

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Skye Pendant*

Item No: *AZ4521*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ4521*

LuminaireName: *Skye Pendant*

LuminaireNumber: *AZ4521*

FileName: *AZ4521.Idt*

Date: *2024-09-16*

Dimensions of luminaire

Length: *110 mm*

Width: *0 mm*

Height: *1000 mm*

Dimensions of luminous area

Length: *65 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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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

Type of lamps: *LED*
Total luminous flux: *1150,79 lm*
Color temperatur: *3018 K*
Color rendering index: *82,93*
Wattage including ballast: *13,02 W*

Utilization factors:

k = 0.60	<i>0,612</i>
k = 0.80	<i>0,669</i>
k = 1.00	<i>0,726</i>
k = 1.25	<i>0,772</i>
k = 1.50	<i>0,807</i>
k = 2.00	<i>0,867</i>
k = 2.50	<i>0,885</i>
k = 3.00	<i>0,904</i>
k = 4.00	<i>0,931</i>
k = 5.00	<i>0,948</i>

Electrical parameters

<i>U</i>	<i>= 229,680 V</i>
<i>I</i>	<i>= 0,108 A</i>
<i>P</i>	<i>= 13,019 W</i>
<i>Power factor</i>	<i>= 0,524</i>

<i>Power apparent</i>	<i>= 24,836 VA</i>
<i>Power Reactive</i>	<i>= -11,751 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 155,624 %</i>

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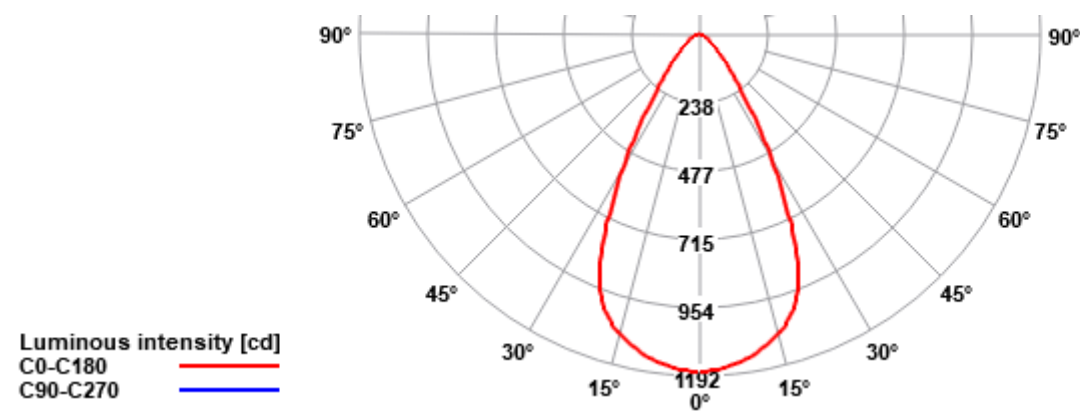
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1150,79 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1180,15 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	88,39 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4359
y	0,4041
Angular Colour Uniformity	0,0028

