

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Halo 60 WH*

Item No: *AZ4966*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ4966*

LuminaireName: *Halo 60 WH*

LuminaireNumber: *AZ4966*

FileName: *AZ4966.Idt*

Date: *2024-03-01*

Dimensions of luminaire

Length: *600 mm*

Width: *0 mm*

Height: *60 mm*

Dimensions of luminous area

Length: *600 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: 1755,85 lm
Color temperatur: 2949 K
Color rendering index: 82,51
Wattage including ballast: 36,36 W

Utilization factors:

k = 0.60	0,228
k = 0.80	0,299
k = 1.00	0,363
k = 1.25	0,429
k = 1.50	0,482
k = 2.00	0,567
k = 2.50	0,619
k = 3.00	0,661
k = 4.00	0,720
k = 5.00	0,760

Electrical parameters

<i>U</i>	= 229,563 V
<i>I</i>	= 0,163 A
<i>P</i>	= 36,359 W
<i>Power factor</i>	= 0,974

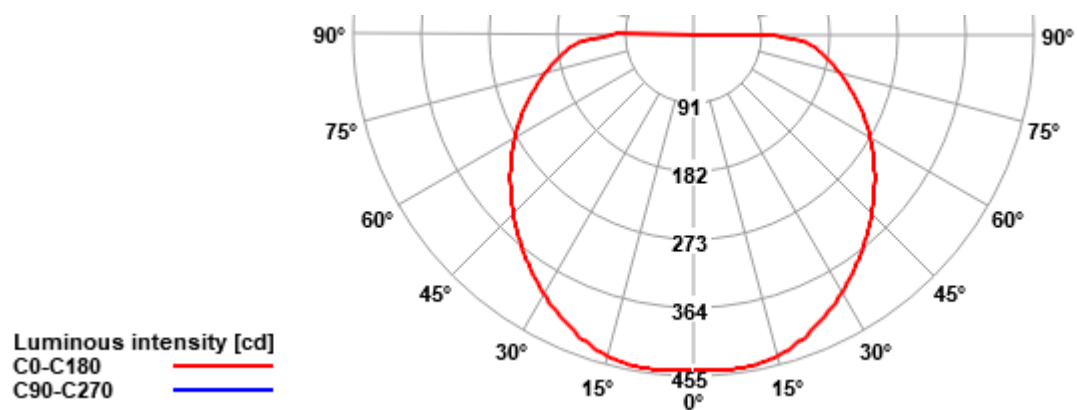
<i>Power apparent</i>	= 37,312 VA
<i>Power Reactive</i>	= -8,418 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 7,532 %

