

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa DALI Corner90 B 24W CCT DIMM*
Item No: *AZ6288*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6288_6000*
LuminaireName: *Alfa DALI Saga Corner A 24W CCT DIMM*
LuminaireNumber: *AZ6288*
FileName: *AZ6288_6000.ldt*
Date: *2024-10-01*

Dimensions of luminaire

Length: *220 mm*
Width: *220 mm*
Height: *60 mm*

Dimensions of luminous area

Length: *218 mm*
Width: *218 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: *1084,73 lm*
Color temperatur: *6741 K*
Color rendering index: *94,02*
Wattage including ballast: *26,17 W*

Utilization factors:

k = 0.60	<i>0,317</i>
k = 0.80	<i>0,402</i>
k = 1.00	<i>0,477</i>
k = 1.25	<i>0,550</i>
k = 1.50	<i>0,606</i>
k = 2.00	<i>0,693</i>
k = 2.50	<i>0,740</i>
k = 3.00	<i>0,777</i>
k = 4.00	<i>0,826</i>
k = 5.00	<i>0,857</i>

Electrical parameters

<i>U</i>	<i>= 229,631 V</i>
<i>I</i>	<i>= 0,174 A</i>
<i>P</i>	<i>= 26,170 W</i>
<i>Power factor</i>	<i>= 0,657</i>

<i>Power apparent</i>	<i>= 39,850 VA</i>
<i>Power Reactive</i>	<i>= -30,045 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 21,768 %</i>

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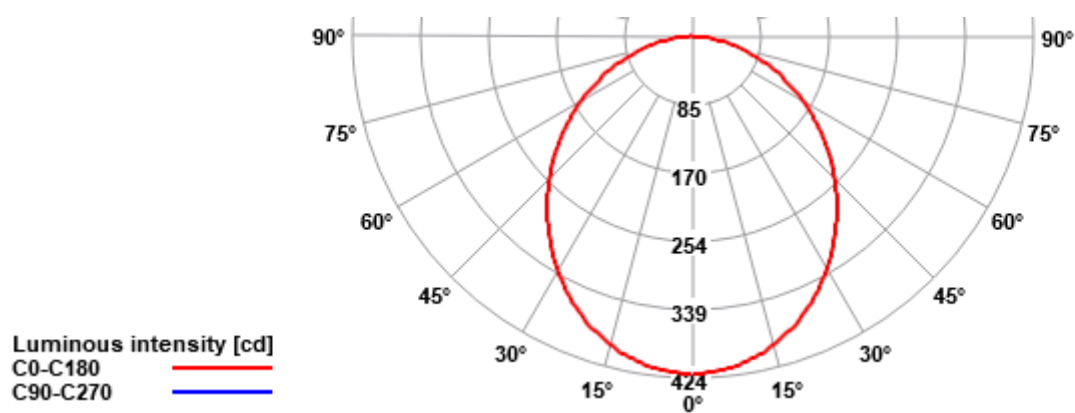
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1084,73 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	419,64 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	41,45 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3105
y	0,3169
Angular Colour Uniformity	0,0031

