

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Agnes 58 DIMM CCT*
Item No: *AZ5016*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ5016-3000K*
LuminaireName: *Agnes 48 DIMM CCT*
LuminaireNumber: *AZ5016-3000K*
FileName: *AZ50163000K.Idt*
Date: *2024-06-04*

Dimensions of luminaire

Length: *480 mm*
Width: *0 mm*
Height: *1000 mm*

Dimensions of luminous area

Length: *480 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: *2053,51 lm*
Color temperatur: *2891 K*
Color rendering index: *81,32*
Wattage including ballast: *40,65 W*

Utilization factors:

k = 0.60	<i>0,249</i>
k = 0.80	<i>0,325</i>
k = 1.00	<i>0,393</i>
k = 1.25	<i>0,462</i>
k = 1.50	<i>0,517</i>
k = 2.00	<i>0,604</i>
k = 2.50	<i>0,656</i>
k = 3.00	<i>0,697</i>
k = 4.00	<i>0,755</i>
k = 5.00	<i>0,793</i>

Electrical parameters

<i>U</i>	<i>= 229,548 V</i>
<i>I</i>	<i>= 0,179 A</i>
<i>P</i>	<i>= 40,652 W</i>
<i>Power factor</i>	<i>= 0,987</i>

<i>Power apparent</i>	<i>= 41,215 VA</i>
<i>Power Reactive</i>	<i>= -6,684 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 9,159 %</i>

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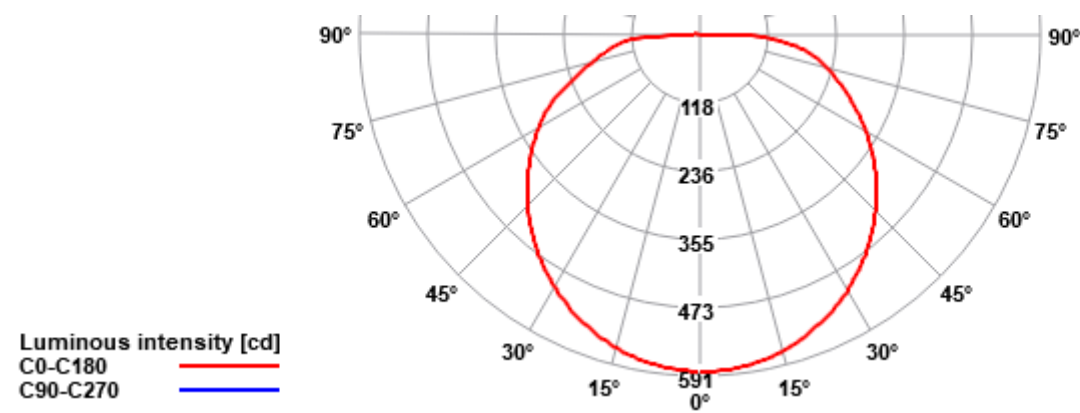
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2053,51 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	586,02 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	50,52 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4465
y	0,4099
Angular Colour Uniformity	0,0026

