

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Halo 80 BK PENDANT*
Item No: *AZ4960*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4960*
LuminaireName: *Halo 80 BK PENDANT*
LuminaireNumber: *AZ4960*
FileName: *AZ4960.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: 1648,02 lm
Color temperatur: 3011 K
Color rendering index: 81,23
Wattage including ballast: 52,19 W

Utilization factors:

k = 0.60	0,238
k = 0.80	0,310
k = 1.00	0,375
k = 1.25	0,441
k = 1.50	0,494
k = 2.00	0,577
k = 2.50	0,628
k = 3.00	0,669
k = 4.00	0,727
k = 5.00	0,766

Electrical parameters

U = 229,613 V
 I = 0,235 A
 P = 52,186 W
Power factor = 0,965

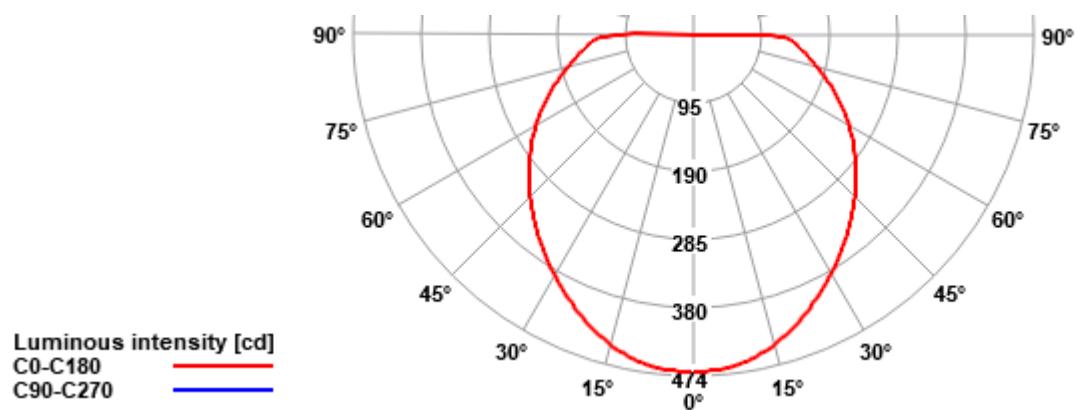
Power apparent = 54,069 VA
Power Reactive = -14,144 var
Frequency Voltage = 50,002 Hz
THD = 7,032 %

Temperature = 25 C

Goniometric measurement results

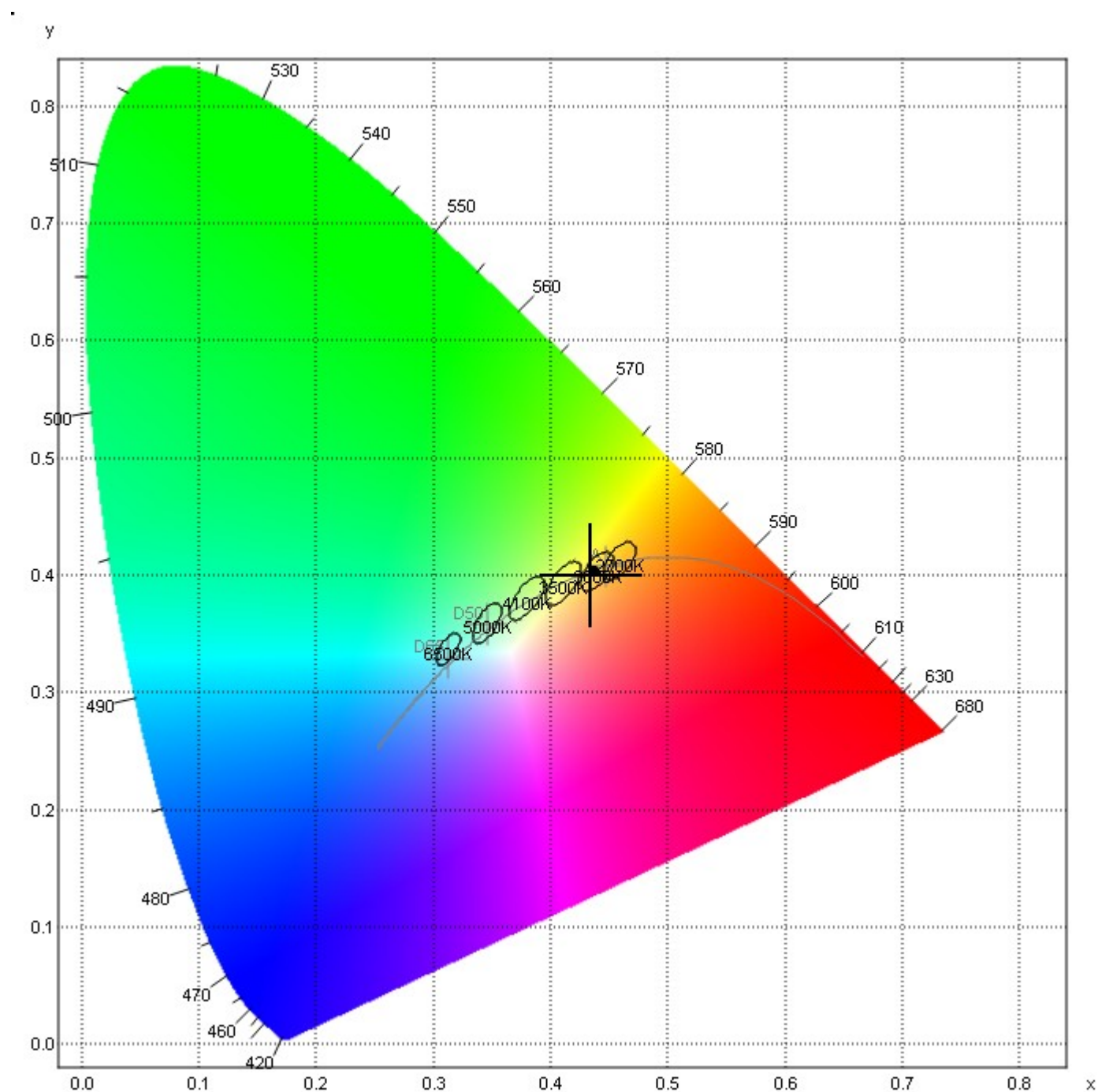
Total flux (utilized luminarie flux)	1648,02 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	469,78 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	31,58 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4342
y 0,3997
Angular Colour Uniformity 0,0018