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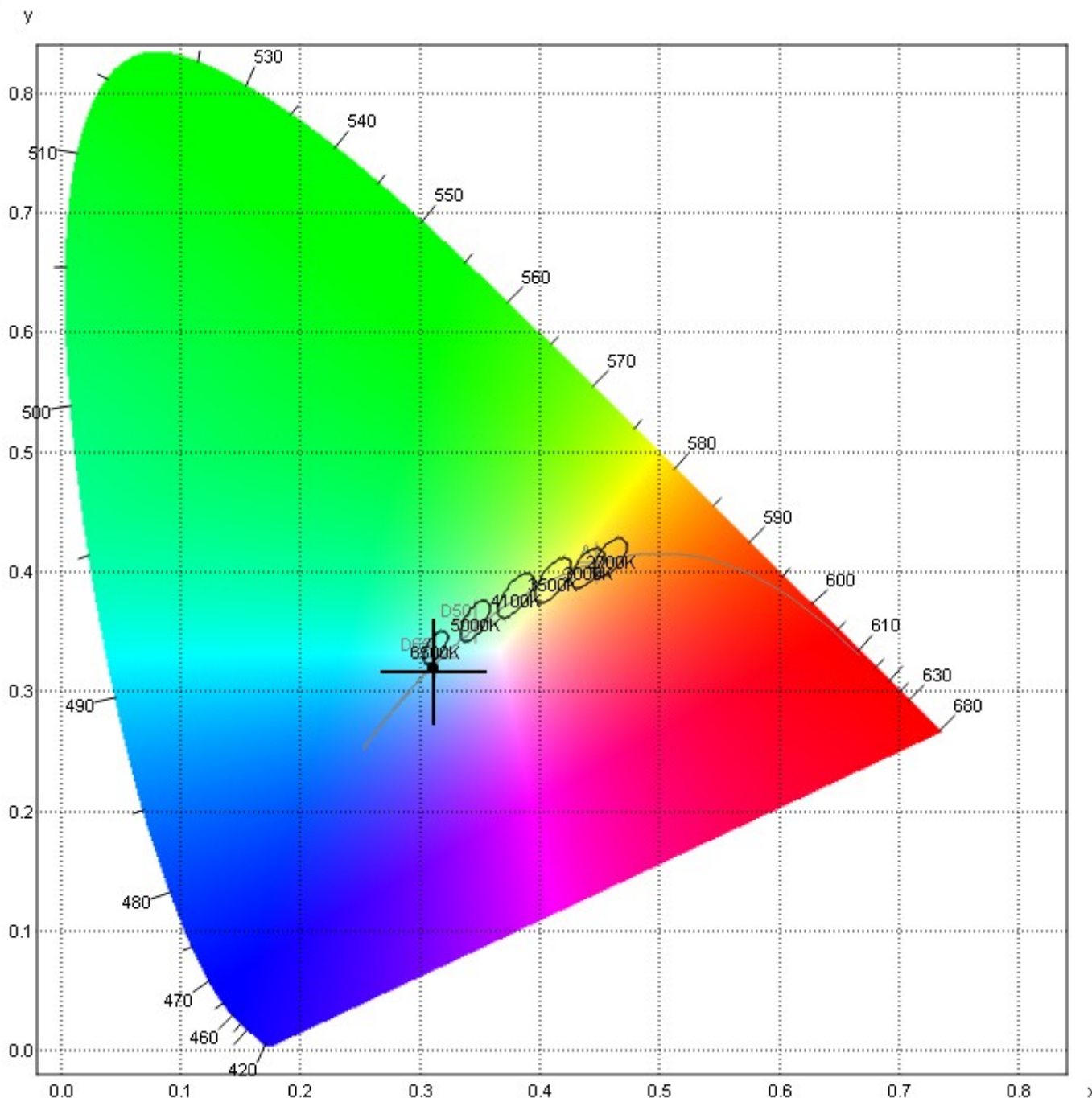
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Beam cone

