

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa Kira Track Magnetic 36W CCT Switch*
Item No: *AZ6242*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6242_63000*
LuminaireName: *Alfa Kira Track Magnetic 2Line 36W CCT Switch*
LuminaireNumber: *AZ6242*
FileName: *AZ6242_63000.Idt*
Date: *2024-09-23*

Dimensions of luminaire

Length: *650 mm*
Width: *24 mm*
Height: *60 mm*

Dimensions of luminous area

Length: *640 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

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Type of lamps: *LED*
Total luminous flux: *1996,31 lm*
Color temperatur: *2929 K*
Color rendering index: *92,45*
Wattage including ballast: *35,37 W*

Utilization factors:

k = 0.60	<i>0,722</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>= 229,610 V</i>
<i>I</i>	<i>= 0,166 A</i>
<i>P</i>	<i>= 35,374 W</i>
<i>Power factor</i>	<i>= 0,928</i>

<i>Power apparent</i>	<i>= 38,138 VA</i>
<i>Power Reactive</i>	<i>= -14,258 var</i>
<i>Frequency Voltage</i>	<i>= 50,001 Hz</i>
<i>THD</i>	<i>= 17,257 %</i>

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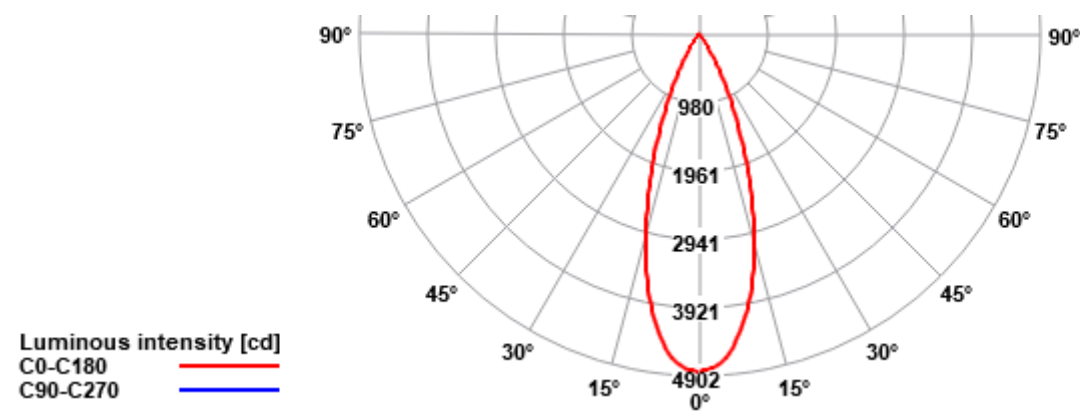
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1996,31 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	4853,21 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	56,44 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4391
y	0,4000
Angular Colour Uniformity	0,0024

