

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Agnes 48 DIMM CCT*
Item No: *AZ5016*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ5016-6000K*
LuminaireName: *Agnes 48 DIMM CCT*
LuminaireNumber: *AZ5016-6000K*
FileName: *AZ50166000K.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

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Type of lamps: *LED*
Total luminous flux: *2330,66 lm*
Color temperatur: *6062 K*
Color rendering index: *83,73*
Wattage including ballast: *40,28 W*

Utilization factors:

$k = 0.60$	<i>0,245</i>
$k = 0.80$	<i>0,320</i>
$k = 1.00$	<i>0,388</i>
$k = 1.25$	<i>0,457</i>
$k = 1.50$	<i>0,512</i>
$k = 2.00$	<i>0,599</i>
$k = 2.50$	<i>0,652</i>
$k = 3.00$	<i>0,694</i>
$k = 4.00$	<i>0,752</i>
$k = 5.00$	<i>0,790</i>

Electrical parameters

U	<i>= 229,542 V</i>
I	<i>= 0,178 A</i>
P	<i>= 40,275 W</i>
Power factor	<i>= 0,988</i>

Power apparent	<i>= 40,784 VA</i>
Power Reactive	<i>= -6,387 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 9,232 %</i>

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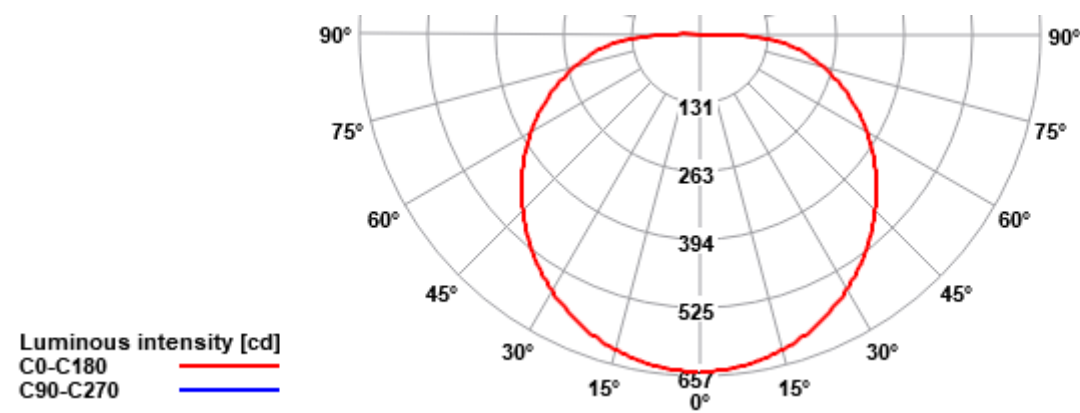
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2330,66 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	650,33 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	57,86 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3203
y	0,3400
Angular Colour Uniformity	0,0024

