

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Amanda Pendant 60 CCT Switch Dimm*
Item No: *AZ5771*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ5771_6000*
LuminaireName: *Amanda Pendant 60 CCT Switch Dimm*
LuminaireNumber: *AZ5771*
FileName: *AZ5771_6000.ldt*
Date: *2024-10-23*

Dimensions of luminaire

Length: *600 mm*
Width: *0 mm*
Height: *1500 mm*

Dimensions of luminous area

Length: *590 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: *2812,46 lm*
Color temperatur: *3916 K*
Color rendering index: *81,58*
Wattage including ballast: *58,25 W*

Utilization factors:

k = 0.60	<i>0,222</i>
k = 0.80	<i>0,292</i>
k = 1.00	<i>0,357</i>
k = 1.25	<i>0,423</i>
k = 1.50	<i>0,477</i>
k = 2.00	<i>0,563</i>
k = 2.50	<i>0,616</i>
k = 3.00	<i>0,659</i>
k = 4.00	<i>0,720</i>
k = 5.00	<i>0,761</i>

Electrical parameters

<i>U</i>	<i>= 229,646 V</i>
<i>I</i>	<i>= 0,260 A</i>
<i>P</i>	<i>= 58,250 W</i>
<i>Power factor</i>	<i>= 0,975</i>

<i>Power apparent</i>	<i>= 59,758 VA</i>
<i>Power Reactive</i>	<i>= -13,344 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 14,319 %</i>

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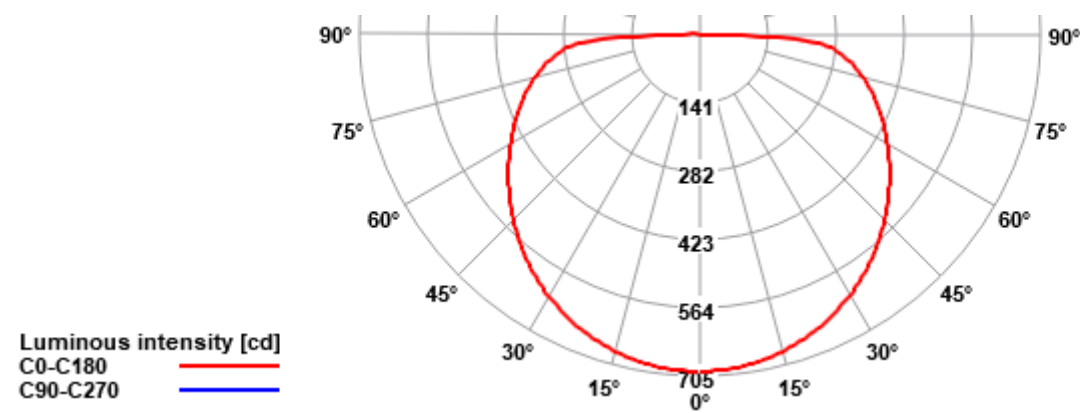
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2812,46 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	698,42 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	48,28 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3845
y	0,3799
Angular Colour Uniformity	0,0099