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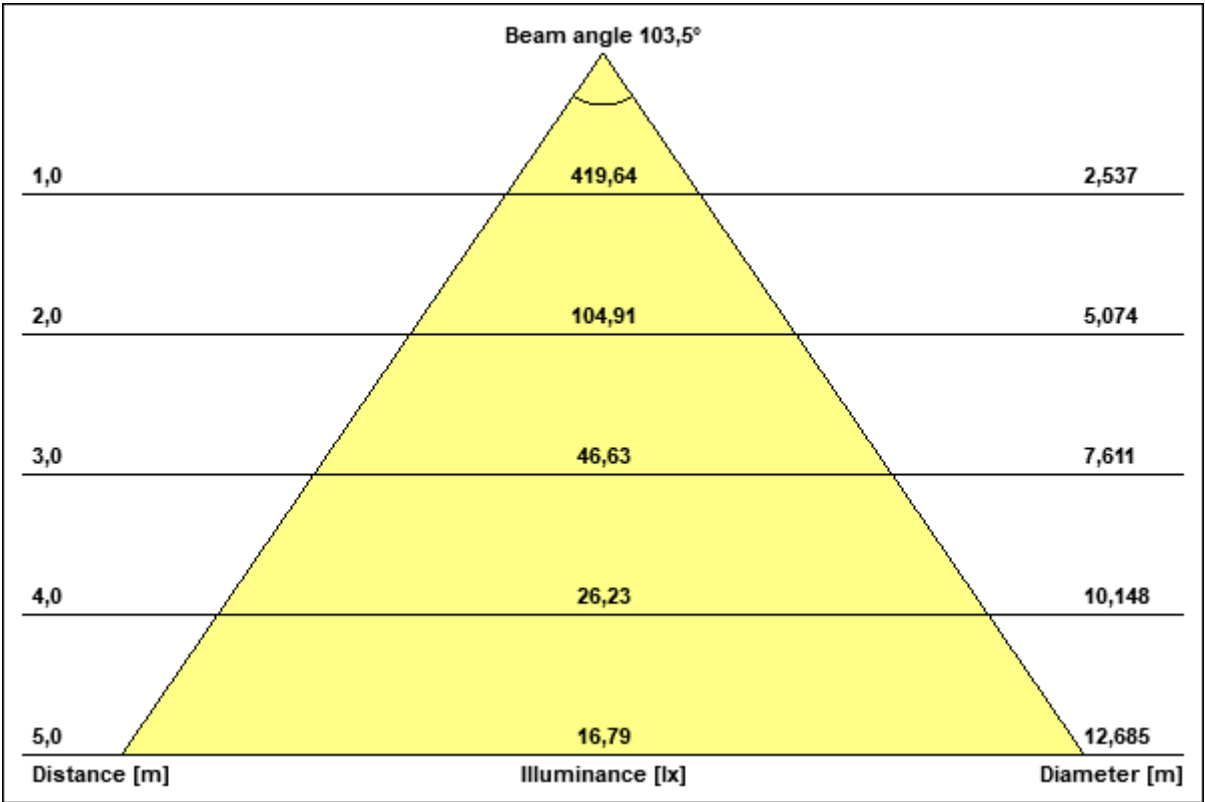
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Stabilization