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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

Beam cone

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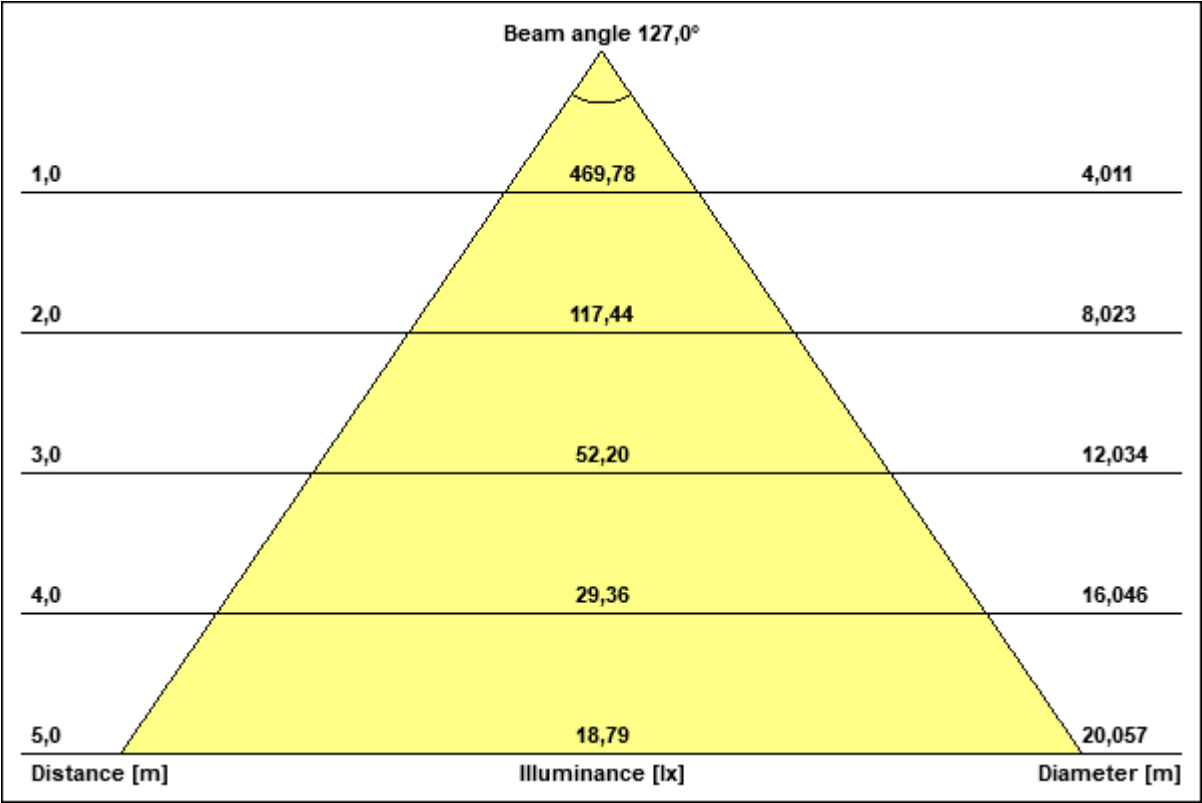
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Stabilization

