

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: *AZ5025-6000K*

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

LuminaireNumber: *AZ5025-6000K*

FileName: *AZ50256000K.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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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

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Type of lamps: *LED*
Total luminous flux: *9651,00 lm*
Color temperatur: *5941 K*
Color rendering index: *81,42*
Wattage including ballast: *122,13 W*

Utilization factors:

k = 0.60	<i>0,248</i>
k = 0.80	<i>0,326</i>
k = 1.00	<i>0,396</i>
k = 1.25	<i>0,467</i>
k = 1.50	<i>0,524</i>
k = 2.00	<i>0,613</i>
k = 2.50	<i>0,667</i>
k = 3.00	<i>0,709</i>
k = 4.00	<i>0,768</i>
k = 5.00	<i>0,806</i>

Electrical parameters

<i>U</i>	<i>= 229,573 V</i>
<i>I</i>	<i>= 0,536 A</i>
<i>P</i>	<i>= 122,129 W</i>
<i>Power factor</i>	<i>= 0,992</i>

<i>Power apparent</i>	<i>= 123,134 VA</i>
<i>Power Reactive</i>	<i>= -15,829 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 8,328 %</i>

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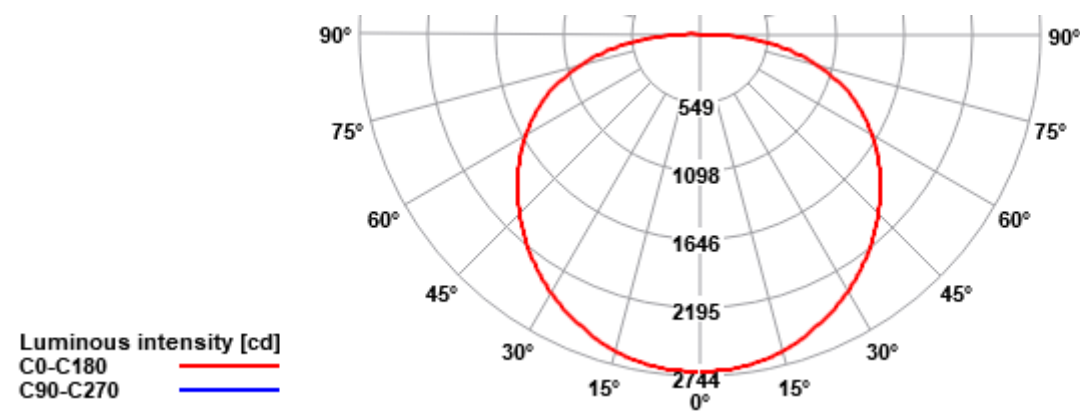
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	9651,00 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	2716,78 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	79,02 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3225
y	0,3463
Angular Colour Uniformity	0,0015

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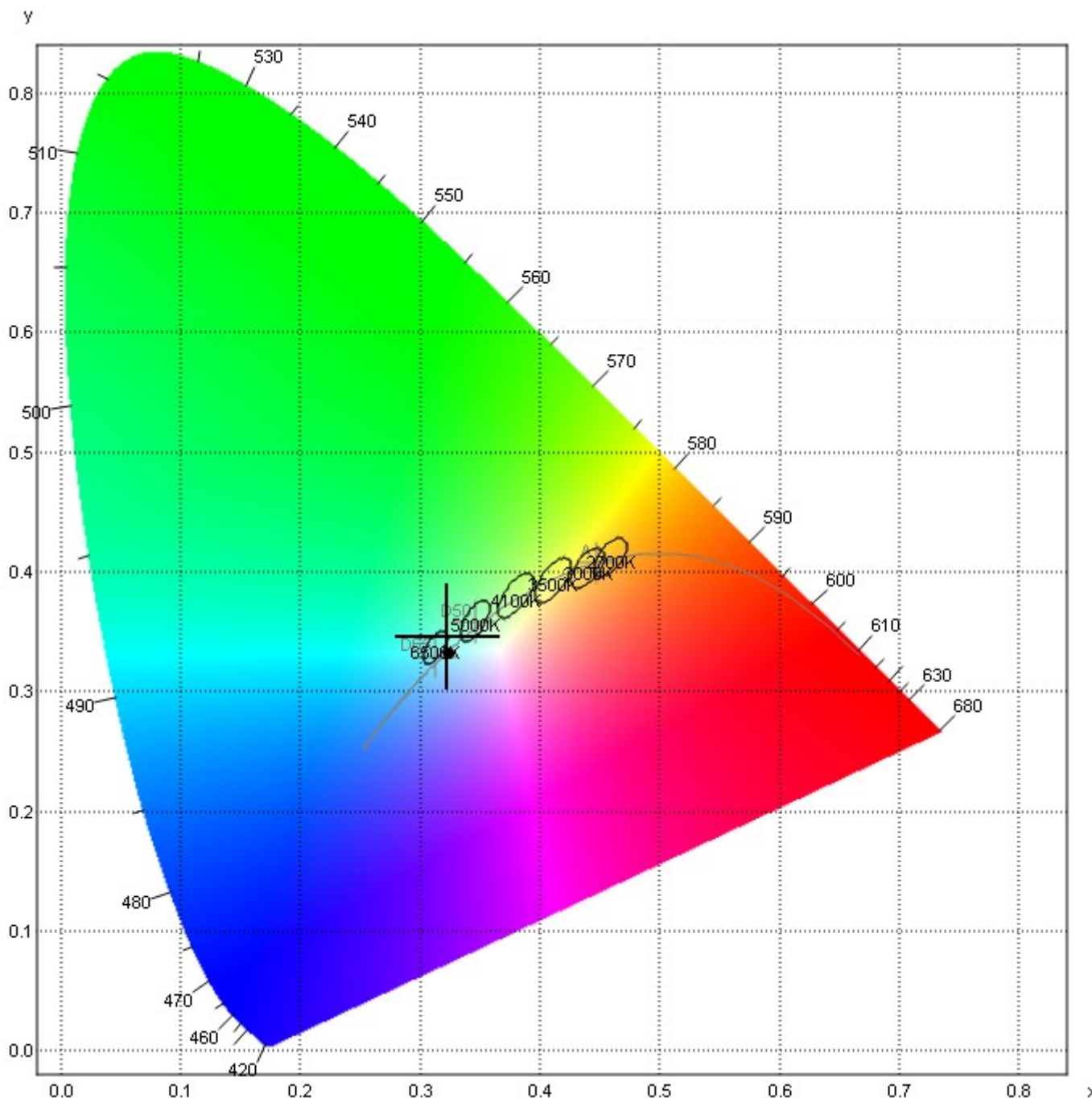
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Beam cone

