

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: *AZ5022-6000K*
LuminaireName: *Agnes 78 DIMM CCT*
LuminaireNumber: *AZ5022-6000K*
FileName: *AZ50226000K.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: *3661,37 lm*
Color temperatur: *6054 K*
Color rendering index: *81,90*
Wattage including ballast: *64,46 W*

Utilization factors:

k = 0.60	<i>0,240</i>
k = 0.80	<i>0,314</i>
k = 1.00	<i>0,381</i>
k = 1.25	<i>0,448</i>
k = 1.50	<i>0,503</i>
k = 2.00	<i>0,588</i>
k = 2.50	<i>0,640</i>
k = 3.00	<i>0,681</i>
k = 4.00	<i>0,739</i>
k = 5.00	<i>0,778</i>

Electrical parameters

<i>U</i>	<i>= 229,588 V</i>
<i>I</i>	<i>= 0,285 A</i>
<i>P</i>	<i>= 64,464 W</i>
<i>Power factor</i>	<i>= 0,986</i>

<i>Power apparent</i>	<i>= 65,355 VA</i>
<i>Power Reactive</i>	<i>= -10,733 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 10,231 %</i>

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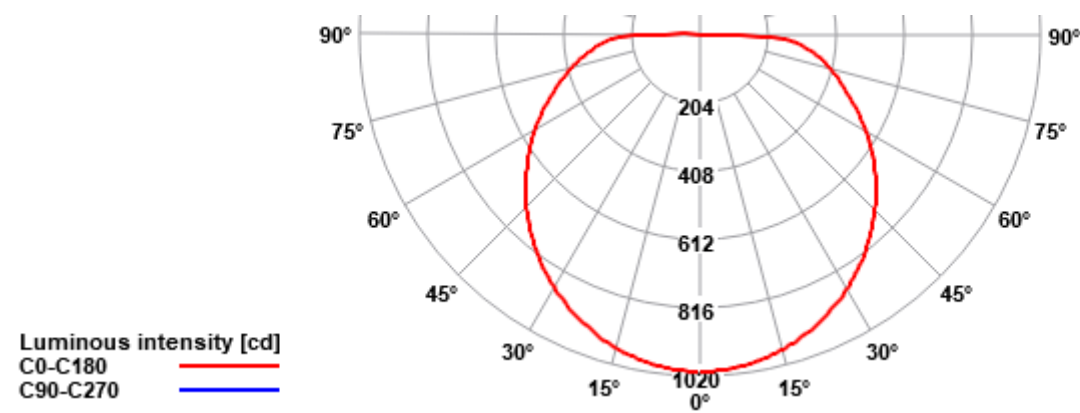
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	3661,37 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1011,75 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	56,80 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3203
y	0,3421
Angular Colour Uniformity	0,0020

