

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Agnes 78 DIMM CCT*
Item No: *AZ5022*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ5022-3000K*
LuminaireName: *Agnes 78 DIMM CCT*
LuminaireNumber: *AZ5022-3000K*
FileName: *AZ50223000K.Idt*
Date: *2024-06-04*

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: *3576,23 lm*
Color temperatur: *2859 K*
Color rendering index: *81,30*
Wattage including ballast: *65,32 W*

Utilization factors:

k = 0.60	<i>0,237</i>
k = 0.80	<i>0,310</i>
k = 1.00	<i>0,376</i>
k = 1.25	<i>0,444</i>
k = 1.50	<i>0,498</i>
k = 2.00	<i>0,583</i>
k = 2.50	<i>0,635</i>
k = 3.00	<i>0,677</i>
k = 4.00	<i>0,735</i>
k = 5.00	<i>0,774</i>

Electrical parameters

<i>U</i>	<i>= 229,618 V</i>
<i>I</i>	<i>= 0,288 A</i>
<i>P</i>	<i>= 65,318 W</i>
<i>Power factor</i>	<i>= 0,987</i>

<i>Power apparent</i>	<i>= 66,157 VA</i>
<i>Power Reactive</i>	<i>= -10,478 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 10,001 %</i>

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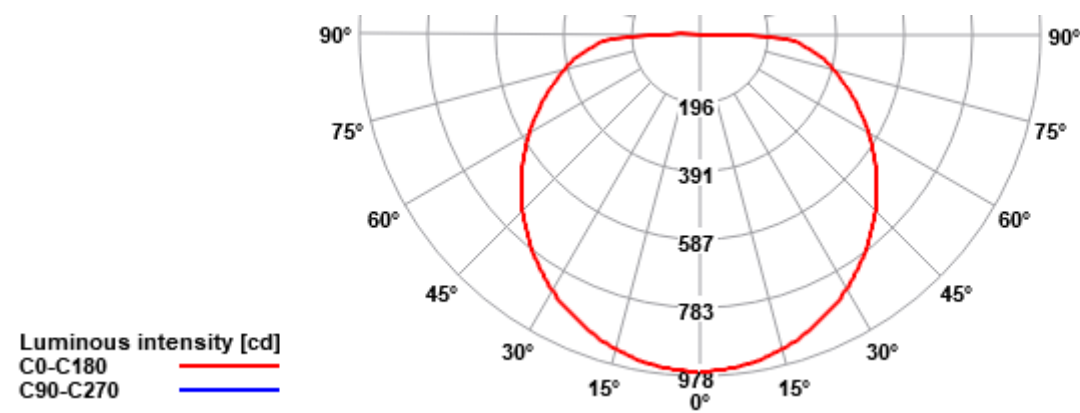
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	3576,23 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	968,51 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	54,75 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4474
y	0,4076
Angular Colour Uniformity	0,0019

