

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: *AZ5026-3000K*

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

LuminaireNumber: *AZ5026-3000K*

FileName: *AZ50263000K.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

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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: *8484,57 lm*
Color temperatur: *2791 K*
Color rendering index: *80,87*
Wattage including ballast: *122,92 W*

Utilization factors:

k = 0.60	<i>0,250</i>
k = 0.80	<i>0,326</i>
k = 1.00	<i>0,396</i>
k = 1.25	<i>0,466</i>
k = 1.50	<i>0,522</i>
k = 2.00	<i>0,610</i>
k = 2.50	<i>0,663</i>
k = 3.00	<i>0,705</i>
k = 4.00	<i>0,763</i>
k = 5.00	<i>0,801</i>

Electrical parameters

<i>U</i>	<i>= 229,550 V</i>
<i>I</i>	<i>= 0,541 A</i>
<i>P</i>	<i>= 122,920 W</i>
<i>Power factor</i>	<i>= 0,991</i>

<i>Power apparent</i>	<i>= 124,063 VA</i>
<i>Power Reactive</i>	<i>= -16,801 var</i>
<i>Frequency Voltage</i>	<i>= 50,001 Hz</i>
<i>THD</i>	<i>= 9,355 %</i>

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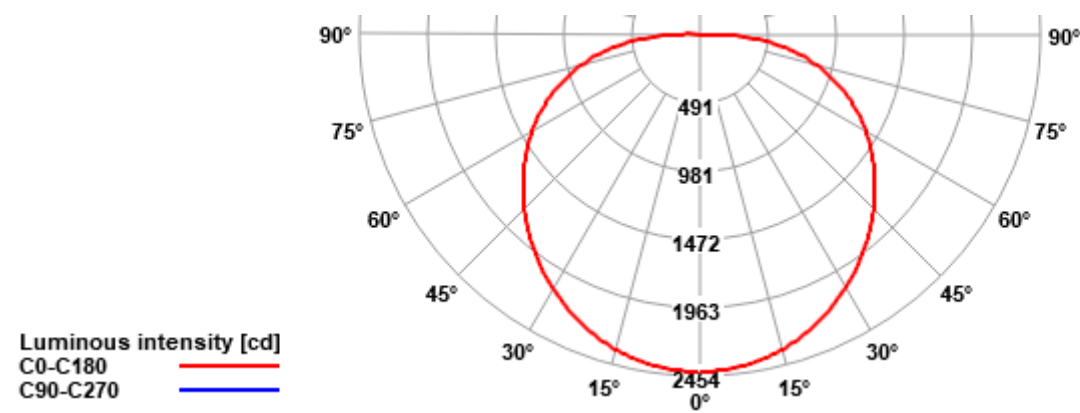
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	8484,57 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	2429,29 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	69,03 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4534
y	0,4104
Angular Colour Uniformity	0,0022