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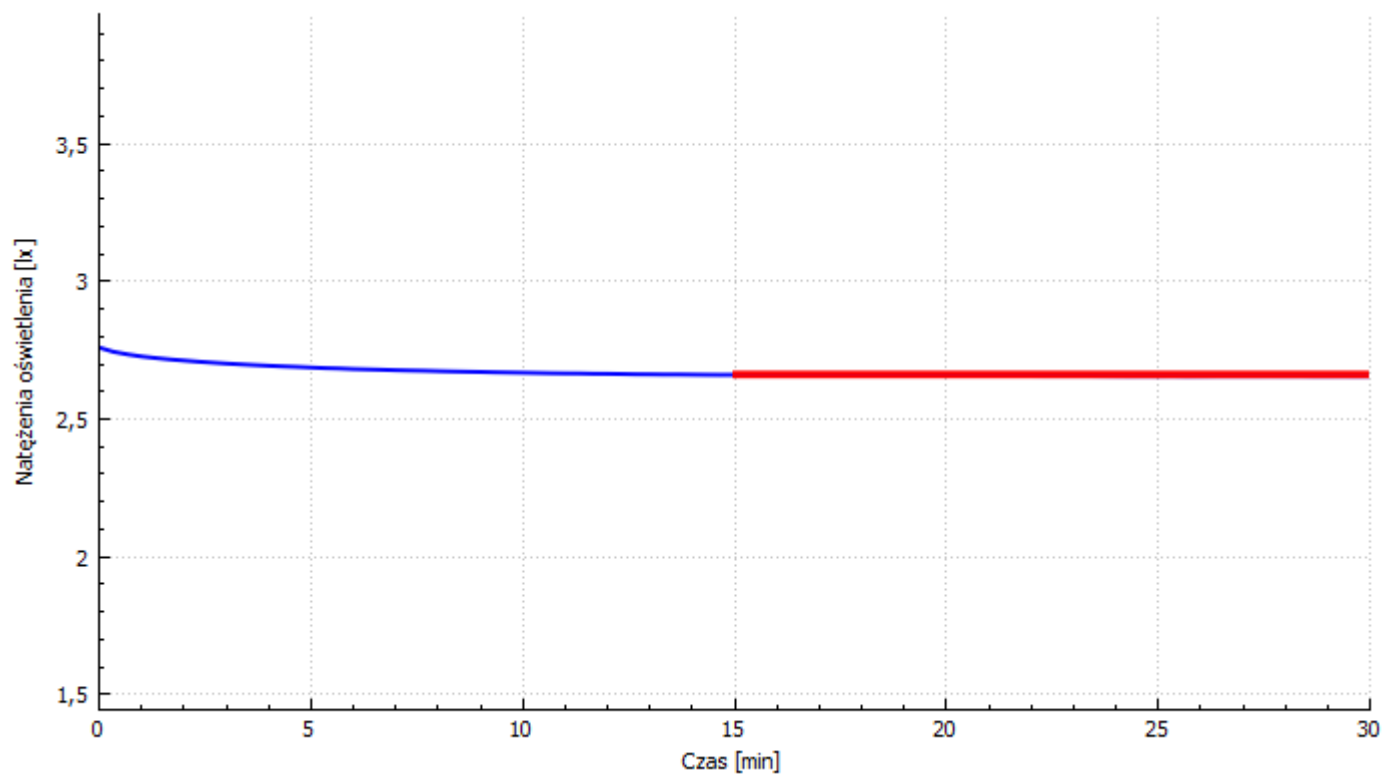
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3D Chart