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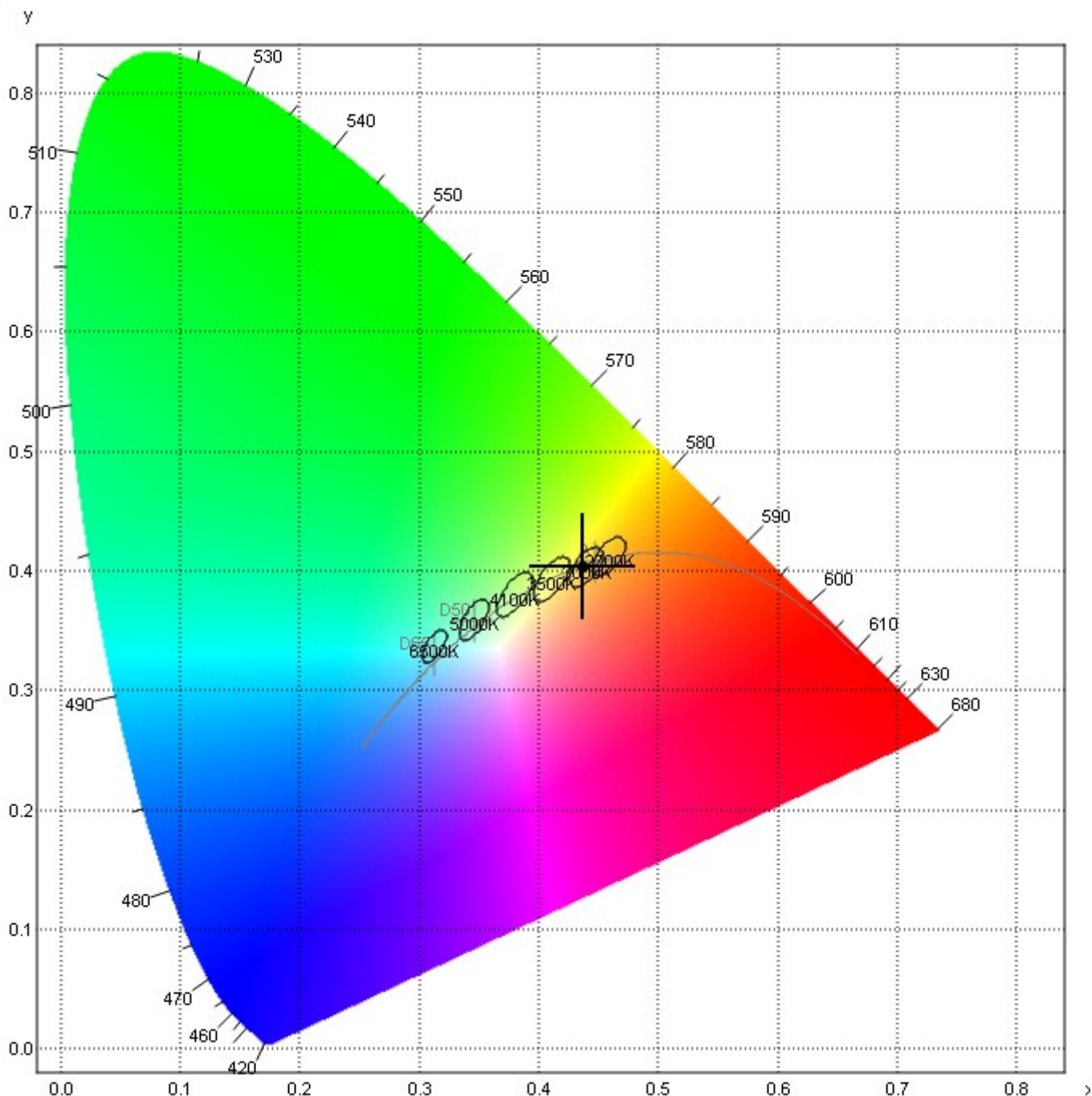
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Beam cone