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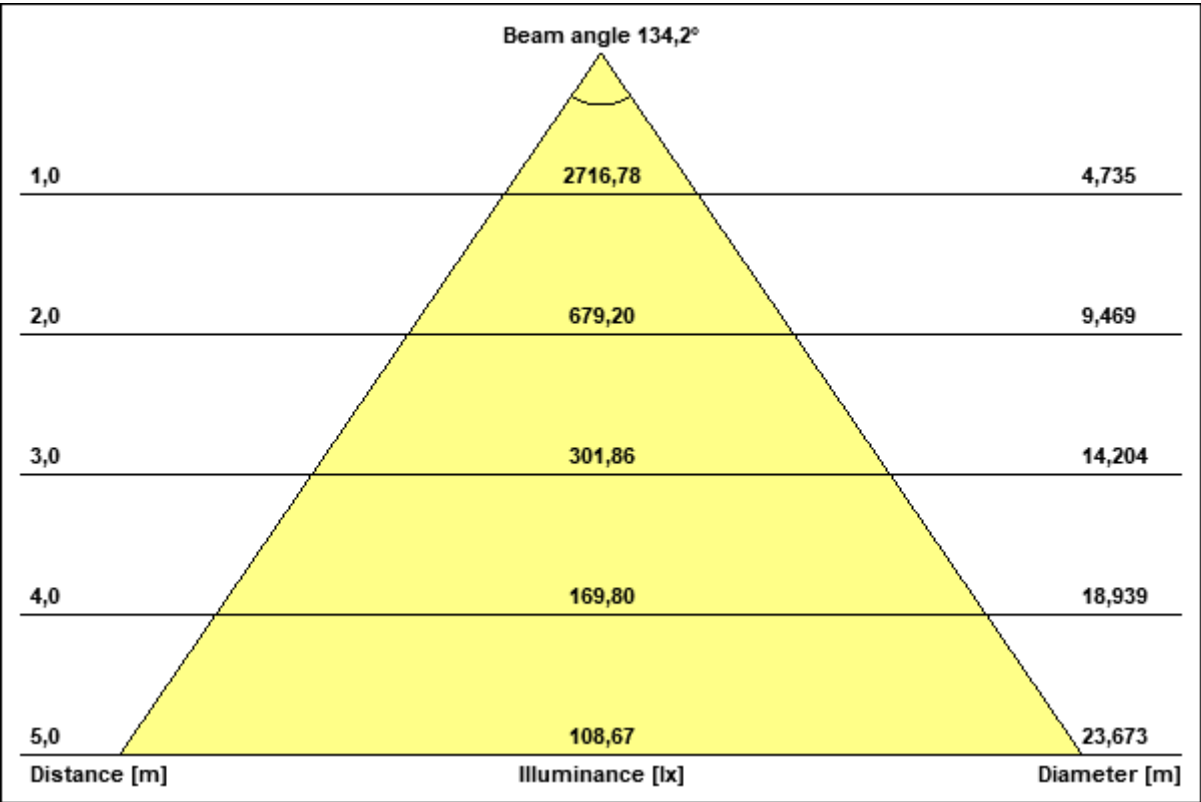
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Stabilization

