

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Halo 80 GO PENDANT*
Item No: *AZ4961*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4961*
LuminaireName: *Halo 80 GO PENDANT*
LuminaireNumber: *AZ4961*
FileName: *AZ4961.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
Type of lamps: LED
Total luminous flux: 2628,77 lm
Color temperatur: 2966 K
Color rendering index: 80,93
Wattage including ballast: 52,47 W

Utilization factors:

k = 0.60	0,221
k = 0.80	0,292
k = 1.00	0,357
k = 1.25	0,422
k = 1.50	0,475
k = 2.00	0,560
k = 2.50	0,612
k = 3.00	0,654
k = 4.00	0,714
k = 5.00	0,754

Electrical parameters

U = 229,613 V
 I = 0,236 A
 P = 52,474 W
Power factor = 0,967

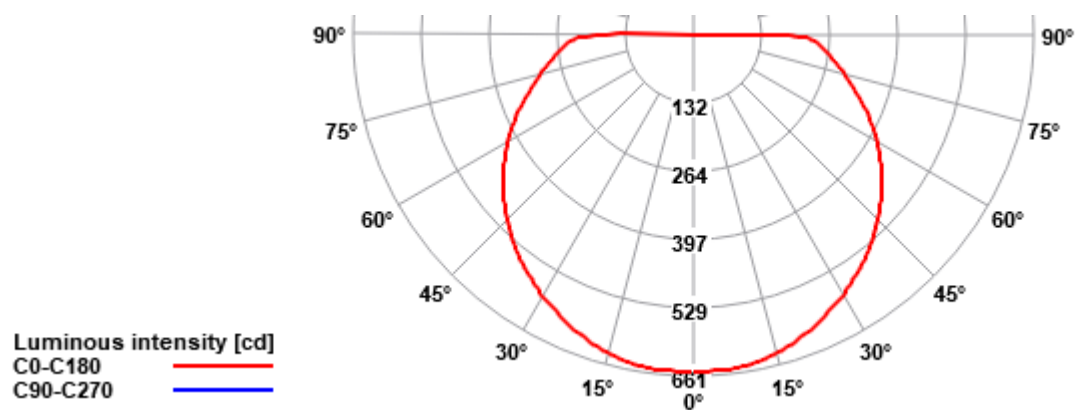
Power apparent = 54,280 VA
Power Reactive = -13,877 var
Frequency Voltage = 50,002 Hz
THD = 6,732 %

Temperature = 25 C

Goniometric measurement results

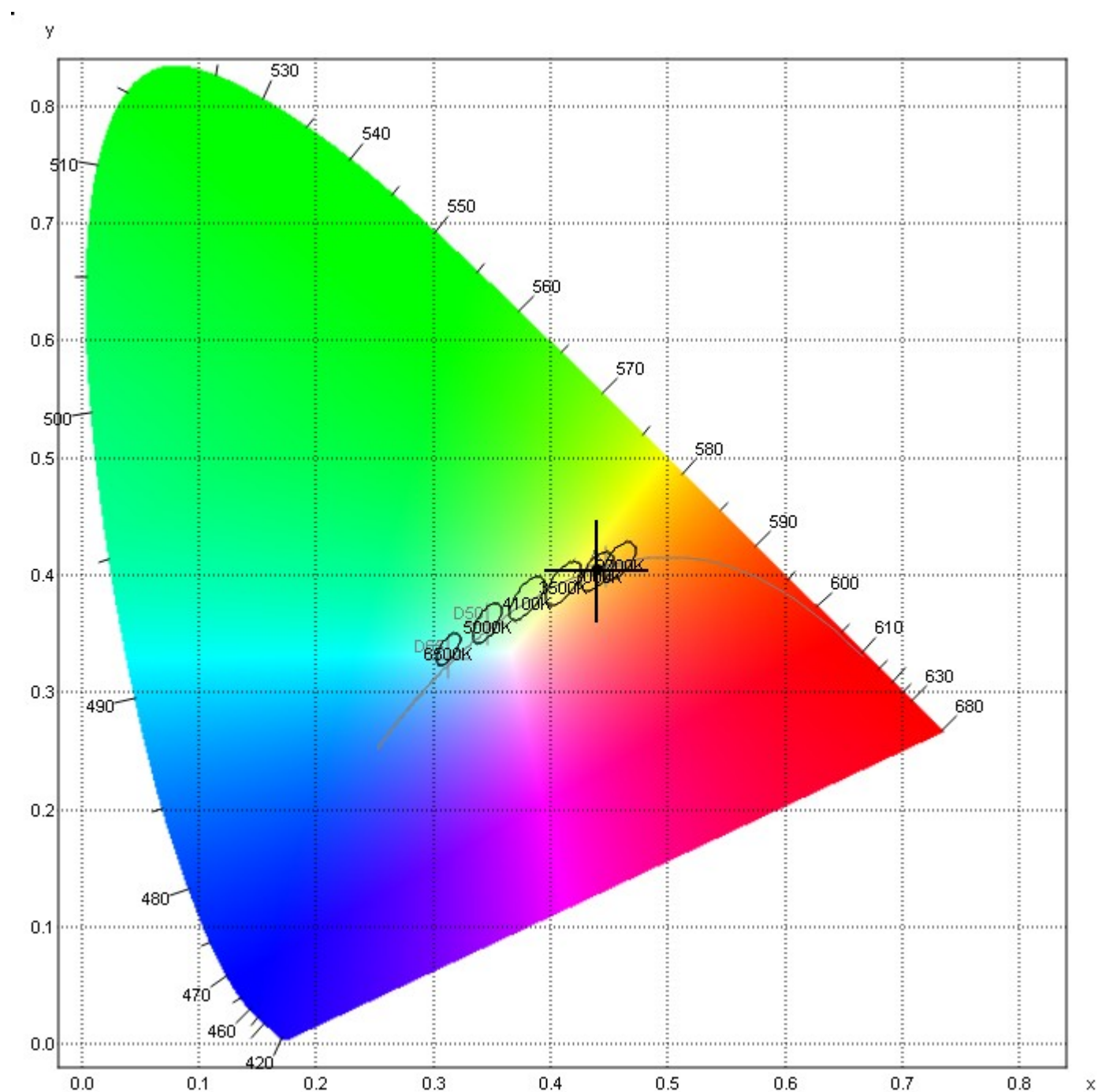
Total flux (utilized luminarie flux)	2628,77 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	654,54 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	50,10 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4386
y 0,4033
Angular Colour Uniformity 0,0009