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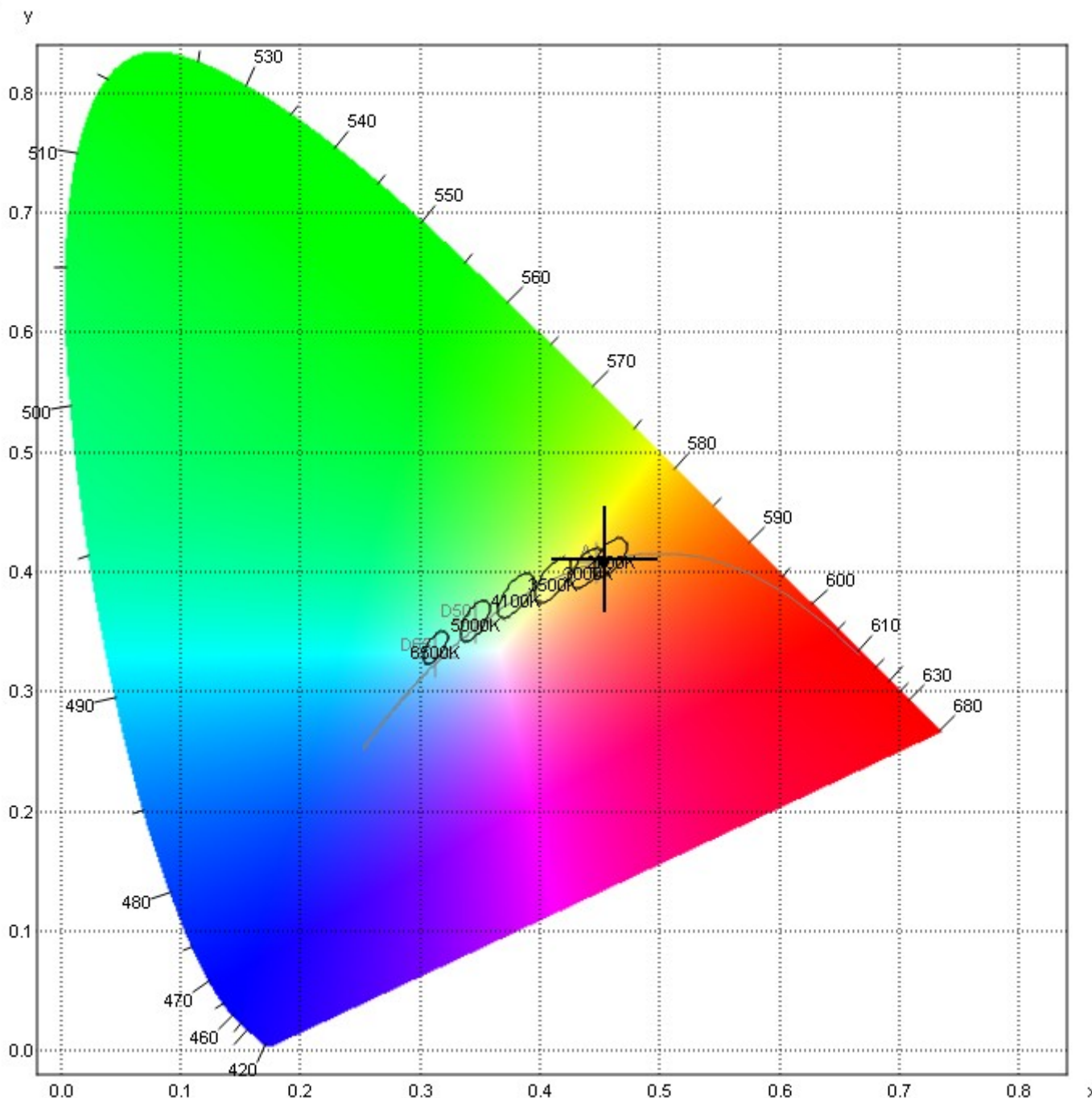
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Beam cone

