

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Halo 60 BK Pendant*
Item No: *AZ4968*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4968*
LuminaireName: *Halo 60 BK Pendant*
LuminaireNumber: *AZ4968*
FileName: *AZ4968.Idt*
Date: *2024-03-01*

Dimensions of luminaire

Length: *600 mm*
Width: *0 mm*
Height: *1000 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: 1175,68 lm
Color temperatur: 3005 K
Color rendering index: 81,21
Wattage including ballast: 42,77 W

Utilization factors:

k = 0.60	0,230
k = 0.80	0,301
k = 1.00	0,366
k = 1.25	0,431
k = 1.50	0,484
k = 2.00	0,569
k = 2.50	0,620
k = 3.00	0,662
k = 4.00	0,721
k = 5.00	0,760

Electrical parameters

<i>U</i>	= 229,546 V
<i>I</i>	= 0,190 A
<i>P</i>	= 42,775 W
<i>Power factor</i>	= 0,978

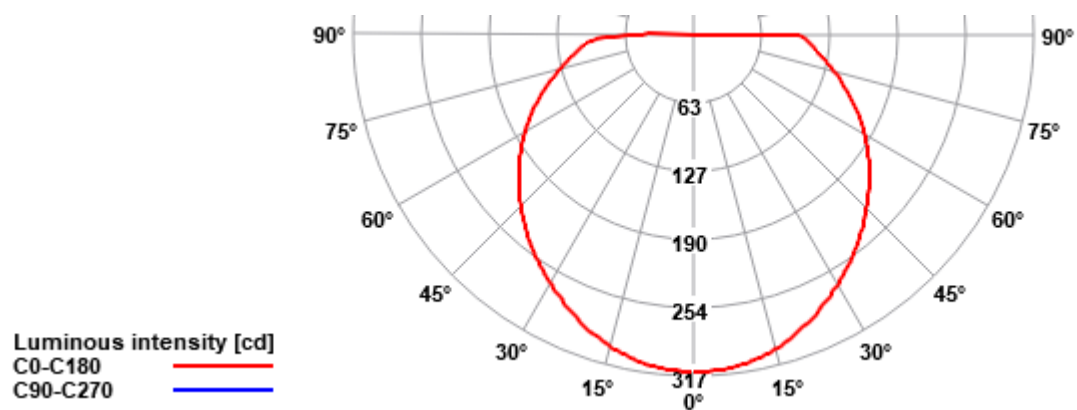
<i>Power apparent</i>	= 43,731 VA
<i>Power Reactive</i>	= -9,114 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 7,052 %

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1175,68 <i>lm</i>
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	314,06 <i>cd</i>
Light output ratio (LOR)	100,00 %
Luminous efficacy	27,49 <i>lm/W</i>