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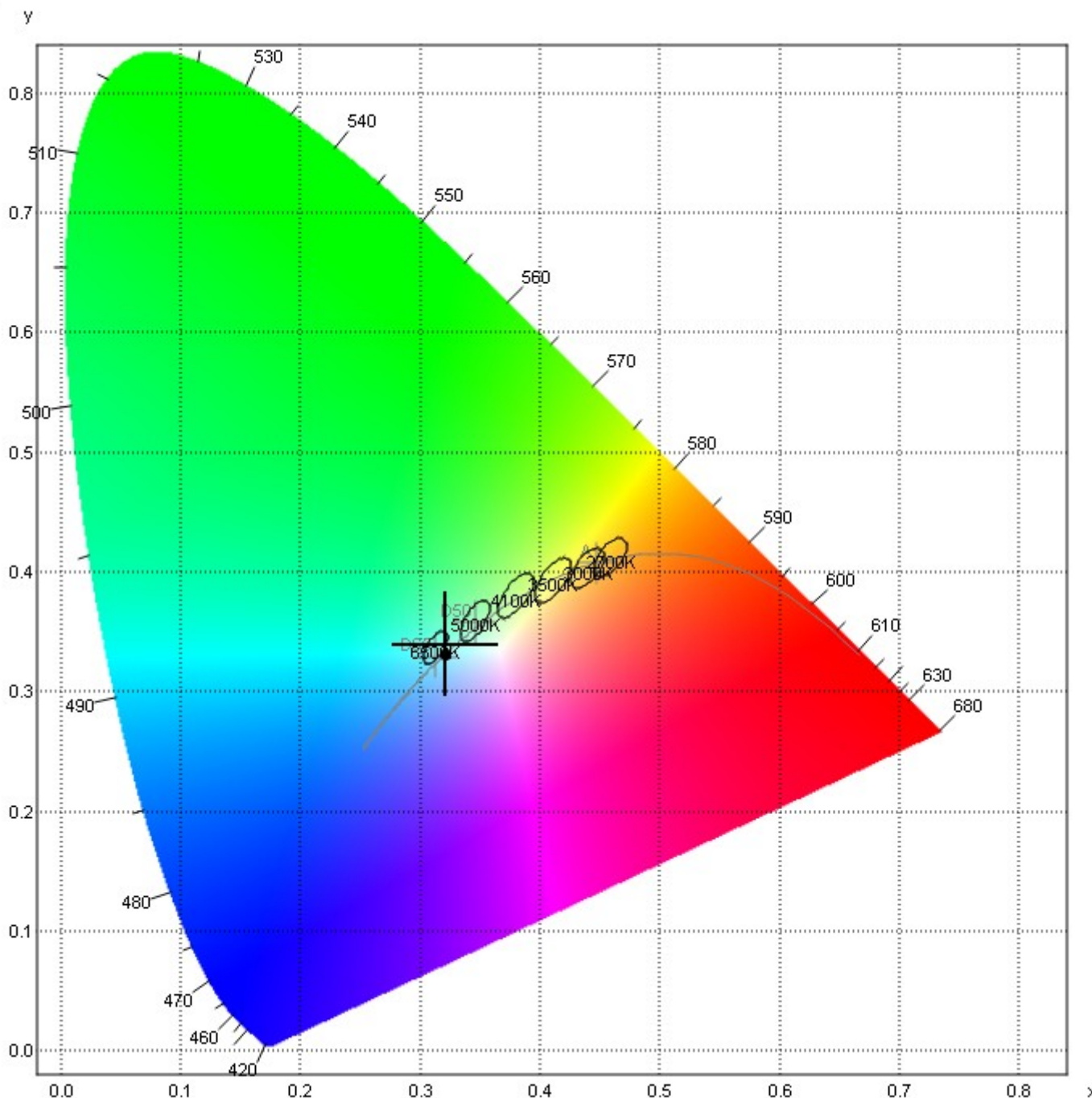
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Beam cone

