

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *AGNES PENDANT 38+58+78 DIMM CCT SWITCH*

Item No: *AZ5025*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ5025-3000K*

LuminaireName: *AGNES PENDANT 38+58+78 DIMM CCT SWITCH*

LuminaireNumber: *AZ5025-3000K*

FileName: *AZ50253000K.Idt*

Date: *2024-06-05*

Dimensions of luminaire

Length: *780 mm*

Width: *0 mm*

Height: *1000 mm*

Dimensions of luminous area

Length: *780 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*

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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 200.000PLN

Type of lamps: *LED*
Total luminous flux: *9026,83 lm*
Color temperatur: *2844 K*
Color rendering index: *81,00*
Wattage including ballast: *124,02 W*

Utilization factors:

k = 0.60	<i>0,248</i>
k = 0.80	<i>0,325</i>
k = 1.00	<i>0,395</i>
k = 1.25	<i>0,466</i>
k = 1.50	<i>0,523</i>
k = 2.00	<i>0,612</i>
k = 2.50	<i>0,666</i>
k = 3.00	<i>0,708</i>
k = 4.00	<i>0,767</i>
k = 5.00	<i>0,805</i>

Electrical parameters

<i>U</i>	<i>= 229,542 V</i>
<i>I</i>	<i>= 0,544 A</i>
<i>P</i>	<i>= 124,020 W</i>
<i>Power factor</i>	<i>= 0,992</i>

<i>Power apparent</i>	<i>= 124,990 VA</i>
<i>Power Reactive</i>	<i>= -15,469 var</i>
<i>Frequency Voltage</i>	<i>= 50,001 Hz</i>
<i>THD</i>	<i>= 8,202 %</i>

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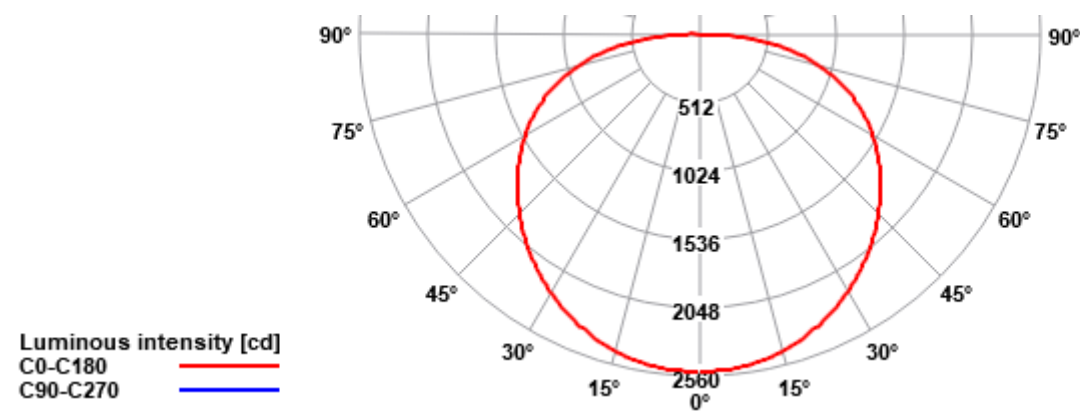
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	9026,83 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	2535,01 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	72,79 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4498
y	0,4104
Angular Colour Uniformity	0,0010