Temperature = 25 C

Goniometric measurement results

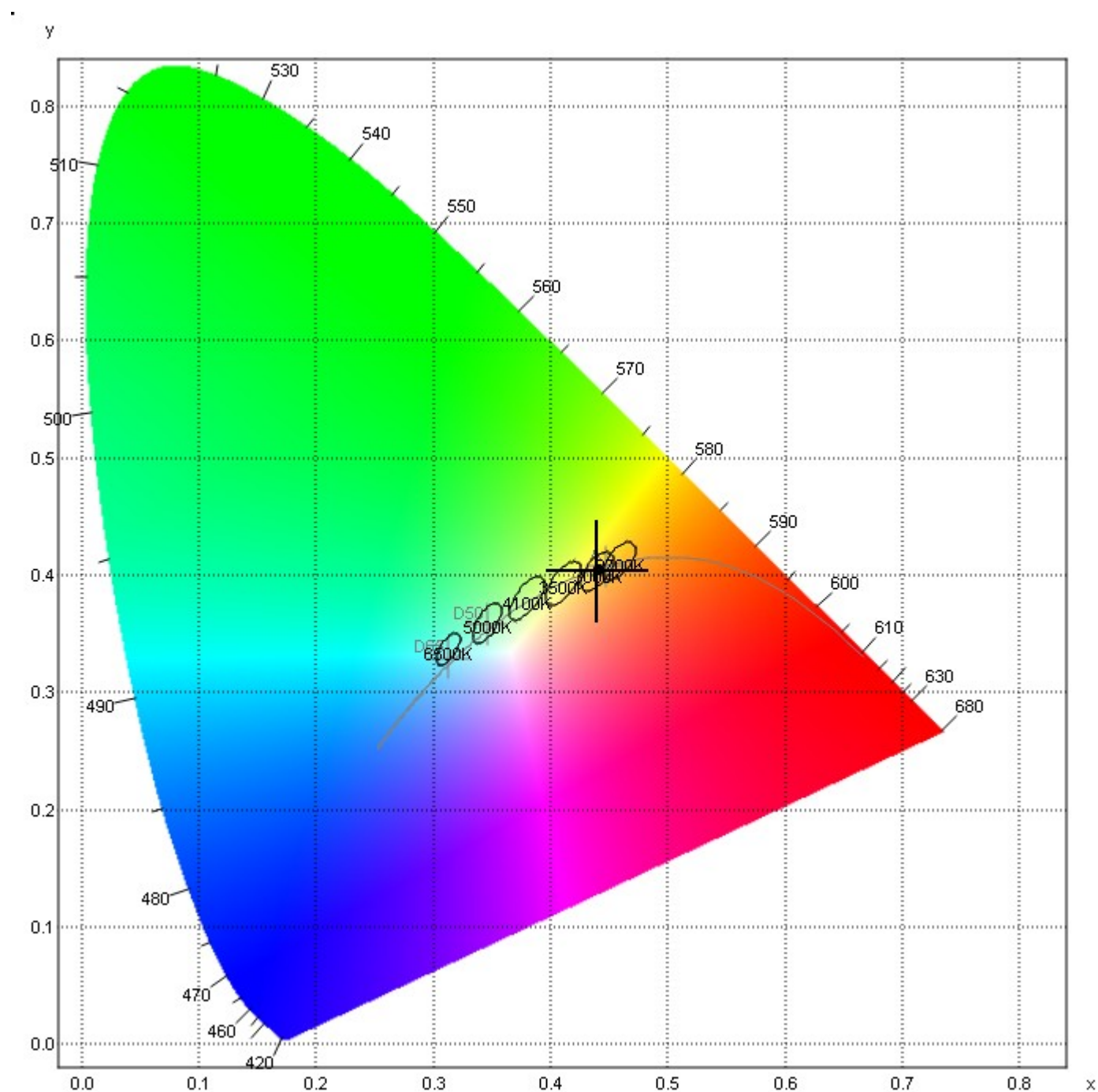
Total flux (utilized luminarie flux)	1755,85 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	450,82 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	48,29 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4396
y 0,4033
Angular Colour Uniformity 0,0016



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NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

