

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

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

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6288_3000*
LuminaireName: *Alfa DALI Saga Corner A 24W CCT DIMM*
LuminaireNumber: *AZ6288*
FileName: *AZ6288_3000.ldt*
Date: *2024-10-02*

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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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

Type of lamps: *LED*
Total luminous flux: *1076,59 lm*
Color temperatur: *3931 K*
Color rendering index: *94,56*
Wattage including ballast: *26,88 W*

Utilization factors:

$k = 0.60$	<i>0,318</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>0,607</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

U	<i>= 229,644 V</i>
I	<i>= 0,176 A</i>
P	<i>= 26,882 W</i>
Power factor	<i>= 0,664</i>

Power apparent	<i>= 40,509 VA</i>
Power Reactive	<i>= -30,299 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 21,396 %</i>

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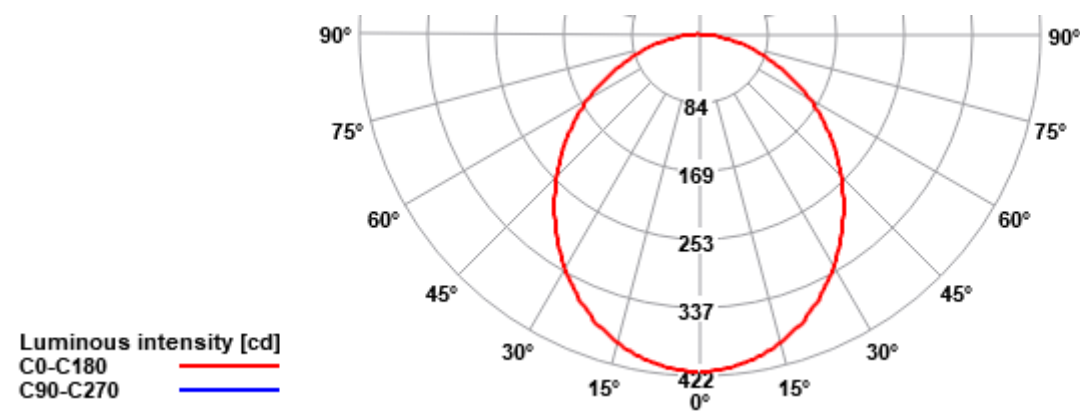
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1076,59 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	417,43 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	40,05 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3790
y	0,3629
Angular Colour Uniformity	0,0029

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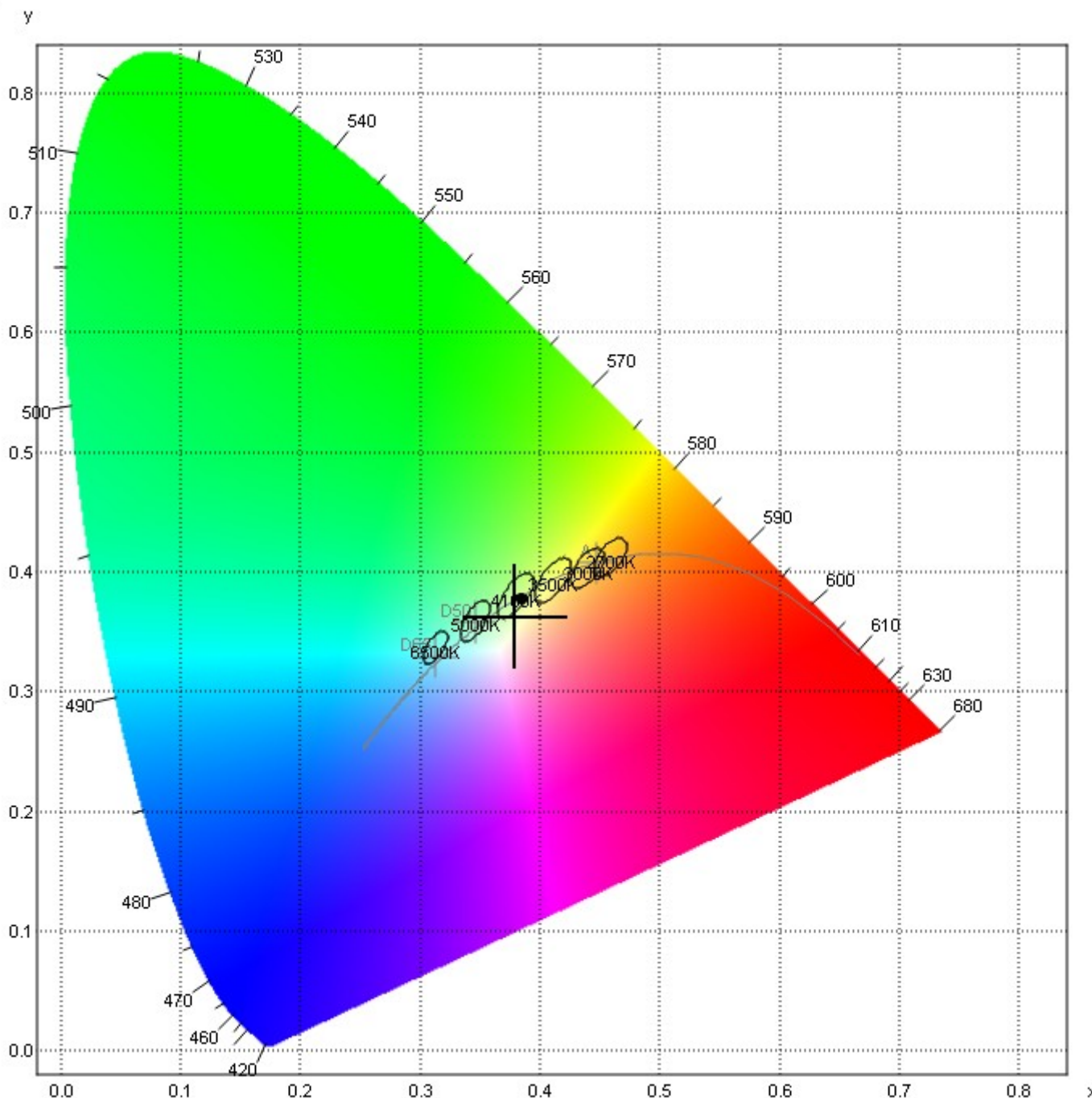
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Beam cone

