

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_3000*
LuminaireName: *Alfa DALI Saga CCT DIMM 24W*
LuminaireNumber: *AZ6285*
FileName: *AZ6285_3000.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: *970,96 lm*
Color temperatur: *2881 K*
Color rendering index: *91,82*
Wattage including ballast: *27,87 W*

Utilization factors:

$k = 0.60$	<i>0,318</i>
$k = 0.80$	<i>0,403</i>
$k = 1.00$	<i>0,479</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>= 229,628 V</i>
I	<i>= 0,180 A</i>
P	<i>= 27,868 W</i>
Power factor	<i>= 0,675</i>

Power apparent	<i>= 41,270 VA</i>
Power Reactive	<i>= -23,689 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 20,603 %</i>

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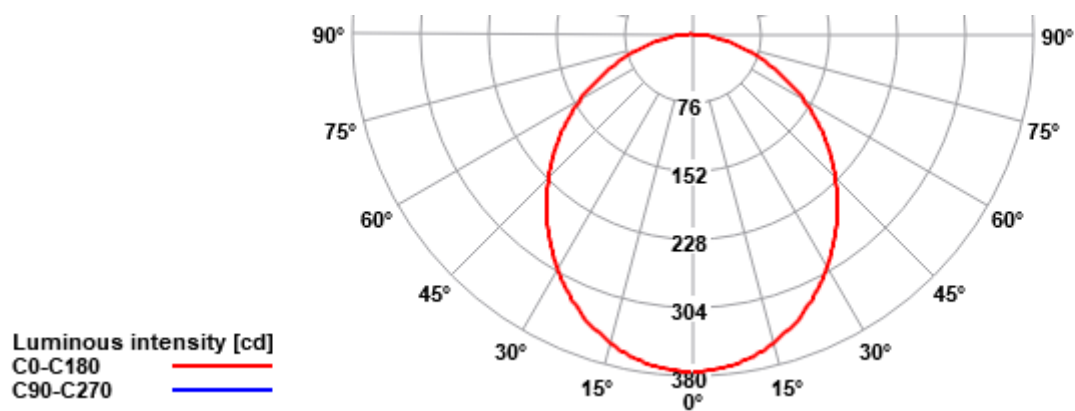
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	970,96 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	376,08 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	34,84 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4428
y	0,4013
Angular Colour Uniformity	0,0030

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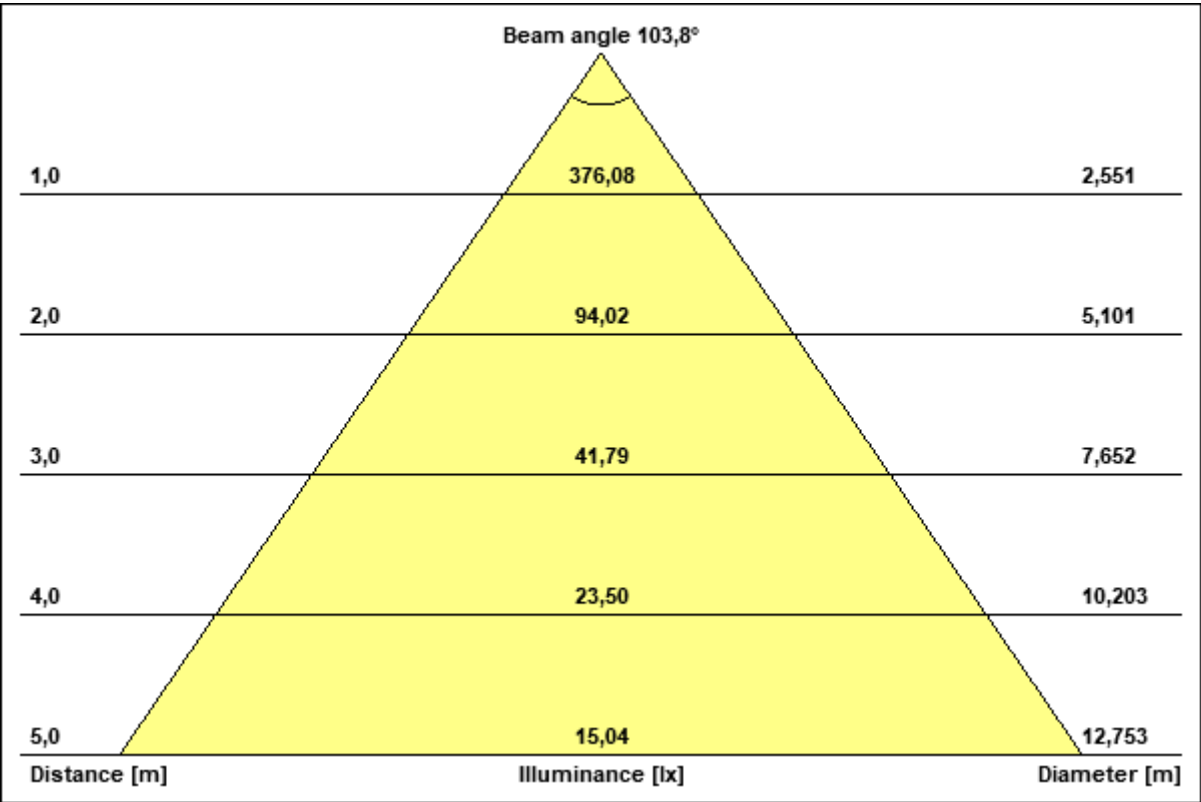
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Stabilization

