

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Alfa DALI Kira Track Magnetic 36W CCT Switch*

Item No: *AZ6495*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6495_3000*

LuminaireName: *Alfa DALI Kira Track Magnetic 24W CCT Dimm*

LuminaireNumber: *AZ6495*

FileName: *AZ6495_3000.ldt*

Date: *2024-09-27*

Dimensions of luminaire

Length: *650 mm*

Width: *24 mm*

Height: *60 mm*

Dimensions of luminous area

Length: *630 mm*

Width: *14 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: *2234,96 lm*
Color temperatur: *3844 K*
Color rendering index: *94,67*
Wattage including ballast: *37,34 W*

Utilization factors:

k = 0.60	<i>0,721</i>
k = 0.80	<i>0,765</i>
k = 1.00	<i>0,813</i>
k = 1.25	<i>0,848</i>
k = 1.50	<i>0,875</i>
k = 2.00	<i>0,925</i>
k = 2.50	<i>0,933</i>
k = 3.00	<i>0,946</i>
k = 4.00	<i>0,966</i>
k = 5.00	<i>0,980</i>

Electrical parameters

<i>U</i>	<i>= 229,665 V</i>
<i>I</i>	<i>= 0,211 A</i>
<i>P</i>	<i>= 37,340 W</i>
<i>Power factor</i>	<i>= 0,769</i>

<i>Power apparent</i>	<i>= 48,540 VA</i>
<i>Power Reactive</i>	<i>= -31,019 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 15,583 %</i>

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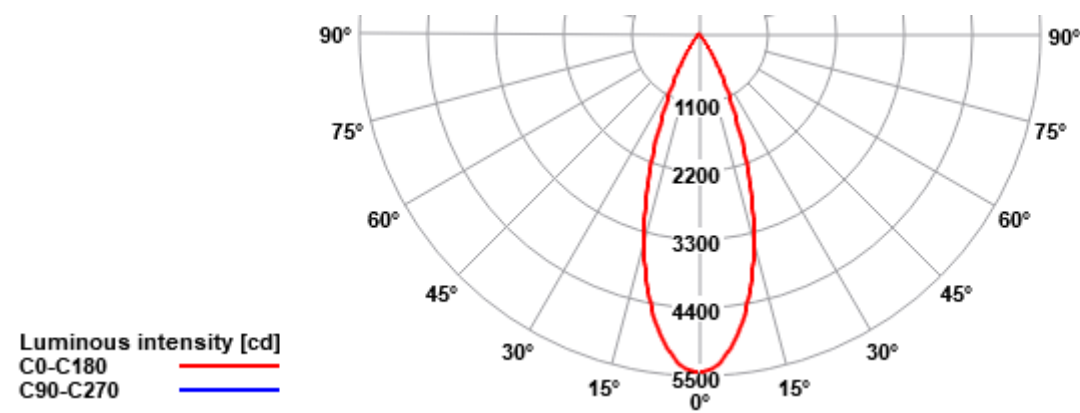
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2234,96 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	5445,33 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	59,85 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3826
y	0,3647
Angular Colour Uniformity	0,0187