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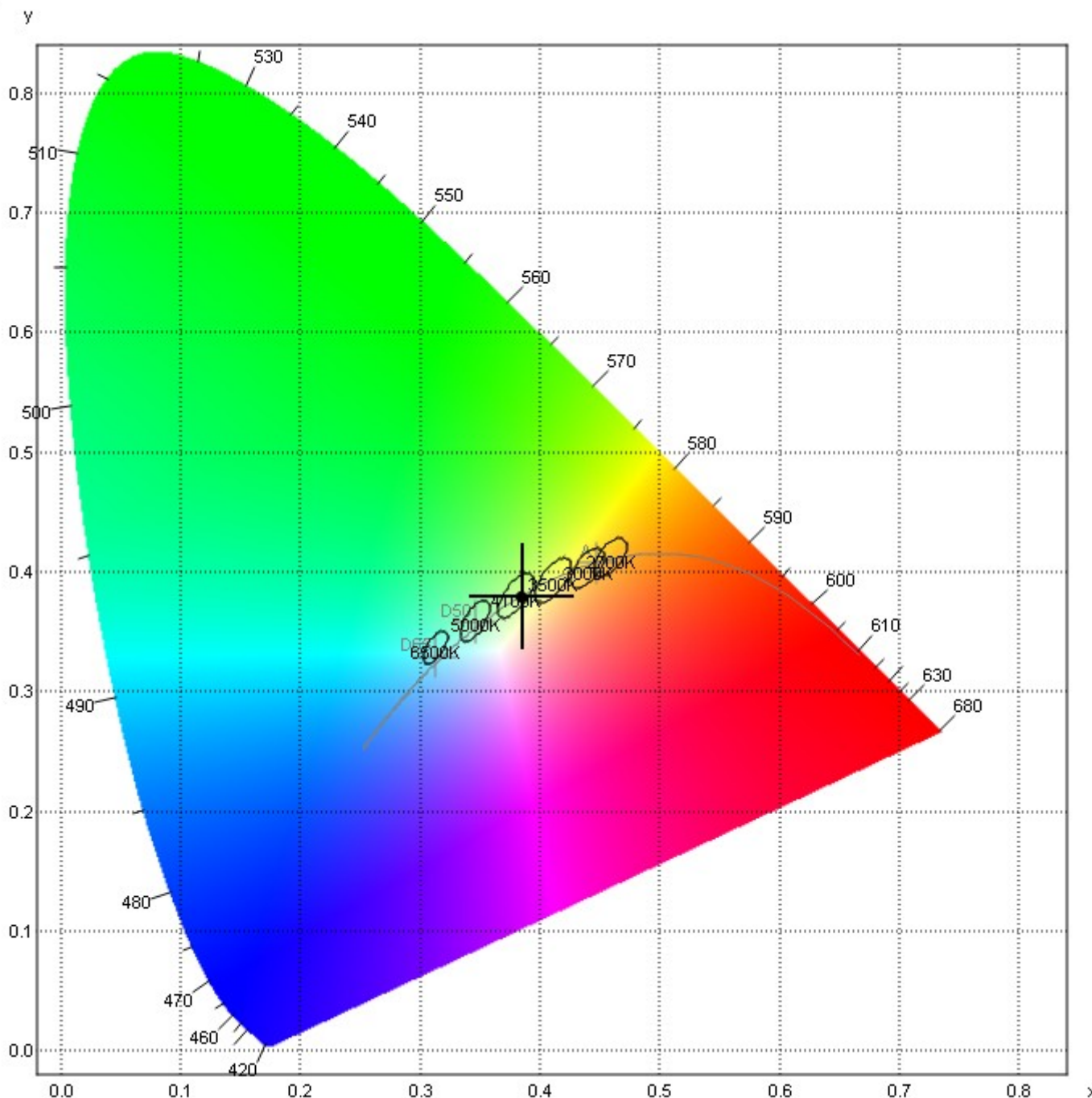
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Beam cone

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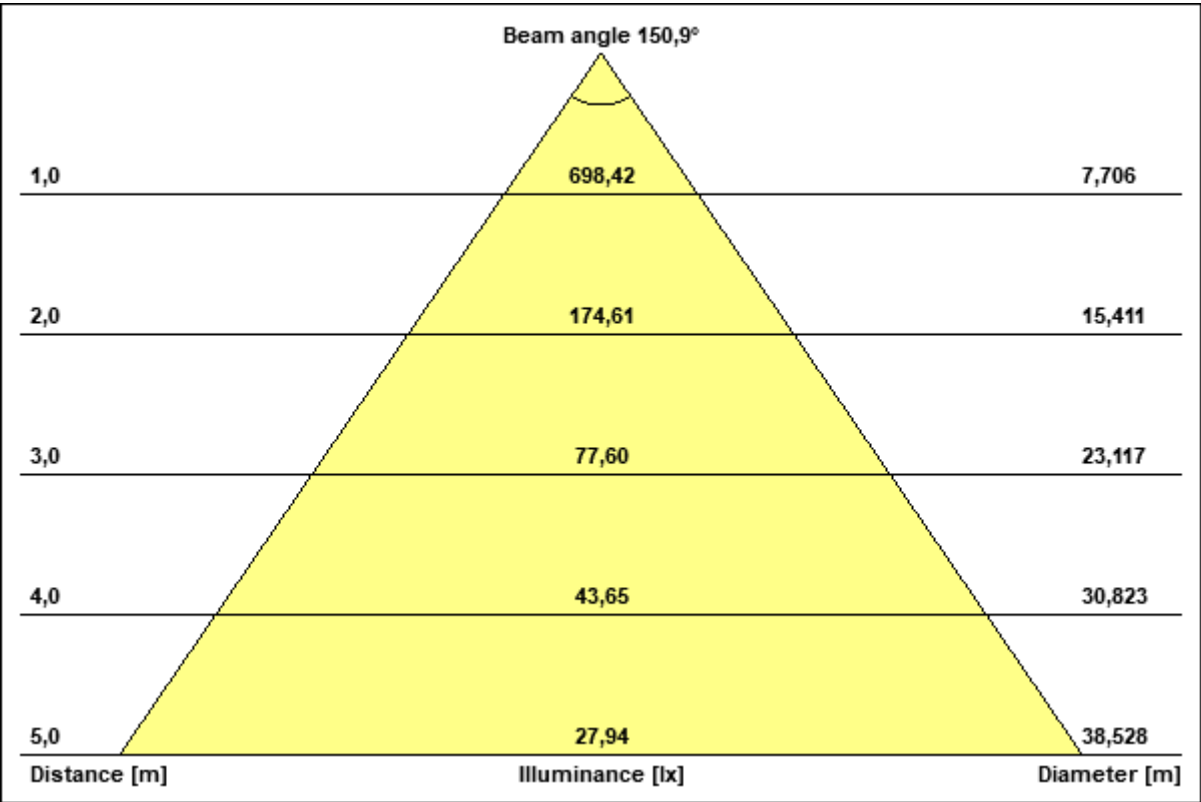
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Stabilization

