

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: *AZ5026*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ5026-6000K*

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

LuminaireNumber: *AZ5026-6000K*

FileName: *AZ50266000K.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: *8899,28 lm*
Color temperatur: *5686 K*
Color rendering index: *81,02*
Wattage including ballast: *122,11 W*

Utilization factors:

k = 0.60	<i>0,251</i>
k = 0.80	<i>0,328</i>
k = 1.00	<i>0,398</i>
k = 1.25	<i>0,468</i>
k = 1.50	<i>0,524</i>
k = 2.00	<i>0,612</i>
k = 2.50	<i>0,665</i>
k = 3.00	<i>0,706</i>
k = 4.00	<i>0,764</i>
k = 5.00	<i>0,802</i>

Electrical parameters

<i>U</i>	<i>= 229,542 V</i>
<i>I</i>	<i>= 0,537 A</i>
<i>P</i>	<i>= 122,111 W</i>
<i>Power factor</i>	<i>= 0,991</i>

<i>Power apparent</i>	<i>= 123,274 VA</i>
<i>Power Reactive</i>	<i>= -16,781 var</i>
<i>Frequency Voltage</i>	<i>= 50,003 Hz</i>
<i>THD</i>	<i>= 9,363 %</i>

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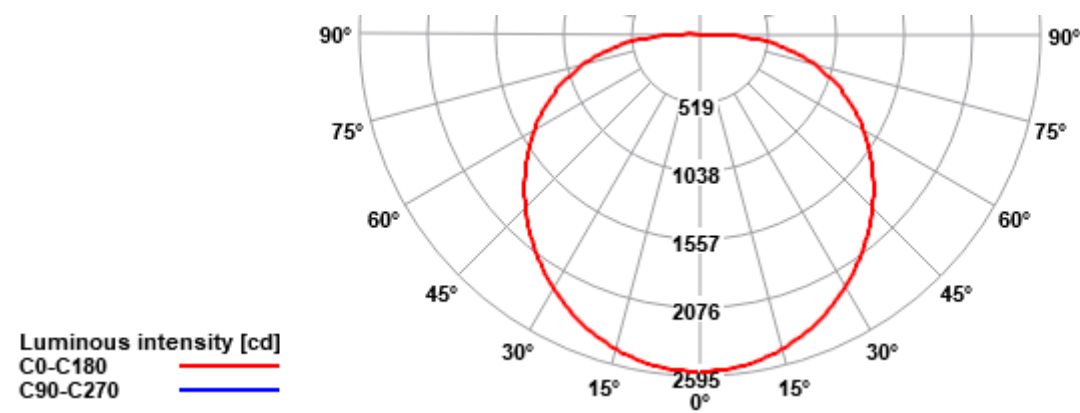
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	8899,28 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	2569,41 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	72,88 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3281
y	0,3510
Angular Colour Uniformity	0,0063