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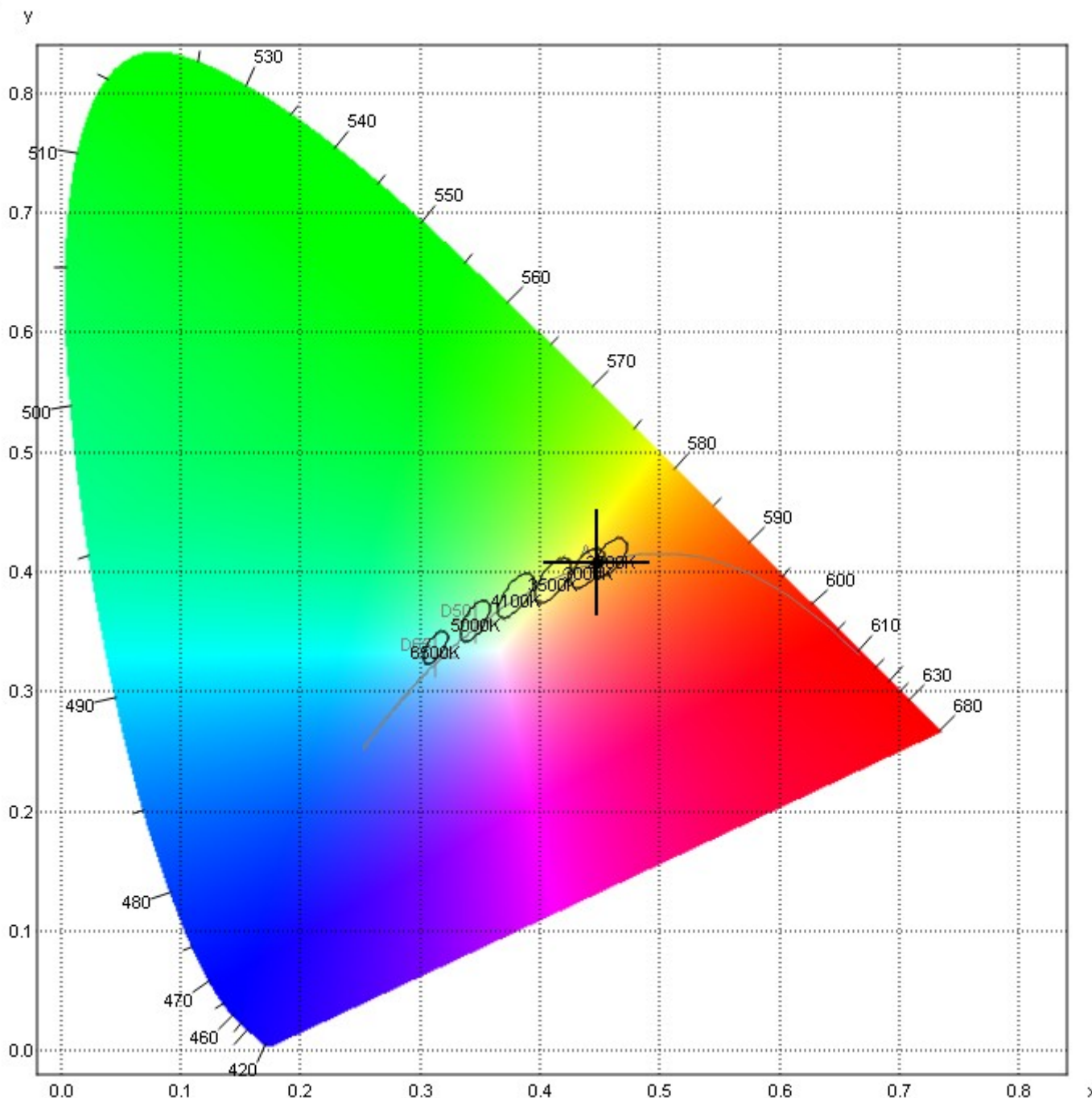
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Beam cone