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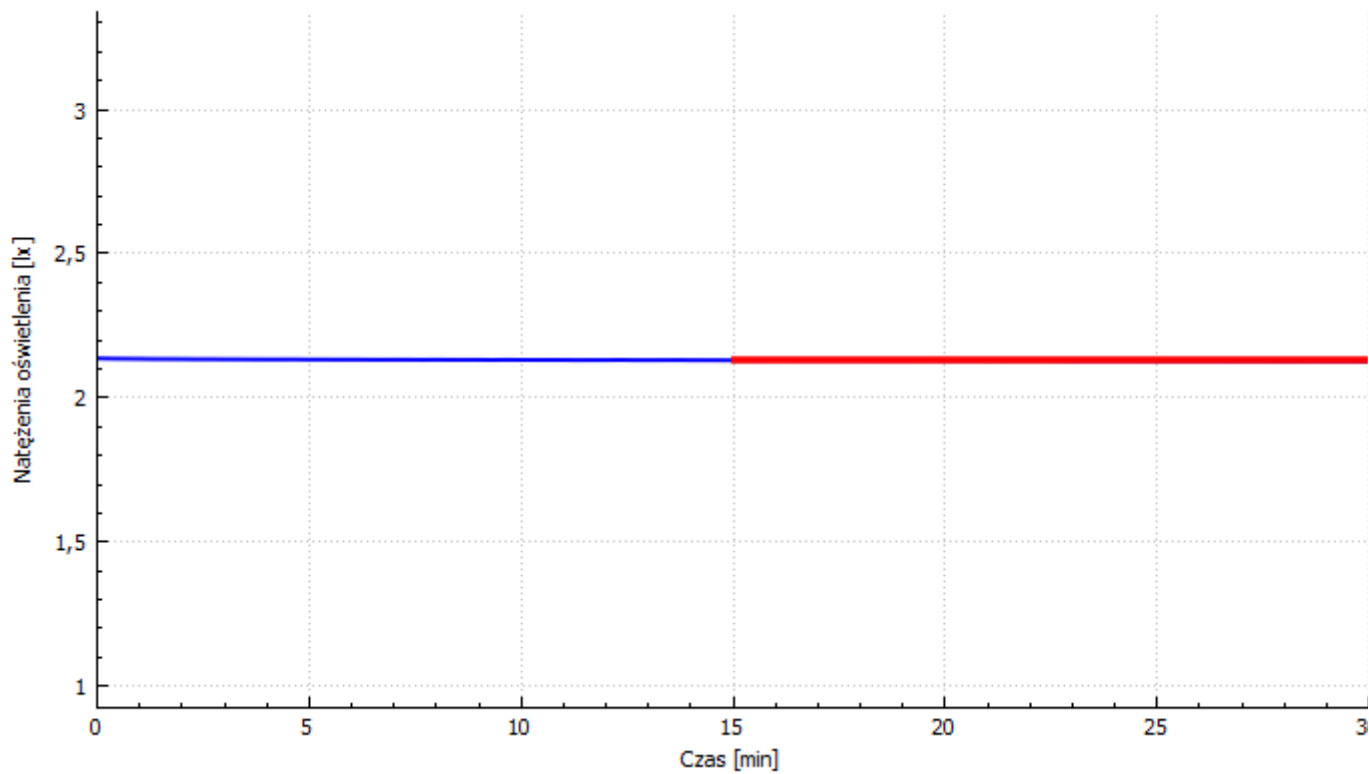
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3D Chart