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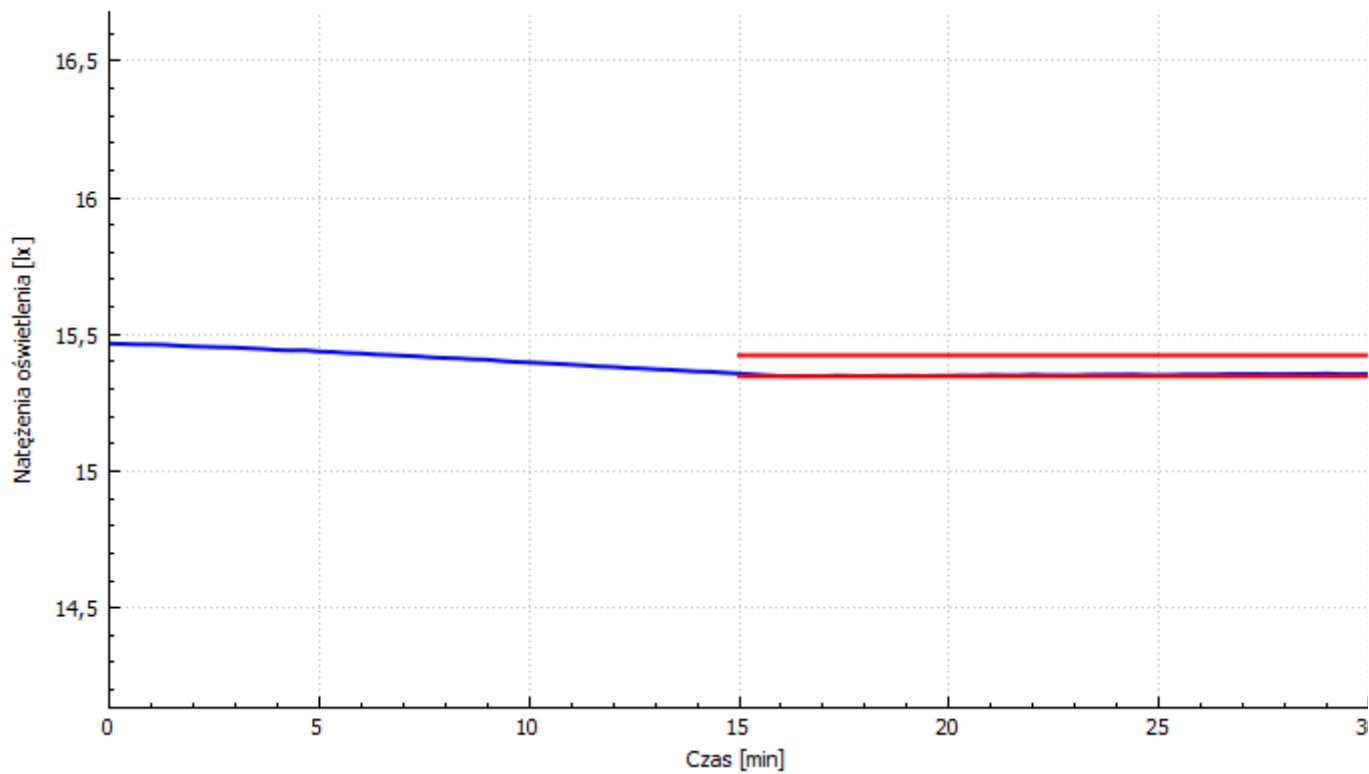
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3D Chart