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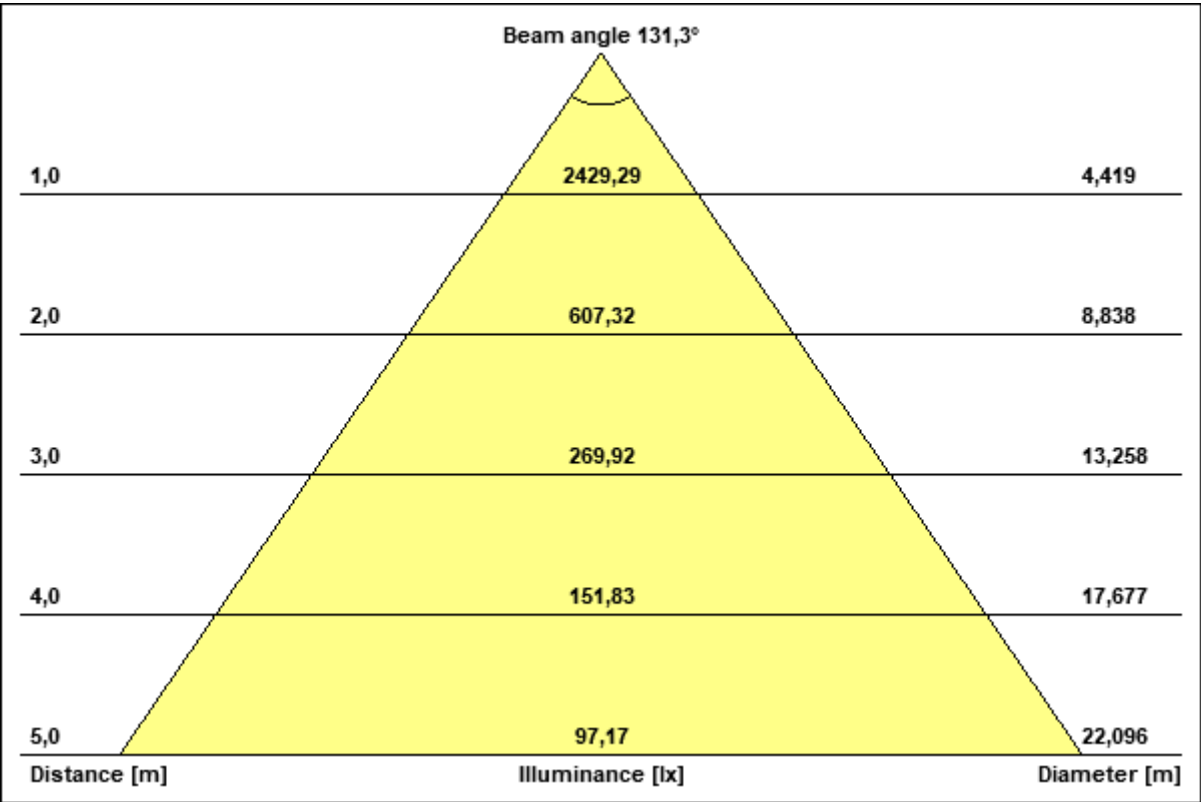
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Stabilization