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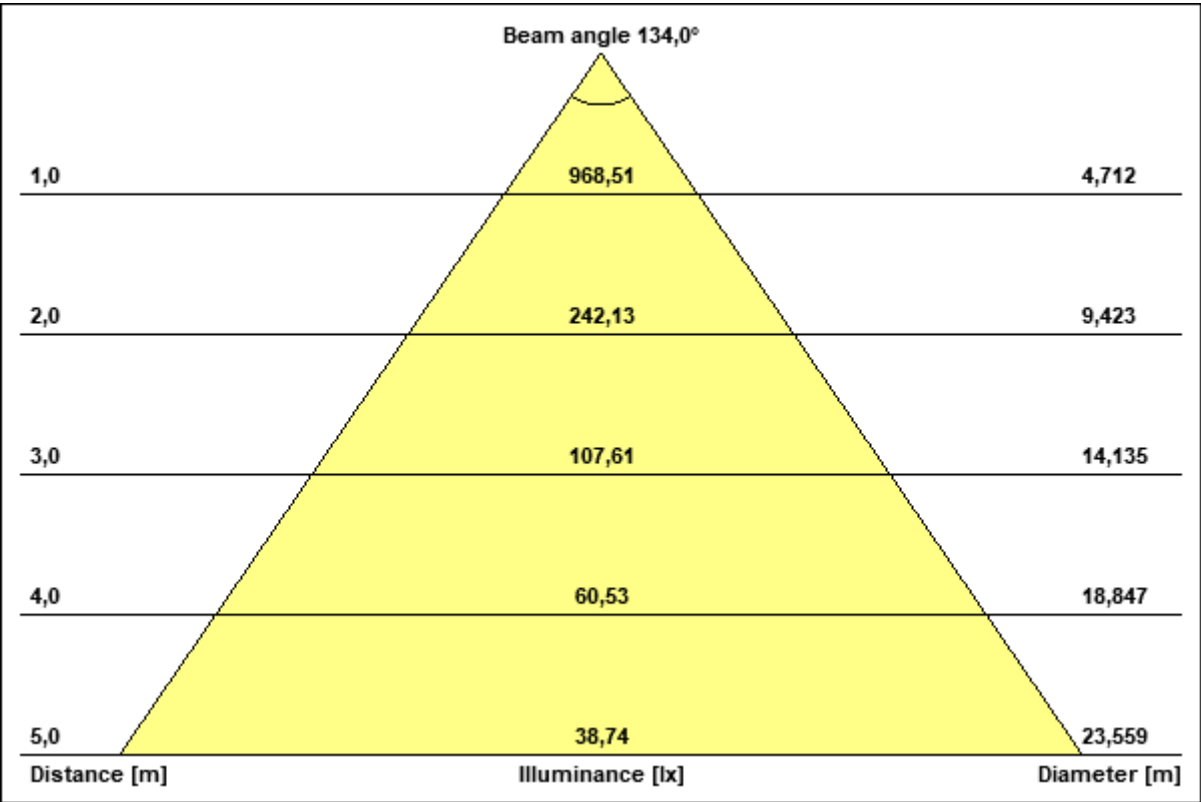
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Stabilization

