

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Dali 30 3000K*

Item No: *AZ2788*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ2788*

LuminaireName: *Dali 30 3000K*

LuminaireNumber: *AZ2788*

FileName: *AZ2788.Idt*

Date: *2024-06-11*

Dimensions of luminaire

Length: *300 mm*

Width: *40 mm*

Height: *100 mm*

Dimensions of luminous area

Length: *235 mm*

Width: *35 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: *541,02 lm*
Color temperatur: *2921 K*
Color rendering index: *80,62*
Wattage including ballast: *9,09 W*

Utilization factors:

k = 0.60	<i>0,073</i>
k = 0.80	<i>0,125</i>
k = 1.00	<i>0,174</i>
k = 1.25	<i>0,230</i>
k = 1.50	<i>0,279</i>
k = 2.00	<i>0,361</i>
k = 2.50	<i>0,422</i>
k = 3.00	<i>0,472</i>
k = 4.00	<i>0,547</i>
k = 5.00	<i>0,600</i>

Electrical parameters

<i>U</i>	<i>= 229,638 V</i>
<i>I</i>	<i>= 0,050 A</i>
<i>P</i>	<i>= 9,095 W</i>
<i>Power factor</i>	<i>= 0,795</i>

<i>Power apparent</i>	<i>= 11,443 VA</i>
<i>Power Reactive</i>	<i>= -6,943 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 49,391 %</i>

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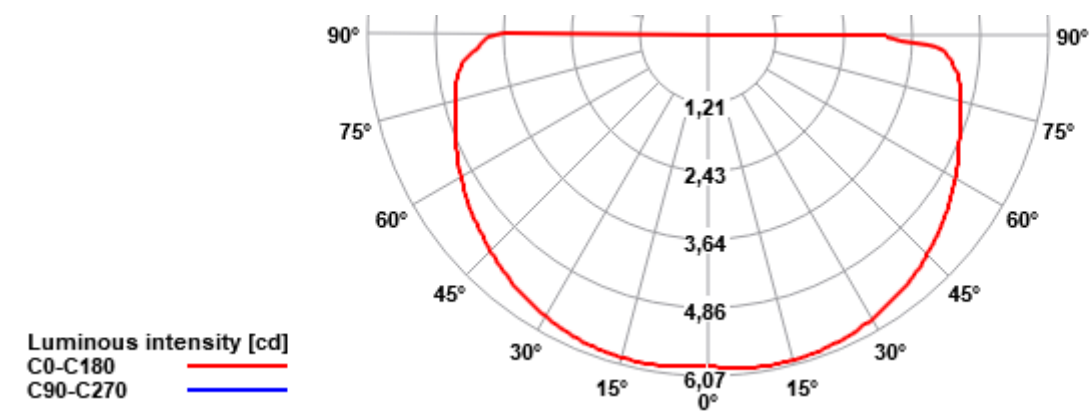
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	541,02 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	368,25 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	59,52 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4427
y	0,4061
Angular Colour Uniformity	0,0013

