

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Dali 30 4000K*

Item No: *AZ2789*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ2789*

LuminaireName: *Dali 30 4000K*

LuminaireNumber: *AZ2789*

FileName: *AZ2789.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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PLN: IBAN 78 1750 0012 0000 0000 2709 9432

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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: *503,29 lm*
Color temperatur: *3980 K*
Color rendering index: *93,23*
Wattage including ballast: *8,84 W*

Utilization factors:

k = 0.60	<i>0,074</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>0,601</i>

Electrical parameters

<i>U</i>	<i>= 229,659 V</i>
<i>I</i>	<i>= 0,049 A</i>
<i>P</i>	<i>= 8,839 W</i>
<i>Power factor</i>	<i>= 0,790</i>

<i>Power apparent</i>	<i>= 11,189 VA</i>
<i>Power Reactive</i>	<i>= -6,861 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 49,844 %</i>

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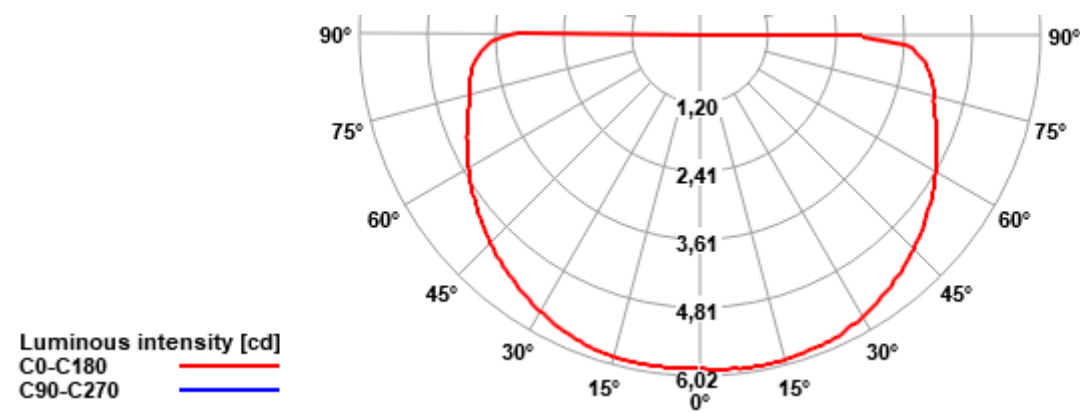
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	503,29 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	345,72 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	56,93 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3821
y	0,3800
Angular Colour Uniformity	0,0020

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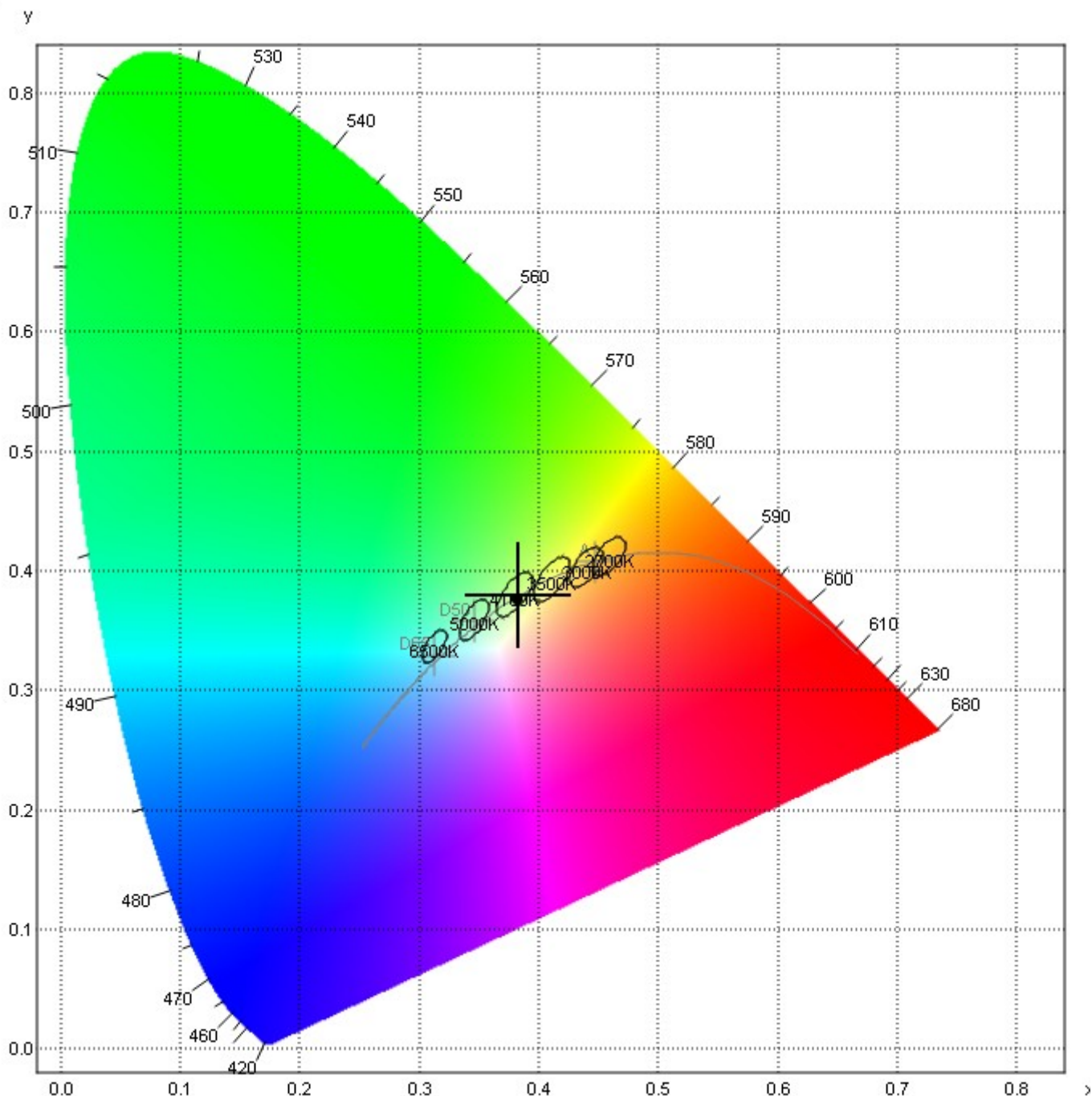
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Beam cone