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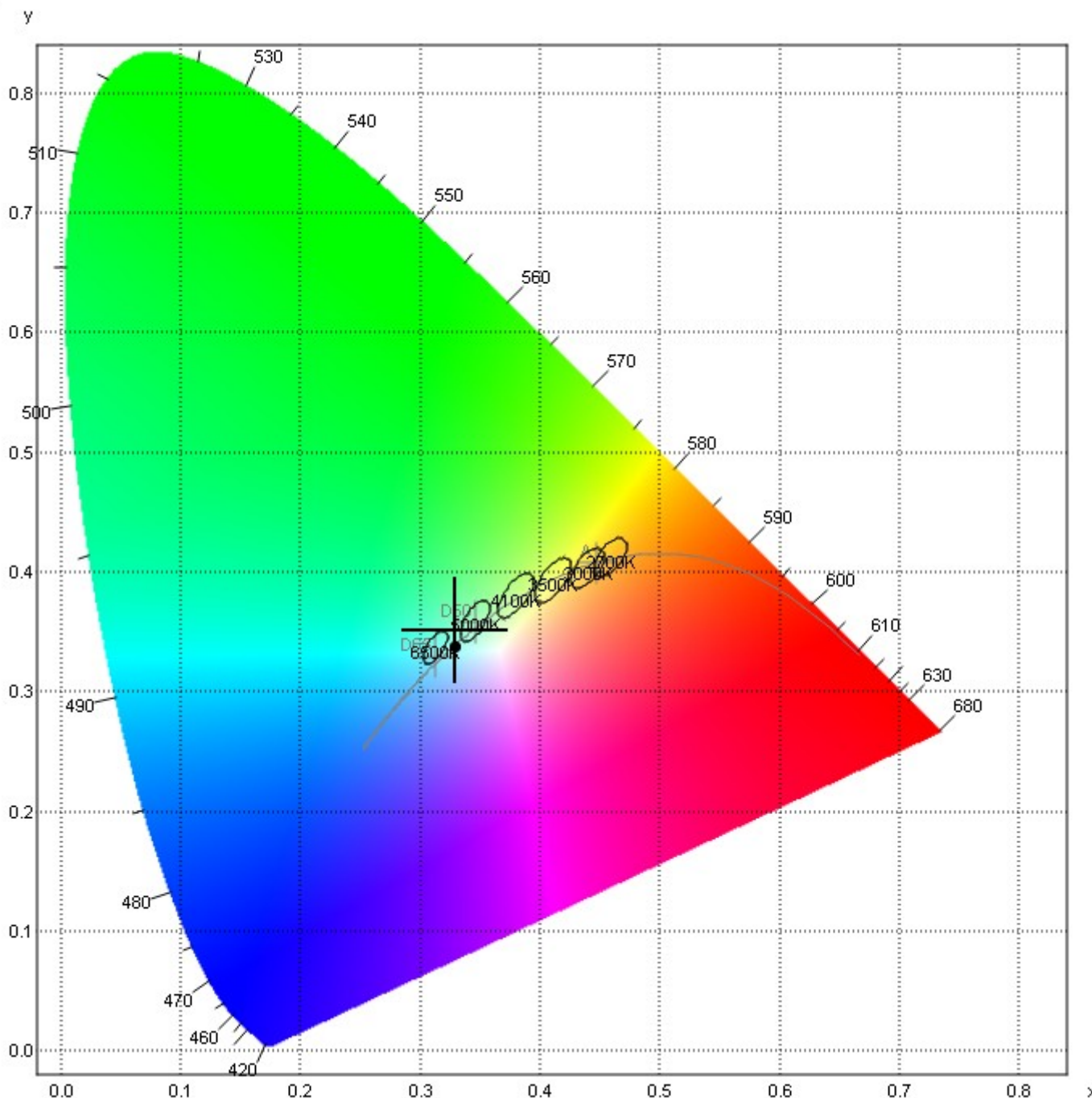
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Beam cone