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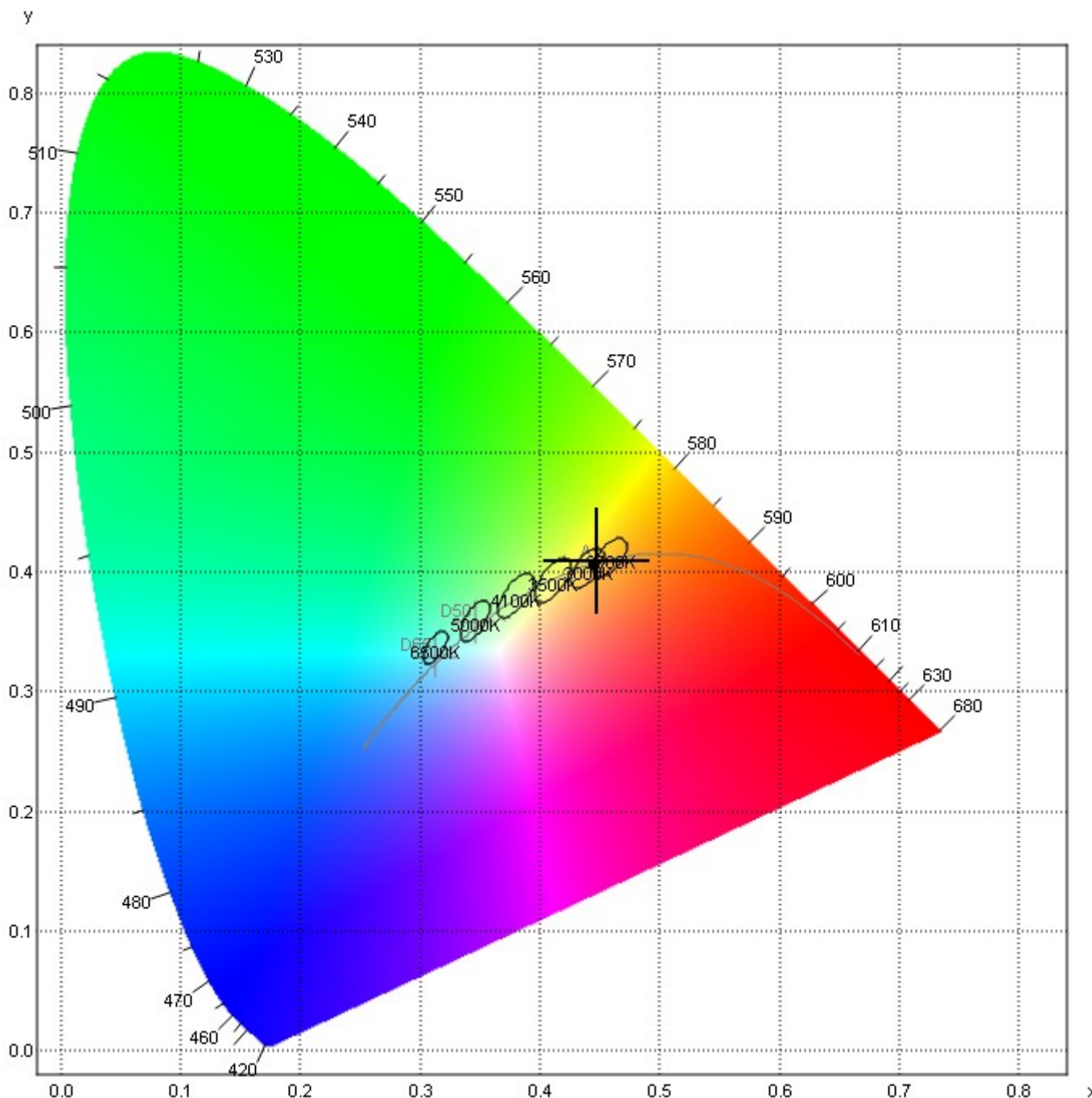
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Beam cone