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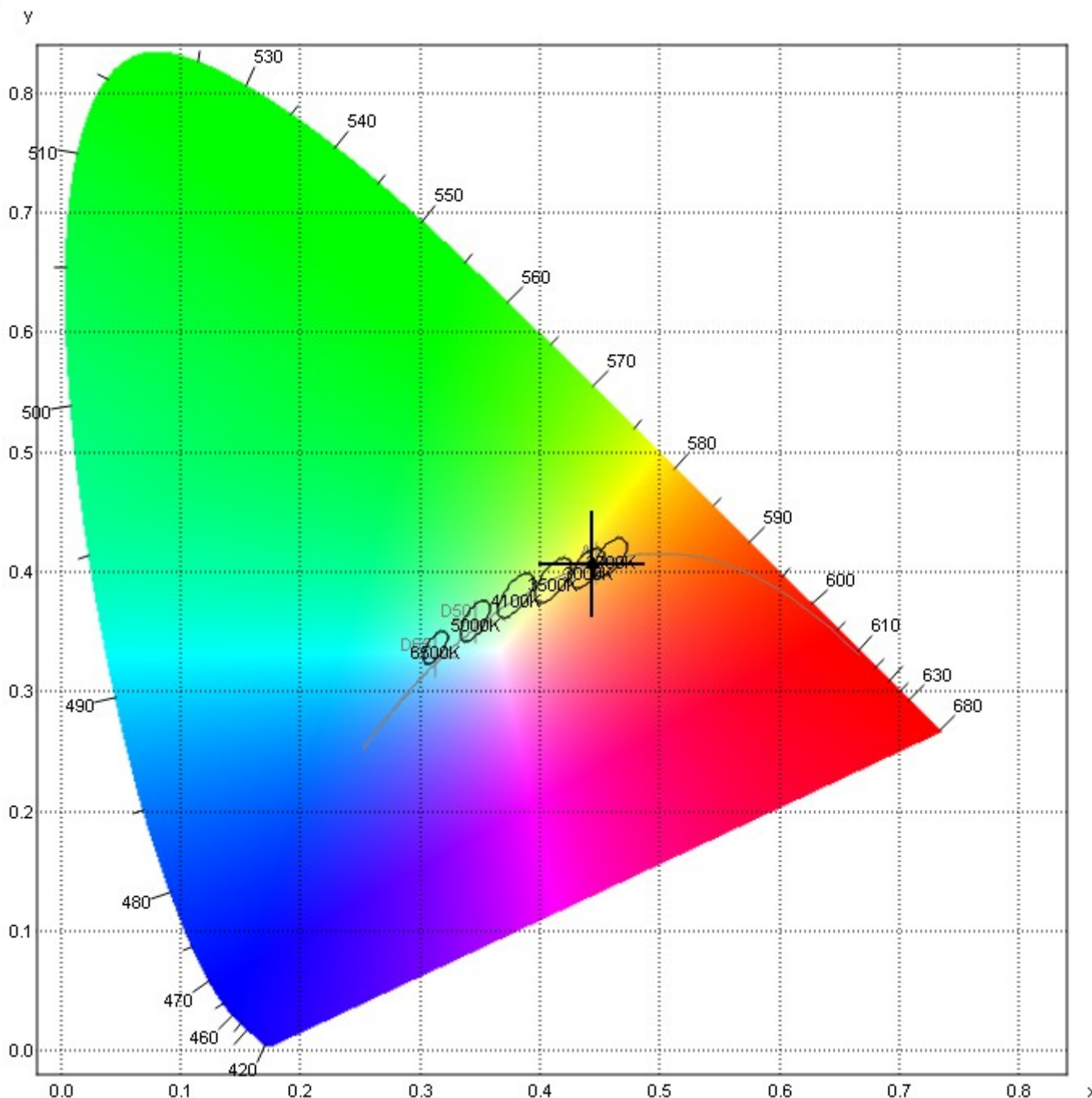
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Beam cone

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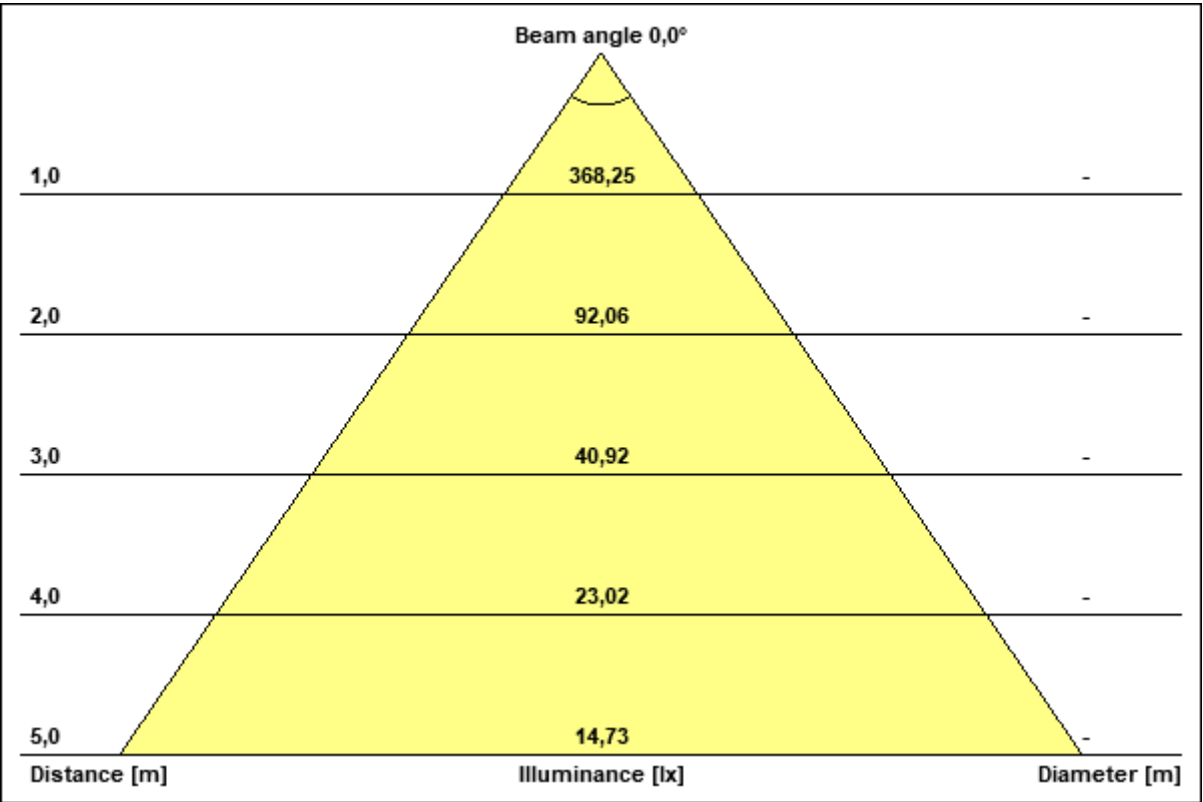
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Stabilization