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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

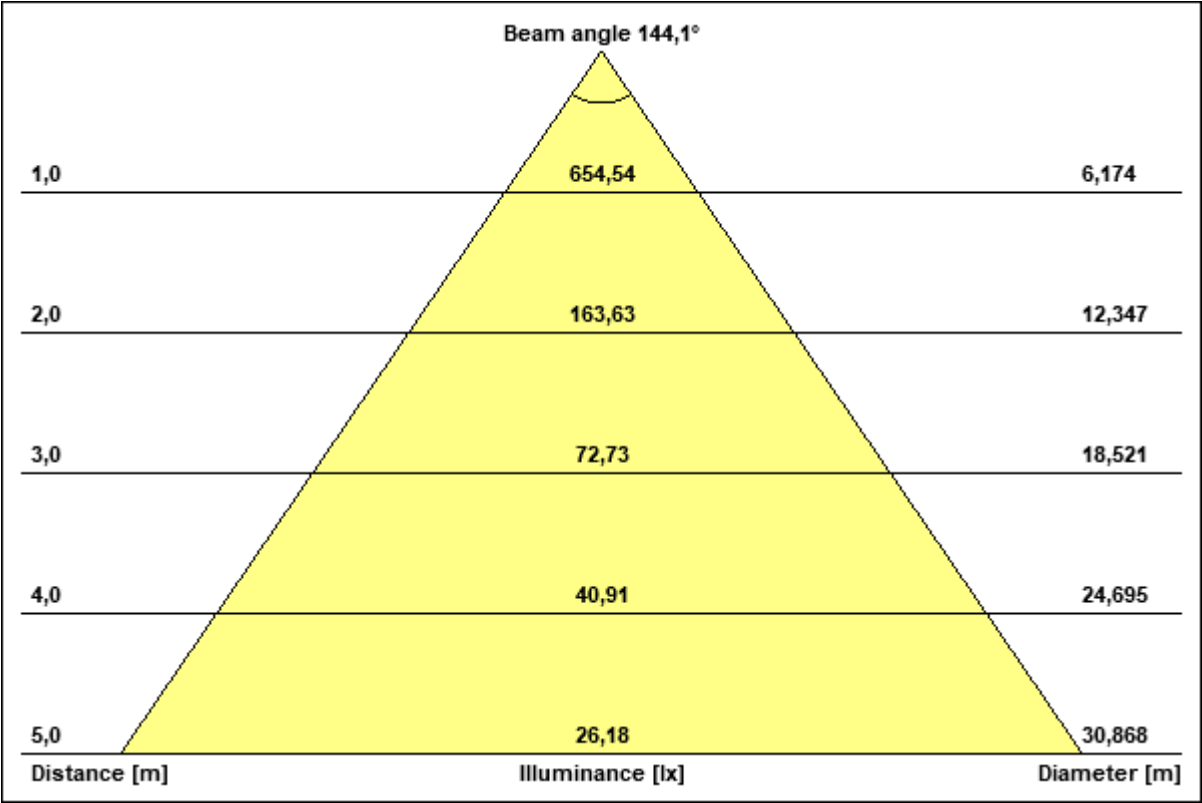
NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