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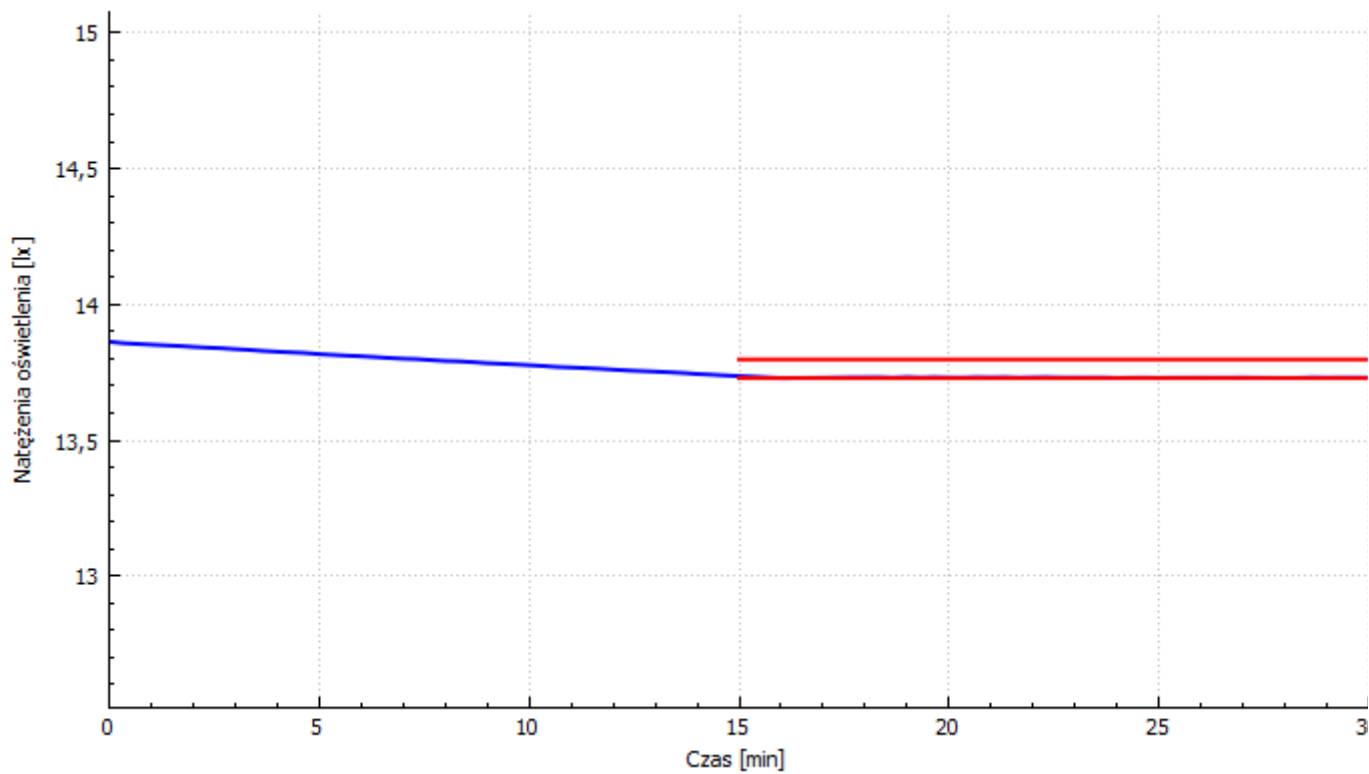
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3D Chart

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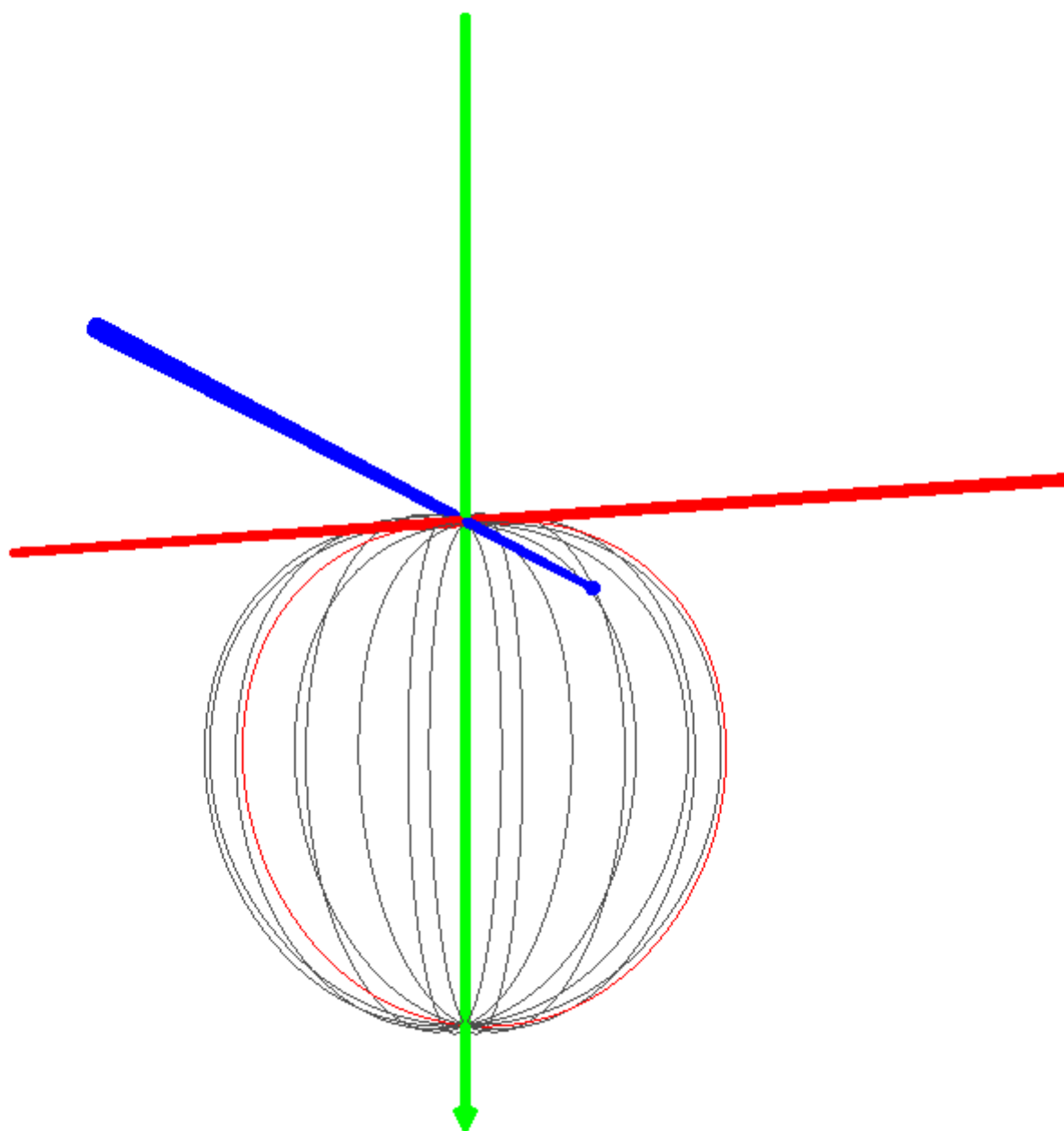
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Extended
electrical
report**