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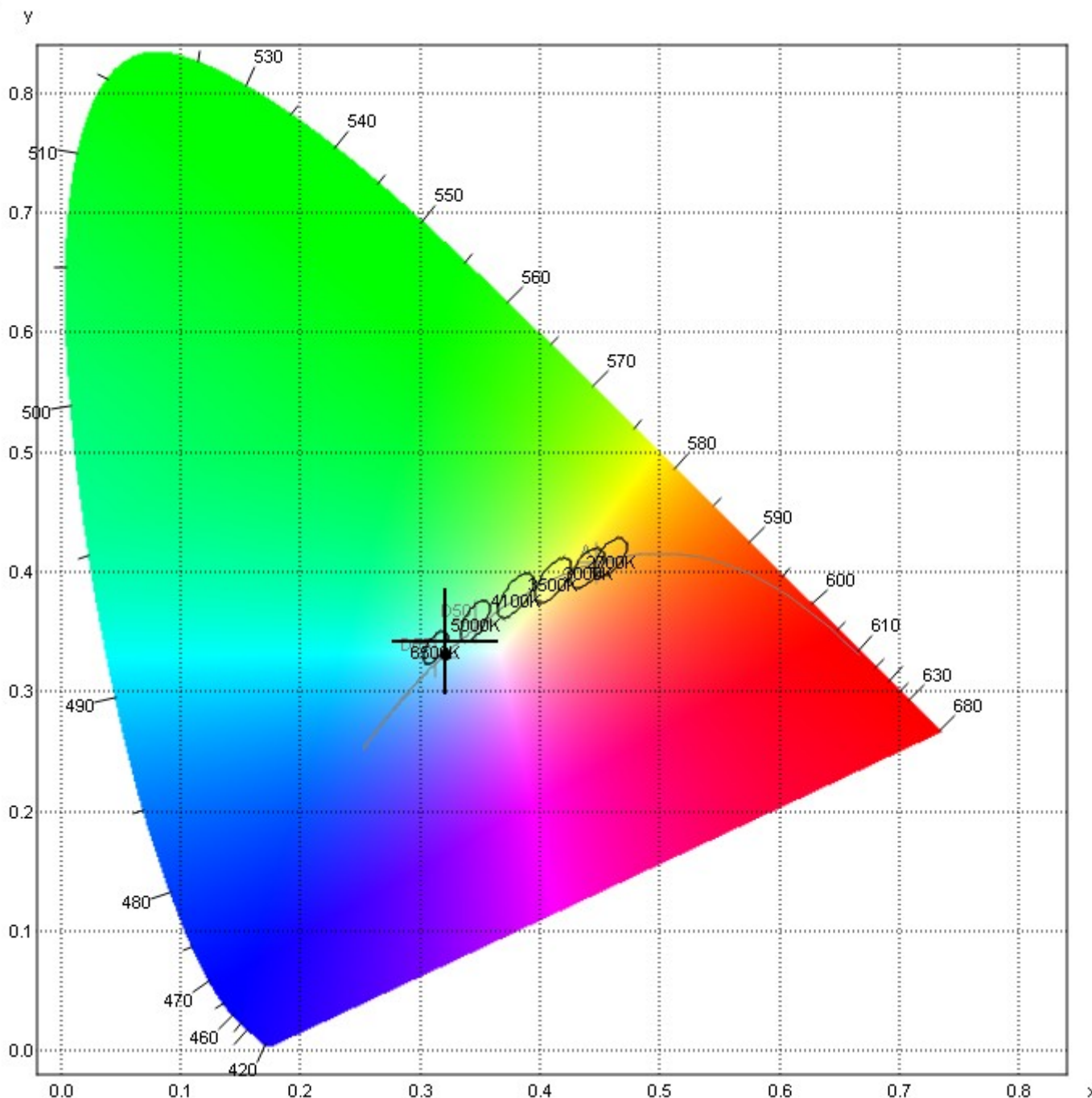
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Beam cone