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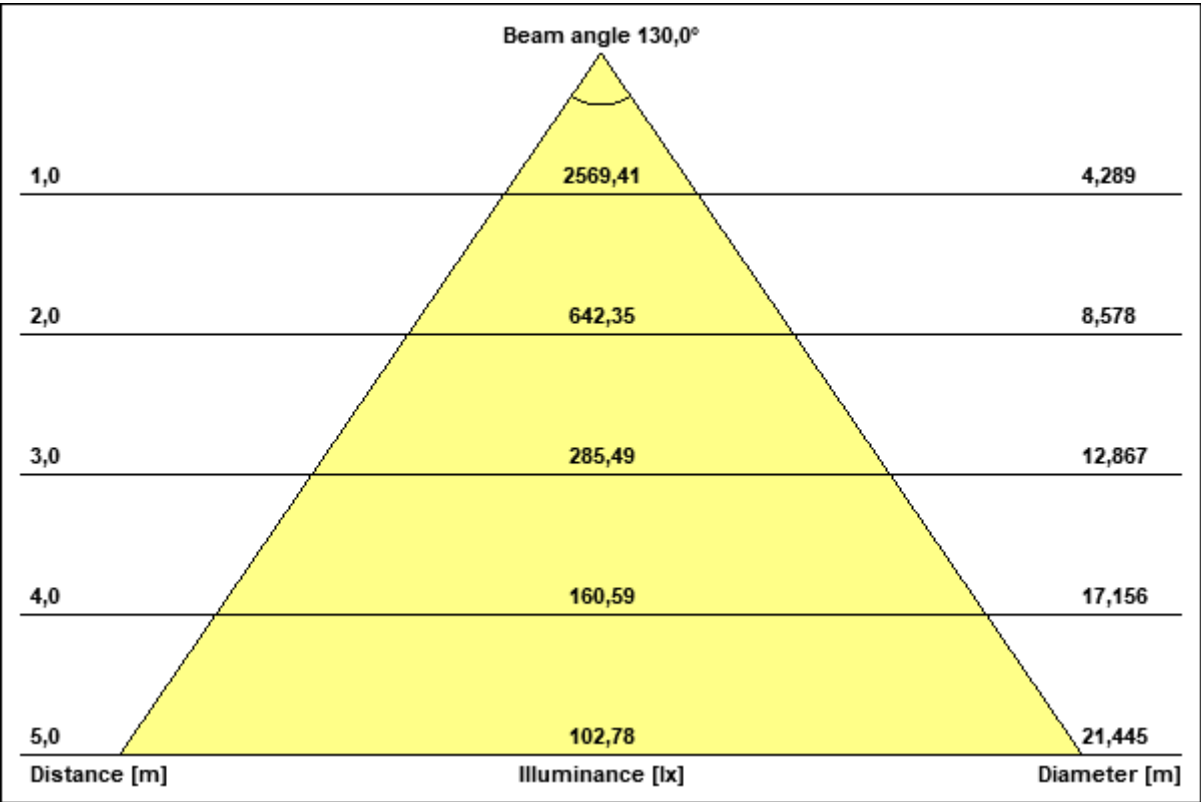
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Stabilization