Beam cone



Stabilization

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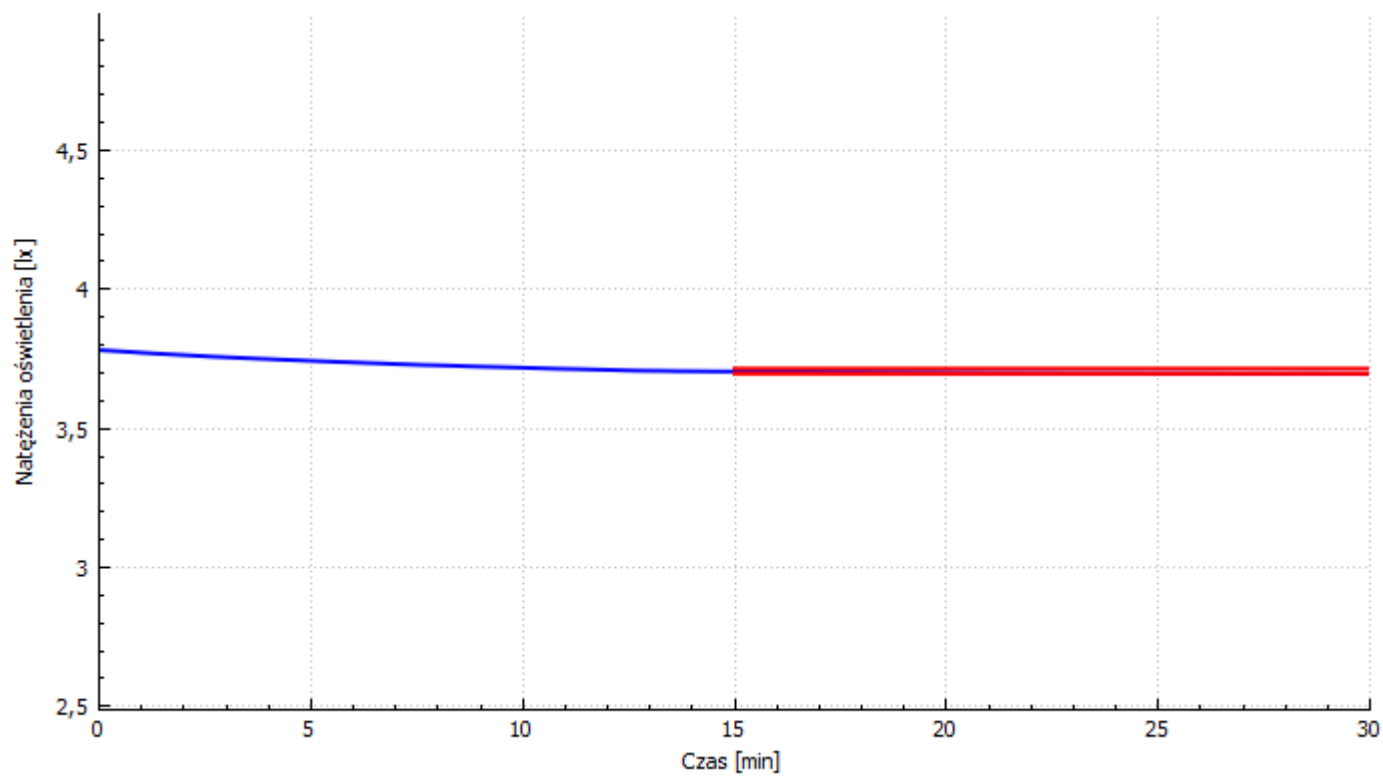
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3D Chart