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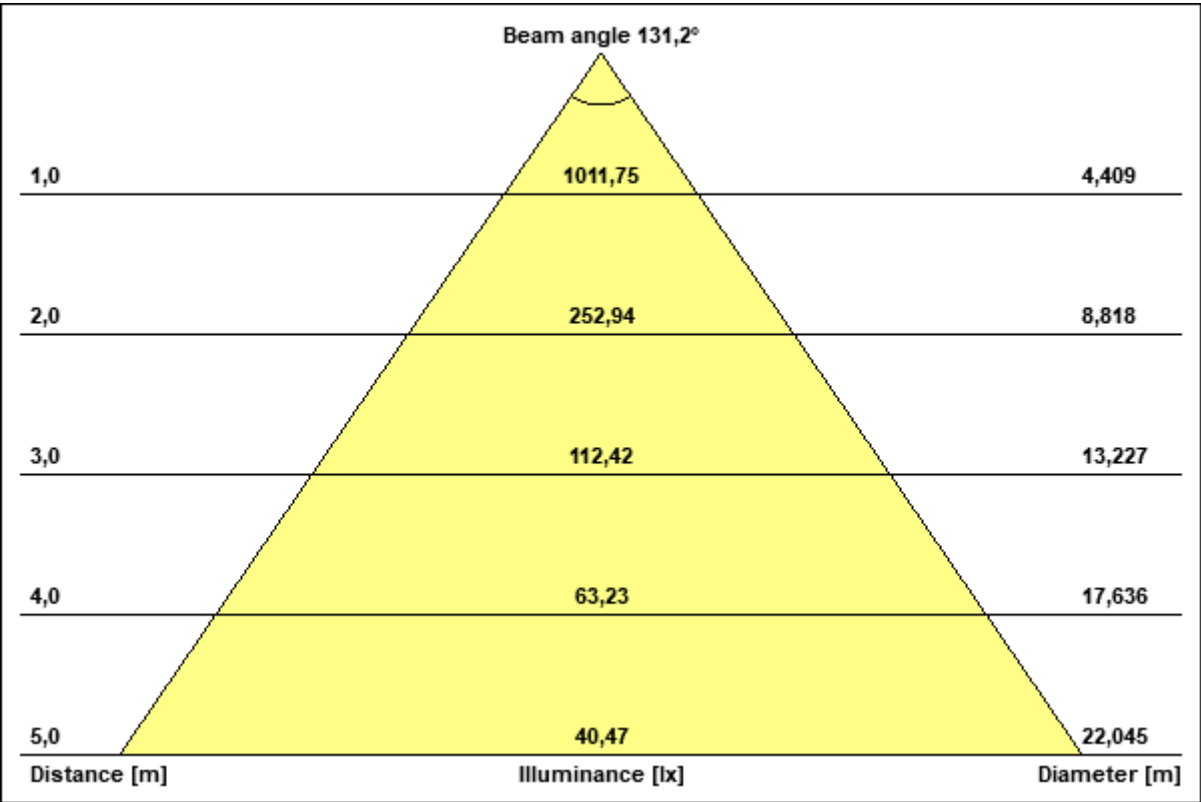
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Stabilization