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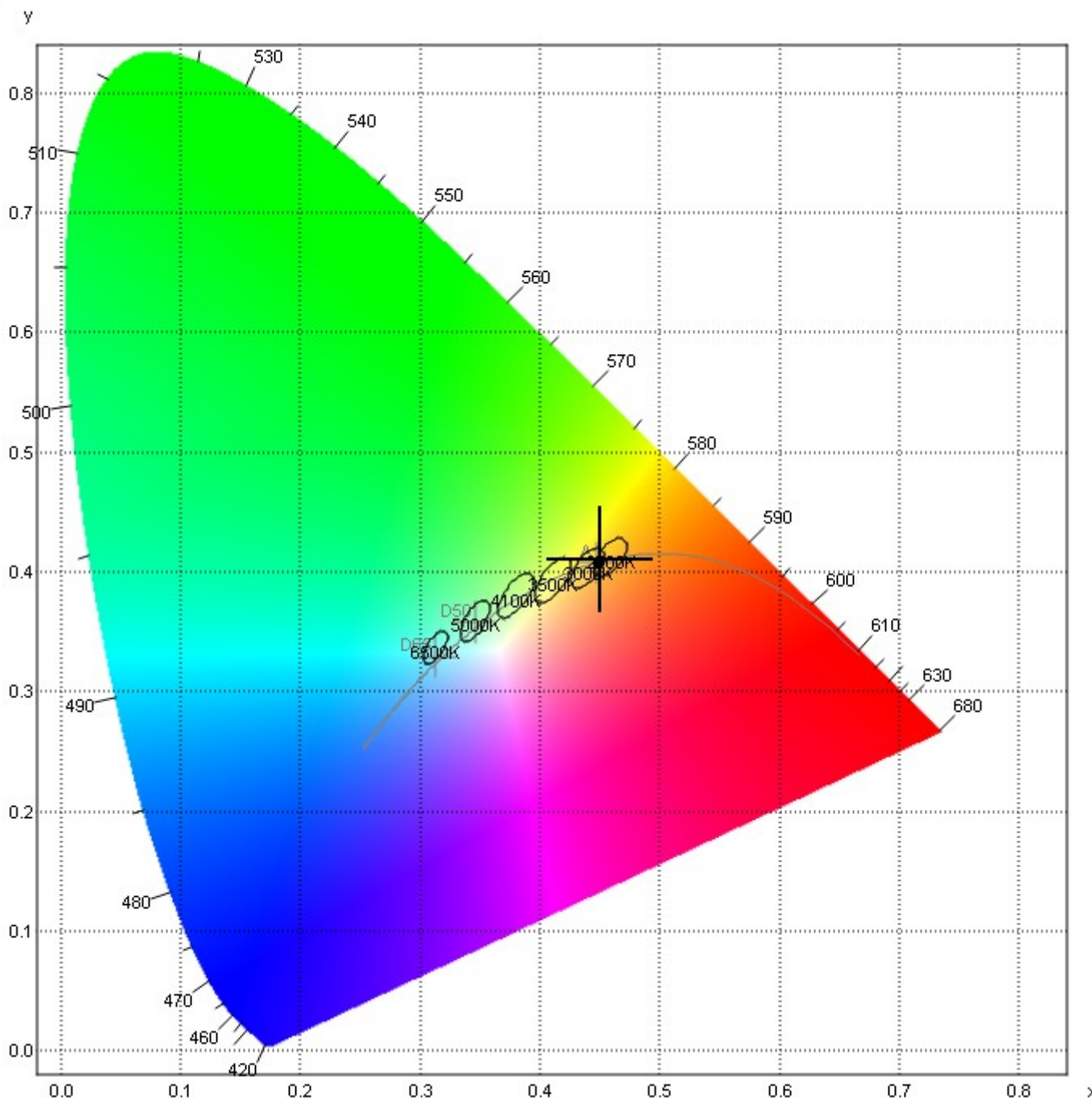
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Beam cone