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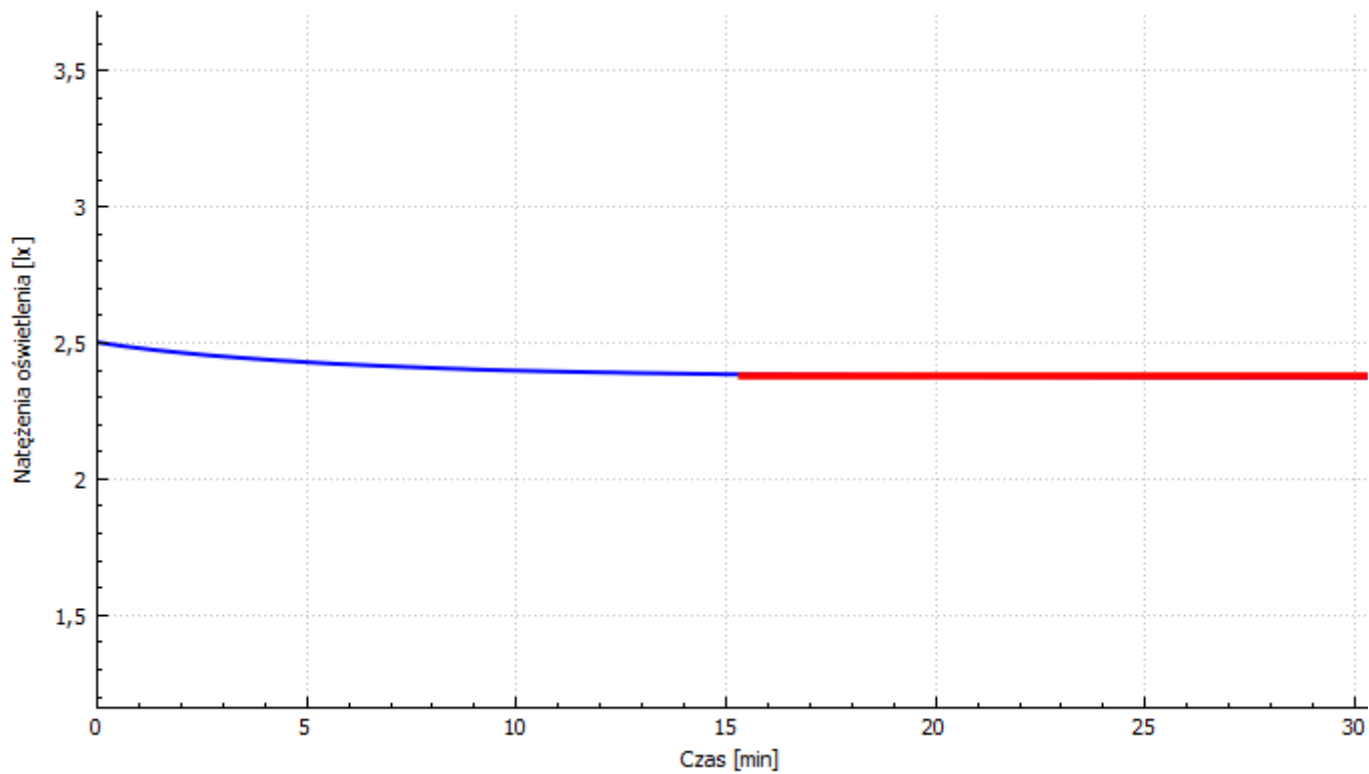
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3D Chart

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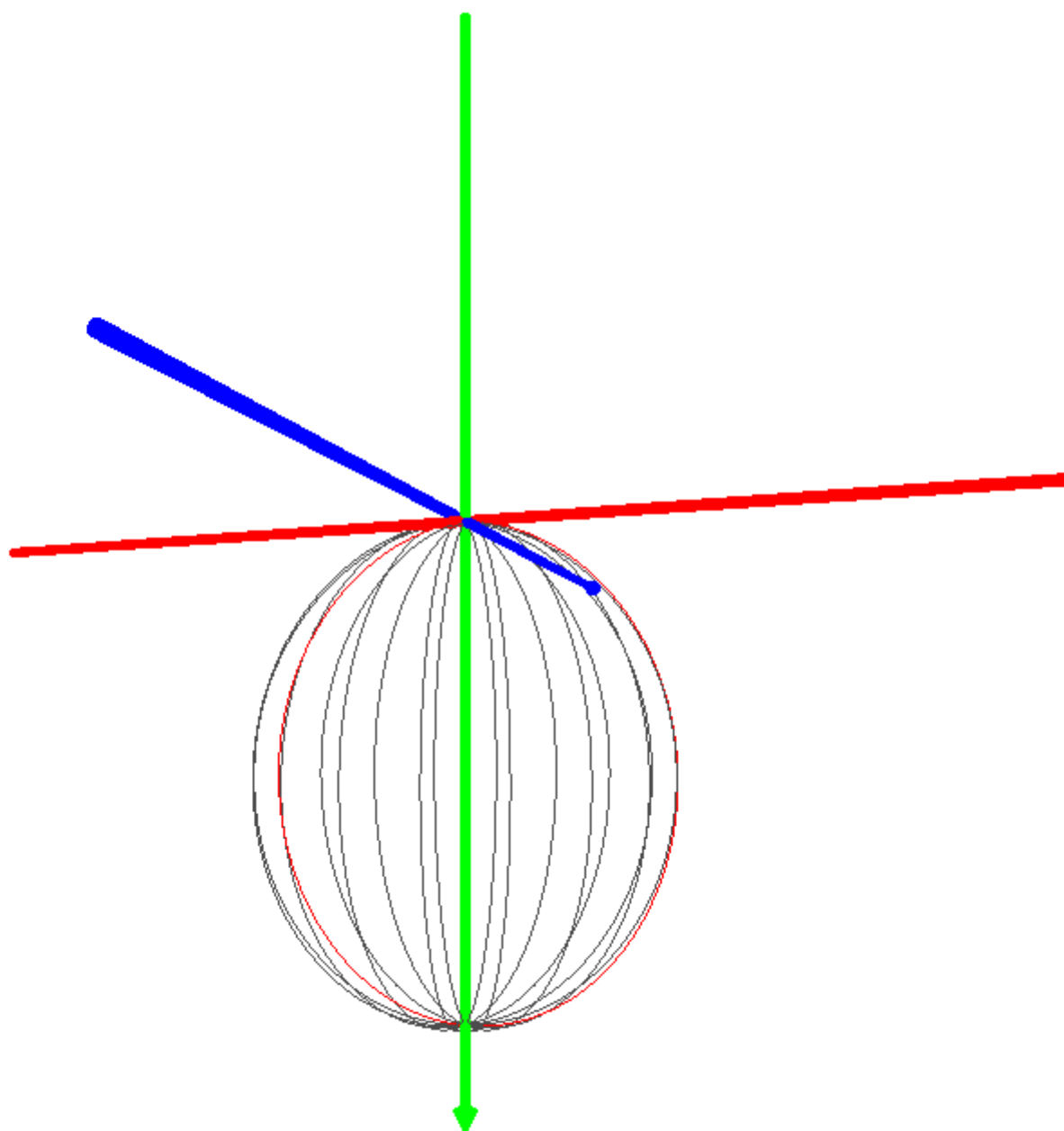
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