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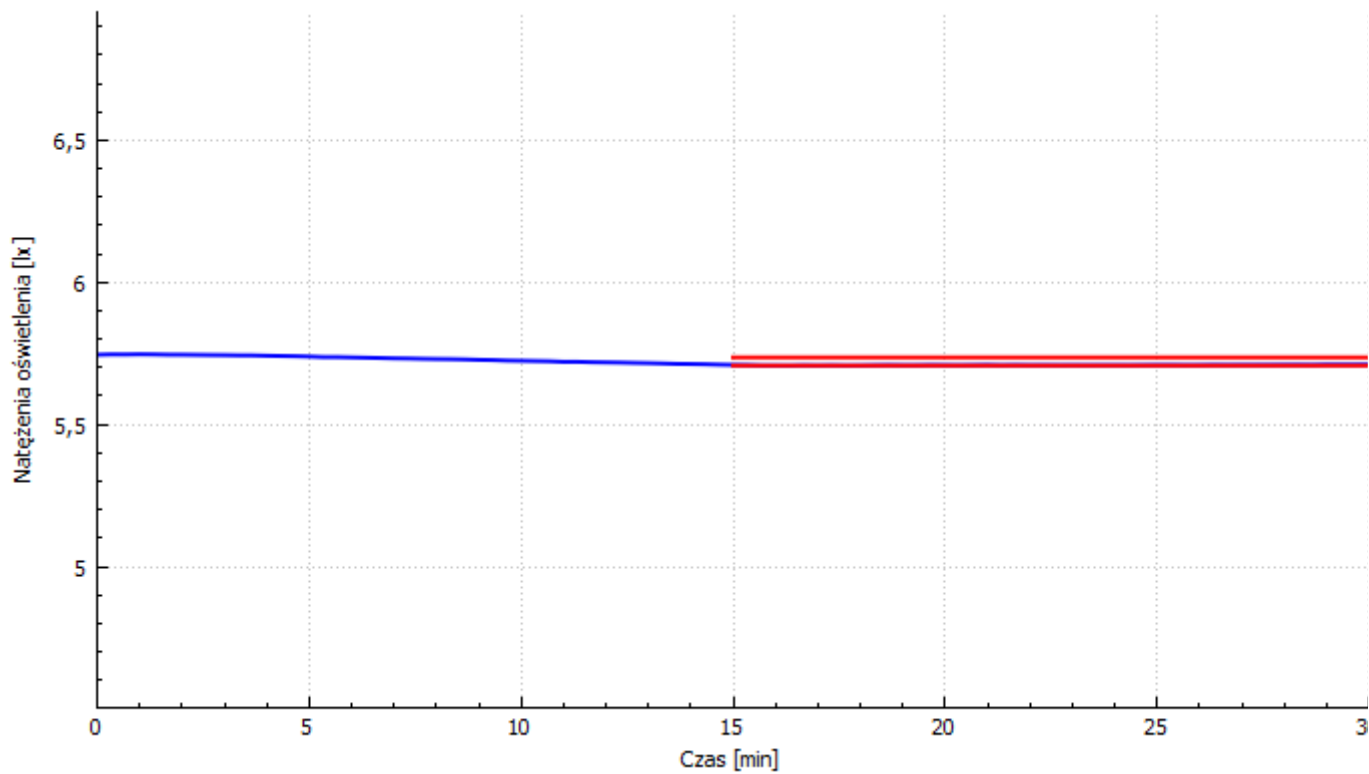
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3D Chart