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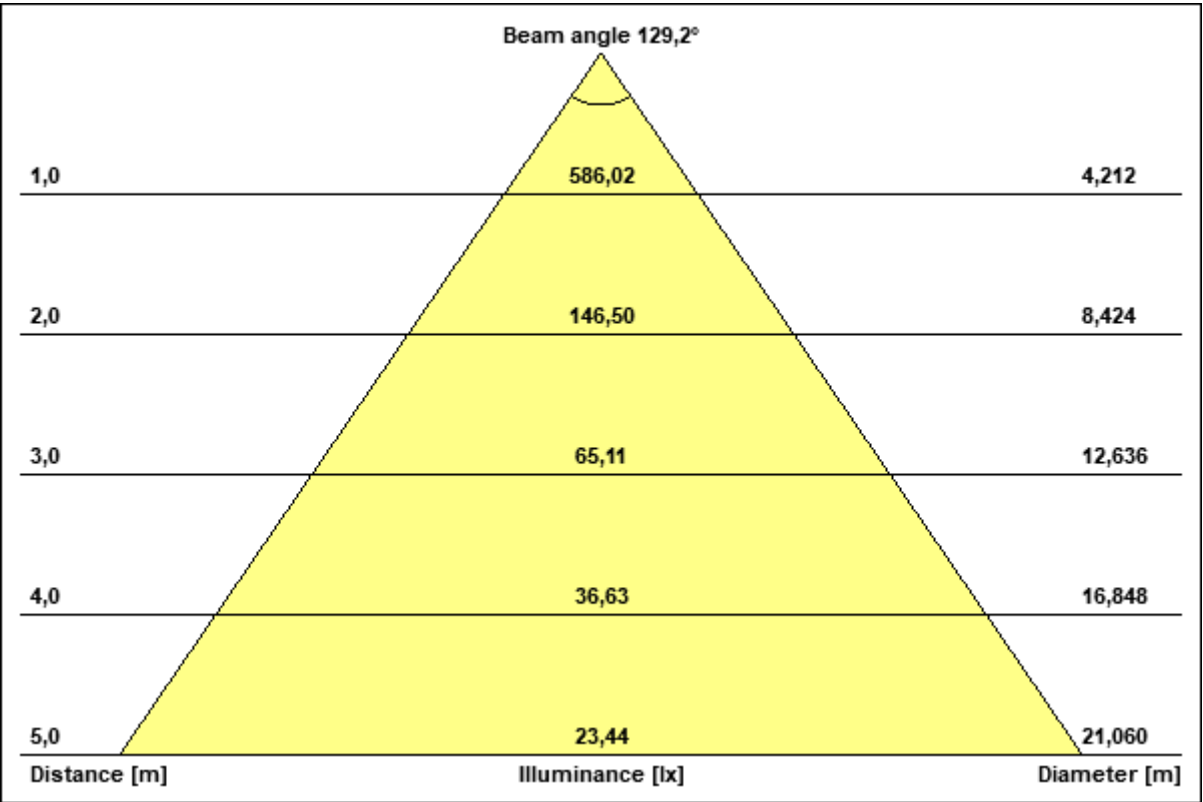
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Stabilization

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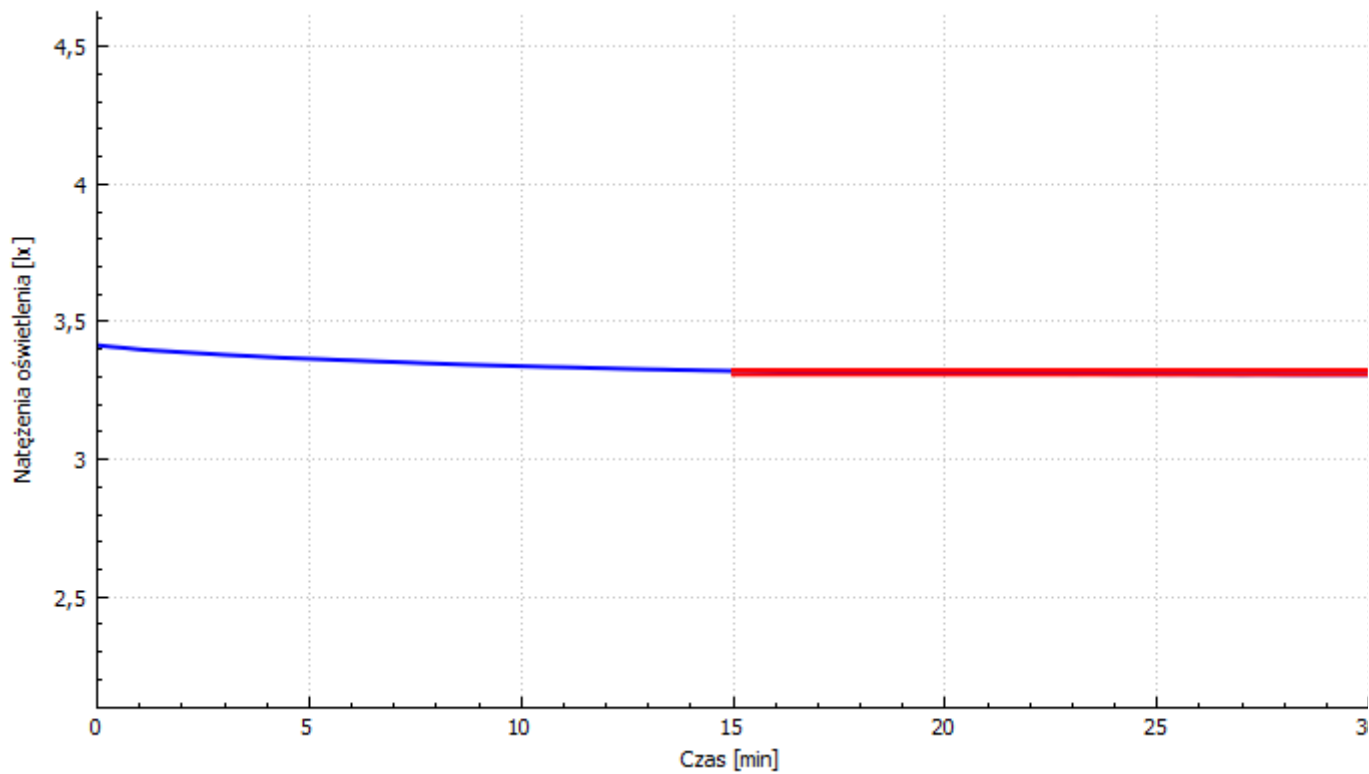
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3D Chart

