

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa Dali Saga CCT Dimm 24W*
Item No: *AZ6285_6000*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6285_6000*
LuminaireName: *Alfa DALI Saga CCT DIMM 24W*
LuminaireNumber: *AZ6285*
FileName: *AZ6285_6000.ldt*
Date: *2024-08-20*

Dimensions of luminaire

Length: *435 mm*
Width: *24 mm*
Height: *52 mm*

Dimensions of luminous area

Length: *431 mm*
Width: *20 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: *1127,08 lm*
Color temperatur: *6886 K*
Color rendering index: *94,35*
Wattage including ballast: *28,43 W*

Utilization factors:

$k = 0.60$	<i>0,318</i>
$k = 0.80$	<i>0,403</i>
$k = 1.00$	<i>0,478</i>
$k = 1.25$	<i>0,552</i>
$k = 1.50$	<i>0,608</i>
$k = 2.00$	<i>0,695</i>
$k = 2.50$	<i>0,742</i>
$k = 3.00$	<i>0,779</i>
$k = 4.00$	<i>0,828</i>
$k = 5.00$	<i>0,859</i>

Electrical parameters

U	<i>= 229,612 V</i>
I	<i>= 0,182 A</i>
P	<i>= 28,434 W</i>
Power factor	<i>= 0,680</i>

Power apparent	<i>= 41,788 VA</i>
Power Reactive	<i>= -30,620 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 20,155 %</i>

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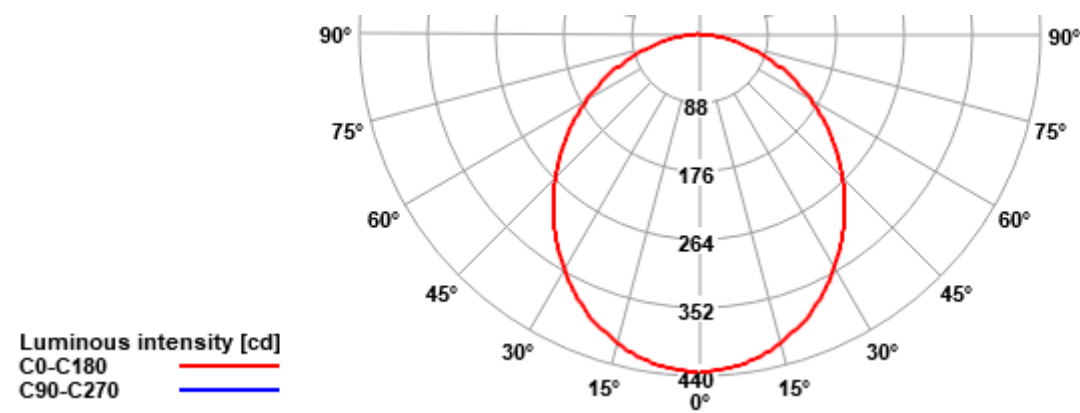
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1127,08 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	435,56 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	39,64 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3085
y	0,3154
Angular Colour Uniformity	0,0036

