

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Halo 100+80+60*

Item No: *AZ4707*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ4707*

LuminaireName: *AZ4707*

LuminaireNumber: *AZ4707*

FileName: *AZ4707.Idt*

Date: *2023-09-12*

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
Type of lamps: LED
Total luminous flux: 4387,19 lm
Color temperatur: 3024 K
Color rendering index: 81,52
Wattage including ballast: 120,46 W

Utilization factors:

k = 0.60	0,253
k = 0.80	0,325
k = 1.00	0,391
k = 1.25	0,457
k = 1.50	0,511
k = 2.00	0,596
k = 2.50	0,647
k = 3.00	0,688
k = 4.00	0,745
k = 5.00	0,783

Electrical parameters

U = 229,557 V
 I = 0,537 A
 P = 120,464 W
Power factor = 0,977

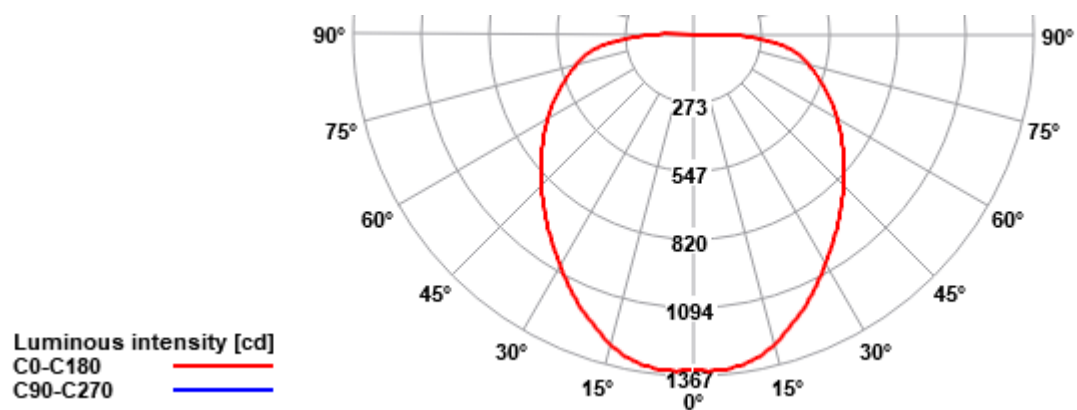
Power apparent = 123,327 VA
Power Reactive = -26,401 var
Frequency Voltage = 50,001 Hz
THD = 8,755 %

Temperature = 25 C

Goniometric measurement results

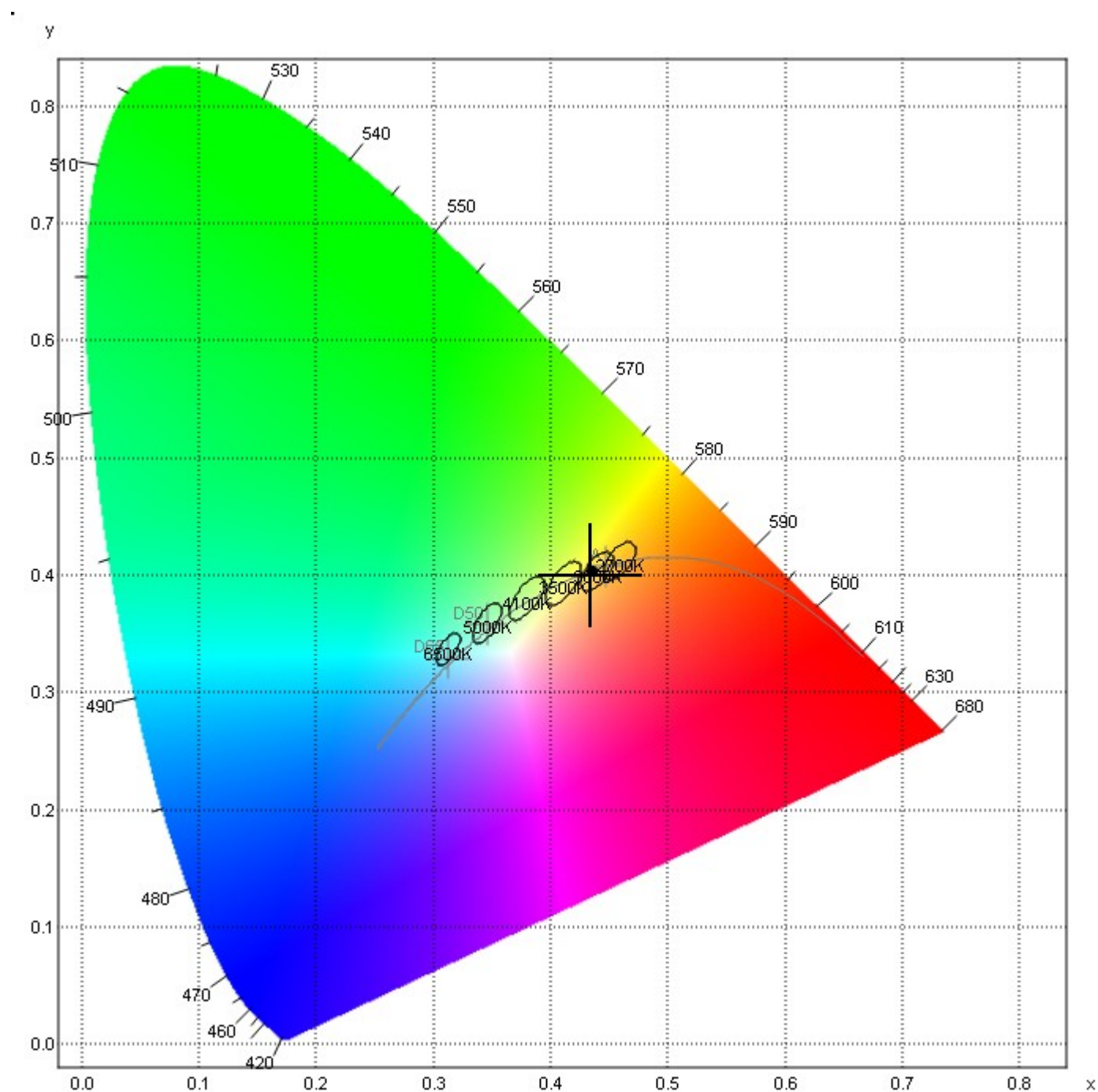
Total flux (utilized luminarie flux)	4387,19 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1353,58 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	36,42 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4335
y 0,3999
Angular Colour Uniformity 0,0011