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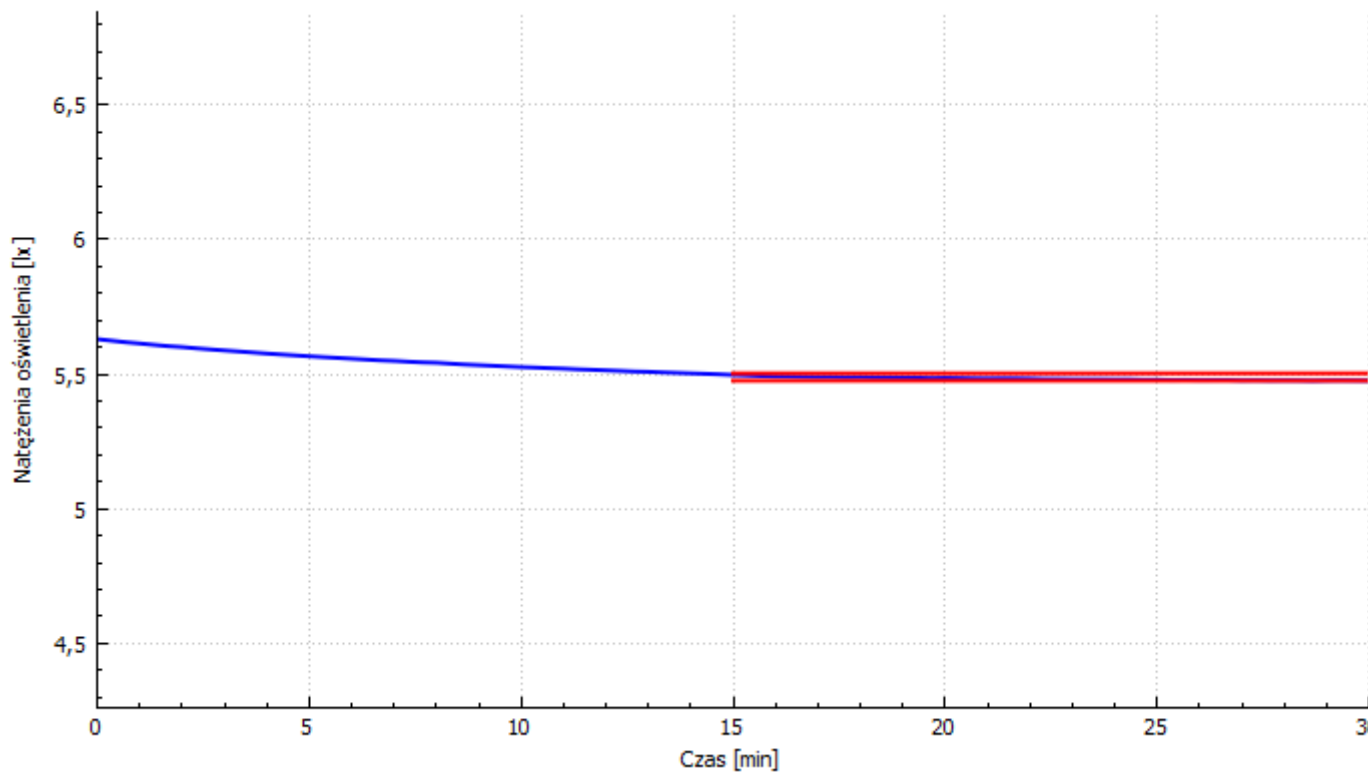
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3D Chart

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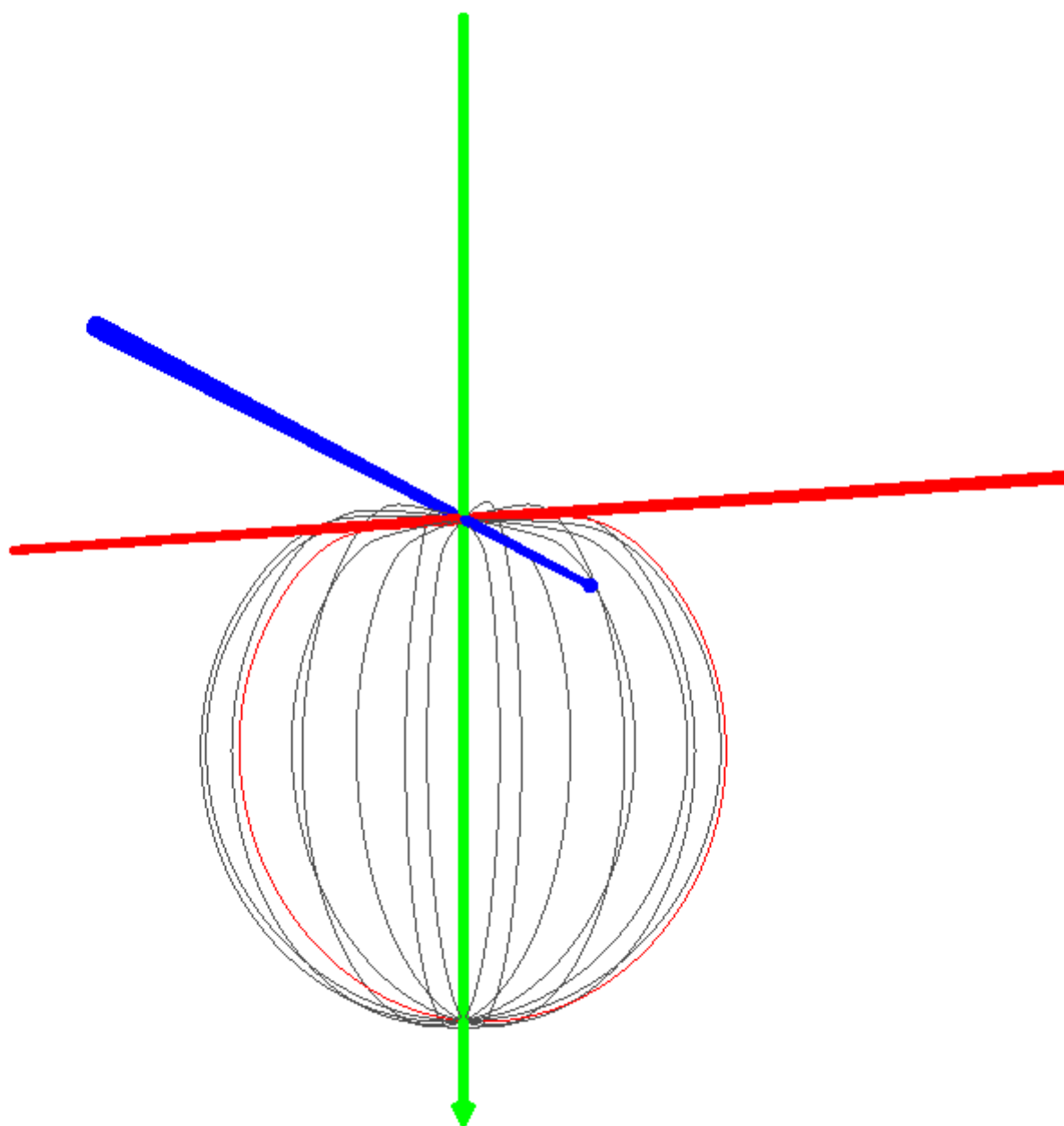
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