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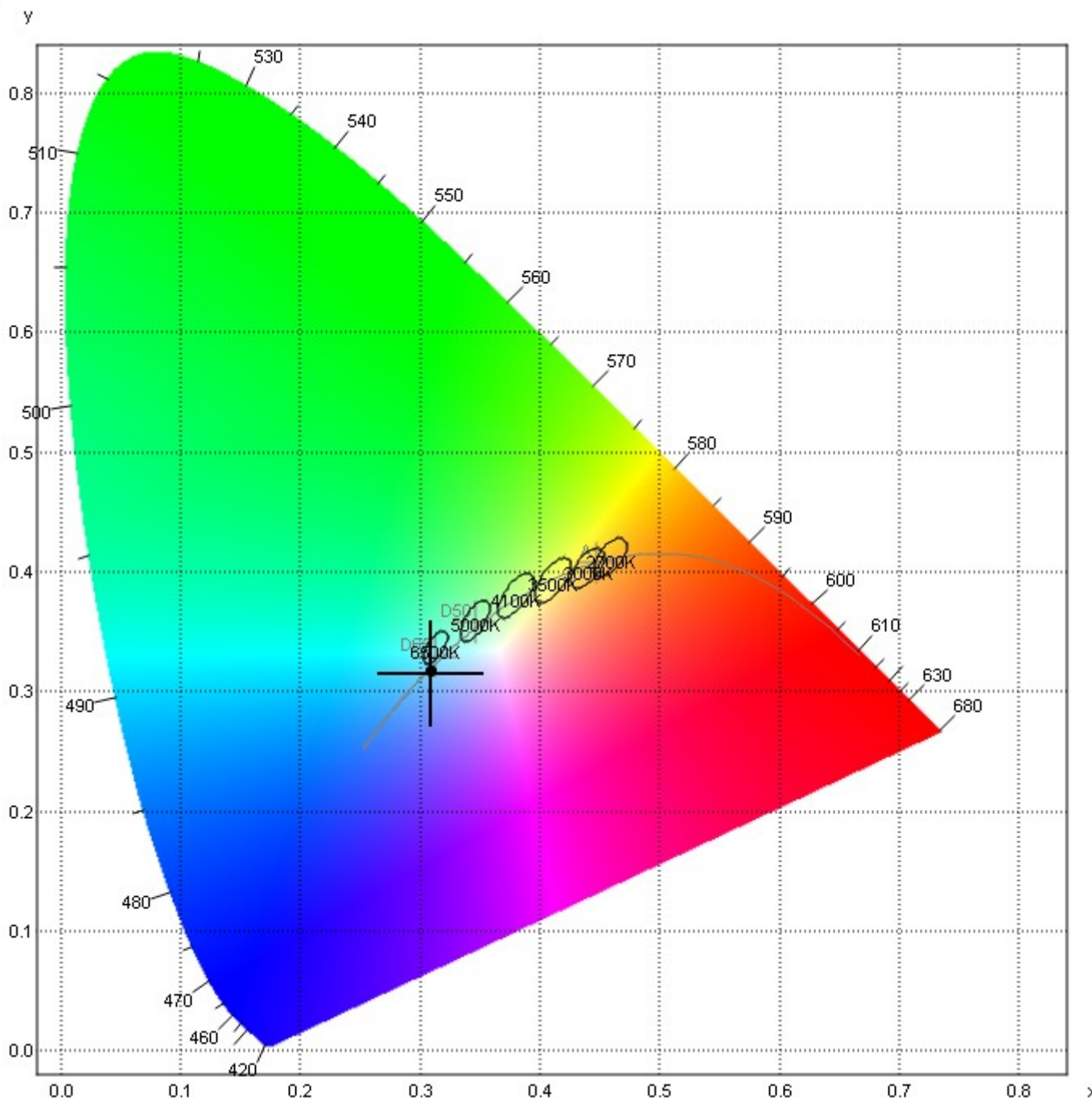
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Beam cone