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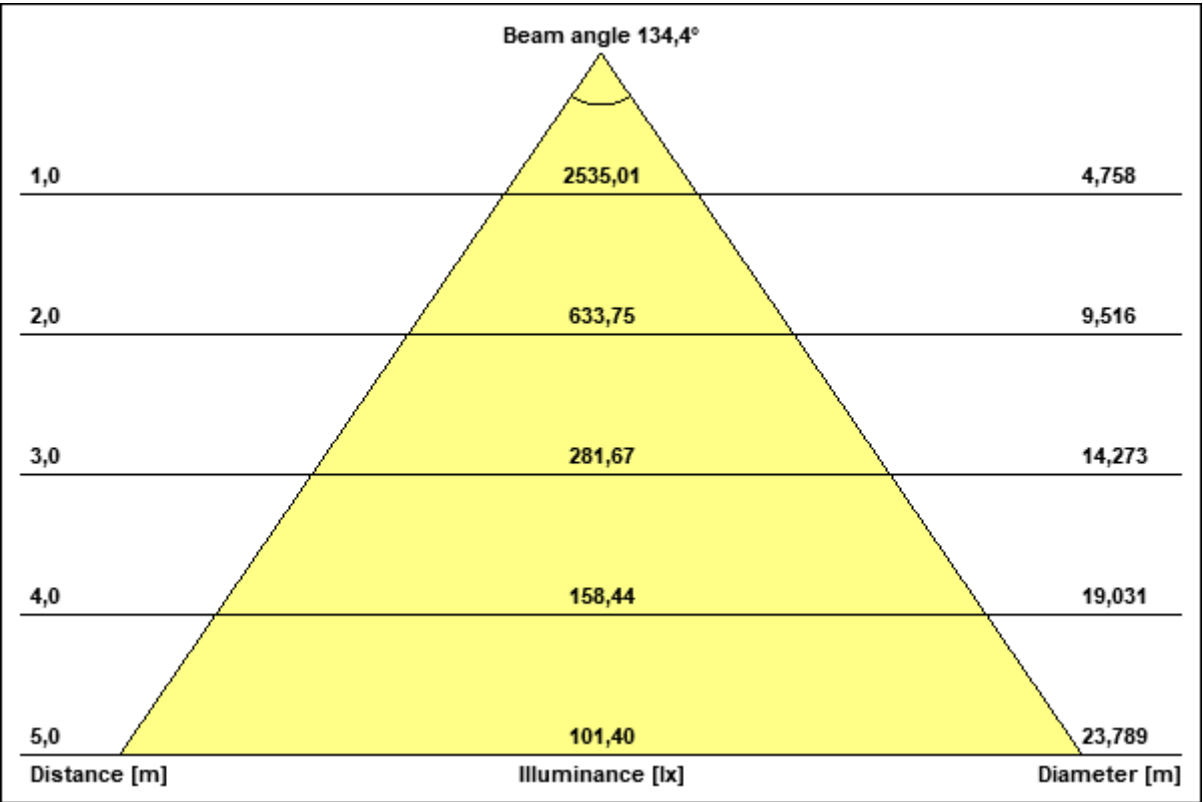
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Stabilization

