

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Halo80 WH TOP*

Item No: *AZ4958*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ4958*

LuminaireName: *Halo 80 WH TOP*

LuminaireNumber: *AZ4958*

FileName: *AZ4958.Idt*

Date: *2024-03-04*

Dimensions of luminaire

Length: *800 mm*

Width: *0 mm*

Height: *60 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: 3057,59 lm
Color temperatur: 2878 K
Color rendering index: 81,66
Wattage including ballast: 47,57 W

Utilization factors:

k = 0.60	0,251
k = 0.80	0,323
k = 1.00	0,388
k = 1.25	0,453
k = 1.50	0,506
k = 2.00	0,589
k = 2.50	0,639
k = 3.00	0,679
k = 4.00	0,736
k = 5.00	0,774

Electrical parameters

U = 229,656 V
 I = 0,215 A
 P = 47,566 W
Power factor = 0,963

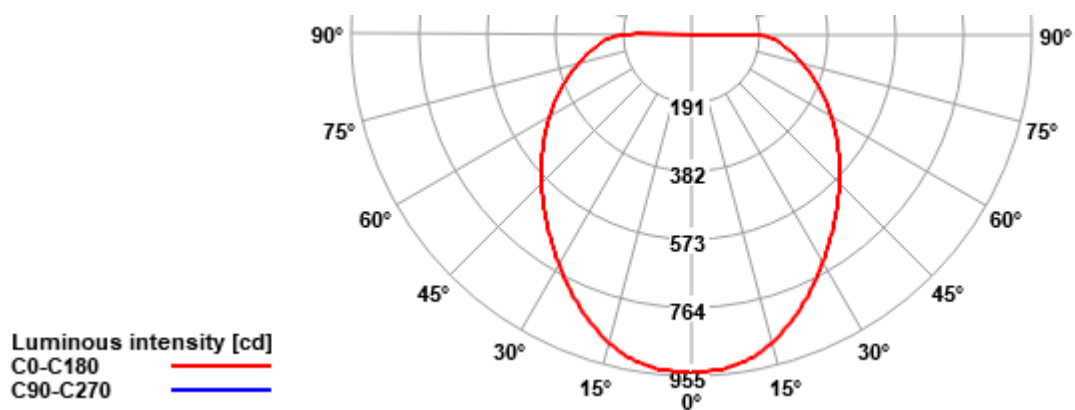
Power apparent = 49,386 VA
Power Reactive = -13,287 var
Frequency Voltage = 50,002 Hz
THD = 9,320 %

Temperature = 25 C

Goniometric measurement results

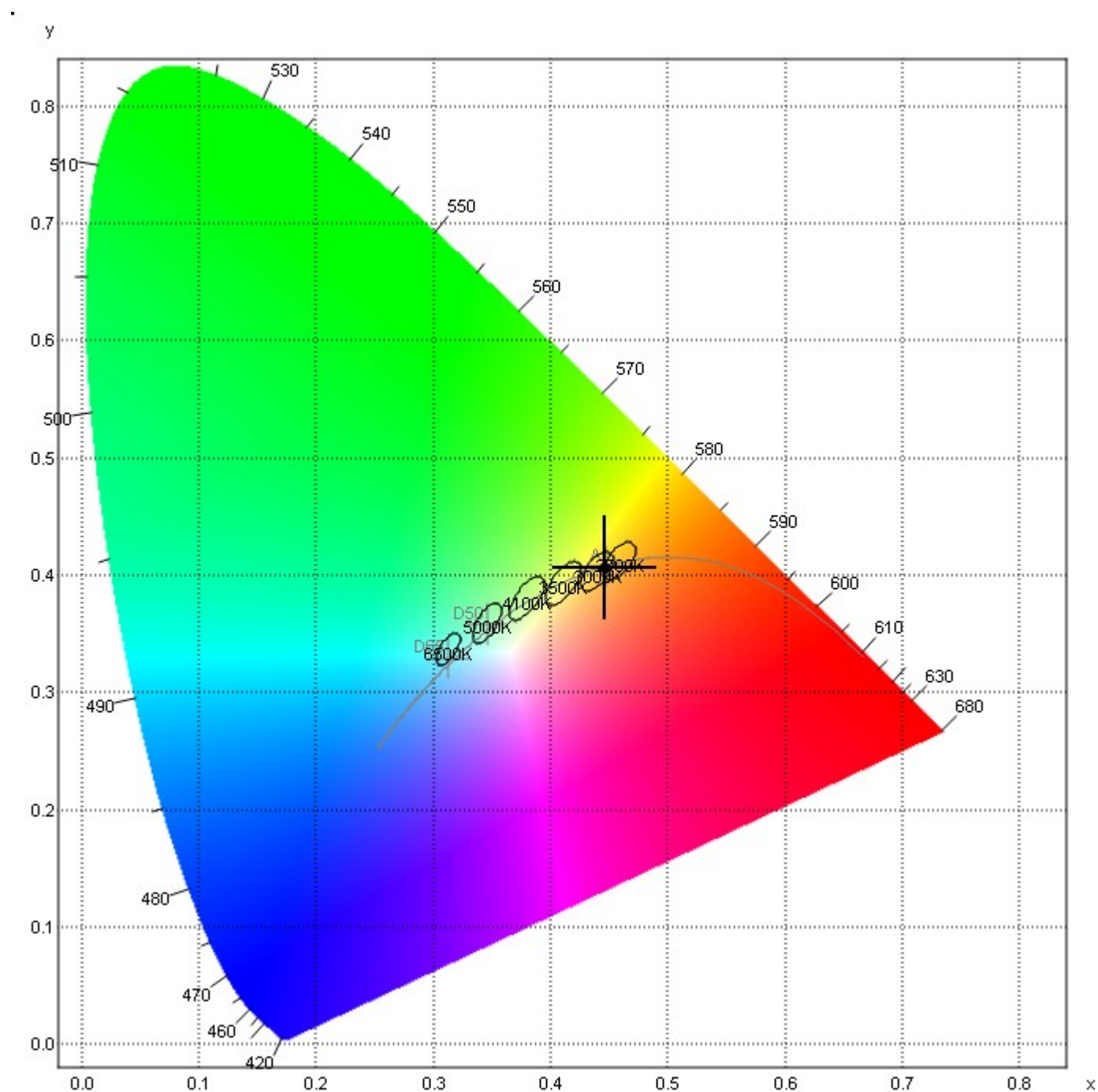
Total flux (utilized luminarie flux)	3057,59 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	945,17 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	64,28 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4455
y 0,4063
Angular Colour Uniformity 0,0017