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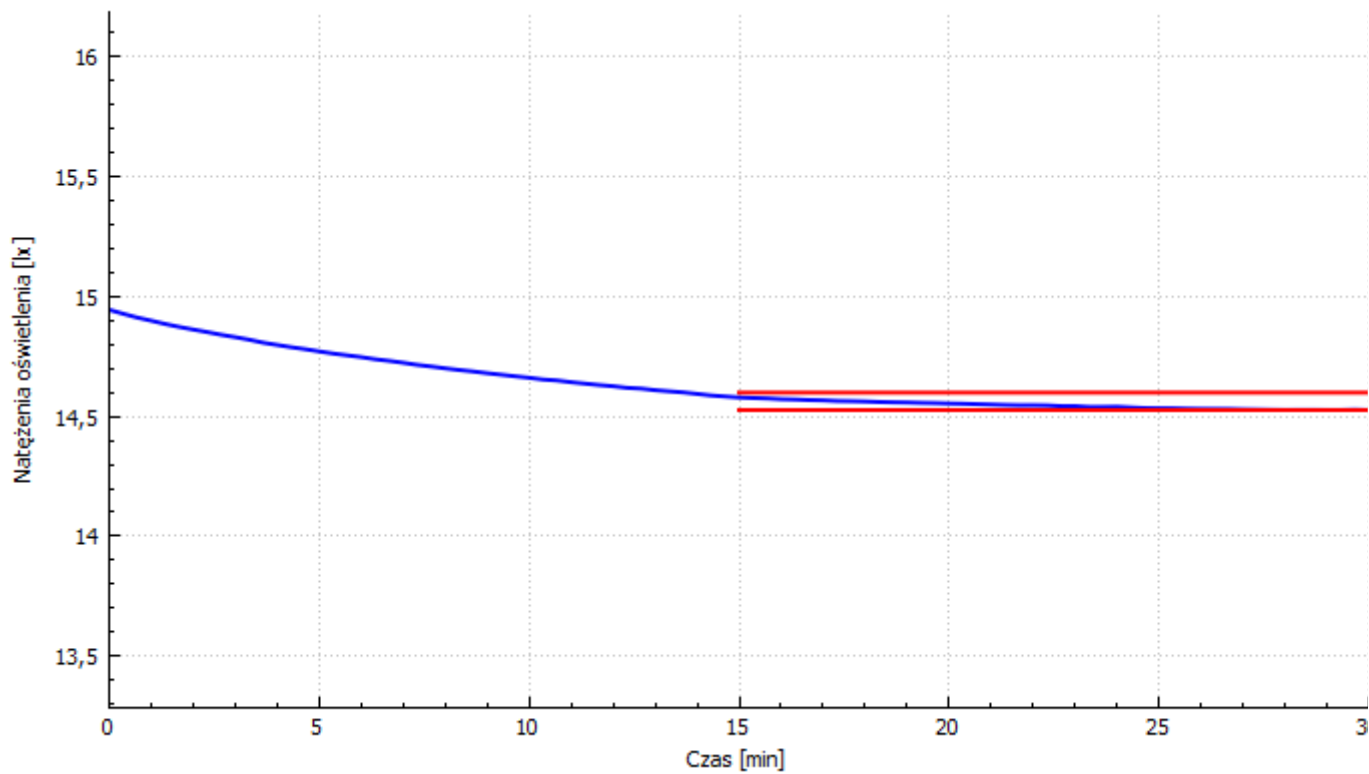
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3D Chart

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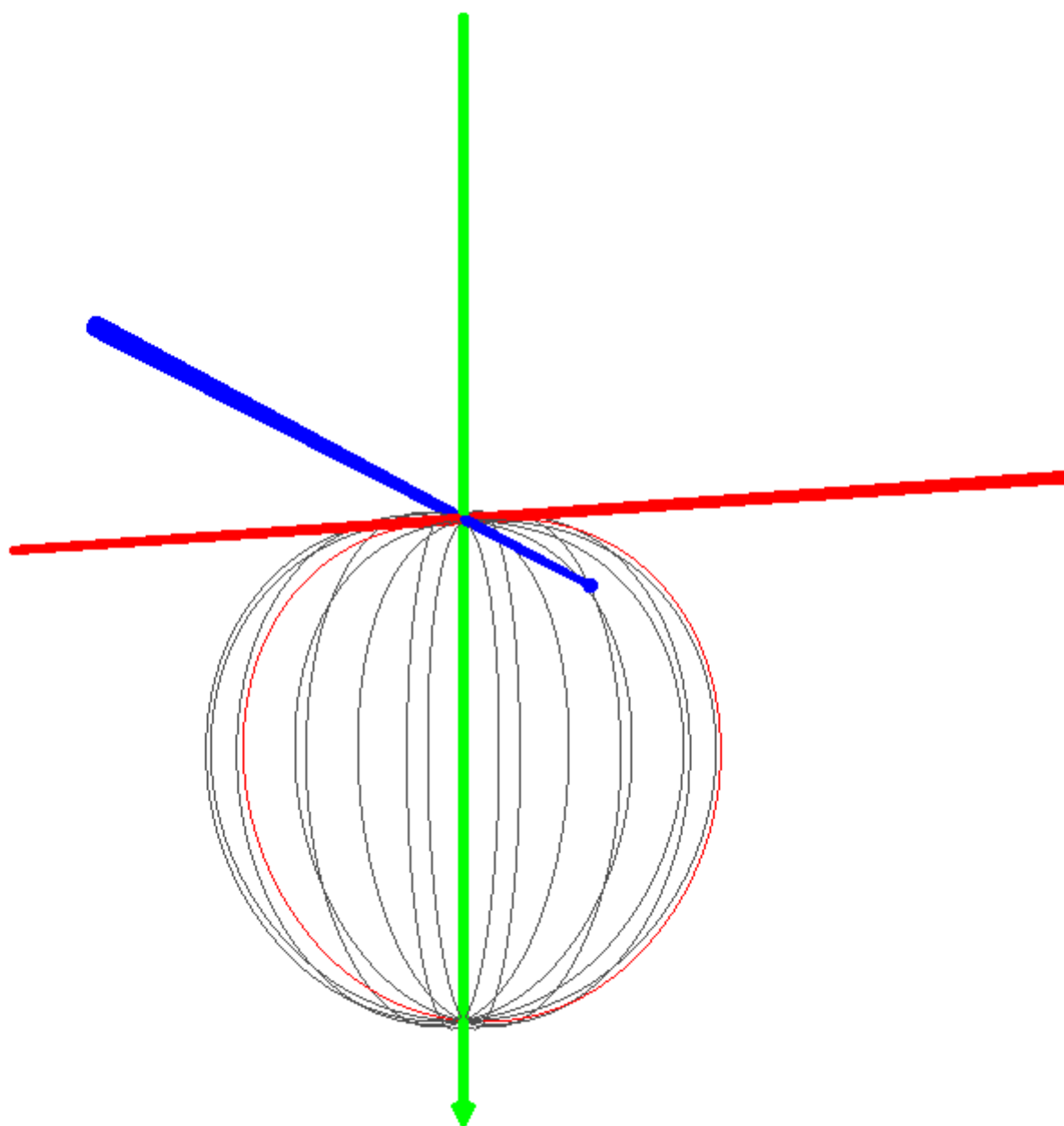
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Legend