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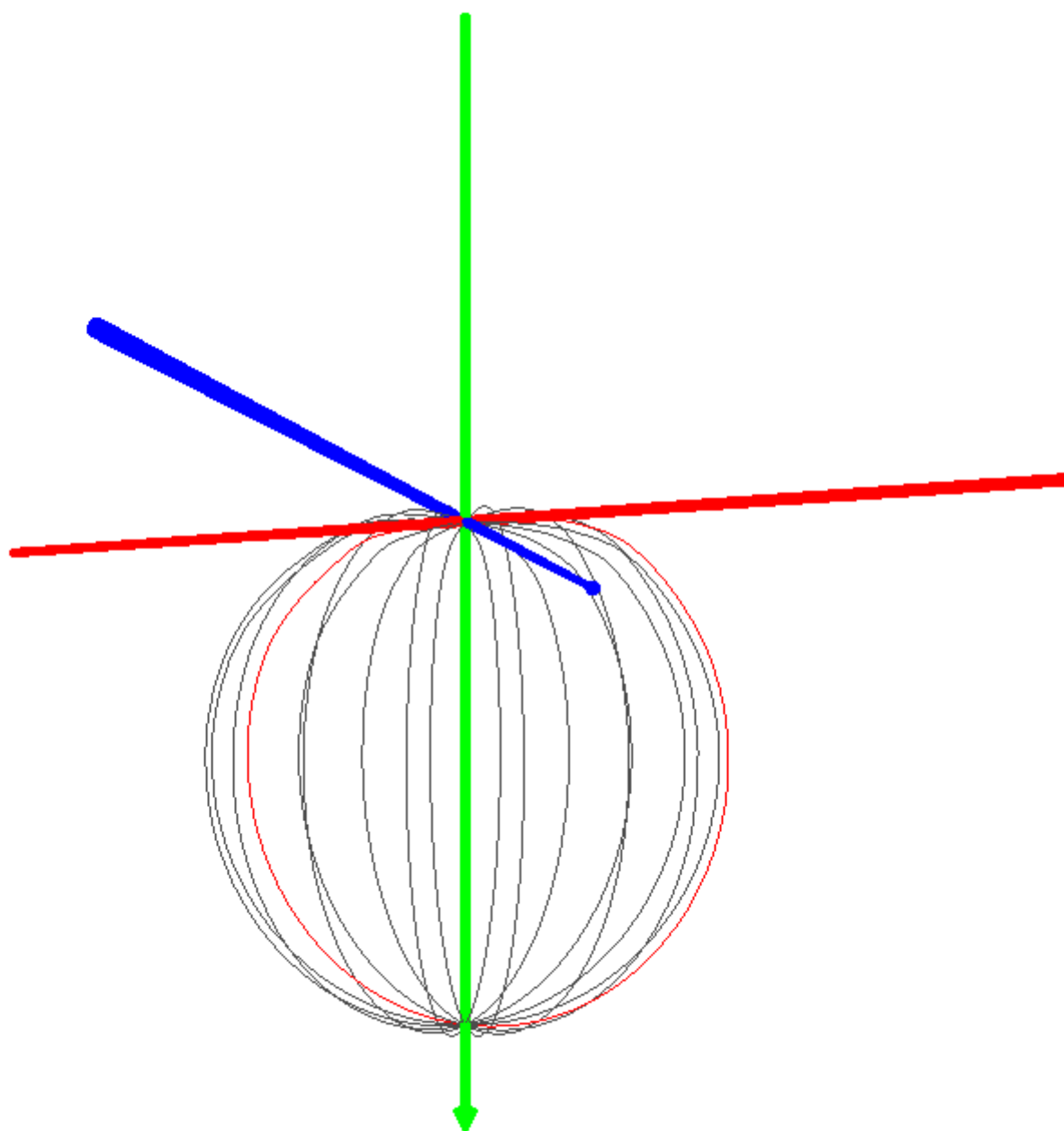
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