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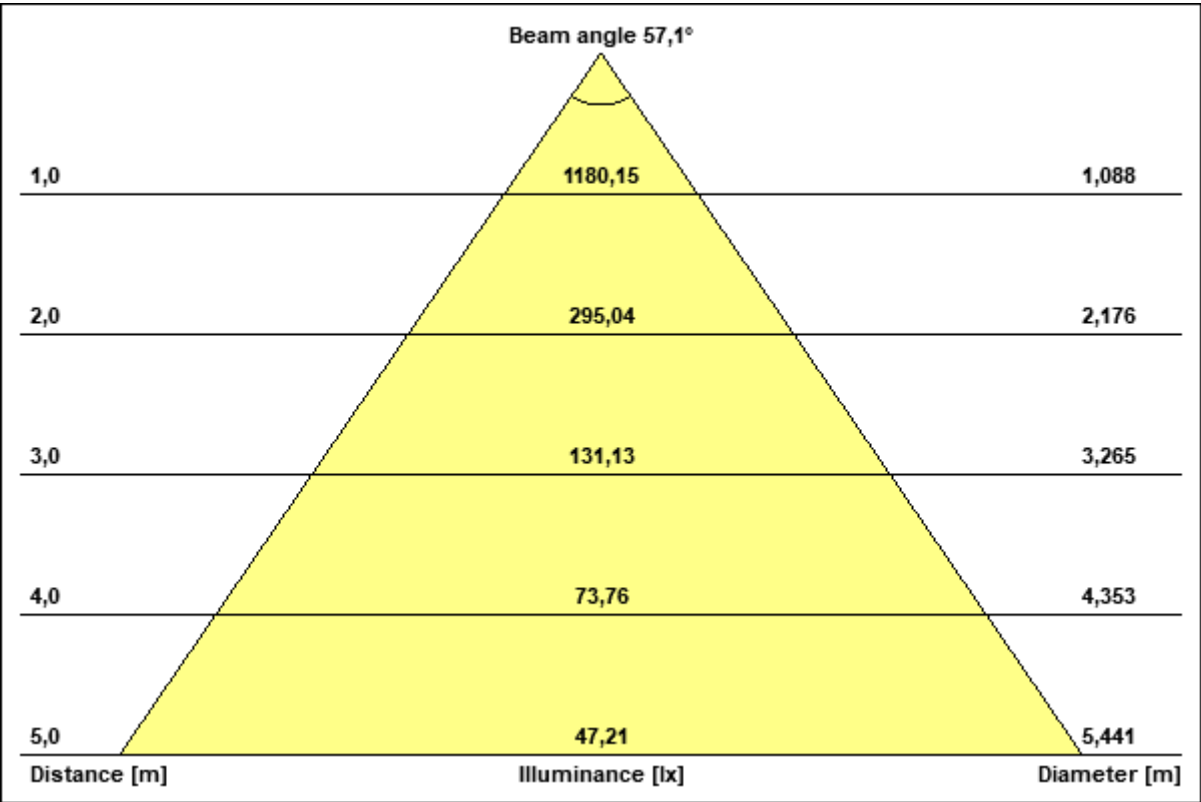
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Stabilization