Light intensity distribution diagram



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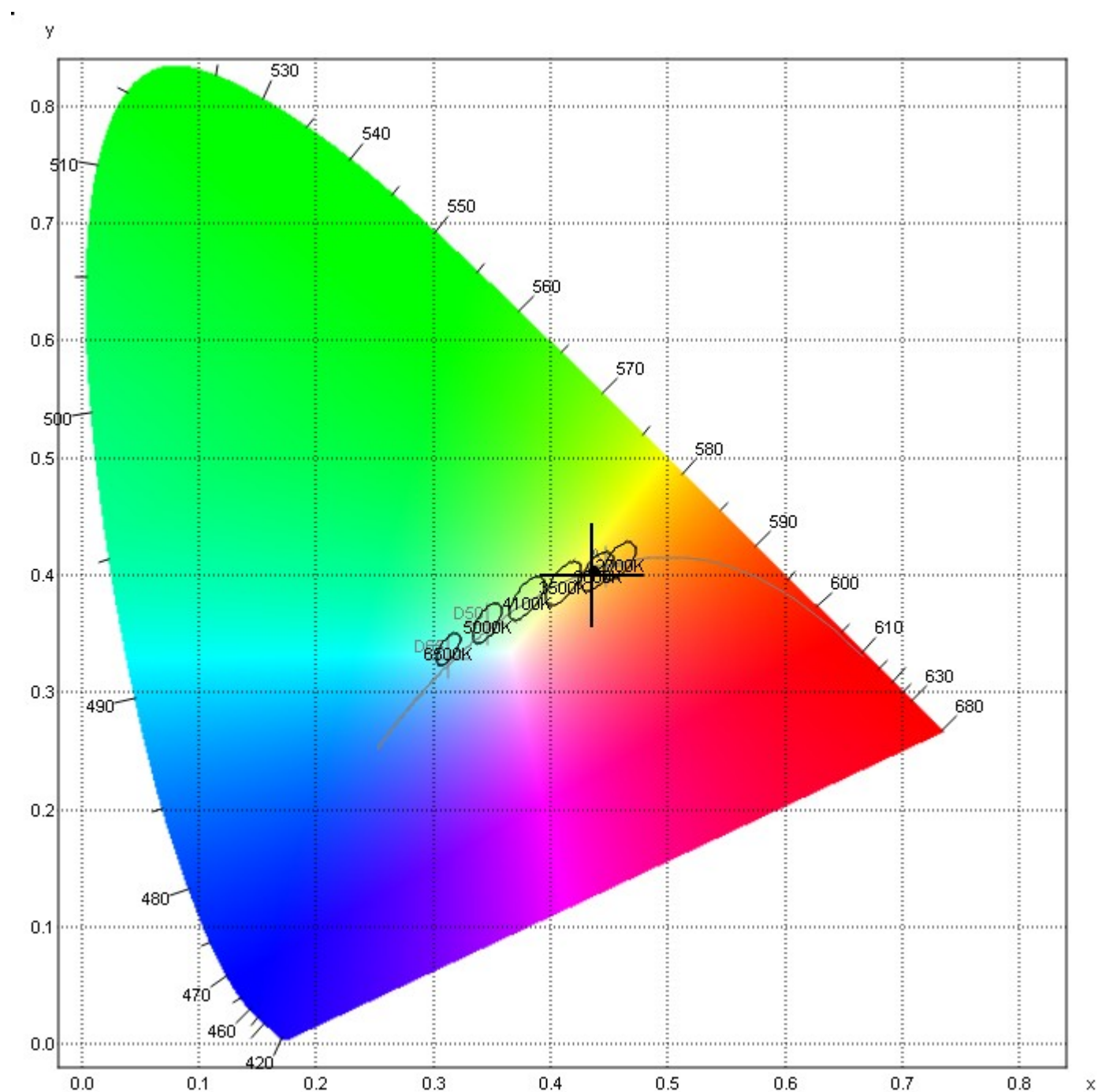
REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