Beam cone

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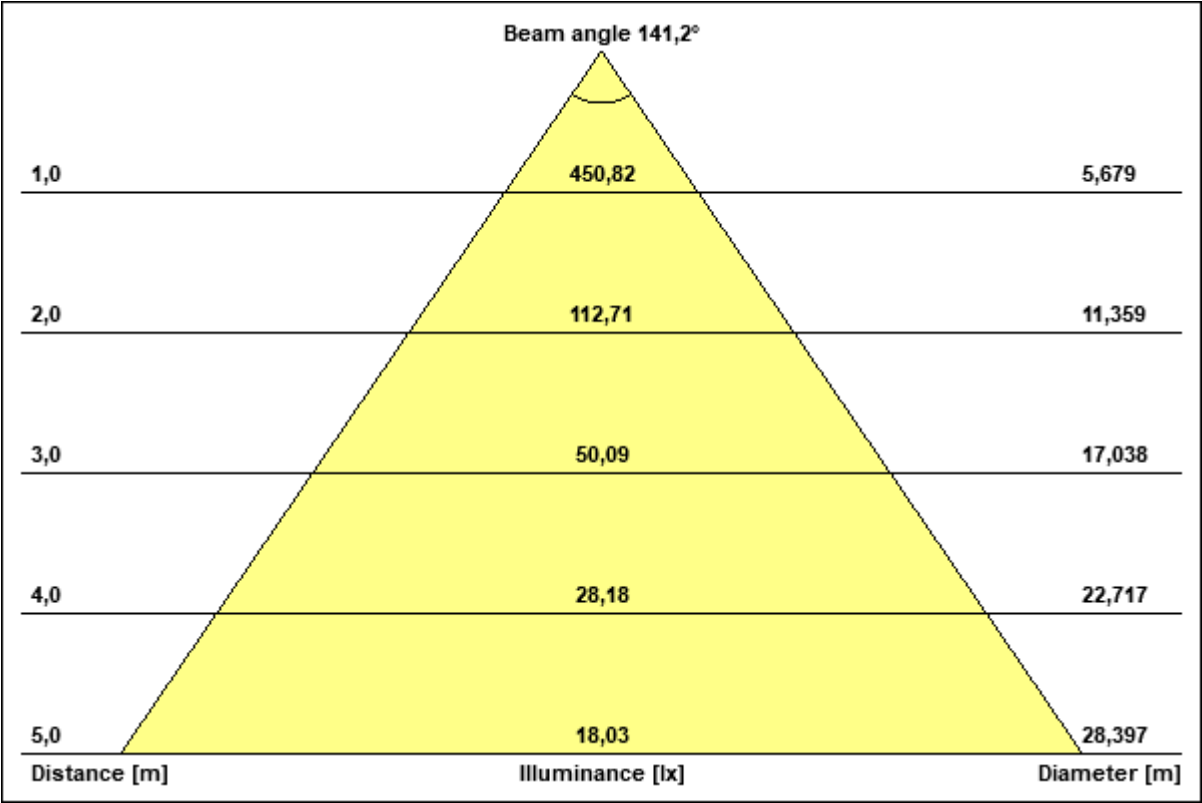
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Stabilization

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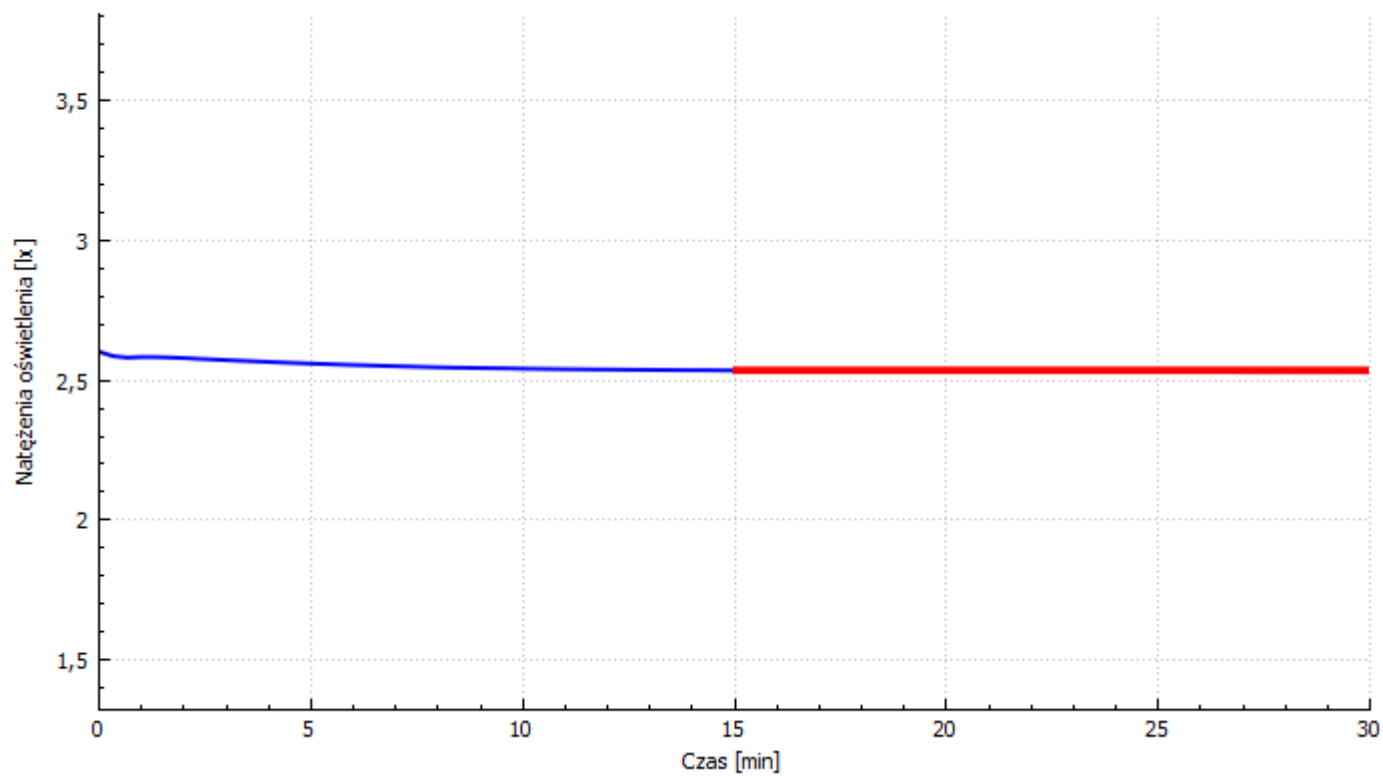
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3D Chart