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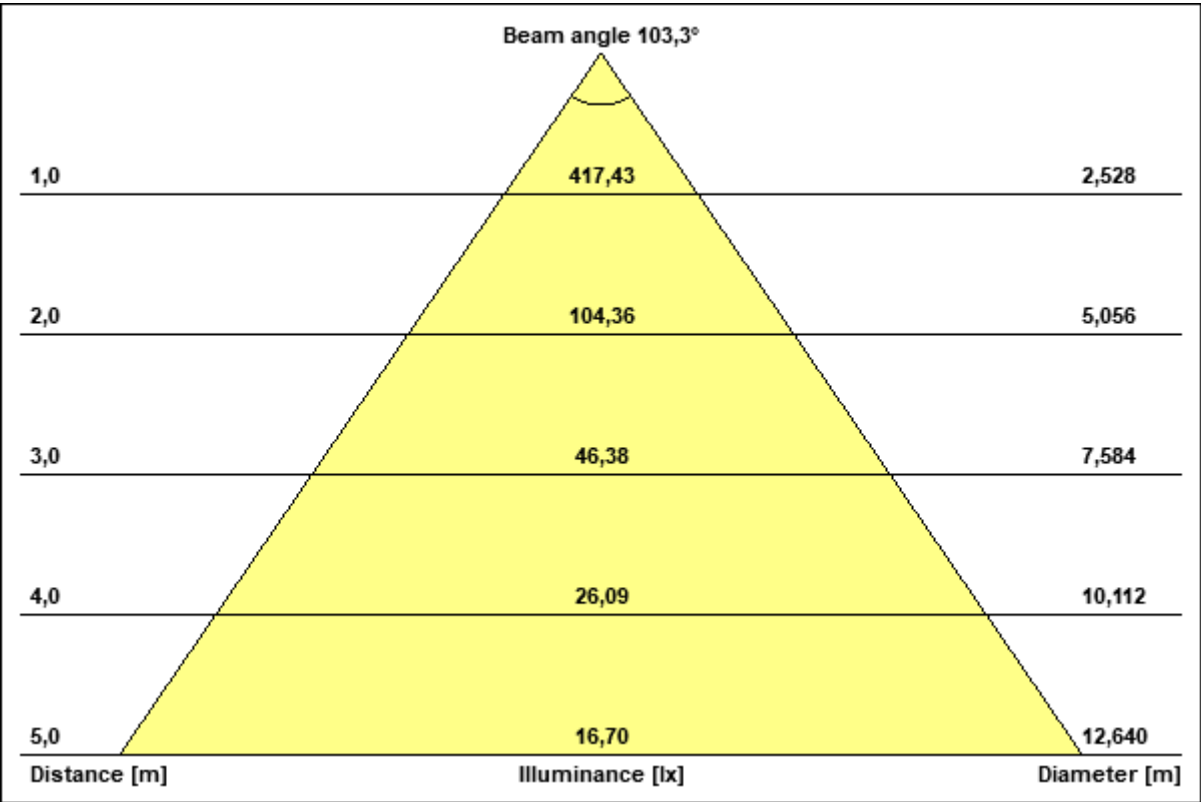
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Stabilization