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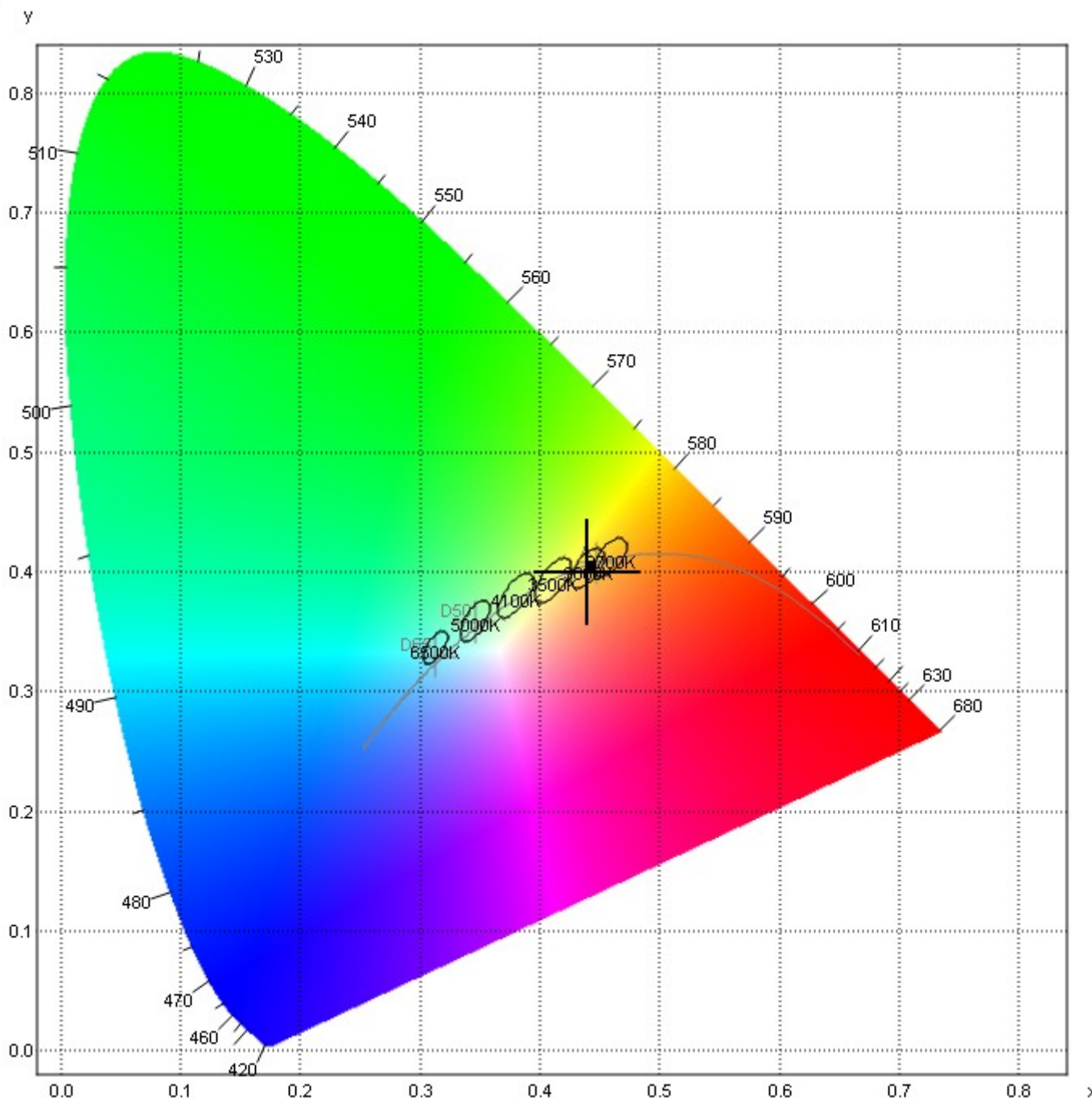
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Beam cone