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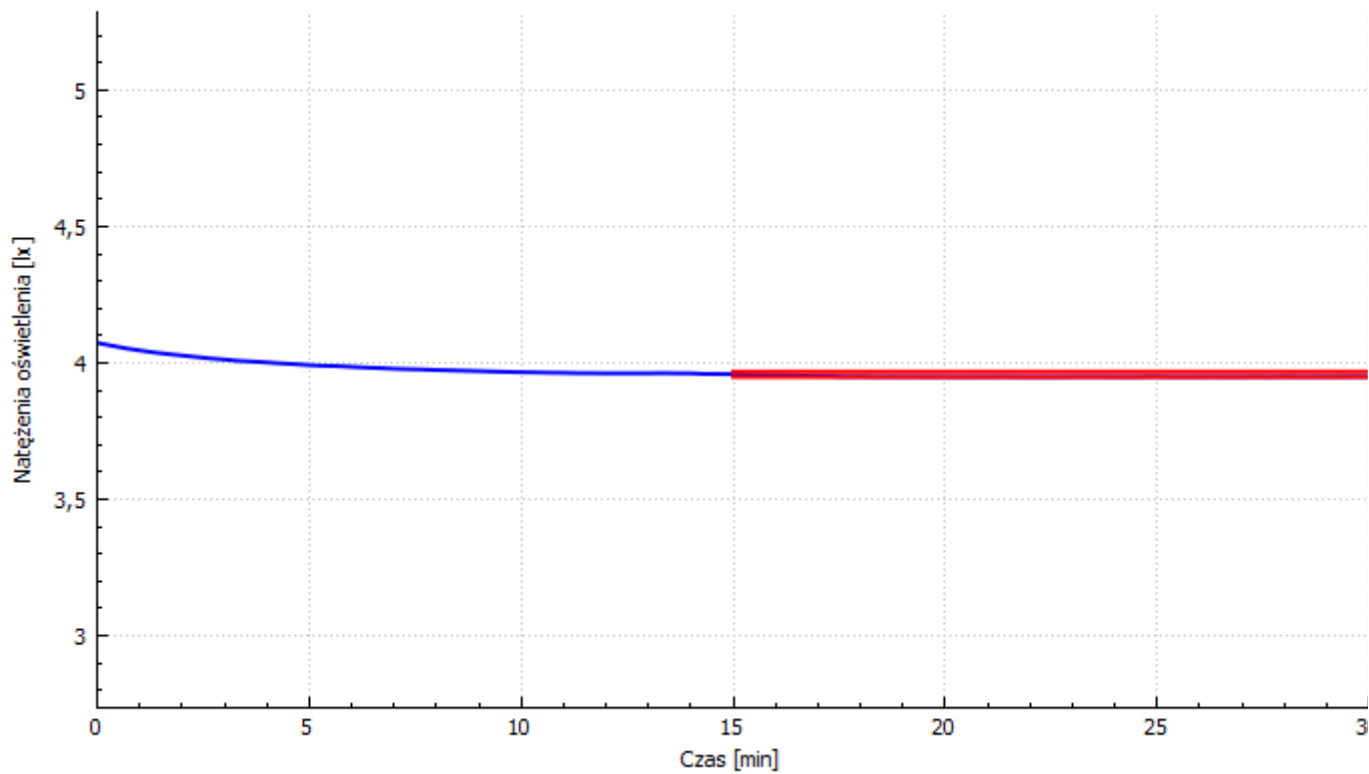
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3D Chart