- C0-C180

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- C90-C270

- G0-G180

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0	0,00684	0,402	-2,23e-05
1	100,000	100,000	100,000
2	0,00538	0,069	5,37e-06
3	0,04	8,639	0,00327
4	0,00194	0,0555	-7,64e-07
5	0,0118	1,023	0,000127
6	0,00118	0,0475	1,13e-07
7	0,0124	1,655	0,000168
8	0	0,044	0
9	0,0024	0,644	9,66e-06
10	0	0	0
11	0,0056	0,746	2,63e-05
12	0	0,0977	0
13	0,0111	1,676	0,000135
14	0	0,0518	0
15	0,00445	0,828	2,57e-05
16	0,000858	0,0517	0
17	0,00568	1,084	2,59e-05
18	0	0	1,38e-07
19	0,00489	0,700	1,4e-05
20	0,00106	0	0
21	0,00392	0,645	6,49e-06

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23	0,0083	0,645	2,27e-05
24	0,00109	0	0
25	0,00344	0,422	2,92e-06
26	0	0	-1,53e-07
27	0,00319	0,279	2,31e-06
28	0	0,0756	2,28e-07
29	0,00225	0	2,94e-06
30	0	0,0684	1,23e-07
31	0,00249	0,156	1,09e-06
32	0,001	0,0518	-2,18e-07
33	0,00235	0,175	2,34e-06
34	0,000863	0,0475	3,9e-07
35	0,00123	0,251	1,33e-06
36	0,000955	0,0538	-5,11e-07
37	0,00323	0,329	2,99e-07
38	0,000884	0,0934	3,08e-07
39	0,00434	0,431	1,96e-06
40	0,00133	0,112	2,42e-07
41	0,00517	0,277	1,52e-06
42	0,00148	0,0835	0
43	0,00752	0,480	5,4e-06
44	0	0	5,35e-07
45	0,00512	0,329	2,34e-07
46	0,00093	0	-1,08e-07
47	0,00834	0,499	2,13e-06
48	0,0015	0	5,25e-07
49	0,00539	0,331	7,35e-07
50	0	0	-2,44e-07

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