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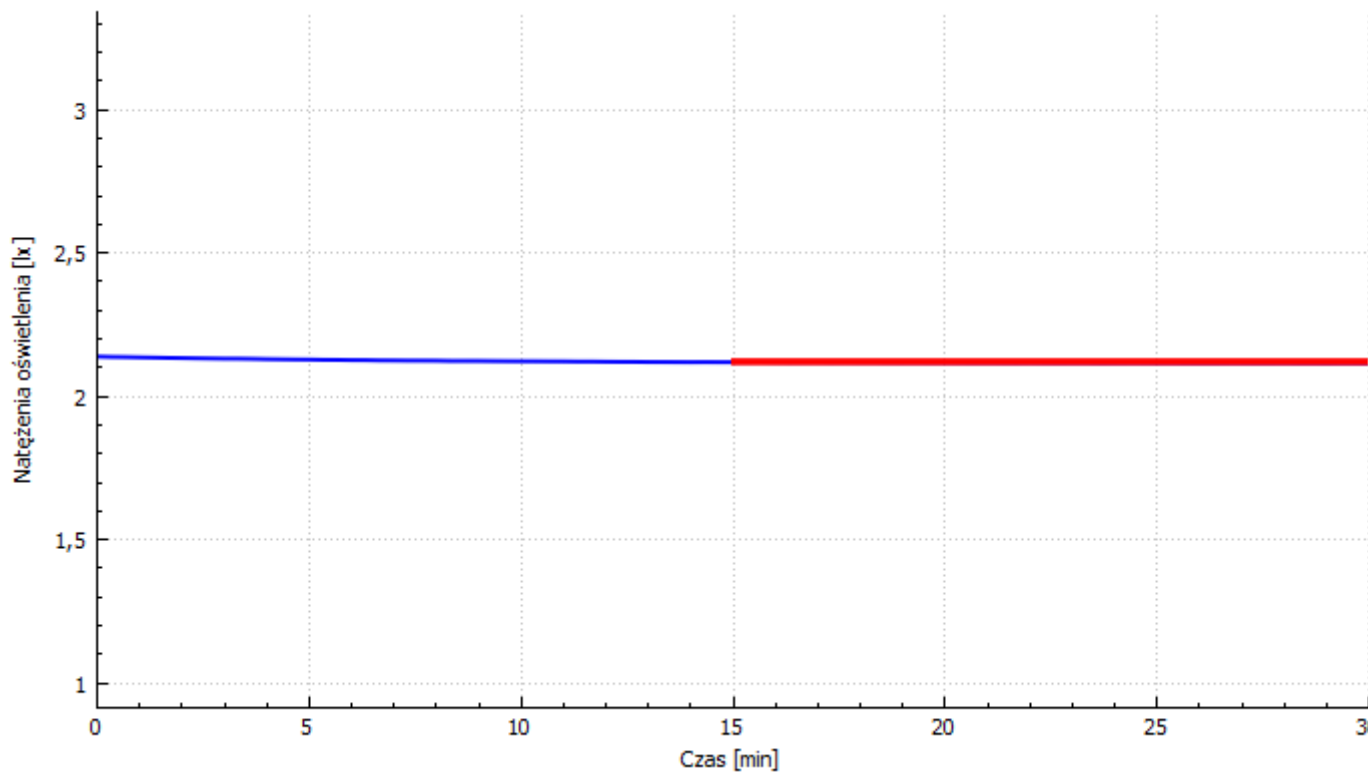
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3D Chart