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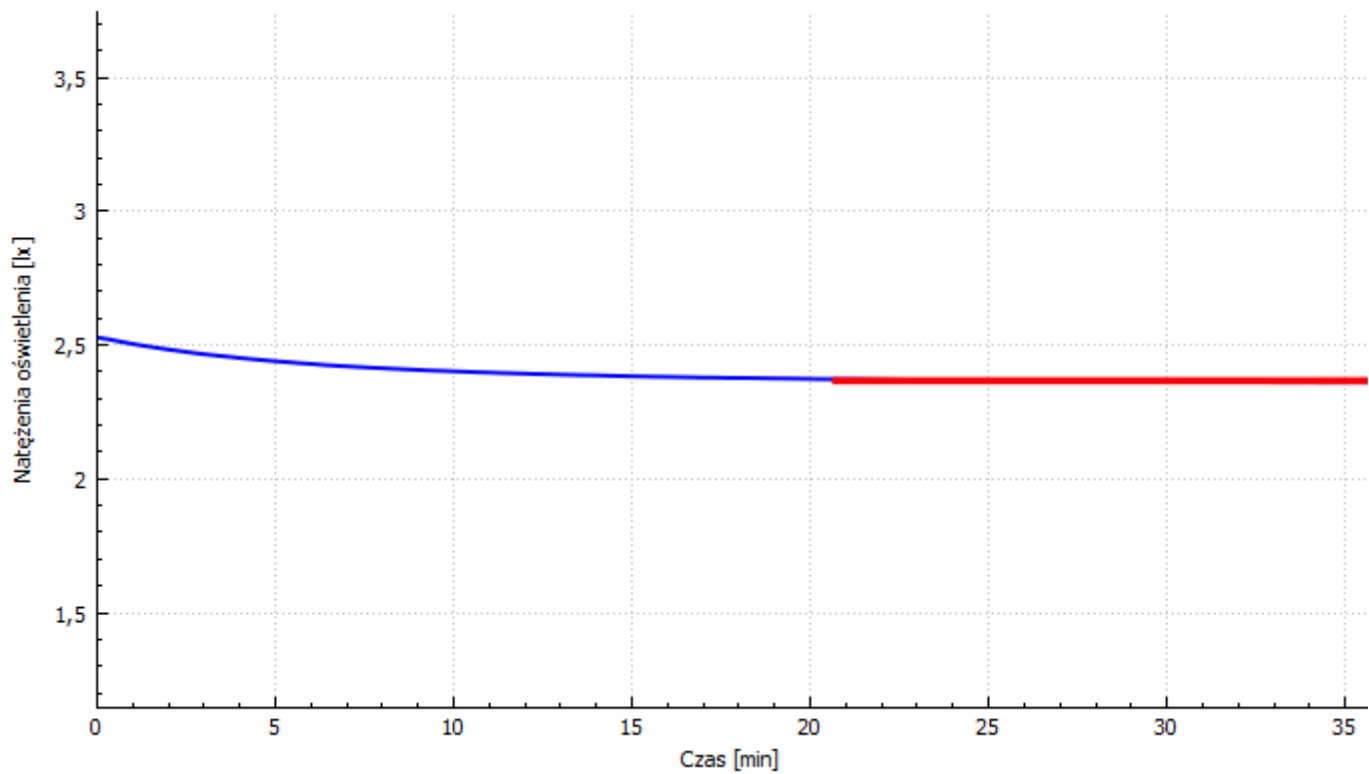
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3D Chart