CIE 1931 diagram

x 0,4348
y 0,4003
Angular Colour Uniformity 0,0016



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Beam cone

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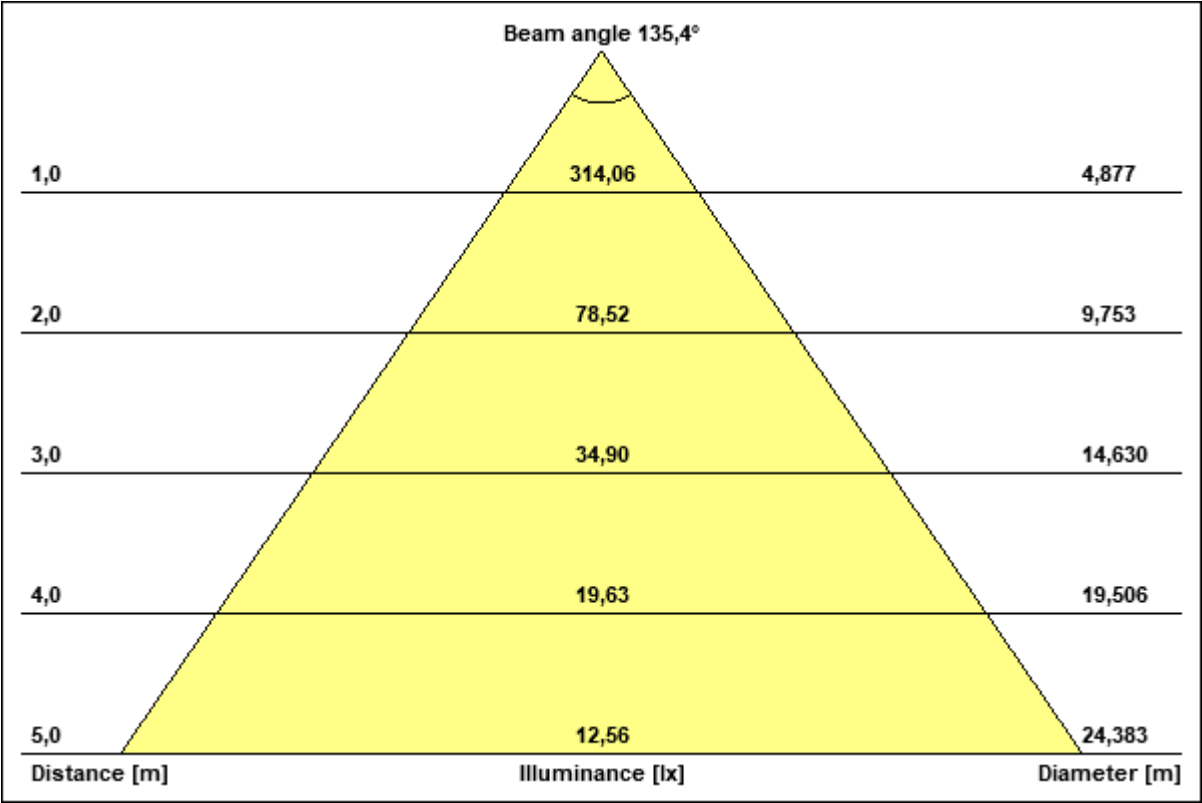
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Stabilization

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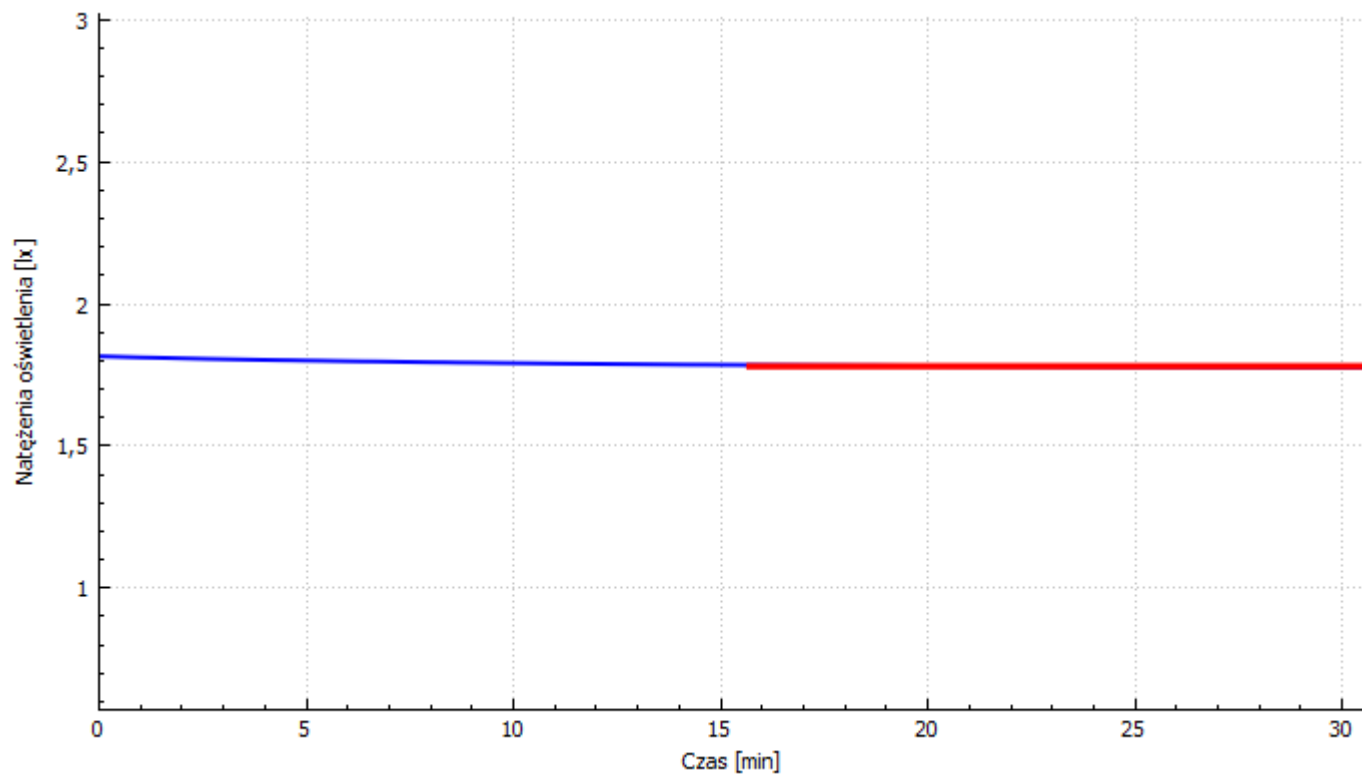
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3D Chart