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Stabilization

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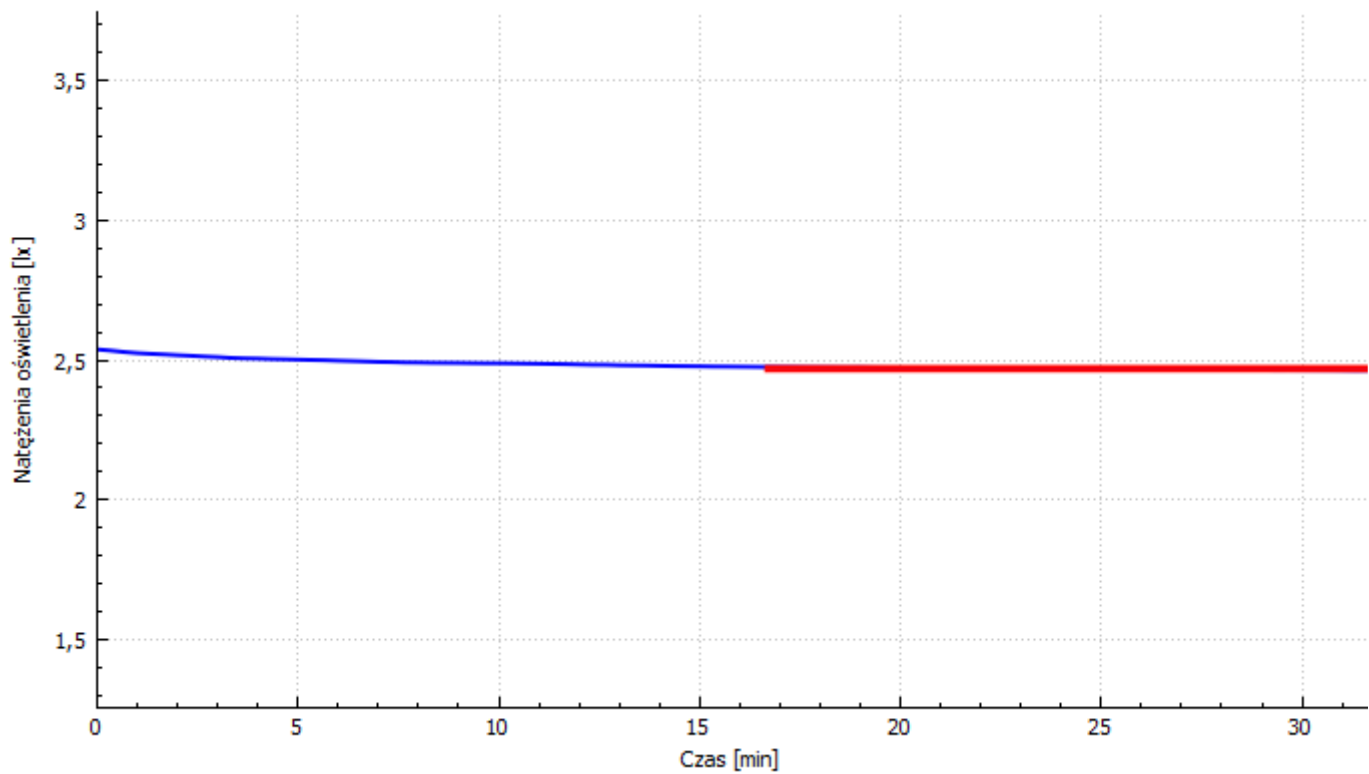
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3D Chart