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

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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

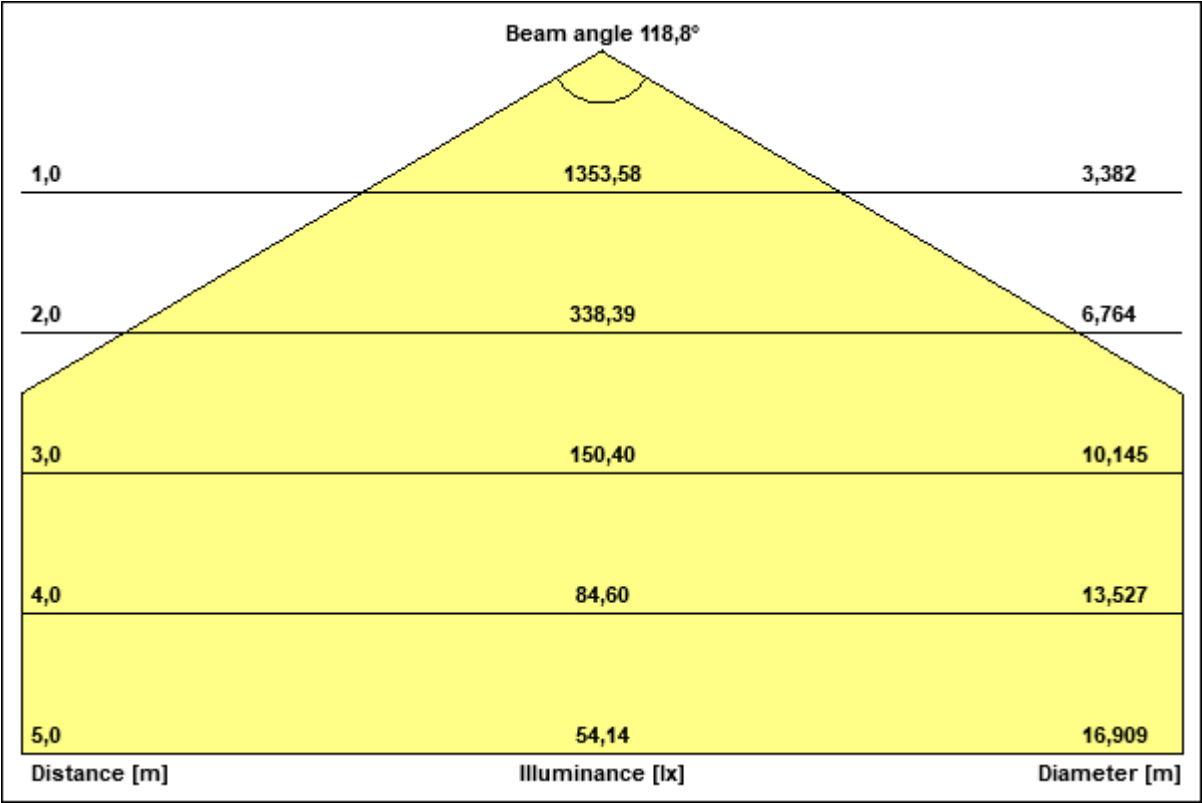
NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