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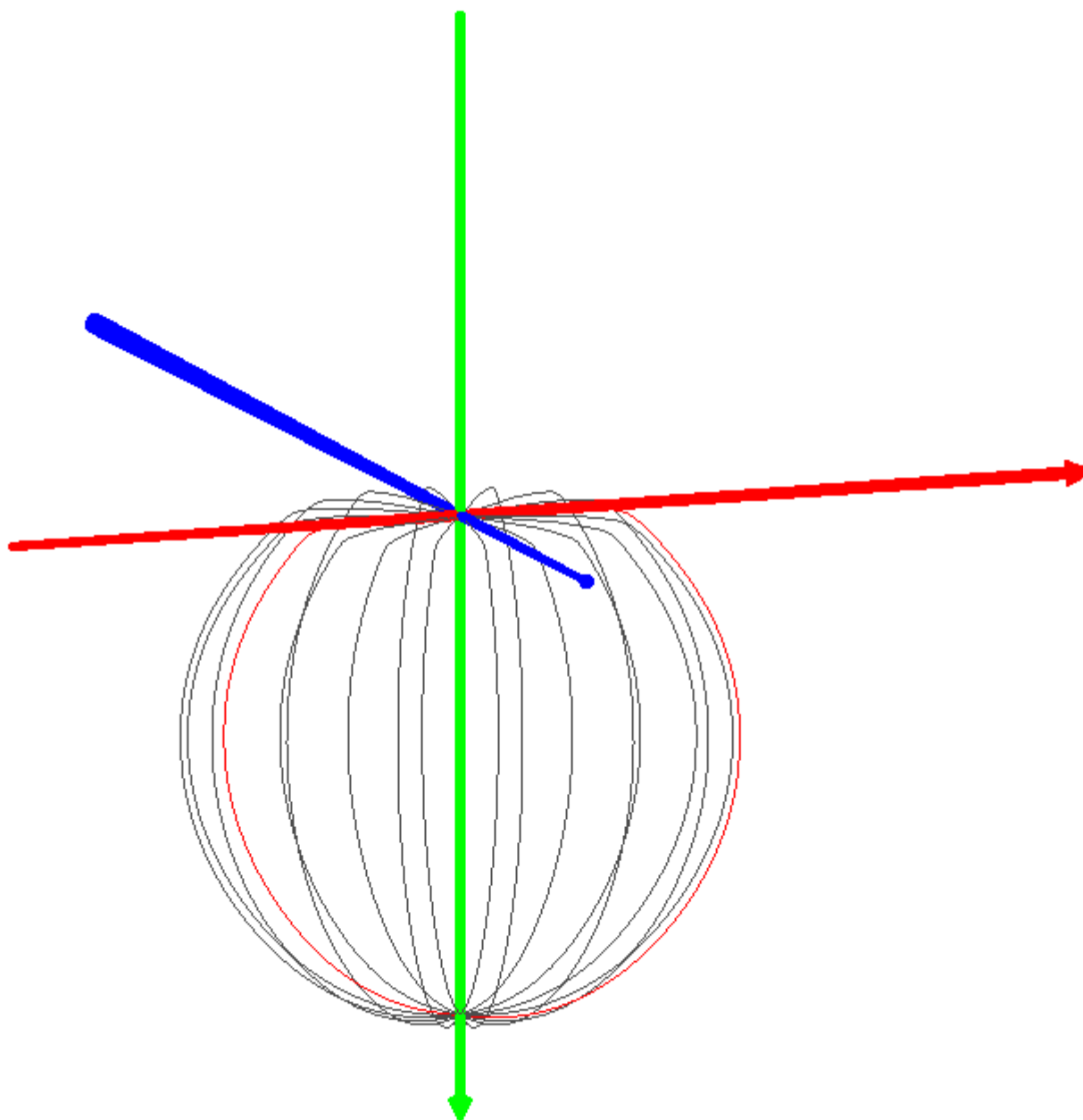
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Legend

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

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	44,998	0,558	2e-05
1	100,000	100,000	100,000
2	21,241	0	0
3	0,0162	3,711	0,000514
4	4,248	0	0
5	0,00255	1,648	7,17e-05
6	1,821	0	0
7	0,00533	1,818	0,000138
8	1,014	0	0
9	0,00647	2,827	0,00019
10	0,648	0	0
11	0,00345	2,523	9,57e-05
12	0,449	0	0
13	0,0028	1,685	6,87e-05
14	0,330	0	0
15	0,00224	1,051	3,71e-05
16	0,253	0	0
17	0,00322	0,821	3,54e-05
18	0,201	0	0
19	0,00214	0,797	1,88e-05
20	0,162	0	0
21	0,00326	0,851	2,99e-05
22	0,136	0	0
23	0,00212	0,878	-1,24e-06
24	0,114	0	0
25	0,00243	0,813	8,76e-06
26	0,0974	0	0
27	0,00383	0,701	8,66e-06
28	0,0853	0	0
29	0,00326	0,616	2,83e-06
30	0,0736	0	0
31	0,00357	0,593	1,25e-05
32	0,0652	0	0
33	0,00429	0,593	7,15e-06
34	0,0577	0	0
35	0,00326	0,580	1,54e-06
36	0,0512	0	0
37	0,00366	0,565	3,48e-06
38	0,0466	0	0
39	0,00319	0,534	1,56e-06
40	0,0423	0	0
41	0,00516	0,518	1,05e-05
42	0,0389	0	0

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43	0,00411	0,510	8,35e-06
44	0,0355	0	0
45	0,00299	0,510	3,35e-06
46	0,0325	0	0
47	0,00365	0,501	4,54e-06
48	0,0303	0	0
49	0,0037	0,477	4,51e-06
50	0,0281	0	0