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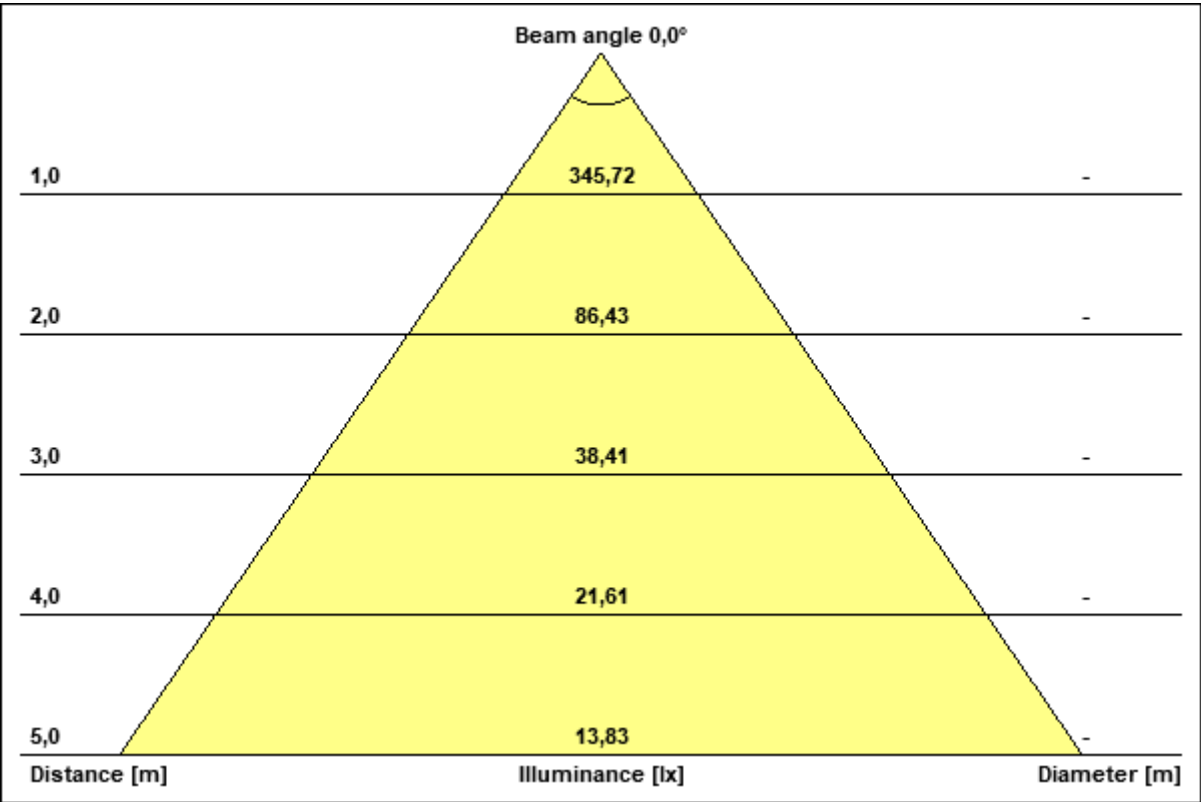
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Stabilization