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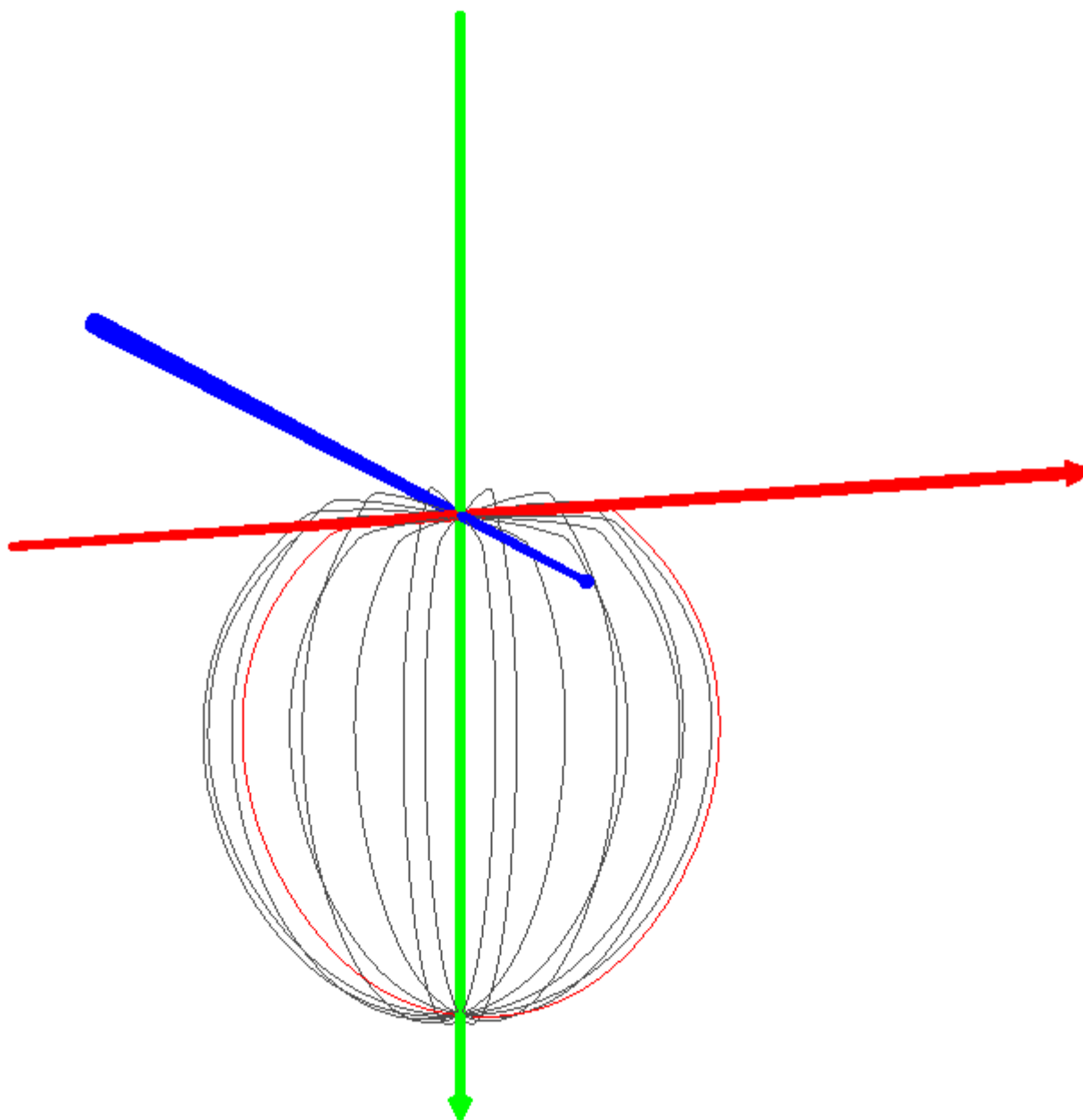
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Legend