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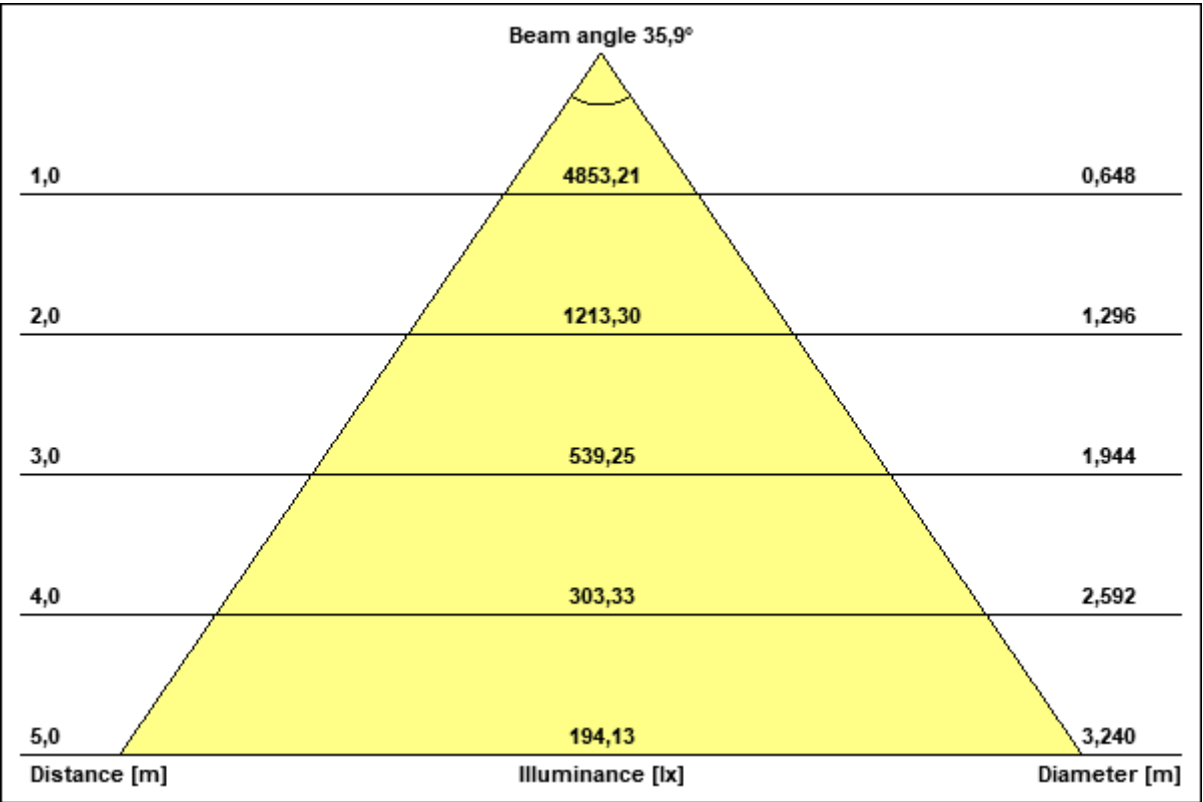
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Stabilization

