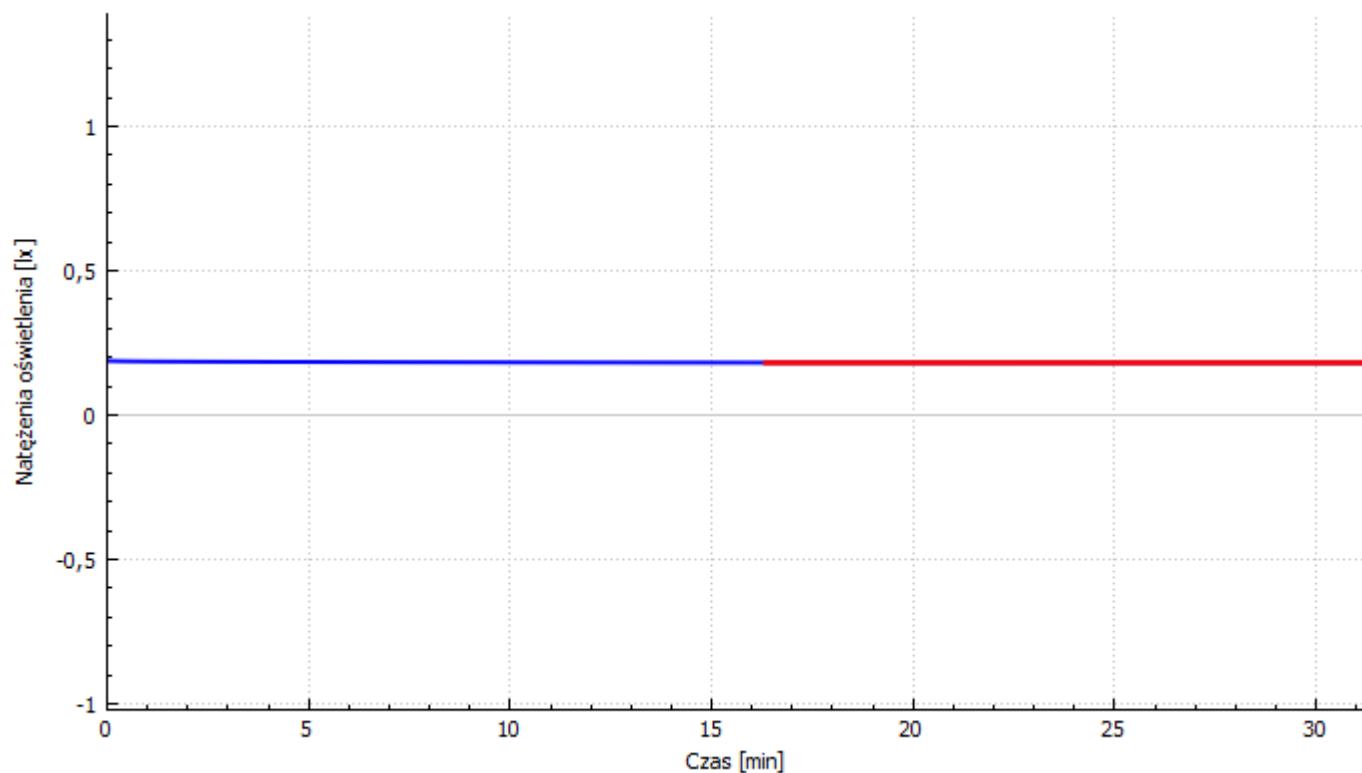
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3D Chart