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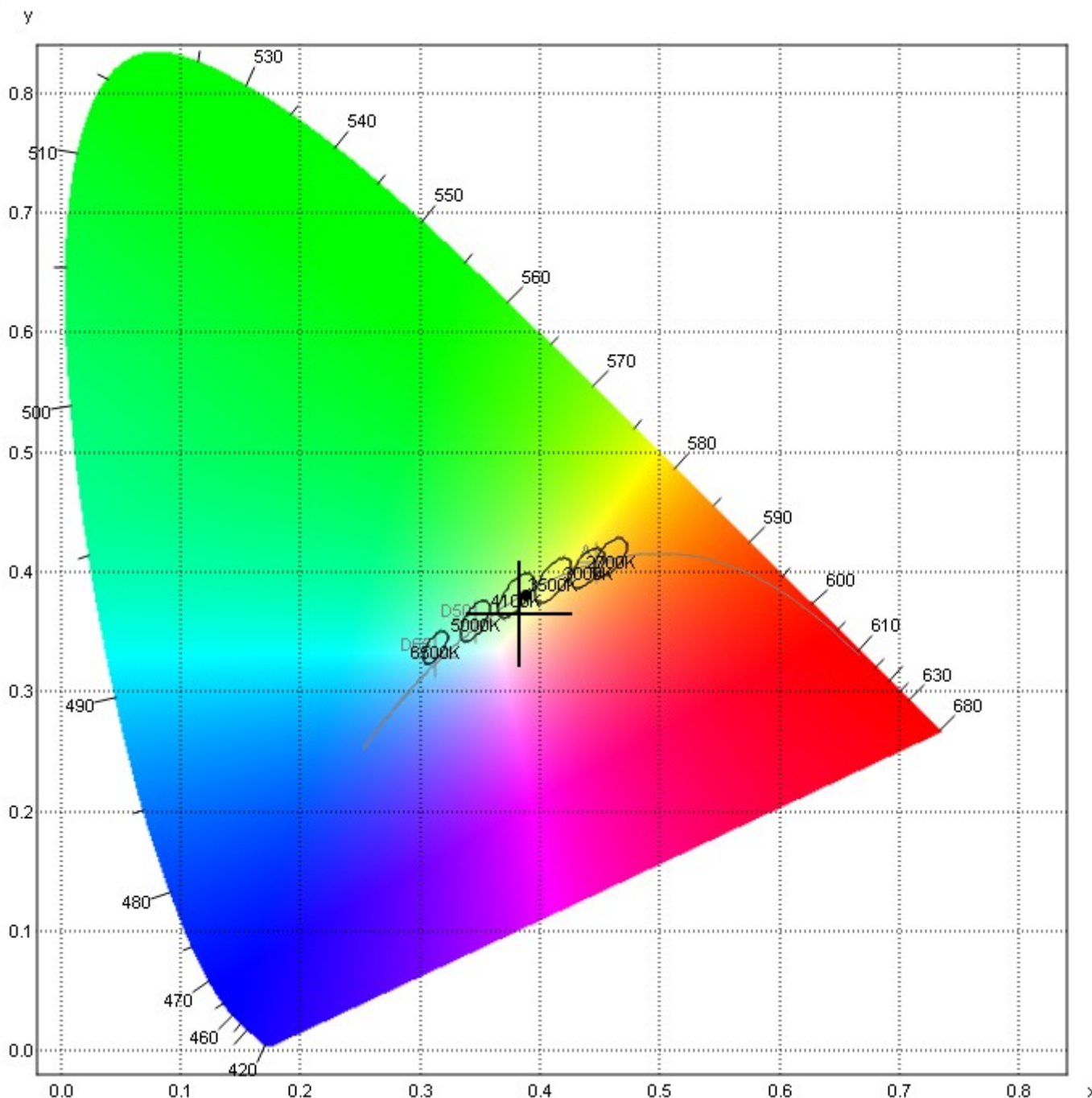
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Beam cone