Beam cone



Stabilization

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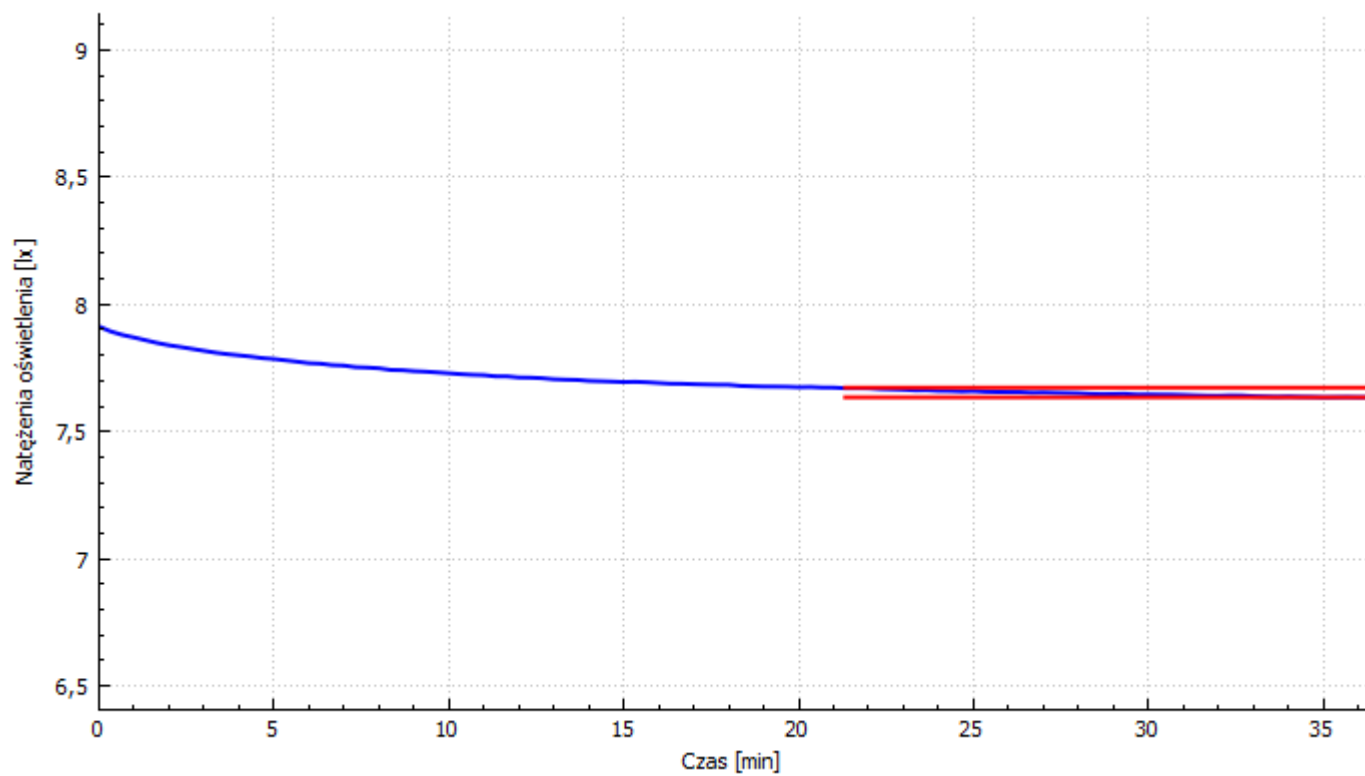
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3D Chart