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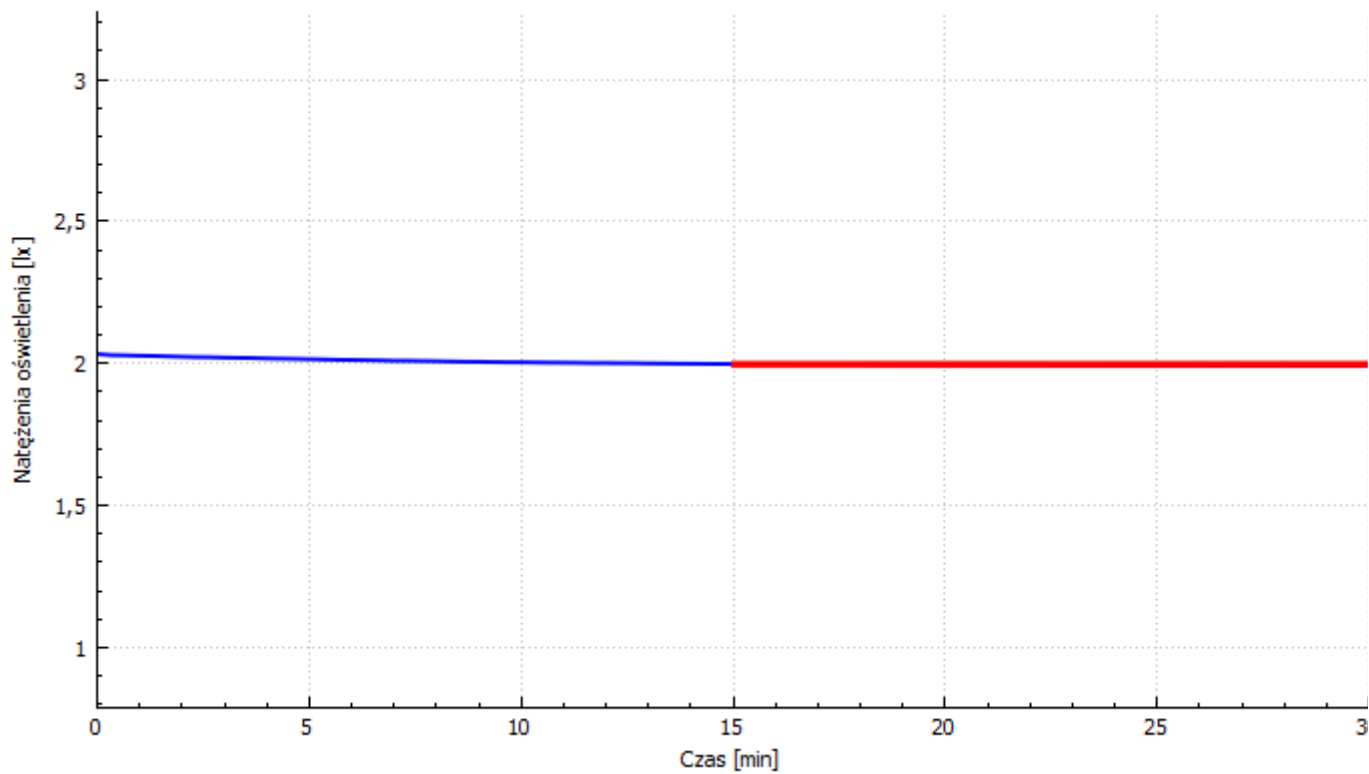
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3D Chart