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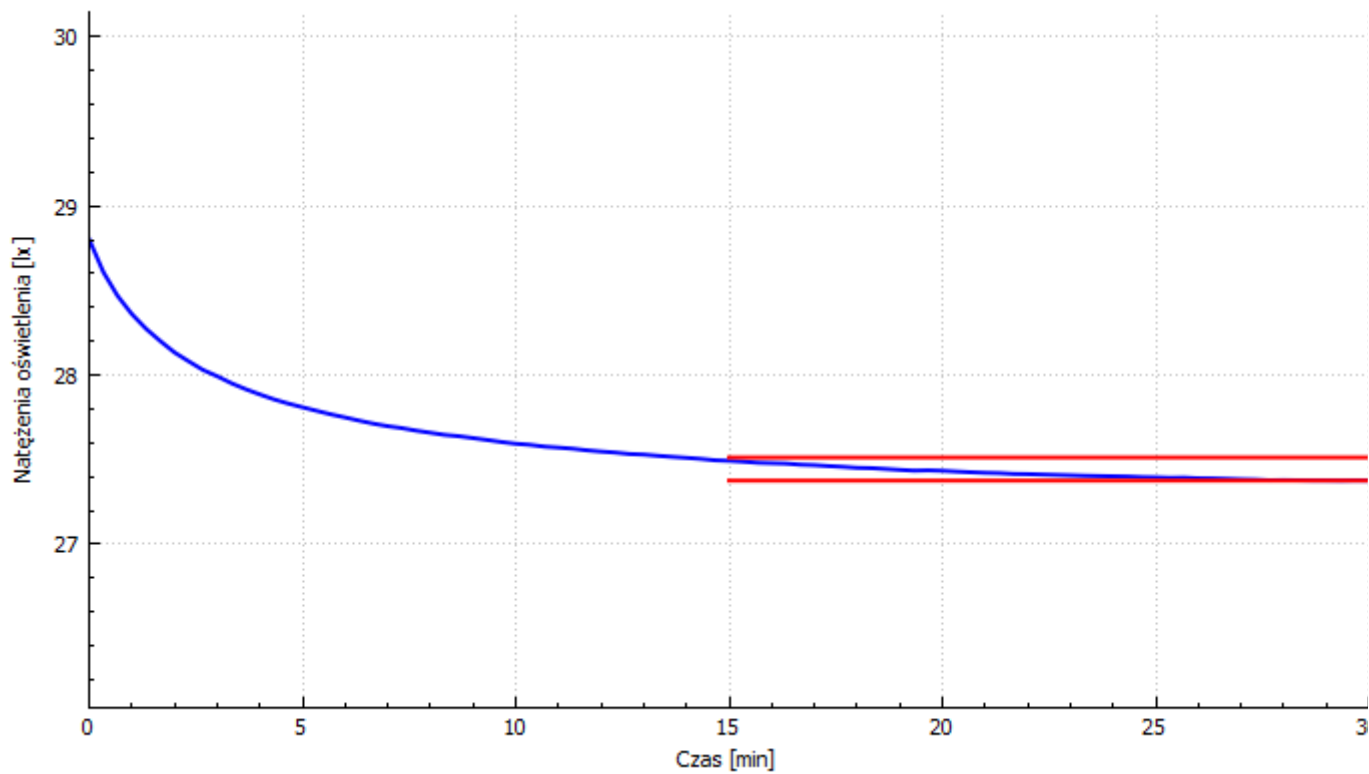
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3D Chart