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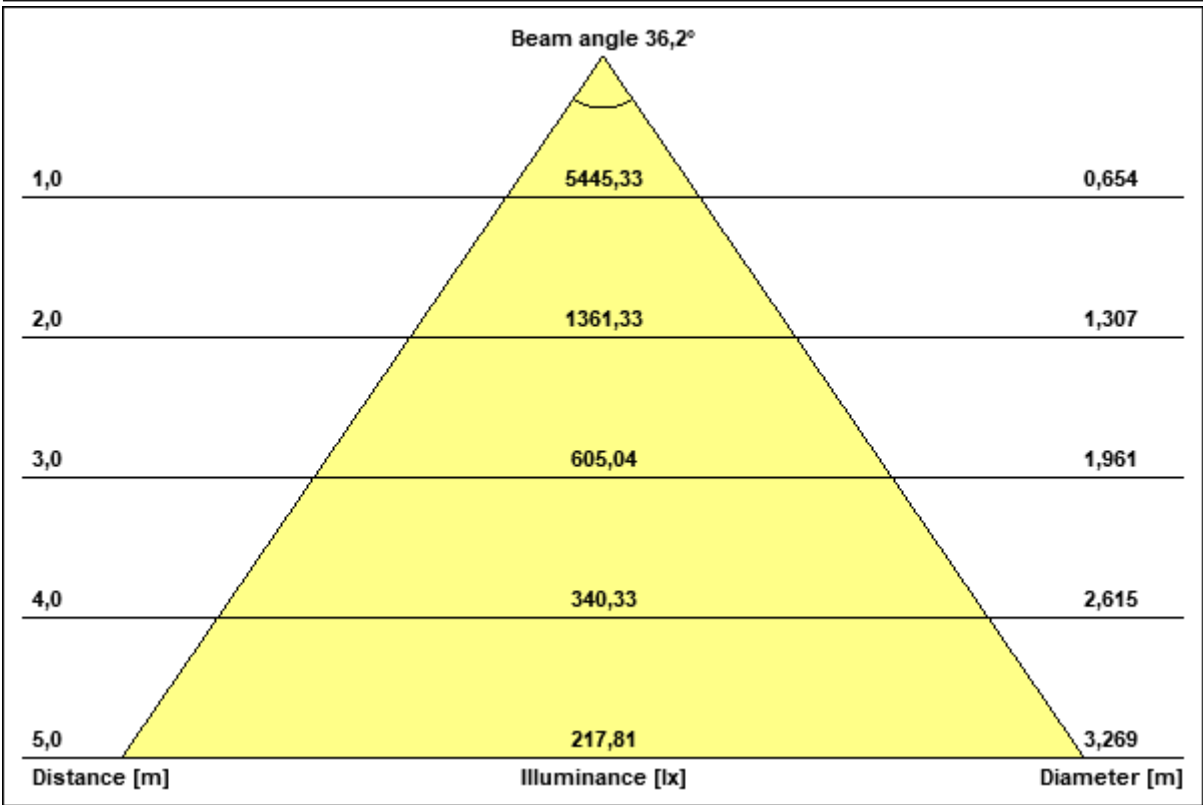
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Stabilization