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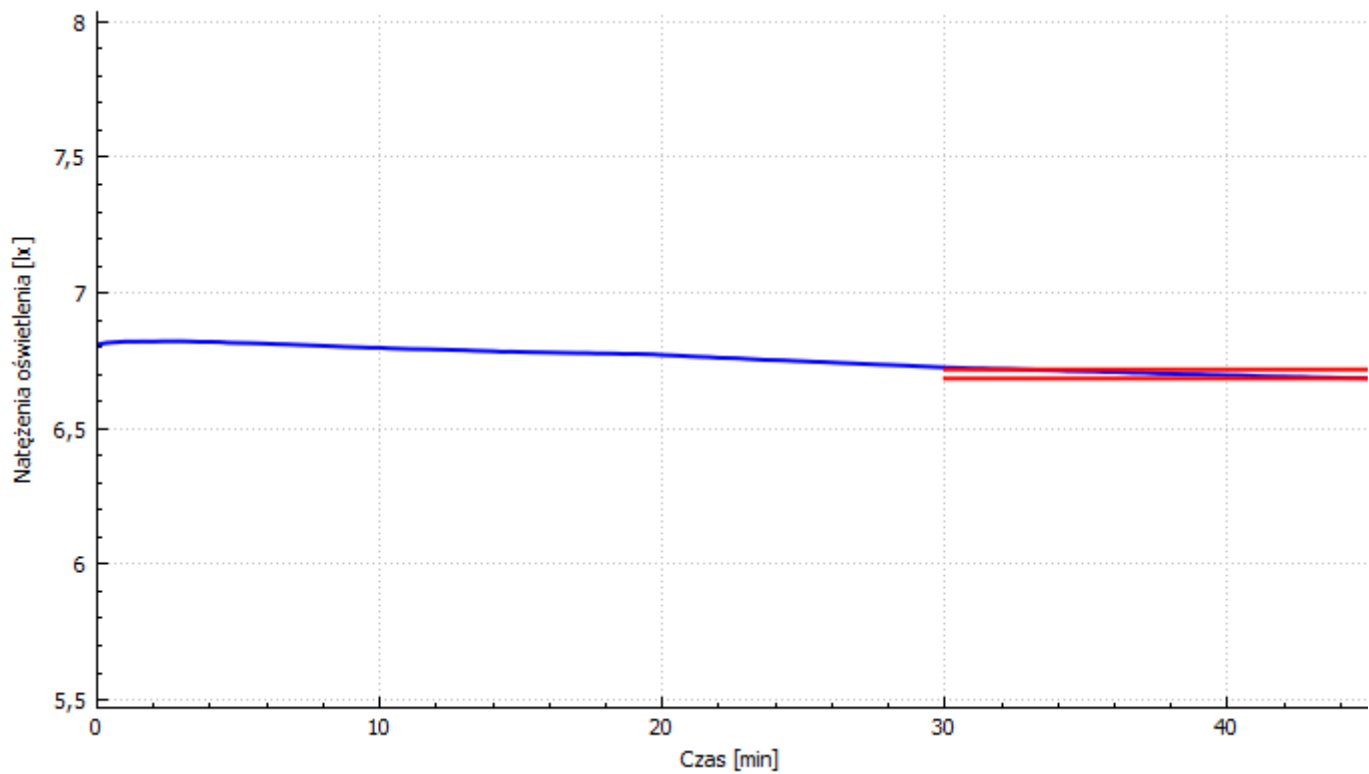
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3D Chart