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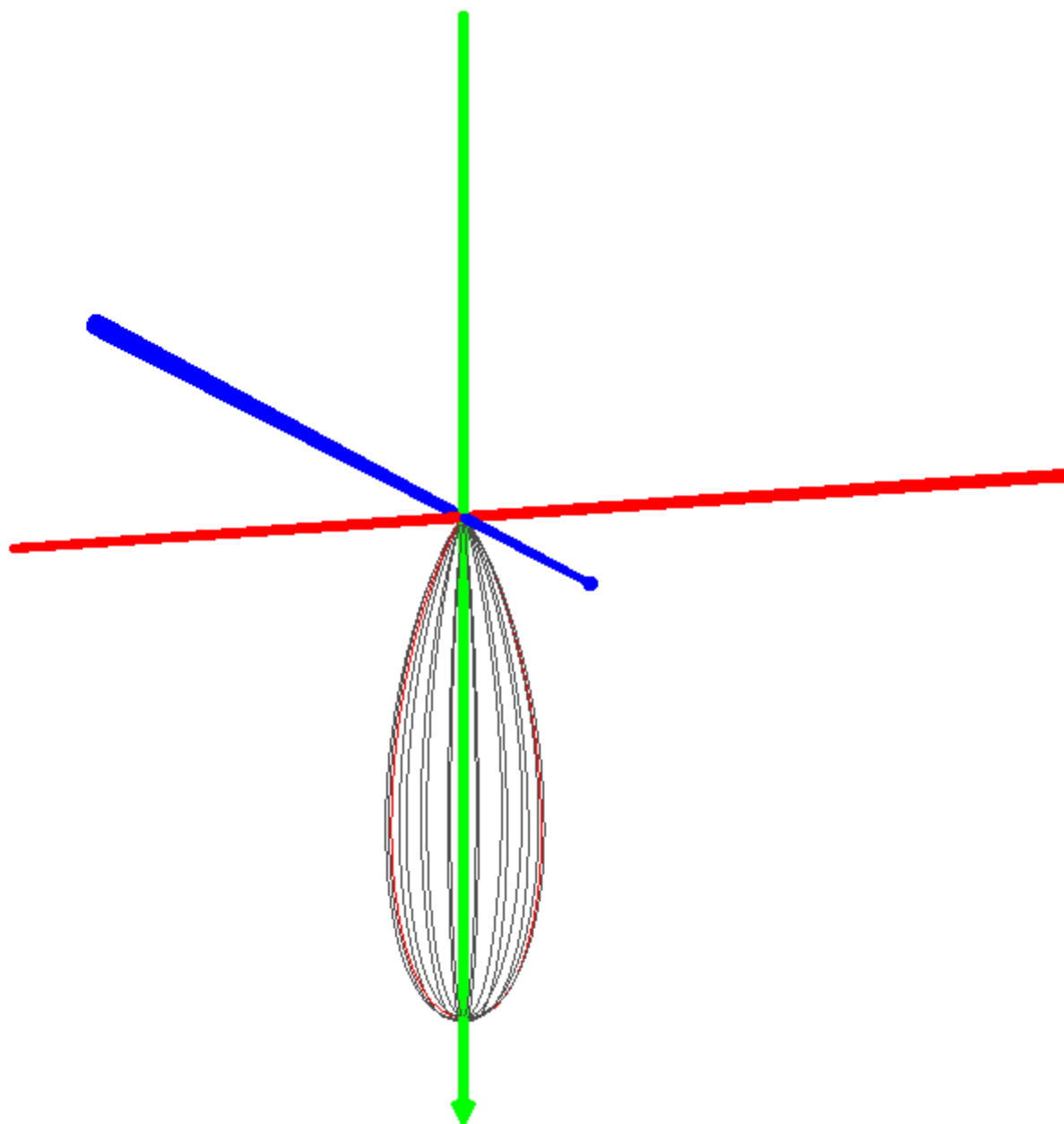
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0,0023	0,150	-9,22e-06
1	100,000	100,000	100,000
2	0,00626	0,126	-6,34e-06
3	0,0048	11,006	0,000371
4	0,00182	0,107	-1,94e-06
5	0,0055	8,052	0,000372
6	0,0012	0,0325	-4,63e-07
7	0,00285	6,109	0,000197
8	0,000931	0,041	1,16e-07
9	0,00496	4,679	4,24e-05
10	0,00087	0,0679	-6,62e-07
11	0,00782	3,354	1,75e-06
12	0	0,0589	0
13	0,00443	1,801	-1,63e-06
14	0	0	0
15	0,00405	2,775	6,81e-05
16	0	0,0514	0
17	0,00117	0,799	-6,72e-06
18	0,00102	0,0745	-8,97e-08
19	0,00335	2,228	2,23e-05
20	0	0,0482	-1,88e-06
21	0,00134	0,829	6,5e-06

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22	0,000955	0,0312	-3,32e-07
23	0,00489	0,751	2,49e-05
24	0	0,134	4,35e-07
25	0,00238	1,332	4,81e-06
26	0	0,0784	0
27	0,00367	0,416	2,76e-06
28	0,00105	0,0604	0
29	0,00418	0,969	-2,19e-05
30	0,00134	0	0
31	0,00638	0,879	-6,09e-06
32	0,00181	0,0446	-6,6e-07
33	0,00683	1,316	-1,8e-05
34	0,00193	0,0423	2,72e-07
35	0,00527	1,324	1,31e-06
36	0,00149	0	-6,28e-08
37	0,0069	1,357	-1,54e-06
38	0,00121	0,0917	3,09e-07
39	0,0098	1,880	1,03e-06
40	0,000895	0,0513	0
41	0,00949	1,190	1,63e-05
42	0,00132	0	0
43	0,0125	2,030	4,05e-05
44	0,0016	0,136	-3,75e-07
45	0,00933	1,701	4,85e-05
46	0,00218	0,106	-9,07e-07
47	0,0076	1,525	3,47e-05
48	0,00182	0,141	5,13e-07
49	0,00642	1,381	2,99e-05
50	0,00184	0,0324	2,86e-06

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