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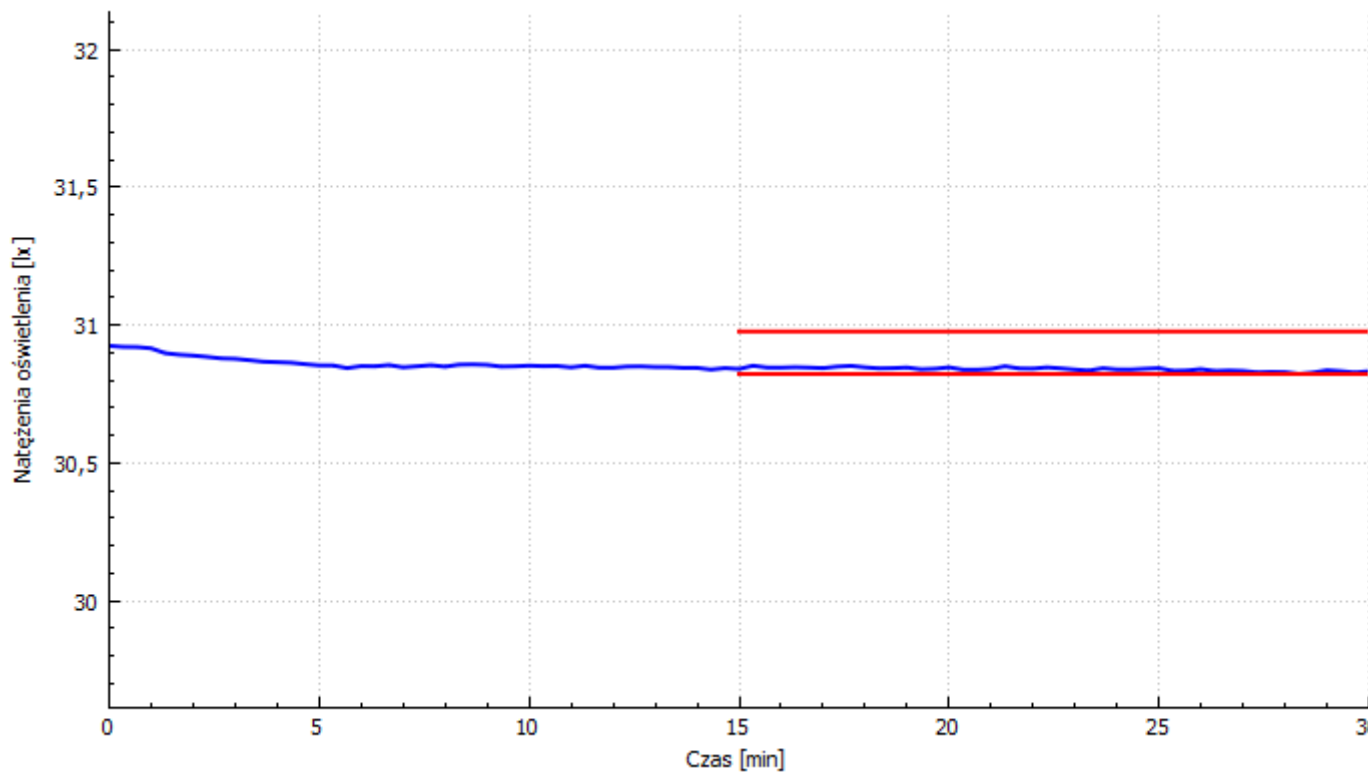
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3D Chart