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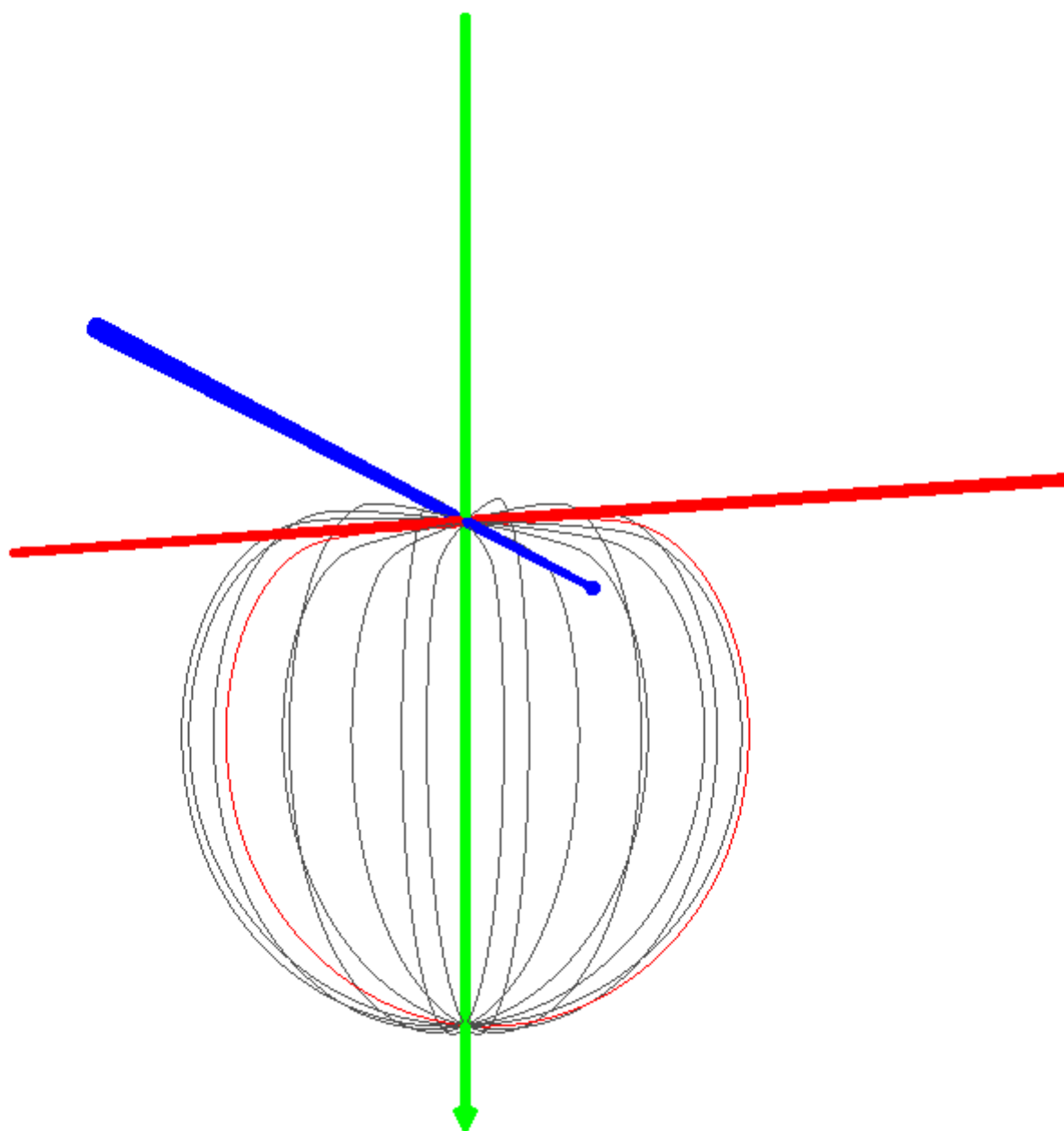
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

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			P(%f)
0	0,0506	1,069	0,000553
1	100,000	100,000	100,000
2	0,0041	0	0
3	0,0361	12,623	0,00451
4	0,00231	0	0
5	0,0064	4,723	0,00031
6	0,000906	0	0
7	0,00652	3,507	0,000215
8	0	0	0
9	0,00472	1,575	4,69e-05
10	0	0	0
11	0,00644	1,176	1,05e-05
12	0	0	0
13	0,00333	0,901	-2,05e-06
14	0	0	0
15	0,00239	0,436	6,78e-06
16	0	0	0
17	0,00142	0,469	0
18	0	0	0
19	0,00235	0,909	1,27e-05
20	0	0	0
21	0,00225	0,883	1,86e-06

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22	0,00094	0	0
23	0,00418	0,349	1,16e-05
24	0	0	0
25	0,00239	0,400	6,54e-06
26	0	0	0
27	0,00235	0,399	3,25e-06
28	0	0	0
29	0,00286	0,389	8,44e-06
30	0	0	0
31	0,00263	0,513	1,04e-05
32	0	0	0
33	0,00122	0,384	3,88e-06
34	0	0	0
35	0,00158	0,216	-4,49e-07
36	0	0	0
37	0,00511	0,649	1,26e-05
38	0	0	0
39	0,005	0,654	1,88e-05
40	0	0	0
41	0,00409	0,306	5,15e-06
42	0	0	0
43	0,00129	0,135	-9,83e-08
44	0,000886	0	0
45	0,00322	0,232	-1,14e-06
46	0	0	0
47	0,00185	0,151	-2,38e-06
48	0	0	0
49	0,00239	0,360	1,03e-06
50	0,000915	0	0

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