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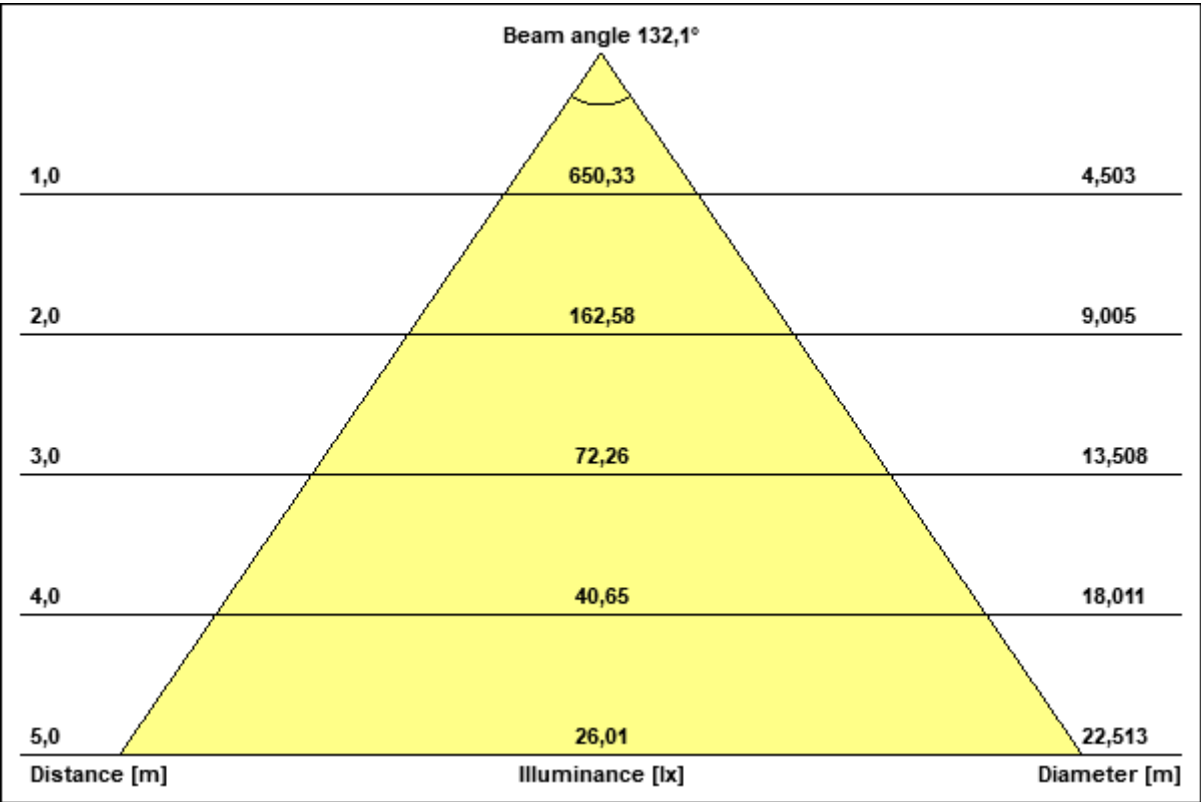
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Stabilization