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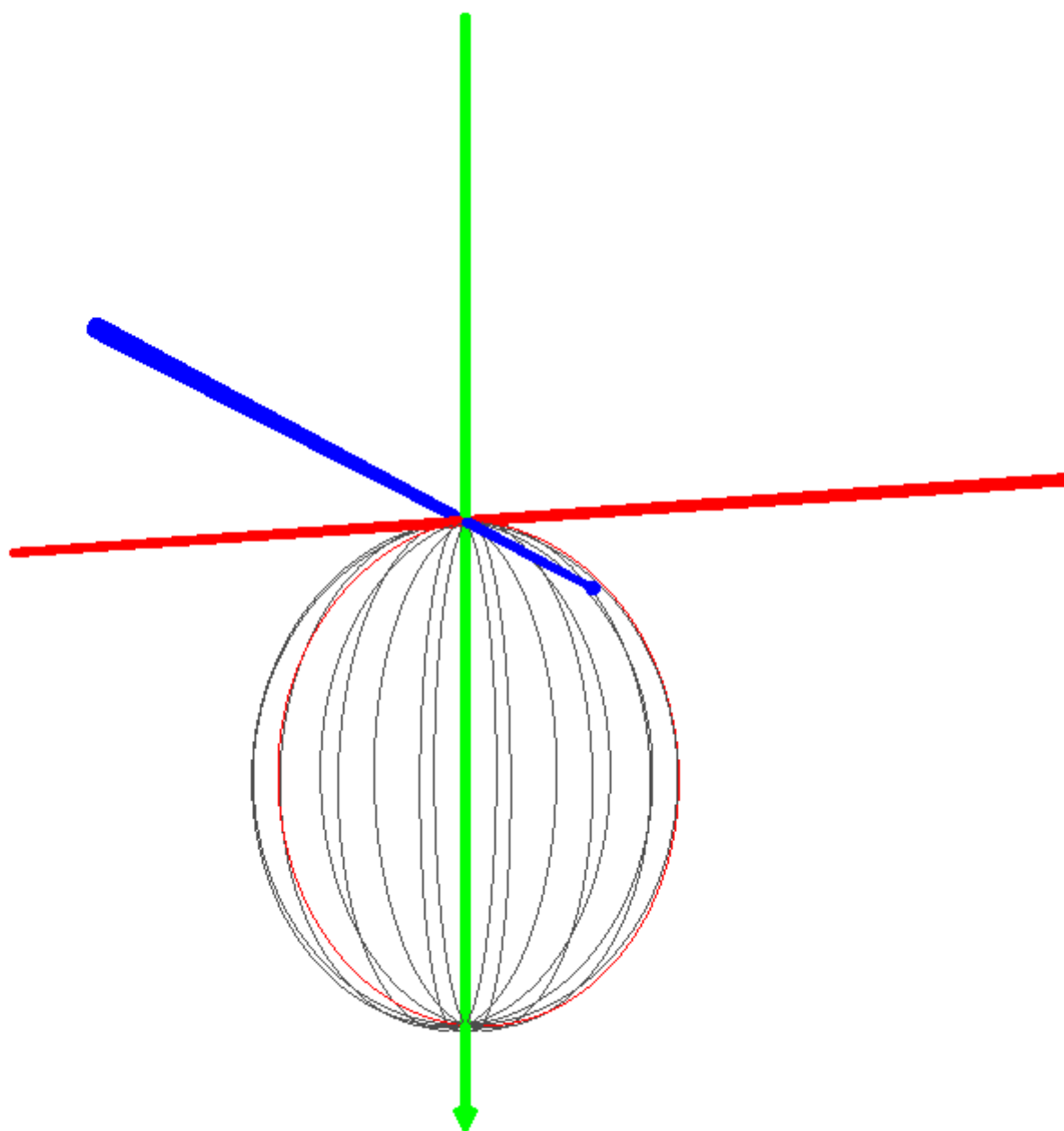
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0,0154	0,0405	0
1	100,000	100,000	100,000
2	0,00525	0,0734	4,04e-07
3	0,00388	7,467	-4,74e-06
4	0,00231	0,0334	-6,99e-07
5	0,0113	13,813	0,00205
6	0,000845	0	2,39e-07
7	0,00656	5,951	0,000548
8	0	0,0275	-7,12e-08
9	0,00563	6,102	0,000294
10	0	0,0404	0
11	0,00761	3,807	-6,55e-05
12	0	0,0505	0
13	0,00606	3,358	2,14e-07
14	0	0,0271	0
15	0,00497	3,946	9,41e-05
16	0	0,0359	0
17	0,00409	2,647	9e-05
18	0	0,0301	0
19	0,00785	3,487	0,00011
20	0	0,0551	0
21	0,00359	1,284	5,33e-05

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22	0	0,0292	0
23	0,0101	3,246	-4,77e-05
24	0	0,032	0
25	0,00218	0,355	-1,07e-06
26	0	0,0352	0
27	0,00672	2,549	9,27e-05
28	0,00102	0,0268	0
29	0,00141	0,417	-5,96e-06
30	0	0,0325	0
31	0,00766	2,220	2,32e-05
32	0	0,0341	0
33	0,00236	0,948	1,67e-05
34	0	0	0
35	0,00778	1,976	1,23e-05
36	0	0,0355	4,15e-08
37	0,00655	1,453	7,6e-06
38	0,00106	0,0516	2,6e-07
39	0,00855	1,705	3,57e-05
40	0	0	0
41	0,00468	1,514	-5,99e-06
42	0,00116	0,03	0
43	0,00622	1,194	-5,17e-06
44	0,00102	0,055	-1,91e-07
45	0,00919	1,605	2,85e-05
46	0	0,0362	0
47	0,00592	0,993	1,07e-05
48	0,00142	0,0488	-6,39e-07
49	0,00892	1,440	1,02e-05
50	0,0013	0,0349	1,5e-08

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