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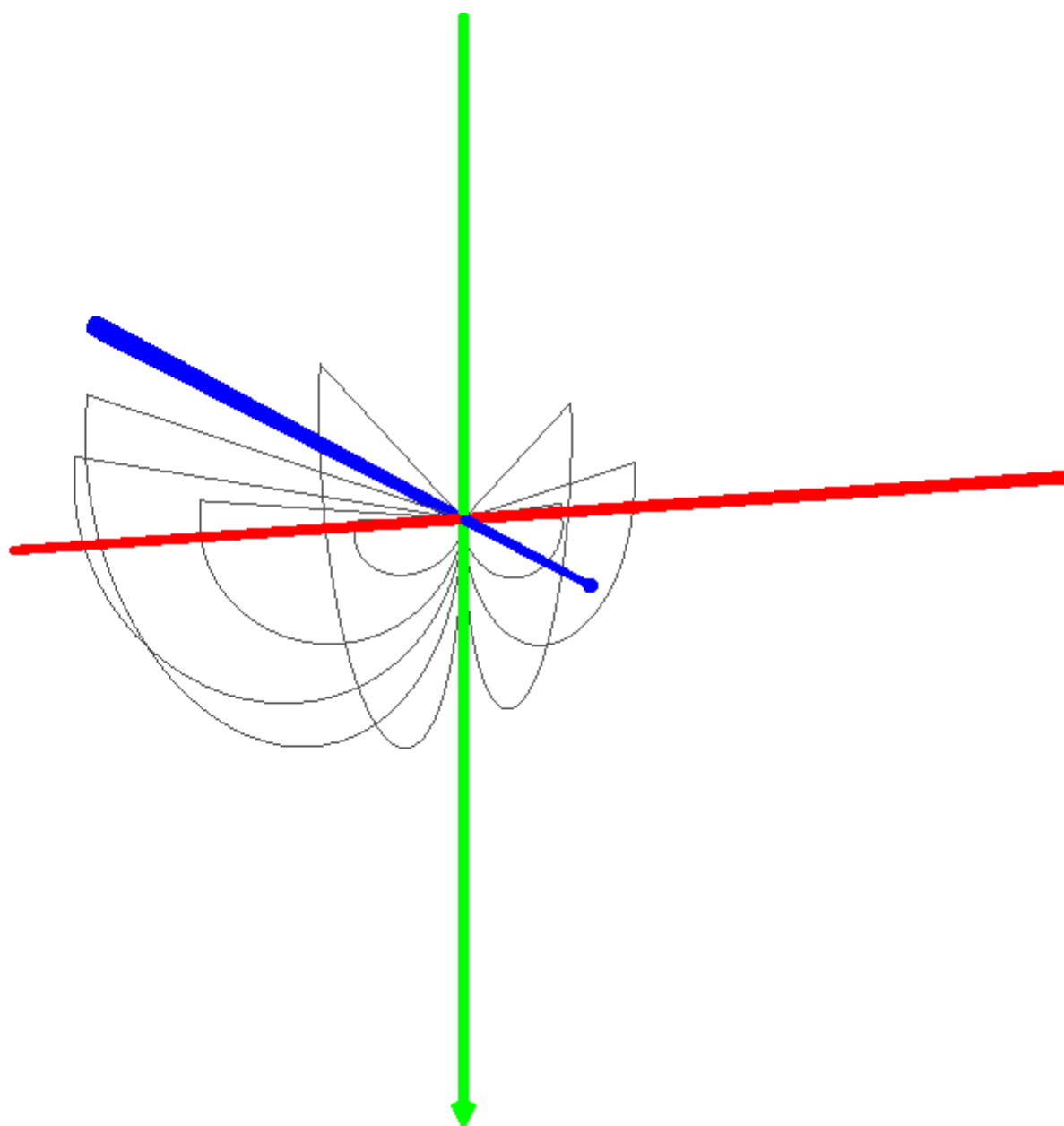
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

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			P(%f)
0	0,00731	0,0382	-1,54e-06
1	100,000	100,000	100,000
2	0,00741	0	0
3	0,00212	29,148	-0,00111
4	0,0029	0	-4,72e-07
5	0,0103	21,532	0,000562
6	0,00161	0	0
7	0,000857	13,743	0
8	0,00123	0,0292	-3,64e-07
9	0,00556	18,340	0,000712
10	0,00105	0	0
11	0,000932	13,062	0
12	0,000873	0	-1,4e-07
13	0,0048	12,977	0,000122
14	0	0	0
15	0,0013	1,938	-1,01e-05
16	0,00113	0	0
17	0,0044	3,382	3,72e-05
18	0,000844	0	0
19	0,00352	6,920	-2,41e-06
20	0	0,0249	0
21	0,00452	8,441	0,000124

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22	0	0	0
23	0,00162	5,043	4,53e-05
24	0	0	0
25	0,00492	6,025	8,31e-05
26	0	0	0
27	0,00236	0,717	-3,7e-06
28	0	0	0
29	0,00397	2,905	4,71e-05
30	0	0	0
31	0,00353	4,389	-1,1e-05
32	0	0,0253	0
33	0,00595	5,736	0,000102
34	0	0	0
35	0,00161	2,364	1,09e-05
36	0	0	0
37	0,00438	2,724	1,79e-05
38	0	0	0
39	0,00323	1,688	-8,01e-06
40	0	0	0
41	0,00474	3,033	5,08e-06
42	0	0	0
43	0,00263	2,773	-3,16e-05
44	0	0	0
45	0,00649	3,918	1,12e-05
46	0	0	0
47	0,00194	0,896	1,43e-05
48	0	0	0
49	0,00171	0,894	3,37e-06
50	0	0	0

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