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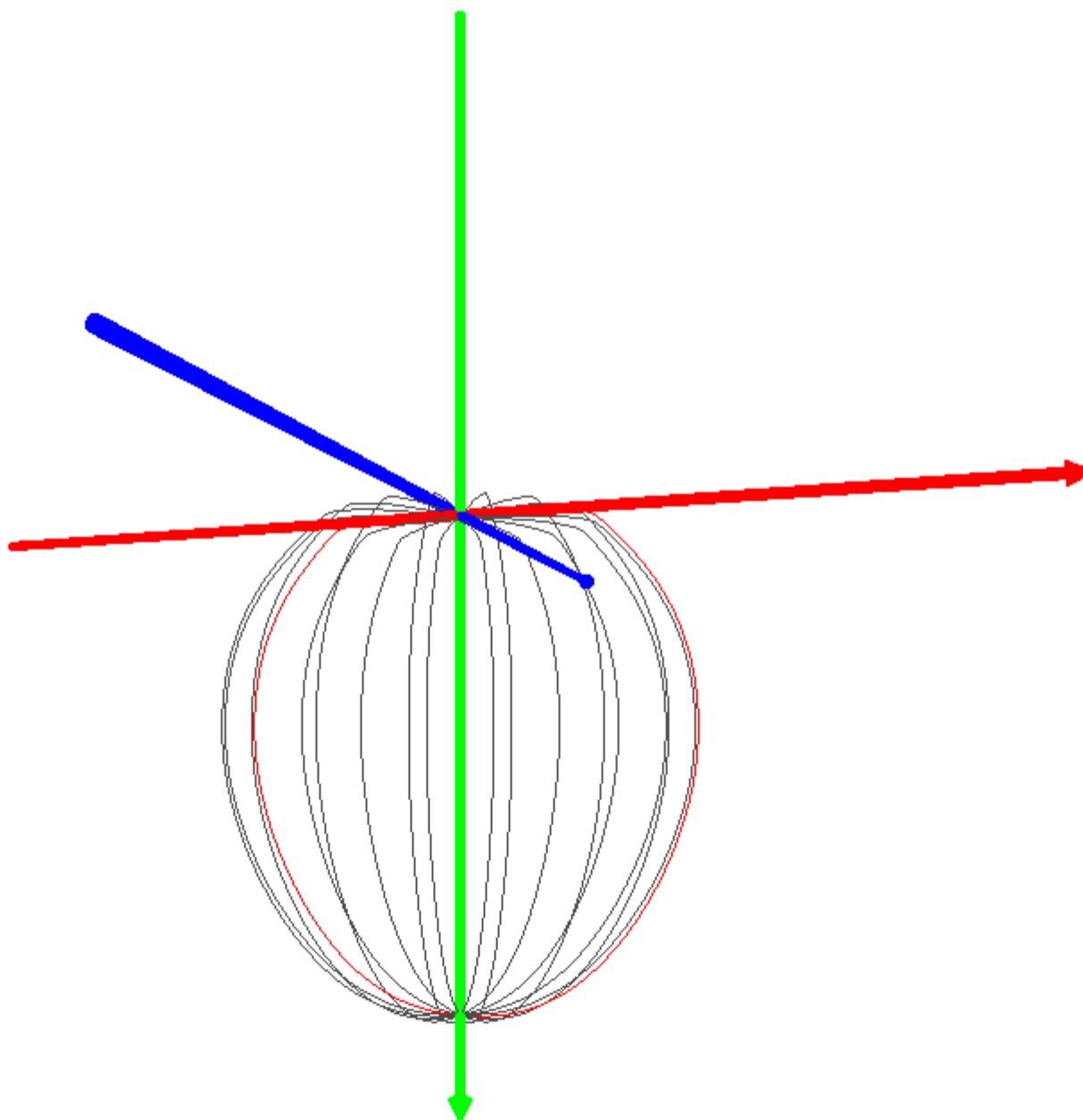
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Legend

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

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0,0284	0,699	0,000205
1	100,000	100,000	100,000
2	0,00732	0	0
3	0,0164	4,343	0,000648
4	0,0037	0	0
5	0,0033	1,706	5,58e-05
6	0,00216	0	0
7	0,0071	1,969	0,000165
8	0,00109	0	0
9	0,00807	2,909	0,000248
10	0	0	0
11	0,0028	2,391	9,78e-05
12	0	0	0
13	0,00164	1,450	3,74e-05
14	0	0	0
15	0,00177	0,911	2,42e-05
16	0	0	0
17	0,00219	0,780	2,17e-05
18	0	0	0
19	0,00247	0,786	1,58e-05
20	0,000978	0	0
21	0,00354	0,856	2,64e-05
22	0	0	0
23	0,00172	0,840	-7,58e-06
24	0	0	0
25	0,00256	0,740	4,19e-06
26	0,0012	0	0
27	0,00366	0,636	1,16e-05
28	0	0	0
29	0,00357	0,599	5,75e-06
30	0,00122	0	0
31	0,00448	0,592	1,32e-05
32	0,00138	0	0
33	0,00408	0,568	1,03e-05
34	0,00135	0	0
35	0,00296	0,534	7,87e-07
36	0,00115	0	0
37	0,00288	0,511	6,15e-06
38	0,00126	0	0
39	0,00306	0,495	5,75e-06
40	0,00115	0	0
41	0,00455	0,513	1,19e-05
42	0,000964	0	0

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43	0,0039	0,518	9,46e-06
44	0	0	0
45	0,00284	0,490	5,65e-07
46	0,000925	0	0
47	0,00257	0,453	2,29e-06
48	0,000885	0	0
49	0,00234	0,428	7,2e-07
50	0,000909	0	0