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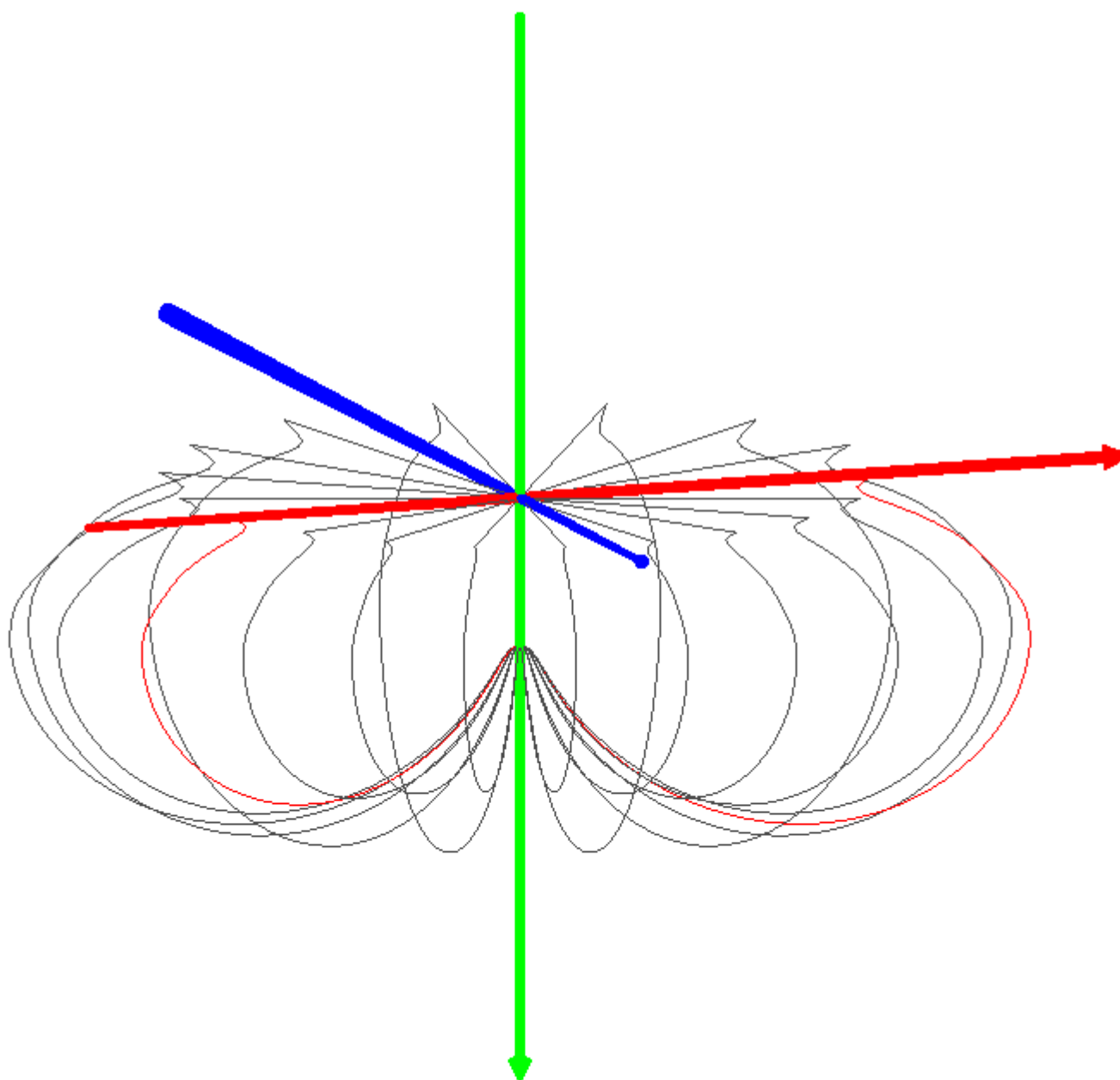
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Legend

- C0-C180
- C90-C270
- G0-G180

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0,0361	0	-1,24e-05
1	100,000	100,000	100,000
2	0,00541	0	2,5e-07
3	0,00611	9,483	0,000555
4	0,00218	0	0
5	0,00578	3,814	-0,000174
6	0,00155	0	0
7	0,00321	2,345	-5,69e-05
8	0,00122	0	0
9	0,0019	1,434	2,85e-06
10	0,00152	0	0
11	0,00548	1,532	5,37e-05
12	0,00108	0	0
13	0,00459	1,537	4,57e-05
14	0	0	0
15	0,000994	0,810	8,98e-06
16	0	0	0
17	0,00231	0,304	7,97e-06
18	0	0	0
19	0,00283	0,469	6,96e-06
20	0	0	0
21	0,00241	0,182	3,47e-06
22	0,000946	0	0
23	0,0023	0,296	5,75e-06
24	0,00108	0	0
25	0,00236	0,385	4,21e-06
26	0,00131	0	0
27	0,00126	0,264	0
28	0,00116	0	0
29	0,00112	0,247	3,05e-06
30	0,0011	0	0
31	0,000897	0,261	0
32	0,00101	0	0
33	0	0,274	0
34	0,000969	0	0
35	0	0,286	1,76e-06
36	0	0	0
37	0	0,129	0
38	0,00109	0	0
39	0	0,222	1,44e-06
40	0,00158	0	0
41	0,0022	0,302	-8,53e-07
42	0,00159	0,04	0

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43	0,000874	0,180	0
44	0,00134	0	4,61e-09
45	0,00101	0,112	-7,54e-07
46	0,0013	0,0468	0
47	0,00102	0,168	4,17e-07
48	0,00117	0	0
49	0	0,254	0
50	0,00119	0	0