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			P(%f)
0	0,00283	0,372	-1,05e-05
1	100,000	100,000	100,000
2	0,0049	0,0685	1,08e-06
3	0,0189	9,272	0,00169
4	0,00279	0,0614	3,23e-07
5	0,00807	1,176	8,75e-05
6	0,0015	0	-4,12e-08
7	0,00759	1,684	0,000122
8	0	0,0443	3,29e-07
9	0,00179	0,489	1,11e-05
10	0	0	0
11	0,00645	1,170	5,88e-05
12	0	0,0442	0
13	0,00486	1,237	3,82e-05
14	0	0,0402	0
15	0,00417	1,203	2,09e-05
16	0	0,0479	0
17	0,00282	1,086	5,98e-06
18	0	0,0511	0
19	0,00331	0,849	2,15e-06
20	0	0,0393	0
21	0,00171	0,504	-1,63e-06

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22	0	0	0
23	0,00699	0,671	1,95e-05
24	0	0,0838	0
25	0,00251	0,370	-1,65e-06
26	0,000892	0,120	0
27	0,00213	0,281	2,32e-06
28	0	0,103	0
29	0,0012	0,142	-2,86e-06
30	0	0	0
31	0,00105	0,132	9,53e-07
32	0	0	0
33	0,00123	0,349	-1,09e-06
34	0	0	0
35	0,00272	0,310	-3,49e-06
36	0,00108	0	-2,71e-07
37	0,00116	0,352	-8,76e-07
38	0	0,0457	0
39	0,00409	0,424	9,89e-07
40	0,00107	0	0
41	0,00347	0,351	1,16e-06
42	0,00103	0	0
43	0,00506	0,457	4,95e-06
44	0	0,0543	0
45	0,00236	0,253	-1,52e-06
46	0	0,0742	0
47	0,00374	0,474	3,39e-06
48	0,00109	0,057	0
49	0,00174	0,156	-1,02e-06
50	0,000964	0,0414	6,92e-07

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