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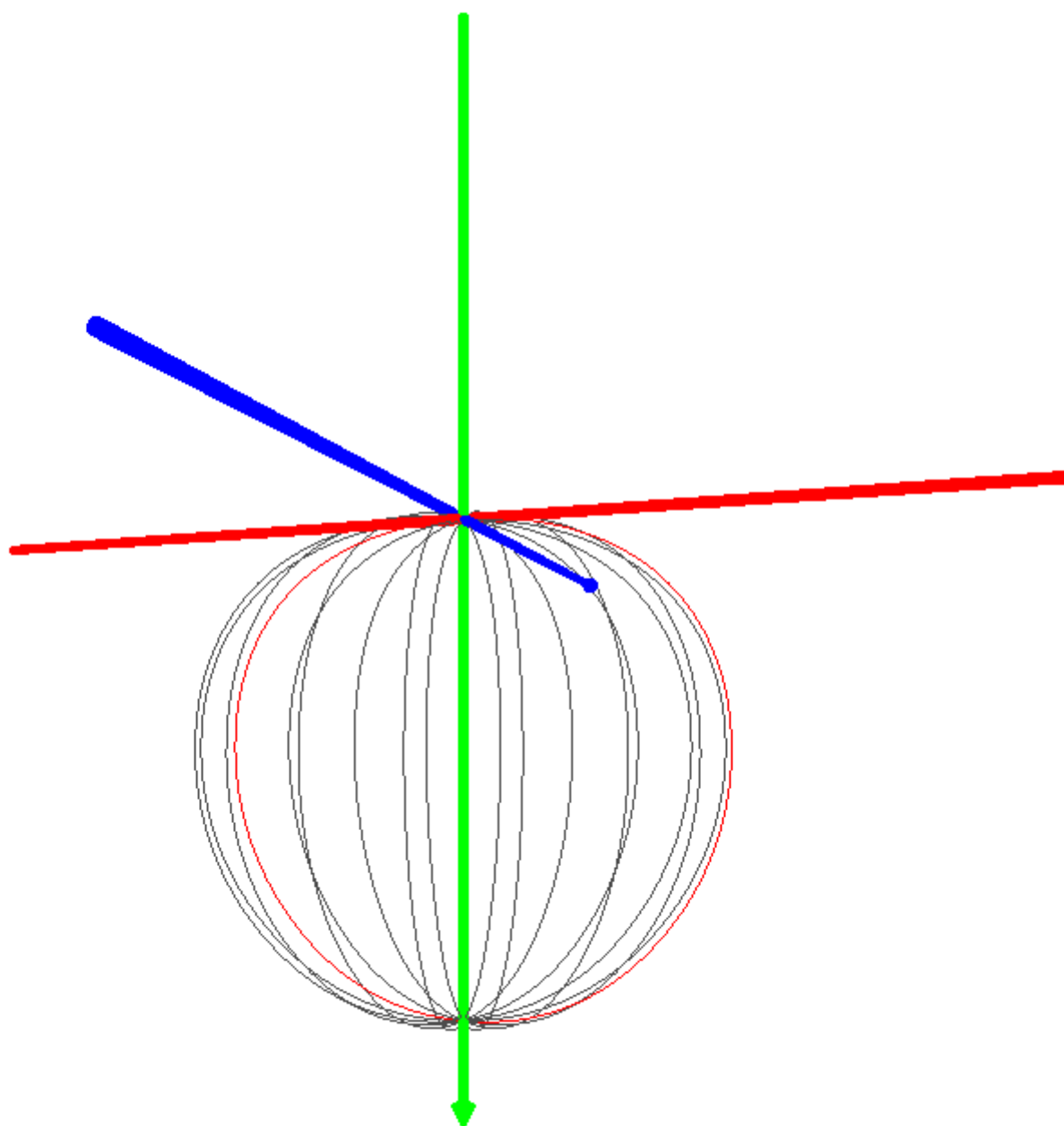
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

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			P(%f)
0	0,00256	0,207	1,18e-05
1	100,000	100,000	100,000
2	0,00528	0	-2,85e-06
3	0,0339	7,420	0,00253
4	0,00203	0,043	0
5	0,0153	1,861	0,00028
6	0,000917	0	0
7	0,00685	0,888	7,48e-05
8	0	0	0
9	0,00363	0,818	2,2e-05
10	0	0	0
11	0,0101	1,408	9,79e-05
12	0	0,0467	0
13	0,0103	1,460	9,34e-05
14	0	0	0
15	0,00866	1,342	4,5e-05
16	0	0	0
17	0,0048	0,891	1,32e-05
18	0	0,0619	0
19	0,00479	0,714	6,23e-06
20	0	0	-3,52e-07
21	0,00372	0,598	-1,03e-06

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23	0,00862	0,554	1,75e-05
24	0,000846	0,0669	0
25	0,00333	0,262	2,59e-08
26	0,000948	0	1,22e-07
27	0,00185	0,0953	2,53e-07
28	0	0	0
29	0,000832	0	7,37e-07
30	0,000935	0,0424	0
31	0,00225	0,198	2,32e-06
32	0,000868	0	0
33	0,00292	0,274	-1,43e-06
34	0	0	0
35	0,00257	0,319	2,96e-06
36	0	0	-3,23e-07
37	0,00481	0,456	-2,79e-06
38	0	0,0441	0
39	0,00506	0,363	-3,16e-06
40	0	0,0417	0
41	0,00697	0,412	-7,82e-09
42	0	0,043	-2,79e-07
43	0,00736	0,414	4,89e-06
44	0	0	0
45	0,00417	0,233	-1,63e-06
46	0,00115	0,0511	0
47	0,00506	0,261	-9,47e-07
48	0,00104	0	0
49	0,00184	0,0986	-1,05e-07
50	0	0,0587	0

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