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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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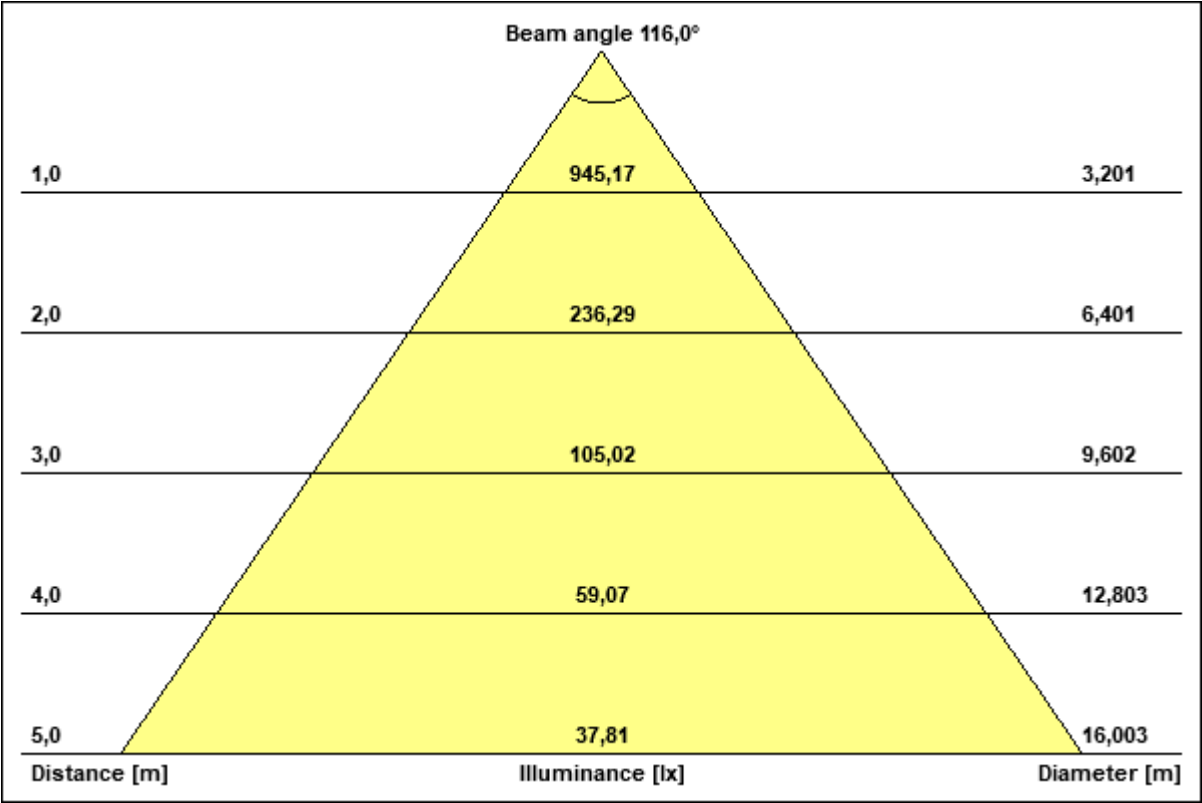
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Stabilization