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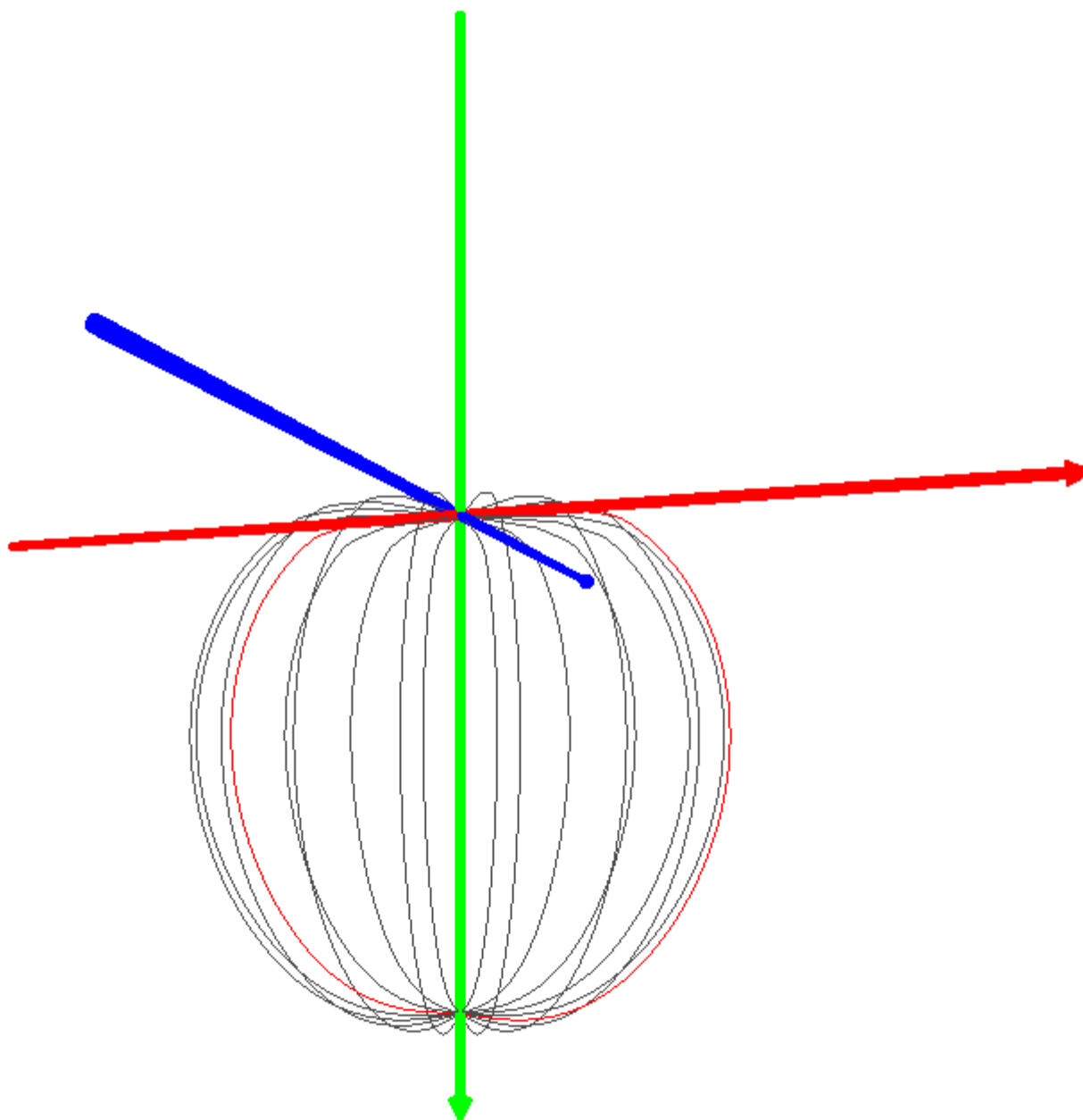
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Legend