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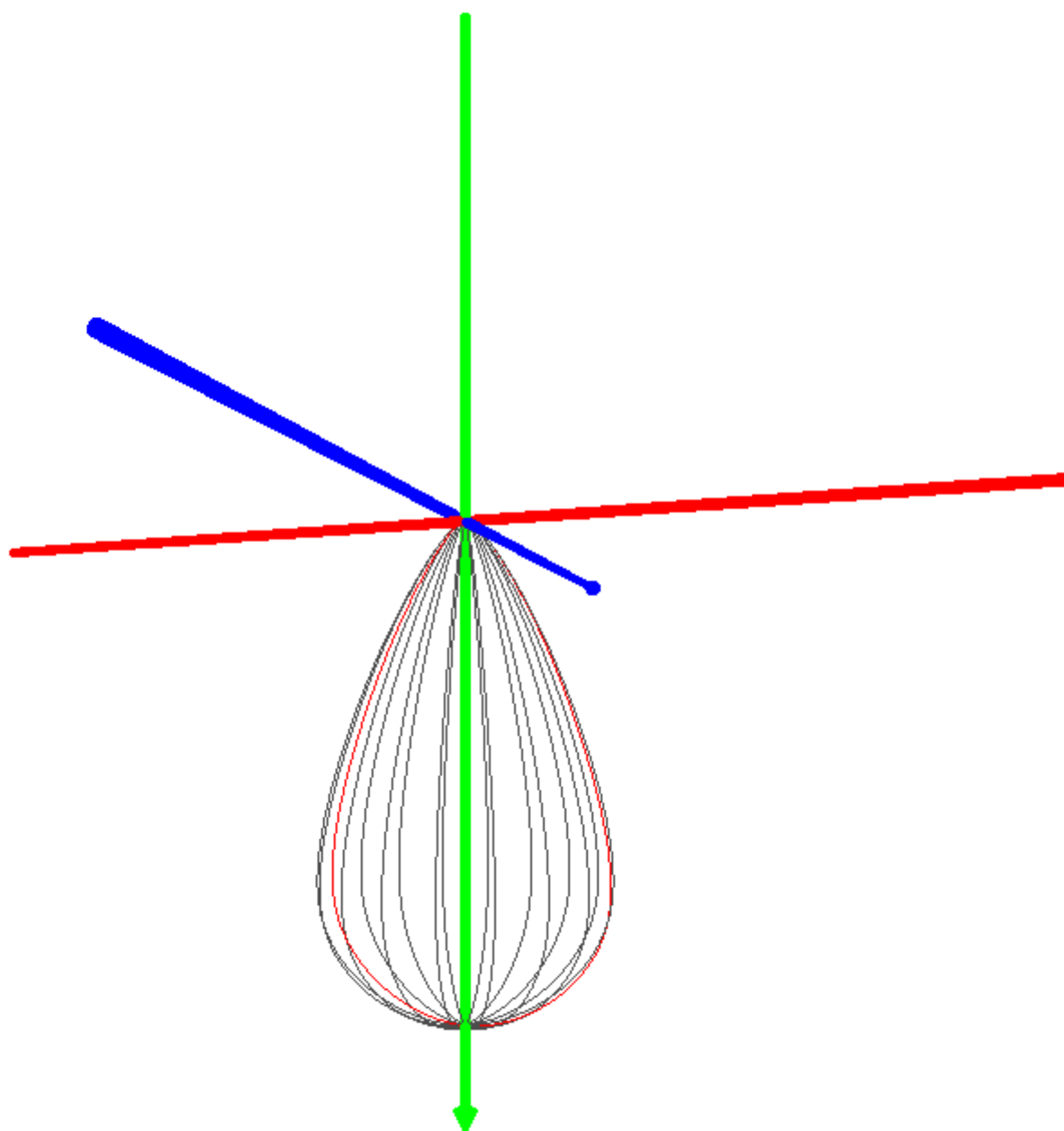
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Extended
electrical
report**

U(%f)			I(%f)	P(%f)
Ext end ed elec tric al rep ort				
0	0,0278	0	-2,44e-05	
1	100,000	100,000	100,000	
2	0,0042	0	0	
3	0,0425	92,966	0,039	
4	0,00264	0	0	
5	0,0399	80,514	0,0304	
6	0	0	0	
7	0,0319	64,355	0,0191	
8	0	0	0	
9	0,0256	47,039	0,00951	
10	0	0	0	
11	0,0146	31,439	0,00306	
12	0,000973	0	0	
13	0,0154	20,579	0,00197	
14	0	0	0	
15	0,0117	16,379	0,00115	
16	0,000845	0,0765	0	
17	0,0131	16,024	0,0014	
18	0	0,0821	0	
19	0,0118	15,261	0,00102	
20	0	0,08	0	
21	0,0123	12,936	0,00064	

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22	0	0	0
23	0,00965	9,861	0,000116
24	0	0	0
25	0,00811	7,540	0,00029
26	0	0	0
27	0,00769	6,887	0,000216
28	0	0	0
29	0,00835	6,968	0,000223
30	0	0	0
31	0,00719	6,590	7,87e-05
32	0	0	0
33	0,00727	5,545	0,000152
34	0	0	0
35	0,00684	4,343	3,56e-05
36	0	0	0
37	0,00546	3,714	5,18e-05
38	0	0	0
39	0,00566	3,743	6,7e-05
40	0	0	0
41	0,00542	3,783	0,000108
42	0	0	0
43	0,00535	3,444	4,96e-05
44	0	0	0
45	0,00376	2,831	1,54e-05
46	0	0	0
47	0,00454	2,342	1,83e-05
48	0	0	0
49	0,00482	2,267	4,68e-05
50	0	0	0

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