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

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0,00278	0,0468	-2,31e-07
1	100,000	100,000	100,000
2	0,00843	0,0648	3,08e-07
3	0,00671	5,634	0,000221
4	0,0025	0,0262	-1,14e-06
5	0,00532	2,223	-9,93e-05
6	0,00194	0	-1,14e-06
7	0,00273	2,619	4,7e-06
8	0,00172	0	6,77e-07
9	0,00211	0,701	-6,26e-06
10	0,00162	0,0599	-1,11e-07
11	0,00353	0,605	1,45e-05
12	0,00115	0,0609	1,03e-07
13	0,00327	1,071	4,12e-06
14	0,00138	0,0777	-4,92e-09
15	0,00312	1,530	2,42e-05
16	0,000935	0,0539	1,98e-07
17	0,00152	0,995	1,58e-05
18	0,00114	0	1,99e-07
19	0,00191	0,580	1,12e-05
20	0,000971	0	0
21	0	0,357	5,05e-06
22	0,000979	0,0234	8,04e-09
23	0,00417	0,424	-1,2e-06
24	0	0,0585	0
25	0,00163	0,331	2,76e-06
26	0	0,0498	0
27	0,00109	0,187	2,43e-06
28	0	0,0455	1,77e-07
29	0,000966	0,219	0
30	0	0	0
31	0,00167	0,0392	1,63e-06
32	0	0,0298	1,26e-08
33	0,00123	0,146	-8,26e-07
34	0,000851	0	7,26e-08
35	0	0,126	-1,18e-06
36	0	0,0289	0
37	0,00157	0,104	-1,4e-06
38	0,00102	0,0506	0
39	0,00117	0,153	2,53e-07
40	0,00117	0,0574	2,09e-07
41	0,00315	0,195	1,87e-08
42	0,00126	0,0289	-7,32e-08

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43	0,00161	0,211	1,7e-06
44	0,00129	0,0398	1,39e-07
45	0,00293	0,178	2,88e-06
46	0,00136	0,0714	0
47	0,00279	0,217	2,86e-06
48	0,00177	0,0572	6,43e-09
49	0,00291	0,151	1,11e-06
50	0,00123	0,0265	2,23e-07