			P(%f)
0	0,00823	0,404	-2,95e-05
1	100,000	100,000	100,000
2	0,00539	0,0414	0
3	0,0402	8,641	0,00338
4	0,00208	0	0
5	0,0125	1,092	0,000129
6	0	0,0543	-3,43e-07
7	0,0117	1,593	0,000167
8	0	0,0822	0
9	0,00284	0,769	1,85e-05
10	0	0,084	0
11	0,00578	0,783	3,23e-05
12	0,0012	0,0945	0
13	0,0115	1,695	0,000145
14	0	0,105	0
15	0,00428	0,804	2,3e-05
16	0,00109	0,0739	0
17	0,0059	1,072	2,57e-05
18	0	0,0624	0
19	0,00452	0,670	1,24e-05
20	0,0012	0,0421	0
21	0,0042	0,629	7,45e-06

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22	0	0,0632	-1,83e-08
23	0,00717	0,611	2,39e-05
24	0,00128	0,0424	8,39e-09
25	0,00434	0,329	3,3e-06
26	0	0,0692	0
27	0,0022	0,235	1,77e-06
28	0	0,0758	0
29	0,00325	0,176	2,08e-06
30	0,000878	0,0786	0
31	0,00169	0,0995	1,68e-06
32	0,000999	0,0815	0
33	0,00153	0,288	1,16e-06
34	0,00155	0,0639	0
35	0,00262	0,219	1,08e-06
36	0,00141	0,101	0
37	0,00318	0,403	6,89e-07
38	0	0,0719	2,05e-08
39	0,00516	0,357	4,05e-06
40	0,00122	0,0595	1,81e-07
41	0,00622	0,391	7,01e-06
42	0	0,0491	5,68e-07
43	0,00712	0,408	4,32e-06
44	0,00101	0	7,99e-07
45	0,00737	0,449	3,73e-06
46	0	0,0555	2,32e-07
47	0,00743	0,420	2,66e-06
48	0,00167	0	-1,18e-07
49	0,00446	0,277	1,46e-06
50	0	0,053	2,11e-07

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