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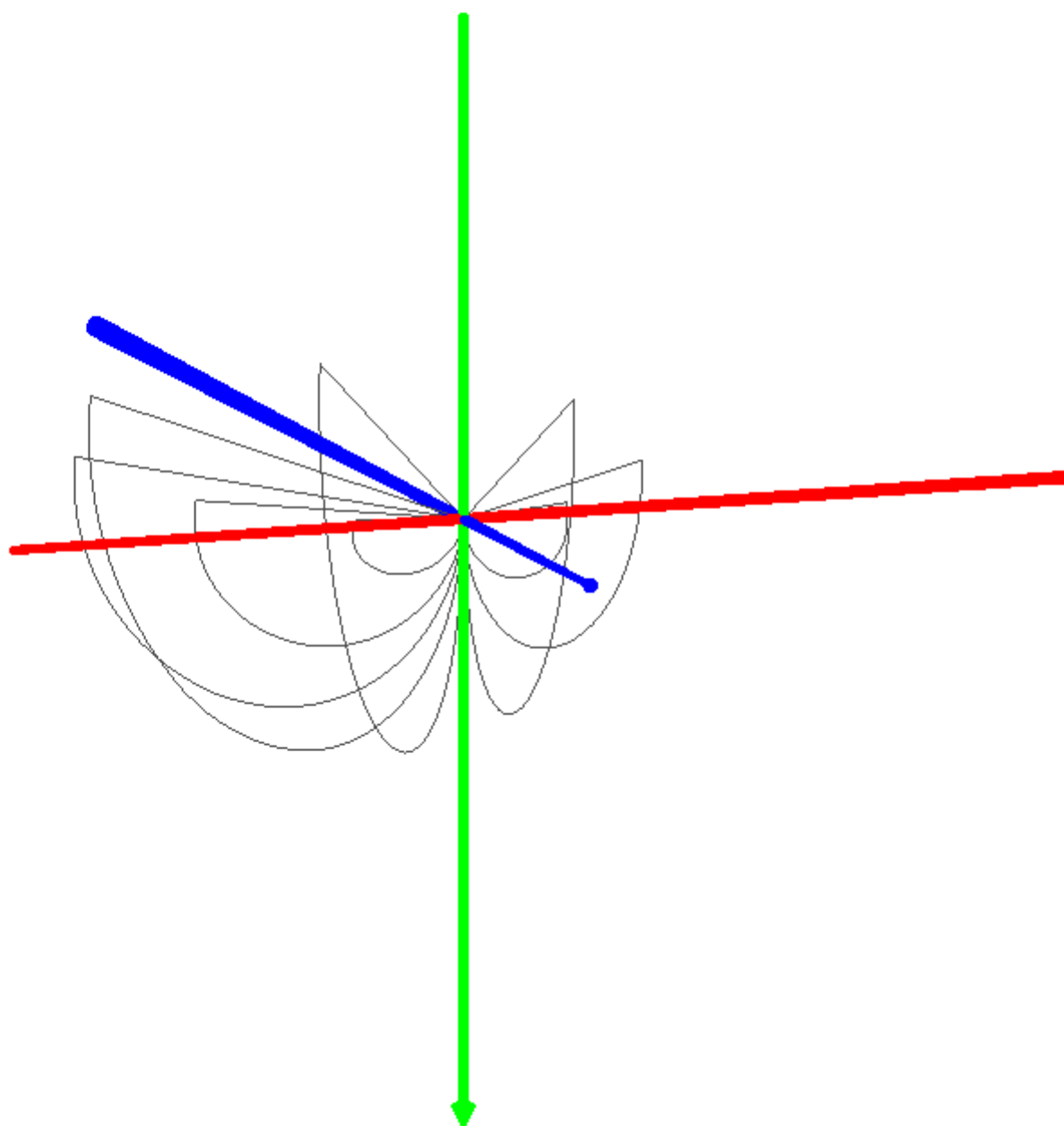
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

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			P(%f)
0	0,003	0,0359	-2,07e-08
1	100,000	100,000	100,000
2	0,00662	0	0
3	0,0034	29,482	-0,00146
4	0,00286	0,0264	0
5	0,00974	21,802	-0,000171
6	0,00173	0	0
7	0,00174	12,196	-0,000159
8	0,00114	0,0279	-2,05e-07
9	0,00517	17,741	0,000464
10	0	0	0
11	0	11,974	0
12	0,00118	0,0262	-1,86e-07
13	0,0058	13,827	-0,000119
14	0	0	0
15	0,00121	3,147	8e-06
16	0	0	0
17	0,00484	3,716	-7,36e-06
18	0	0	0
19	0,00283	5,277	-4,65e-05
20	0	0,0325	0
21	0,00476	8,348	8,49e-05

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22	0	0	0
23	0,00215	4,827	9,39e-05
24	0	0	0
25	0,00569	6,852	1,37e-05
26	0	0,0317	0
27	0,00332	1,278	2,98e-05
28	0	0,0273	0
29	0,00394	2,498	2,91e-05
30	0	0	0
31	0,00164	2,870	-6,8e-07
32	0	0	0
33	0,00681	5,843	5,51e-05
34	0	0	0
35	0,00242	2,995	4,8e-05
36	0	0	0
37	0,00451	3,378	-3,85e-05
38	0	0	0
39	0,00259	1,073	5,14e-06
40	0	0	0
41	0,00415	2,469	-2,37e-05
42	0	0	0
43	0,00116	1,824	1,37e-06
44	0	0	0
45	0,00655	4,105	-7,59e-05
46	0	0,0259	0
47	0,0038	2,167	6,79e-06
48	0	0	0
49	0,00212	1,250	-6,3e-06
50	0	0	0

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