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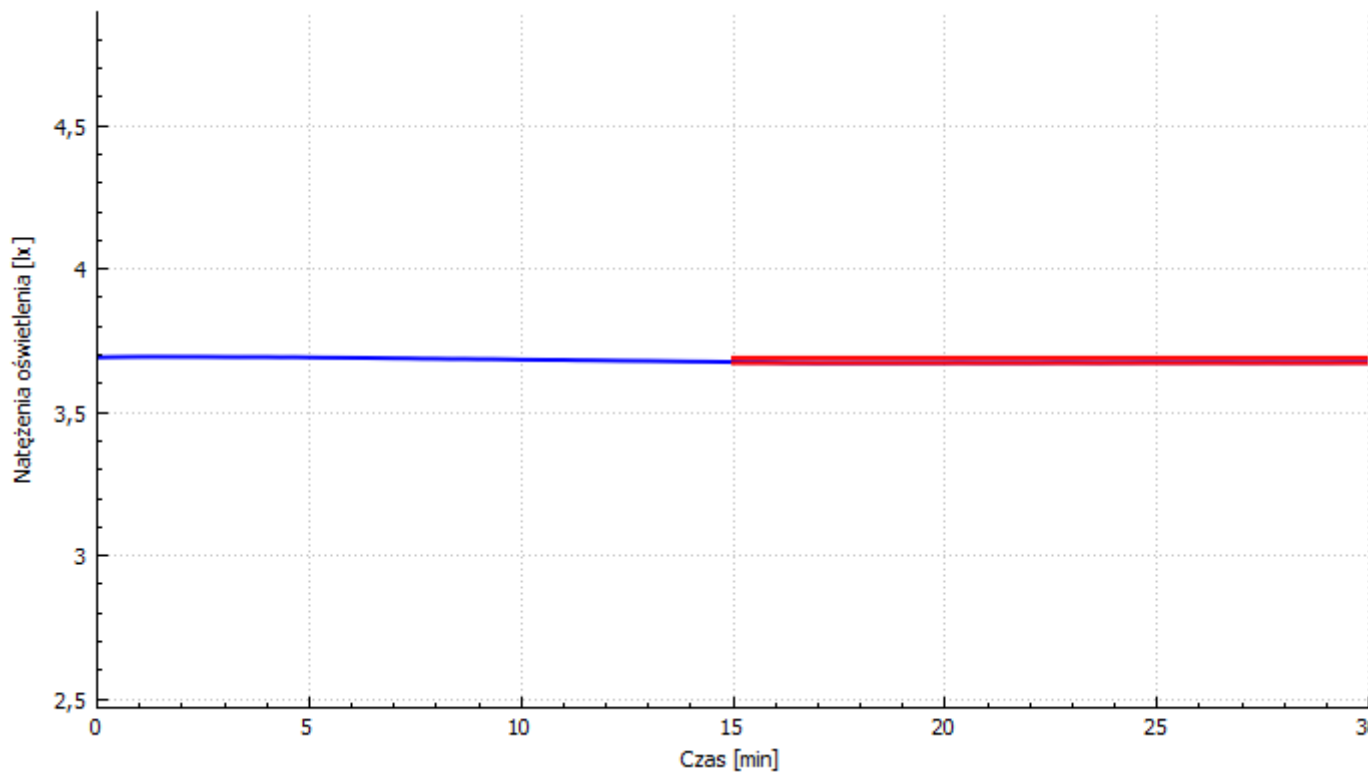
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3D Chart