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

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0,0248	0	1,66e-05
1	100,000	100,000	100,000
2	0,00814	0,0358	-2,27e-08
3	0,00342	6,654	7,33e-06
4	0,00255	0,0423	-9,9e-07
5	0,00698	2,394	-0,000147
6	0,00169	0,0488	1,82e-07
7	0,00527	0,567	-5,44e-06
8	0,00189	0,0434	-1,35e-09
9	0,00128	1,098	-1,4e-05
10	0,00162	0,0397	-2,27e-09
11	0,00477	1,484	3,19e-05
12	0,00142	0,045	2,21e-07
13	0,0046	1,444	2,47e-05
14	0,00119	0,0593	-1,25e-08
15	0,00256	0,963	7,94e-06
16	0,00146	0,0453	1,45e-07
17	0,00123	0,812	5,41e-06
18	0,00111	0,04	-3,61e-07
19	0,00141	0,496	9,9e-06
20	0,000946	0,0559	1,89e-07
21	0	0,239	0
22	0,000837	0,035	0
23	0,00289	0,322	8,73e-07
24	0	0,052	0
25	0	0,214	0
26	0	0,0378	0
27	0,0016	0,0702	2,39e-06
28	0	0,0492	0
29	0,00101	0,158	0
30	0	0,0482	0
31	0,00133	0,219	-1,72e-06
32	0,00103	0	0
33	0,000968	0,128	2,18e-07
34	0,000999	0,029	-3,85e-07
35	0,00158	0,160	1,34e-06
36	0,00108	0,0268	-2,05e-07
37	0,00176	0,0636	2,45e-07
38	0,0015	0,0482	7,06e-07
39	0,00153	0,188	1,48e-06
40	0,00147	0,0503	-2,93e-08
41	0,00136	0,238	-9,07e-07
42	0,00121	0,0348	-2,08e-07

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43	0	0,0893	0
44	0,00142	0,0441	3,28e-07
45	0,00192	0,172	-8,56e-08
46	0,00143	0	-4,02e-07
47	0,00208	0,230	1,85e-06
48	0,00116	0,0357	-6,44e-07
49	0,00215	0,339	3,07e-06
50	0,00104	0,0566	1,35e-06

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