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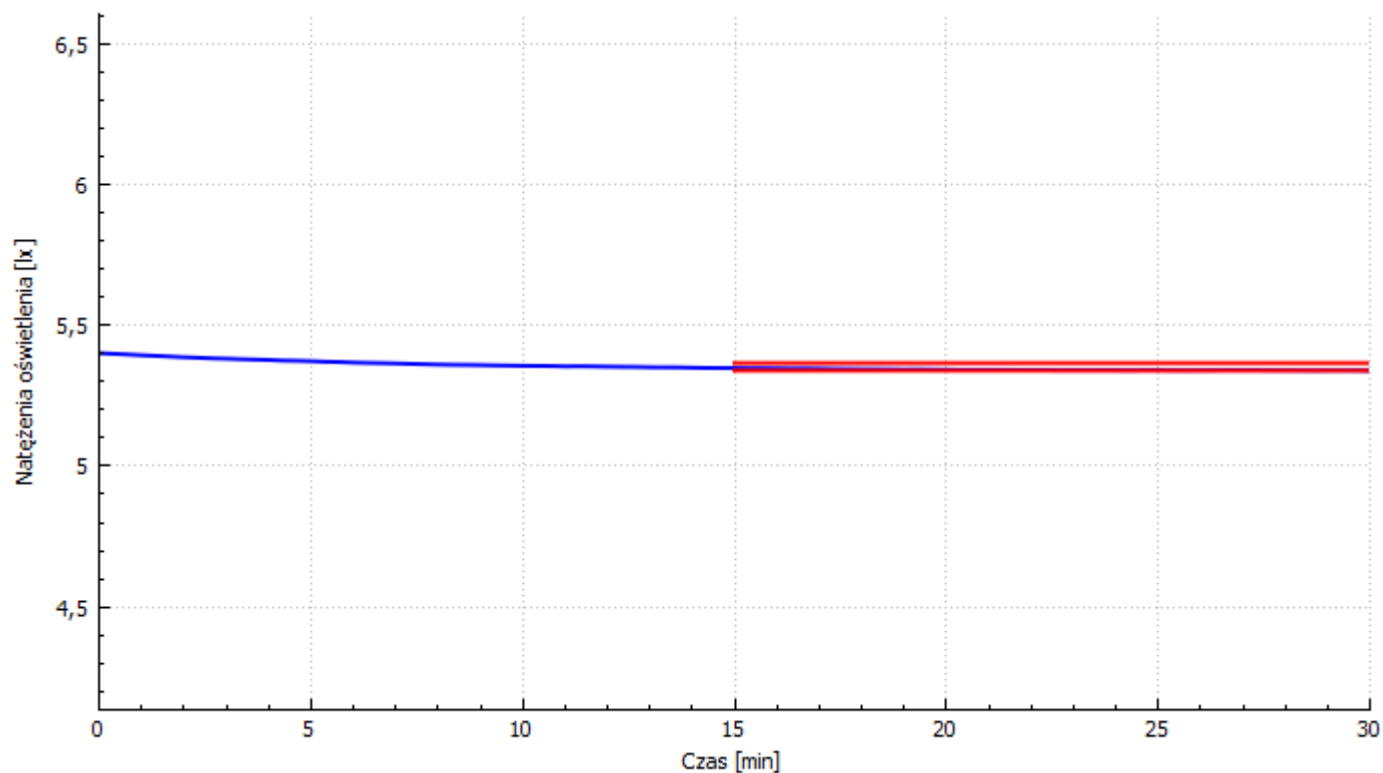
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3D Chart