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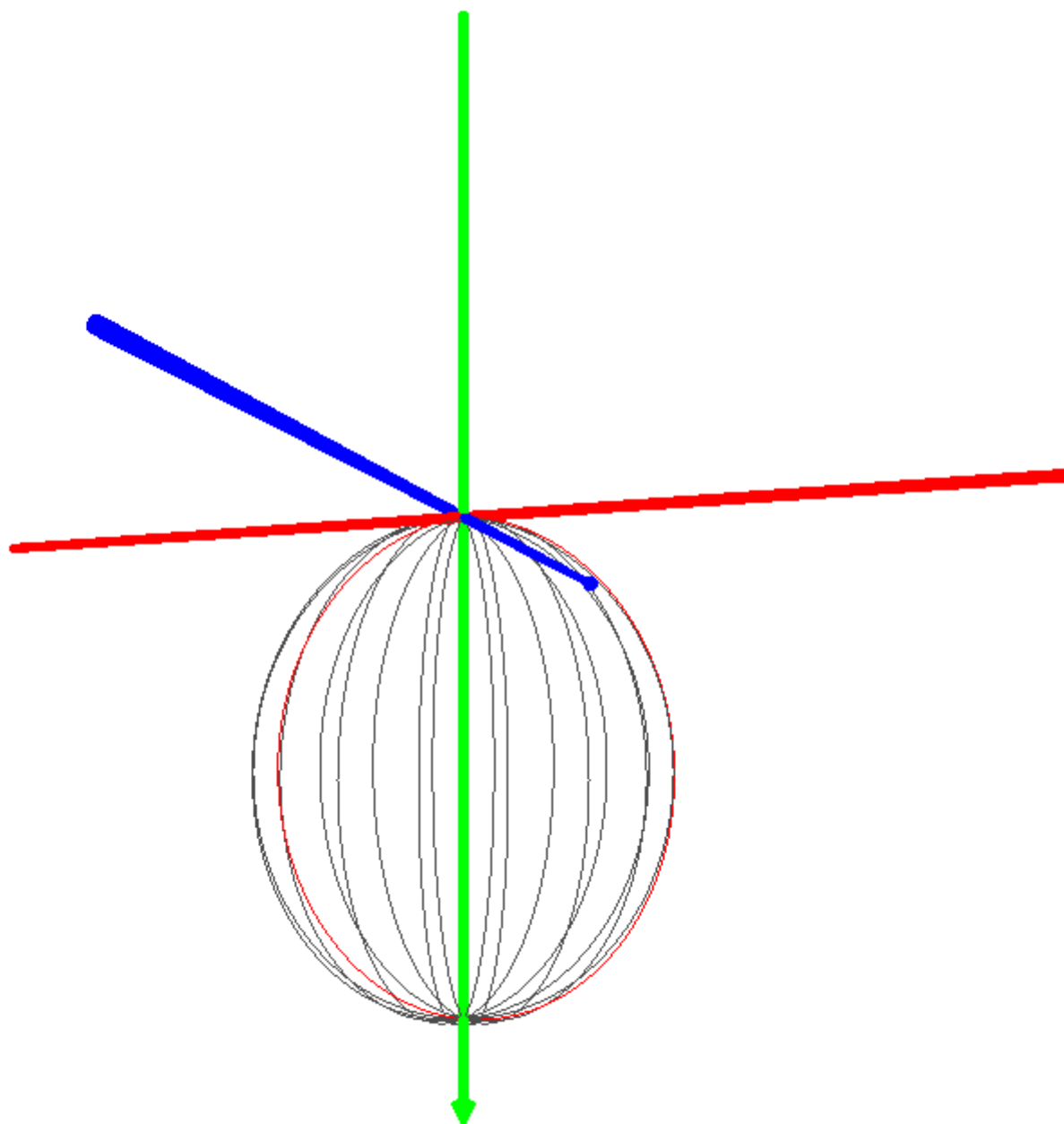
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
end
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			P(%f)
0	0,048	0,077	-7,25e-05
1	100,000	100,000	100,000
2	0,00625	0,0514	1,17e-06
3	0,00795	7,584	0,000519
4	0,0023	0,0657	0
5	0,0252	14,448	0,00479
6	0	0,0565	7,41e-07
7	0,0111	5,864	0,000936
8	0,00119	0,0292	0
9	0,0112	6,482	0,00086
10	0	0	-1,42e-07
11	0,00729	3,926	0,000111
12	0	0,0552	0
13	0,00798	3,696	0,000197
14	0	0,027	0
15	0,00755	4,137	0,000322
16	0	0,0359	0
17	0,00468	2,361	0,000125
18	0	0,026	0
19	0,0101	3,921	0,000354
20	0	0,0384	0
21	0,00479	1,204	7,32e-05

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22	0	0	0
23	0,0103	3,325	0,000115
24	0	0,035	0
25	0,00337	0,733	1,17e-05
26	0	0,0416	0
27	0,00828	2,771	0,0002
28	0	0,0267	1,86e-07
29	0,00257	0,634	-1,52e-06
30	0	0,0379	0
31	0,00768	2,217	9e-05
32	0	0,0585	0
33	0,00313	0,960	1,93e-05
34	0	0,0511	7,77e-08
35	0,00691	1,913	6,6e-05
36	0,00104	0,0526	2,77e-07
37	0,00692	1,457	3,88e-05
38	0	0,0879	0
39	0,00863	1,676	7,2e-05
40	0	0,0474	0
41	0,00514	1,590	1,25e-05
42	0	0,0403	8,42e-08
43	0,00574	1,220	9,27e-07
44	0,00122	0,0758	4,47e-07
45	0,0109	1,803	0,000108
46	0	0,0551	0
47	0,00653	1,095	3,44e-05
48	0,00195	0,0971	2,15e-07
49	0,0101	1,649	6,77e-05
50	0,00151	0,058	6,7e-07

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