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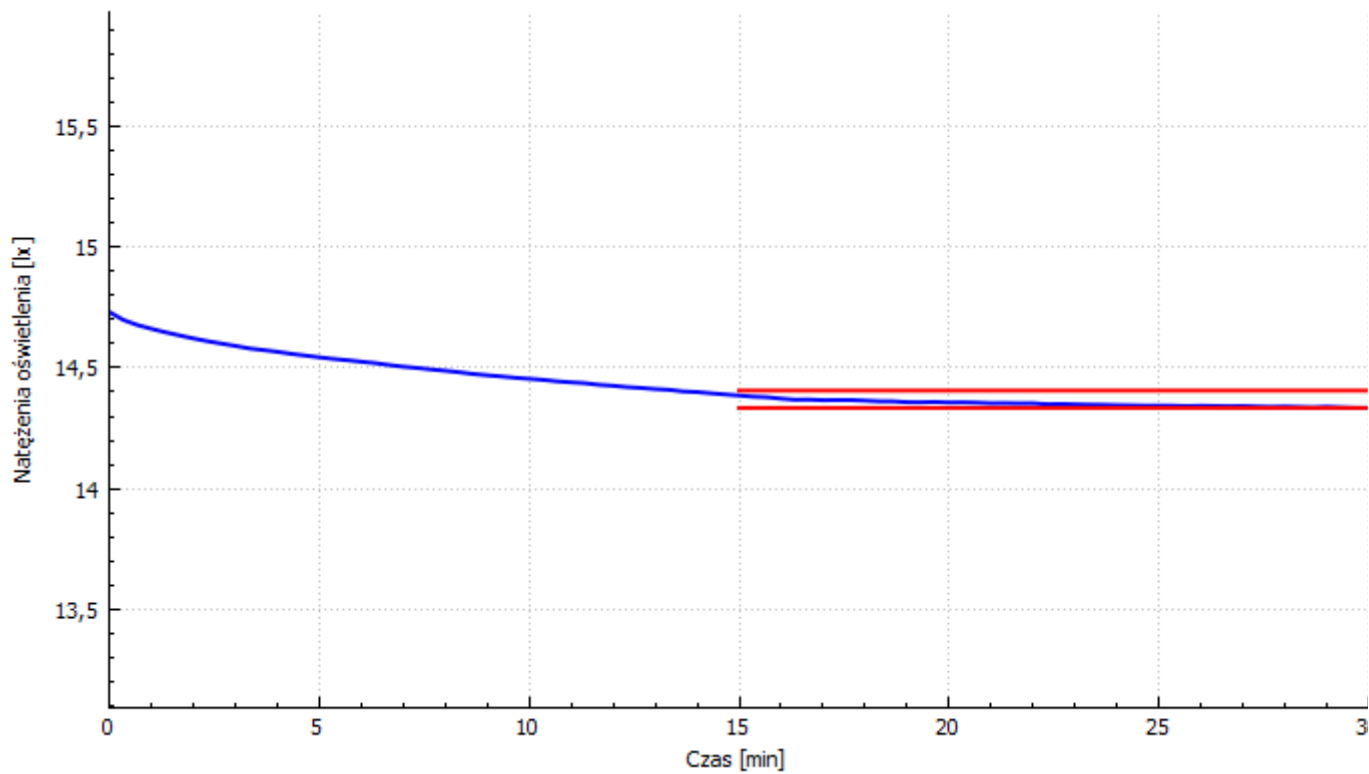
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3D Chart