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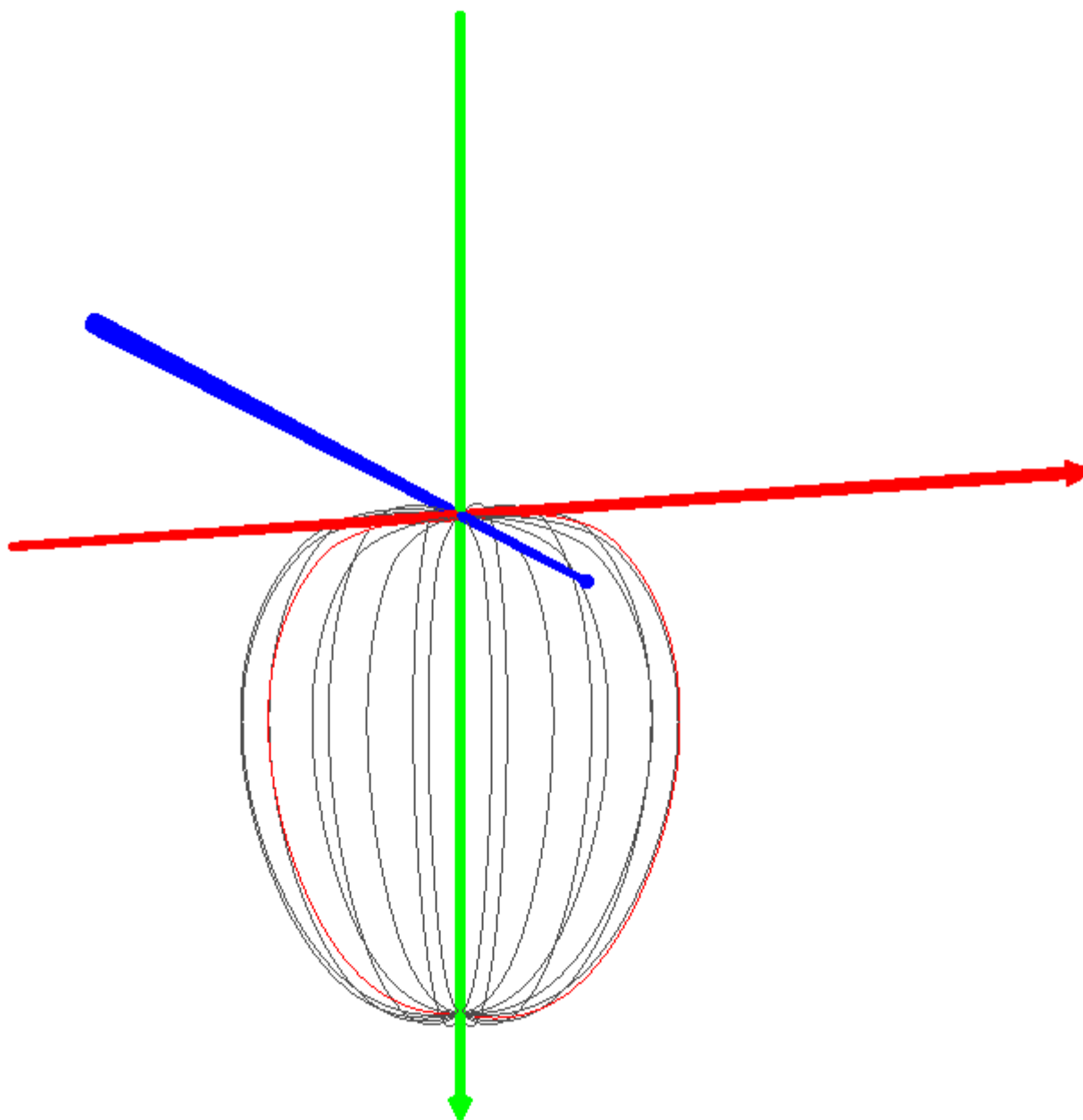
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Legend

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

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0,00636	0,249	-2,34e-05
1	100,000	100,000	100,000
2	0,00347	0,0407	-4,85e-07
3	0,0337	7,819	0,00259
4	0,0023	0,0763	0
5	0,00804	1,921	0,000128
6	0,000881	0	6,67e-08
7	0,00589	1,437	8,31e-05
8	0	0,0529	0
9	0,00657	1,302	8,17e-05
10	0	0,049	0
11	0,00905	1,325	6,47e-05
12	0	0,0411	0
13	0,00736	1,132	4,06e-05
14	0	0,0526	0
15	0,00586	1,071	3,53e-05
16	0	0,0546	0
17	0,00405	0,806	2,18e-05
18	0	0,0542	0
19	0,00517	0,715	1,82e-05
20	0	0,0461	0
21	0,00372	0,599	1,45e-05
22	0	0,0525	0
23	0,00759	0,621	-1,4e-08
24	0,00115	0,0469	-1,79e-07
25	0,00594	0,528	8,23e-06
26	0	0	0
27	0,00513	0,476	7,13e-06
28	0,000896	0,0521	0
29	0,00497	0,324	5,12e-06
30	0	0	5,59e-07
31	0,00436	0,337	9,54e-06
32	0,00123	0,053	0
33	0,00475	0,274	7,62e-06
34	0,00131	0,0397	3,49e-07
35	0,00482	0,284	5,21e-06
36	0	0	-1,96e-07
37	0,00255	0,233	2,08e-06
38	0,000955	0	0
39	0,00285	0,254	1,64e-06
40	0,000999	0,0584	-5,35e-07
41	0,00229	0,215	2,95e-06
42	0	0	6,26e-08

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43	0	0,188	5,59e-09
44	0,00133	0,0533	6,99e-07
45	0,00492	0,211	1,66e-06
46	0,00105	0,0444	3,88e-08
47	0,0043	0,244	-4,22e-08
48	0,00133	0	0
49	0,00565	0,131	1,66e-06
50	0,00172	0,0415	4,13e-07