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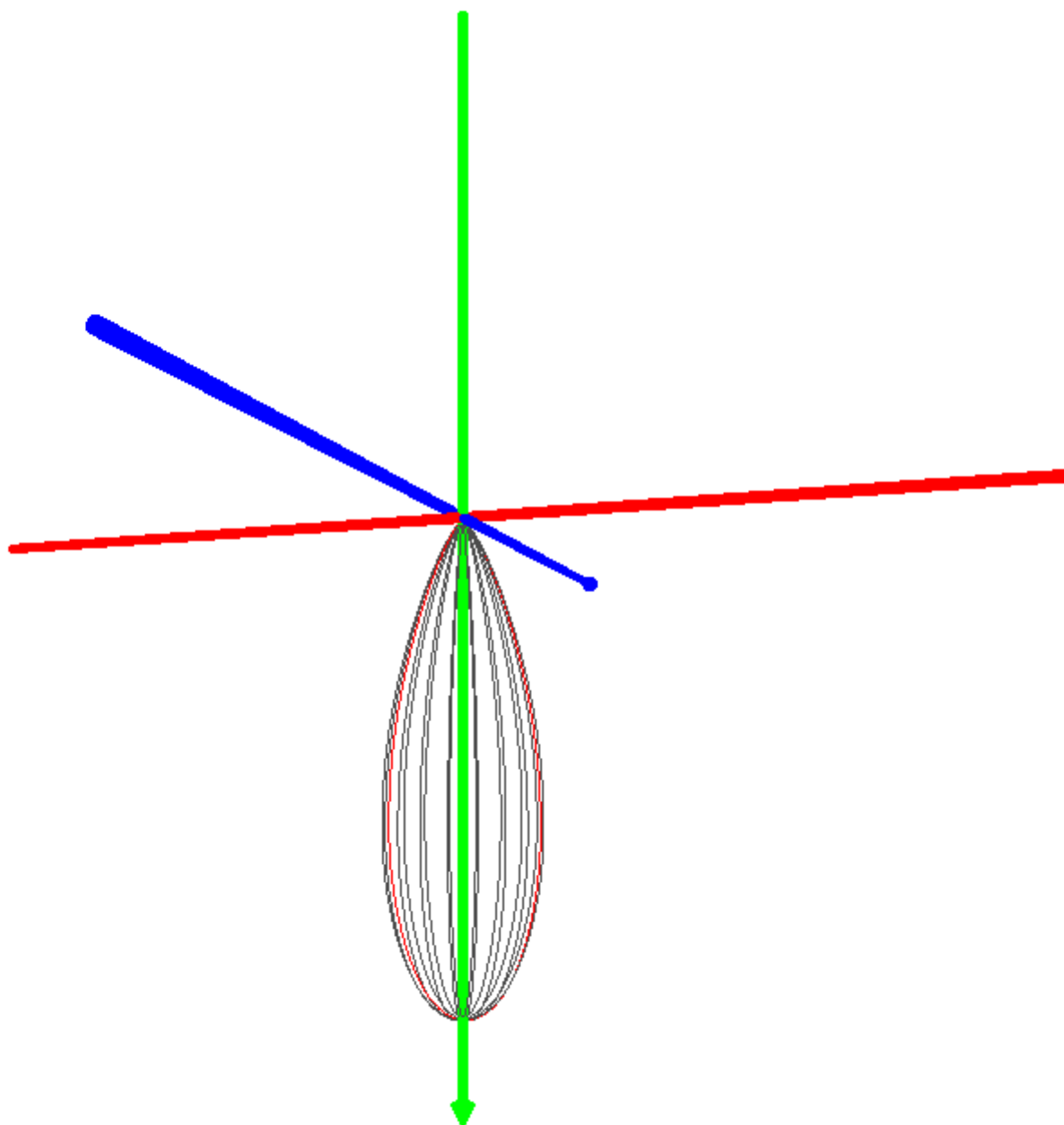
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0	0,331	0
1	100,000	100,000	100,000
2	0,00979	0,0646	3,35e-06
3	0,0102	6,592	0,000305
4	0,00335	0,0622	-9,31e-07
5	0,0177	7,094	0,00133
6	0,00215	0	0
7	0,0127	5,092	0,000773
8	0,00144	0,0573	0
9	0,0149	6,035	0,000989
10	0,00159	0	0
11	0,0097	4,208	0,000329
12	0,00151	0,0623	0
13	0,0051	2,966	9,97e-05
14	0,000931	0	7,35e-08
15	0,00772	2,672	0,000174
16	0	0	0
17	0,00902	2,341	0,000195
18	0,000995	0	0
19	0,0102	3,704	0,000324
20	0,000845	0	3,76e-07
21	0,00467	1,274	4,85e-05

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22	0	0	0
23	0,00761	1,922	5,79e-05
24	0	0	0
25	0,00297	0,921	7,82e-06
26	0	0	0
27	0,0116	2,940	0,000248
28	0	0	0
29	0	0,122	0
30	0	0,0729	0
31	0,00588	1,629	6,24e-05
32	0	0	0
33	0,00509	1,071	3,03e-05
34	0	0	-3,65e-08
35	0,0117	2,163	0,000143
36	0,000847	0	1,24e-06
37	0,00458	0,925	6,14e-06
38	0	0,0712	0
39	0,00698	1,294	7,75e-06
40	0	0	-1,23e-07
41	0,00665	1,209	4,57e-05
42	0,00113	0,0811	4,33e-07
43	0,00941	1,457	0,000104
44	0,00094	0	-1,25e-07
45	0,0083	1,334	8,13e-06
46	0	0,0665	-1,17e-07
47	0,00817	0,924	-9,05e-06
48	0,00159	0	-9,53e-08
49	0,0103	1,092	5,87e-05
50	0,00147	0	7,13e-08

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