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			P(%f)
0	0,00541	0,0445	0
1	100,000	100,000	100,000
2	0,00389	0,0537	1,12e-06
3	0,00488	8,046	-0,000165
4	0,00223	0,0846	-8,35e-07
5	0,0112	14,559	0,00214
6	0	0,0373	8,76e-07
7	0,0051	5,793	0,000449
8	0	0,039	0
9	0,00613	6,706	0,000331
10	0	0,0743	0
11	0,00882	4,157	-6,58e-05
12	0	0	0
13	0,00767	3,872	1,59e-05
14	0	0,064	0
15	0,00528	4,058	0,000108
16	0	0,0269	0
17	0,00364	2,441	5,3e-05
18	0	0,0542	0
19	0,00874	4,014	0,000163
20	0	0,0398	0
21	0,00242	0,883	2,93e-05

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22	0,00101	0,0339	0
23	0,0109	3,530	-2,65e-06
24	0	0,027	0
25	0,00334	0,767	3,49e-06
26	0,000875	0,0443	0
27	0,00742	2,795	8,42e-05
28	0,000919	0,0299	0
29	0,00344	0,859	-8,74e-06
30	0	0,0746	0
31	0,00689	2,256	2,76e-05
32	0	0,0512	0
33	0,00371	1,254	1,25e-05
34	0	0,0293	0
35	0,00632	1,743	1,16e-05
36	0,00103	0,0869	2,19e-07
37	0,00737	1,542	1,81e-05
38	0,00133	0,0432	1,43e-07
39	0,00619	1,386	3,81e-05
40	0	0,059	0
41	0,00591	1,556	-2,07e-05
42	0,00125	0,0571	-2,43e-07
43	0,00529	1,233	-5,37e-06
44	0,00129	0,0305	5,12e-07
45	0,00972	1,680	5,95e-05
46	0,00136	0,0645	0
47	0,00665	1,161	1,98e-05
48	0,00161	0,092	-3,67e-08
49	0,00901	1,618	3,32e-05
50	0,000849	0,0731	2,1e-07

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