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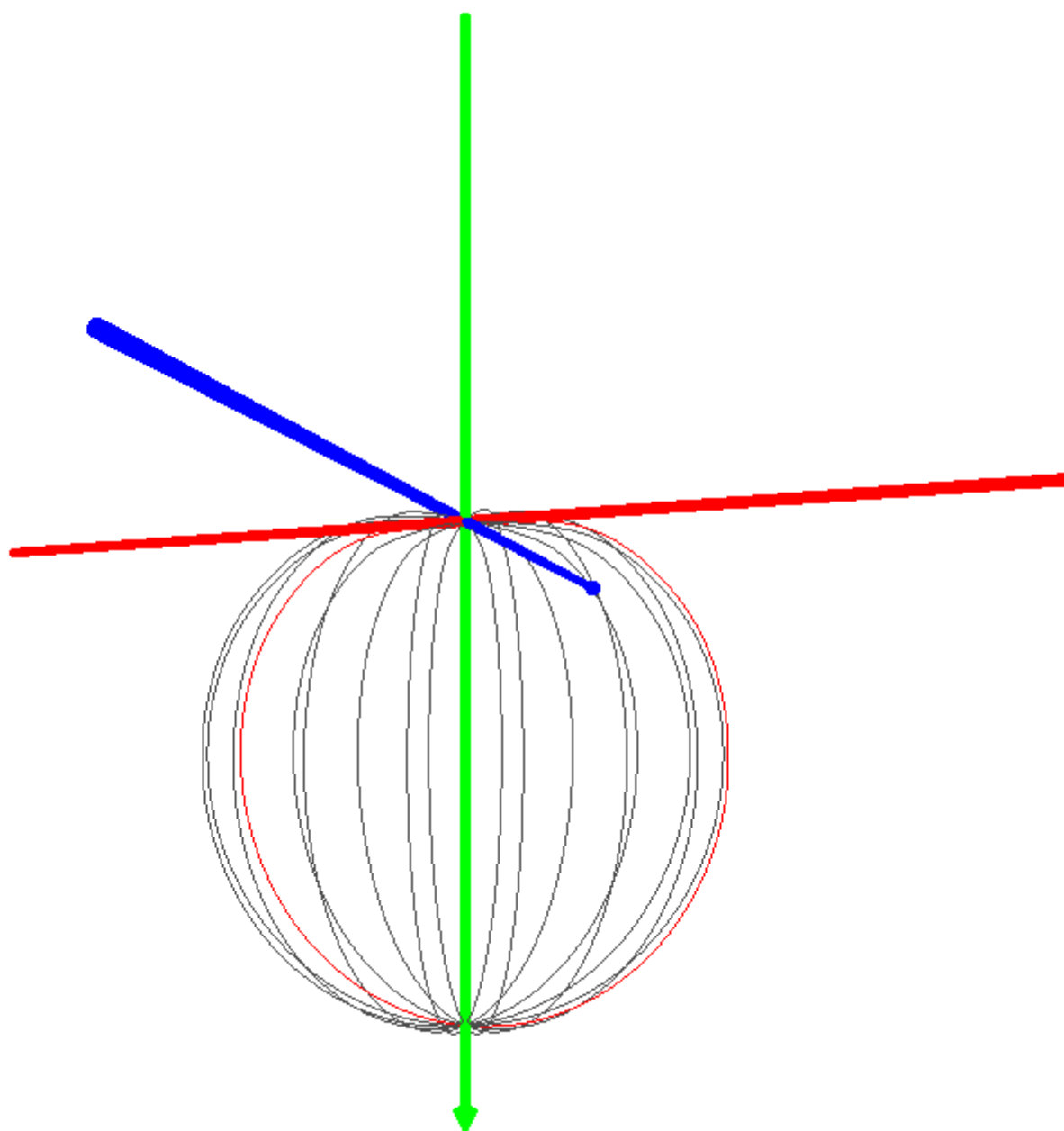
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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U(%f)			I(%f)	P(%f)
0	0	0	0	
1	100,000	100,000	100,000	
2	0,00658	0,0439	4,83e-06	
3	0,00301	8,411	0,000132	
4	0,00257	0,0688	-3,31e-07	
5	0,00798	1,574	0,000128	
6	0,00146	0,0384	8,46e-07	
7	0,00451	0,944	2,45e-05	
8	0,001	0,088	9,61e-08	
9	0,00116	0,773	-9,03e-06	
10	0,000935	0,0913	0	
11	0,00419	1,710	3,34e-05	
12	0,000854	0,120	0	
13	0,00307	1,670	1,48e-05	
14	0	0,0852	0	
15	0,00264	1,065	-8,12e-06	
16	0,000858	0,068	-3,1e-09	
17	0,00279	1,150	-2,22e-05	
18	0,00116	0,103	0	
19	0,00171	0,747	-8,89e-06	
20	0	0,0514	0	
21	0,00267	0,767	-9,2e-06	

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22	0,000988	0,0812	2,56e-07
23	0,00473	0,482	8,18e-06
24	0,00102	0,135	-7,93e-07
25	0,00252	0,356	-3,24e-07
26	0	0,157	3,46e-07
27	0,0015	0,169	-5,77e-07
28	0,00119	0,182	0
29	0,00163	0,240	-4,02e-06
30	0	0,106	2,27e-08
31	0,00149	0,176	5,49e-07
32	0,00109	0,143	6,26e-07
33	0,000852	0,289	-5,37e-07
34	0,00105	0,162	-1,81e-06
35	0	0,317	-2,4e-06
36	0,000926	0,129	0
37	0,00157	0,332	-2,06e-06
38	0	0,129	-3,88e-07
39	0,00205	0,316	-4,2e-06
40	0,00114	0,156	0
41	0,00357	0,375	5,49e-06
42	0	0,178	-2,8e-07
43	0,00309	0,485	-2,05e-06
44	0,00111	0,166	0
45	0,0018	0,284	-3,08e-06
46	0,00126	0,124	3,97e-07
47	0,00228	0,438	6,1e-07
48	0	0,192	-1,53e-07
49	0,0021	0,260	-2,52e-06
50	0,000883	0,182	1,41e-06

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