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			P(%f)
0	0,00811	0	-4,04e-06
1	100,000	100,000	100,000
2	0,0103	0,0651	6,5e-06
3	0,00702	8,302	9,68e-05
4	0,00666	0,0336	-1,72e-06
5	0,00927	1,514	0,000123
6	0,00554	0,0751	3,52e-07
7	0,00749	0,917	1,63e-05
8	0,00488	0,0608	-5,6e-07
9	0,00493	0,786	0
10	0,00489	0,0457	0
11	0,00613	1,726	2,78e-05
12	0,00483	0,116	-3,69e-07
13	0,00537	1,643	2,25e-05
14	0,00493	0,109	1,37e-07
15	0,00472	1,053	-1,05e-05
16	0,0048	0,092	0
17	0,00445	1,139	-2,03e-05
18	0,00467	0,0786	-1,05e-06
19	0,00471	0,826	-1,01e-05
20	0,00507	0,0654	0
21	0,00482	0,698	-1,17e-05

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22	0,0048	0,0783	1,02e-06
23	0,007	0,528	1,14e-05
24	0,0052	0,116	-1,46e-06
25	0,00533	0,393	1,67e-06
26	0,00556	0,110	2,24e-07
27	0,0046	0,201	-4,29e-06
28	0,00515	0,0952	0
29	0,00543	0,221	-2,11e-06
30	0,00551	0,0988	2,85e-07
31	0,0052	0,212	4,7e-07
32	0,00481	0,102	0
33	0,00502	0,305	0
34	0,0051	0,0704	-2,29e-08
35	0,00482	0,277	-1,41e-06
36	0,00482	0,0848	-3,29e-07
37	0,00601	0,336	-3,04e-06
38	0,0057	0,0758	-4,93e-07
39	0,00669	0,298	-6,4e-06
40	0,00468	0,113	0
41	0,00741	0,516	1,52e-06
42	0,00468	0,192	1,05e-06
43	0,00742	0,359	-9,15e-07
44	0,00469	0,178	0
45	0,0063	0,446	-2,09e-06
46	0,00474	0,151	8,99e-07
47	0,00658	0,279	6,19e-07
48	0,00459	0,138	-4,87e-08
49	0,00637	0,377	-3,08e-07
50	0,00393	0,163	7,38e-07

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