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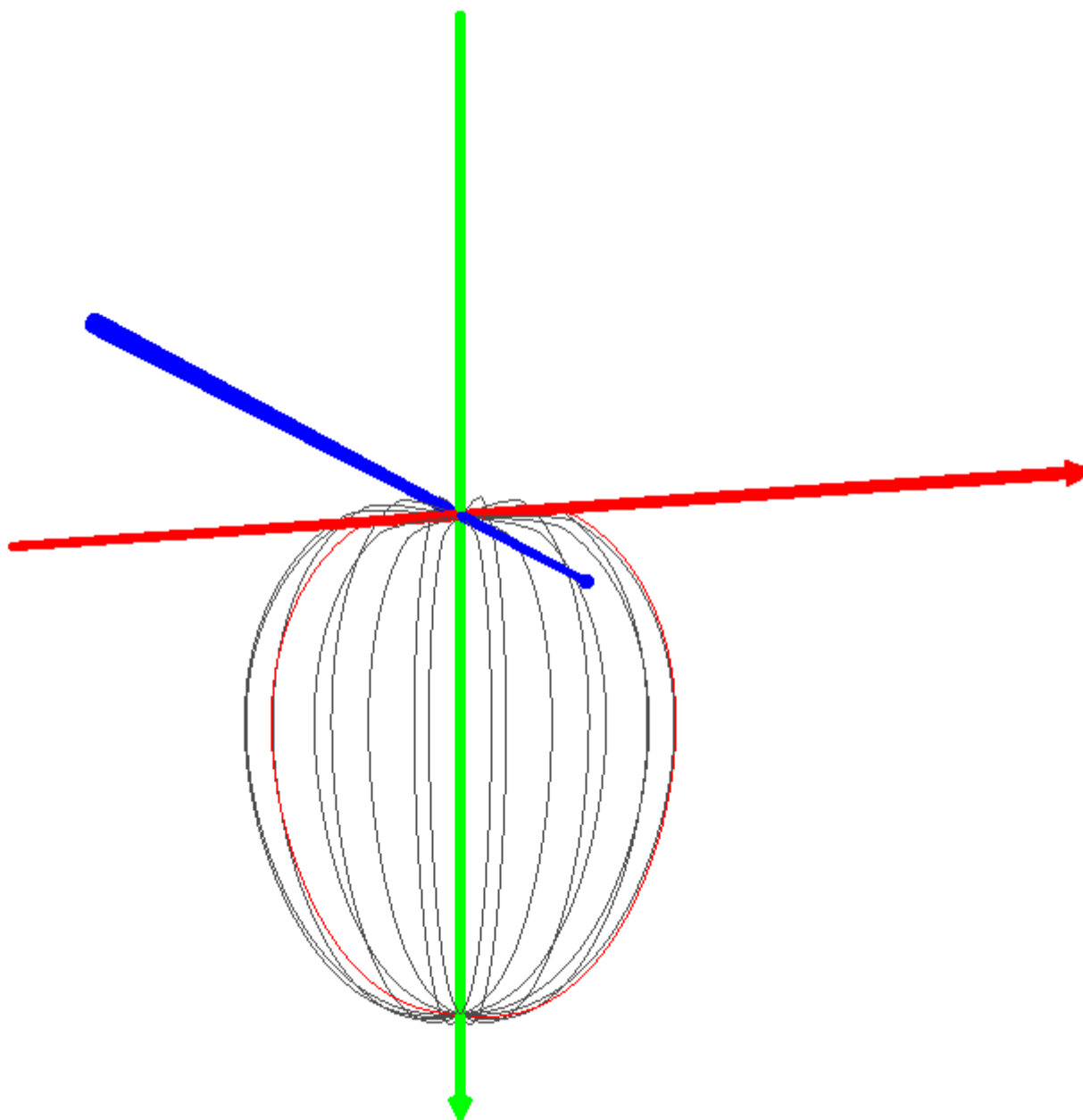
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Legend

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

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0,00146	0,143	1,33e-07
1	100,000	100,000	100,000
2	0,00552	0,306	2,7e-06
3	0,0167	8,143	0,00142
4	0,00207	0,205	-9,07e-07
5	0,00323	2,168	-5,2e-05
6	0,00134	0	0
7	0,00931	2,220	0,00018
8	0,00139	0,101	1,43e-06
9	0,00681	2,634	0,000132
10	0	0,0618	1,65e-07
11	0,000868	1,187	0
12	0,000874	0	0
13	0,00322	0,473	-3,67e-06
14	0	0,0693	3,37e-07
15	0,00168	0,455	5,52e-06
16	0	0	0
17	0,00245	0,333	4,25e-06
18	0	0	0
19	0,00313	0,673	3,41e-06
20	0	0	0
21	0,00474	0,641	1,83e-05
22	0	0	0
23	0	0,356	0
24	0	0	0
25	0,00116	0,300	2,1e-06
26	0	0	0
27	0,00184	0,255	2,26e-06
28	0	0	0
29	0,00126	0,253	1,95e-06
30	0	0	0
31	0,00178	0,347	4,38e-06
32	0	0	0
33	0	0,299	0
34	0	0	0
35	0,00139	0,253	-8,03e-07
36	0	0	0
37	0,00203	0,258	-1,35e-06
38	0	0	0
39	0,00195	0,220	9,61e-07
40	0	0	0
41	0,00386	0,229	2,12e-06
42	0	0	0

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43	0,00292	0,227	2,84e-06
44	0	0	0
45	0,00112	0,187	2,05e-06
46	0	0	0
47	0,00125	0,200	9,78e-07
48	0,000909	0	0
49	0,000877	0,203	-9,55e-07
50	0	0	0