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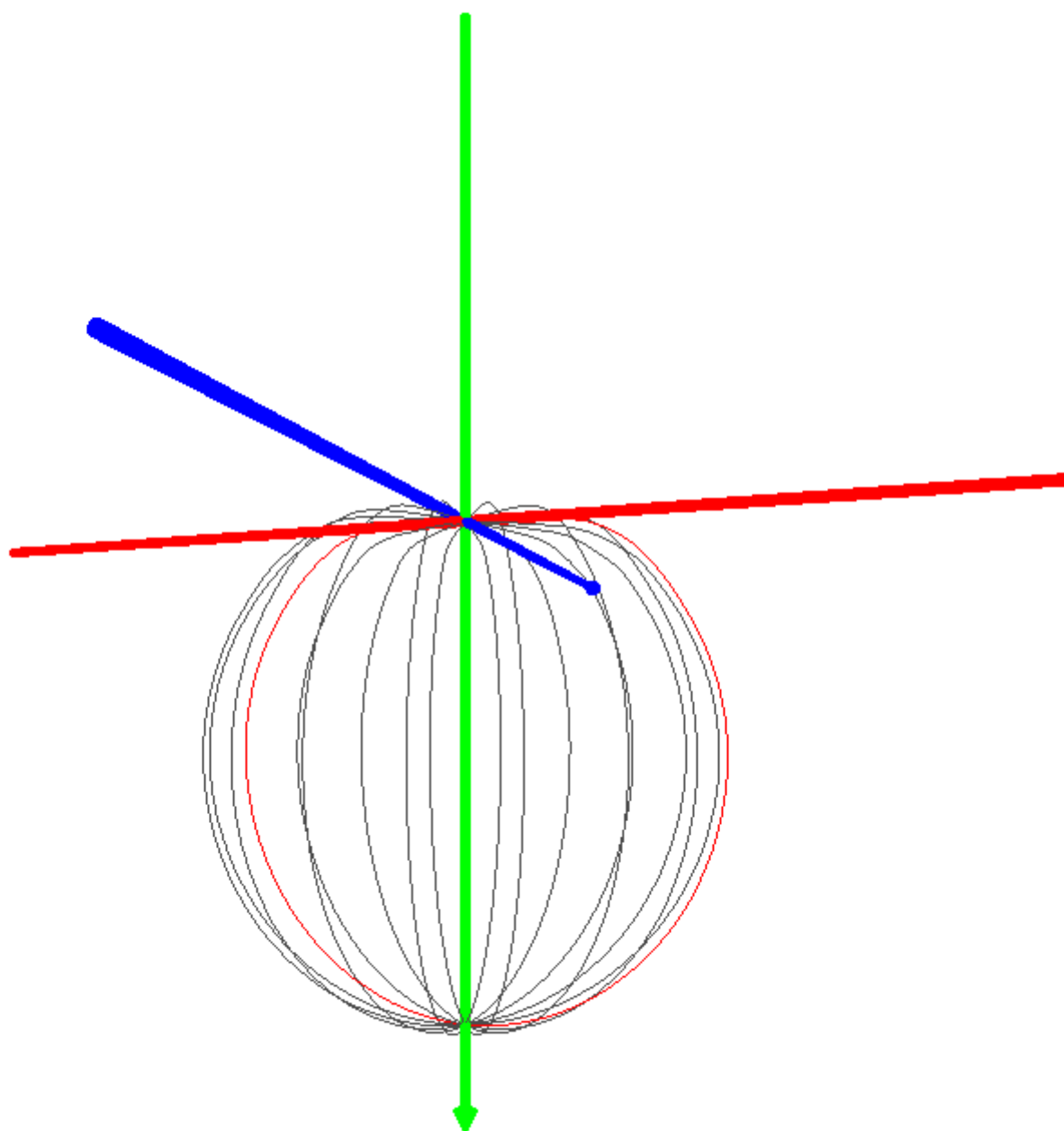
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0,00155	0,355	-4,82e-06
1	100,000	100,000	100,000
2	0,00622	0,0632	-2,43e-06
3	0,0193	9,566	0,00177
4	0,00255	0,075	9,28e-07
5	0,0074	1,203	8,08e-05
6	0,00165	0,100	-1,18e-07
7	0,00735	1,697	0,000126
8	0,000849	0,0409	2,02e-07
9	0,00154	0,529	1,03e-05
10	0	0,0656	0
11	0,00667	1,191	5,78e-05
12	0	0,075	0
13	0,00514	1,270	3,68e-05
14	0	0,0407	0
15	0,00448	1,197	1,49e-05
16	0	0,0615	0
17	0,00265	1,093	3,5e-06
18	0,000865	0,0946	0
19	0,00329	0,824	1,47e-06
20	0	0,0612	0
21	0,00134	0,539	-5,35e-06

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22	0,000893	0,0706	1,09e-07
23	0,00698	0,687	2,02e-05
24	0,000884	0,0746	0
25	0,00266	0,369	-2,35e-06
26	0	0,0603	0
27	0,00139	0,234	-1,26e-06
28	0,0012	0,0495	0
29	0,00131	0,177	-2,02e-06
30	0,00111	0,0578	0
31	0,00159	0,222	2,4e-06
32	0	0,0893	0
33	0,00105	0,238	3,95e-07
34	0	0,081	0
35	0,00234	0,428	-4,82e-06
36	0	0,0445	0
37	0,00124	0,277	2,2e-07
38	0,000891	0,0688	0
39	0,0041	0,469	1,62e-07
40	0	0,0482	-1,55e-07
41	0,00313	0,310	-1,41e-06
42	0	0,0521	0
43	0,00481	0,441	3,72e-06
44	0	0,0677	1,84e-07
45	0,0025	0,268	-2,23e-06
46	0,000872	0,0983	0
47	0,00345	0,344	-8,99e-07
48	0,000848	0,0835	4,4e-07
49	0,00287	0,187	5,42e-07
50	0,00114	0,0763	5,91e-09

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