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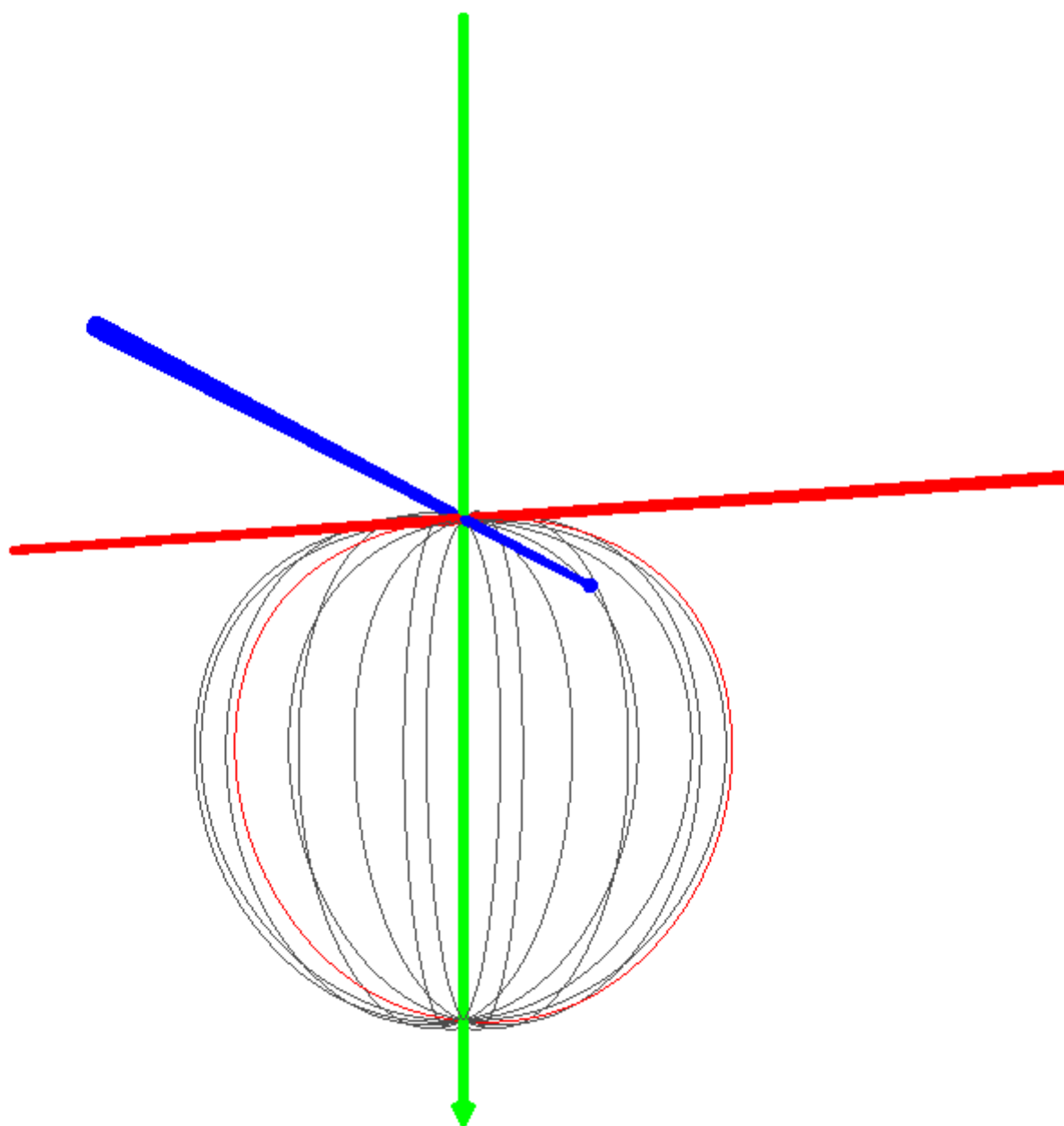
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

Extended
electrical
report

U(%f)			I(%f)	P(%f)
0	0	0,356	0	
1	100,000	100,000	100,000	
2	0,00596	0,0564	7,14e-08	
3	0,031	7,263	0,00222	
4	0,00324	0,0495	6,93e-07	
5	0,0144	1,849	0,000258	
6	0,00191	0	5,02e-08	
7	0,00649	0,903	6,72e-05	
8	0,00123	0	-6,3e-08	
9	0,00431	0,766	3,06e-05	
10	0,0011	0,0544	0	
11	0,0114	1,329	0,000113	
12	0	0,0401	0	
13	0,0109	1,440	0,000111	
14	0	0	0	
15	0,00913	1,354	7,2e-05	
16	0	0	0	
17	0,00549	0,935	2,22e-05	
18	0	0	0	
19	0,00509	0,718	1,77e-05	
20	0	0	0	
21	0,00474	0,618	5,41e-06	

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22	0	0,0394	0
23	0,0083	0,594	2e-05
24	0	0	0
25	0,00409	0,285	6,36e-07
26	0	0	-1,15e-08
27	0,00269	0,195	-2,4e-07
28	0	0	0
29	0,00119	0	8,45e-07
30	0	0	3,17e-08
31	0,00264	0,154	1,29e-06
32	0	0	0
33	0,0027	0,264	1,3e-06
34	0	0	0
35	0,00206	0,337	2,17e-06
36	0	0,0503	0
37	0,00489	0,367	2,94e-06
38	0	0	0
39	0,00551	0,385	1,05e-06
40	0	0	0
41	0,00687	0,357	6,36e-06
42	0	0	0
43	0,00736	0,465	9,95e-06
44	0,000832	0	0
45	0,00506	0,272	-4,75e-07
46	0	0,041	0
47	0,00569	0,252	1,54e-07
48	0	0	1,88e-07
49	0,0029	0,135	-1,76e-06
50	0,00143	0	4,67e-08

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