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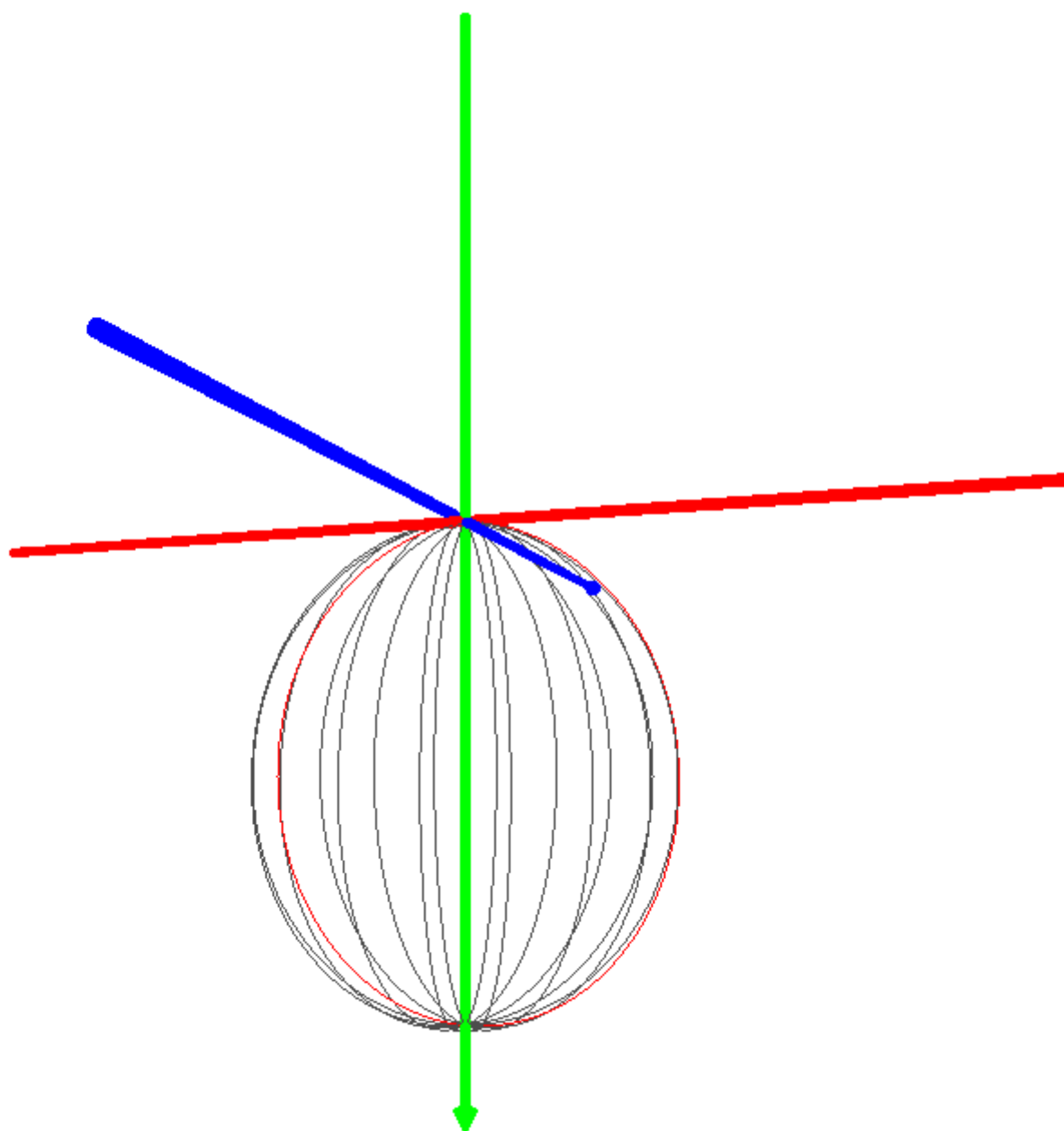
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0,0128	0	7,18e-06
1	100,000	100,000	100,000
2	0,00508	0,0478	3,12e-06
3	0,00375	7,176	-0,000251
4	0,00258	0,0486	6,54e-07
5	0,0102	13,500	0,00151
6	0,00099	0,0311	0
7	0,00647	5,979	0,000485
8	0	0,0334	4,61e-07
9	0,00539	6,014	0,000187
10	0	0,0361	0
11	0,0078	3,762	-0,000105
12	0	0	0
13	0,00614	3,484	-2,62e-05
14	0	0	0
15	0,00535	3,644	9,19e-05
16	0	0,0259	0
17	0,00429	2,796	4,92e-05
18	0	0	0
19	0,00812	3,492	0,000115
20	0	0,0287	0
21	0,00434	1,147	6,38e-05

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22	0	0,034	-1,37e-08
23	0,00954	3,052	-2,83e-05
24	0	0,0335	0
25	0,00213	0,451	-8,29e-06
26	0,00112	0,0367	0
27	0,00766	2,527	0,000107
28	0	0,0357	0
29	0	0,443	0
30	0	0,0445	0
31	0,00756	2,329	2,36e-05
32	0	0,0393	0
33	0,00324	0,818	1,58e-05
34	0,00122	0	0
35	0,0084	2,200	3,32e-05
36	0,0012	0,0398	4,54e-07
37	0,00695	1,389	5,45e-06
38	0	0,0551	0
39	0,00911	1,703	3,8e-05
40	0	0,0278	0
41	0,00438	1,451	-1,9e-05
42	0,00112	0,0392	8,59e-07
43	0,00468	1,125	-6,2e-06
44	0,00125	0,0369	2,83e-07
45	0,00914	1,415	4,71e-05
46	0	0,0681	0
47	0,00698	1,044	1,01e-05
48	0,00125	0,0509	-8,83e-08
49	0,00748	1,418	1,11e-05
50	0,00118	0,0603	5,83e-07

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