

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa Kira Track Magnetic 12W CCT Switch*
Item No: *AZ6240*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6240_6000*
LuminaireName: *Alfa Kira Track Magnetic 2Line 12W CCT Switch*
LuminaireNumber: *AZ6240*
FileName: *AZ6240_6000.ldt*
Date: *2024-09-20*

Dimensions of luminaire

Length: *220 mm*
Width: *24 mm*
Height: *60 mm*

Dimensions of luminous area

Length: *210 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: *808,69 lm*
Color temperatur: *7446 K*
Color rendering index: *93,41*
Wattage including ballast: *14,69 W*

Utilization factors:

$k = 0.60$	<i>0,720</i>
$k = 0.80$	<i>0,763</i>
$k = 1.00$	<i>0,812</i>
$k = 1.25$	<i>0,847</i>
$k = 1.50$	<i>0,874</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>0,979</i>

Electrical parameters

U	<i>= 229,671 V</i>
I	<i>= 0,087 A</i>
P	<i>= 14,695 W</i>
Power factor	<i>= 0,733</i>

Power apparent	<i>= 20,064 VA</i>
Power Reactive	<i>= -13,656 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 16,452 %</i>

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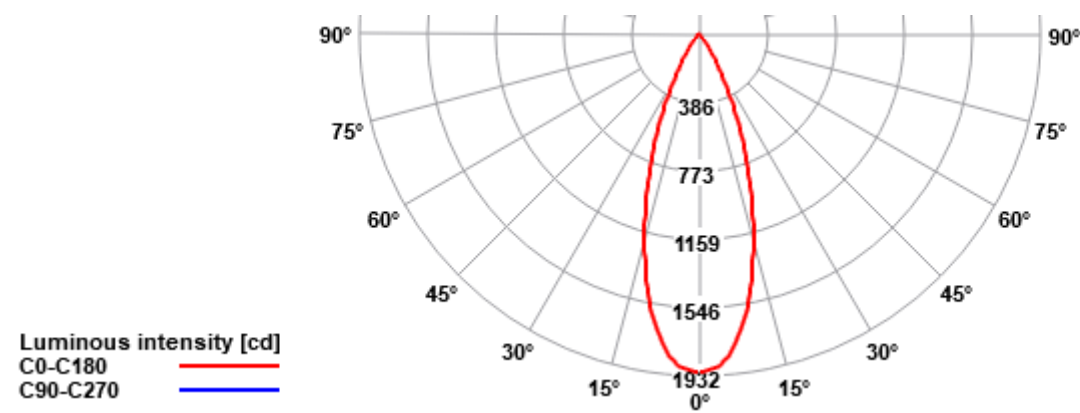
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	808,69 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1912,77 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	55,05 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3014
y	0,3095
Angular Colour Uniformity	0,0049

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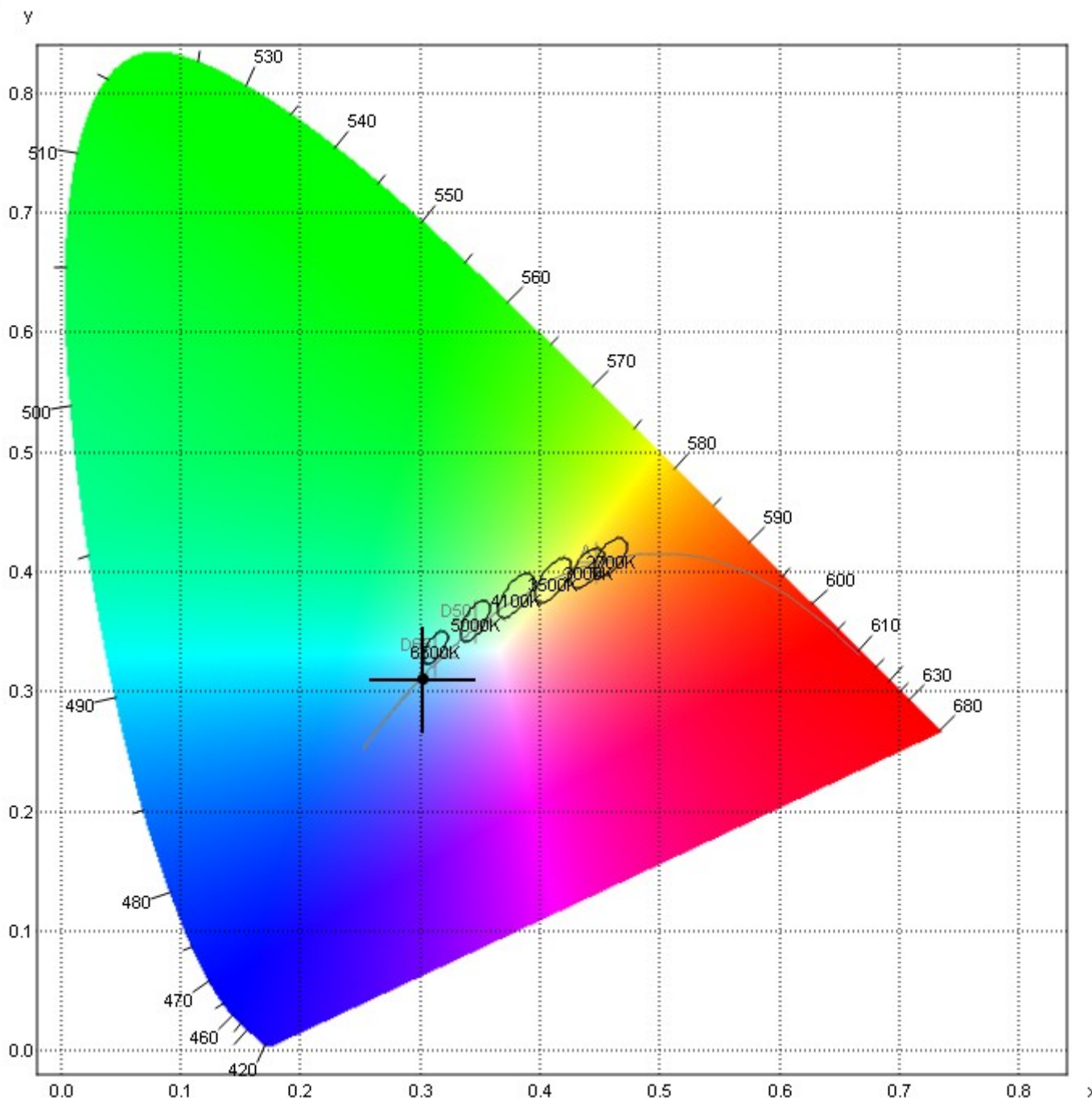
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Beam cone

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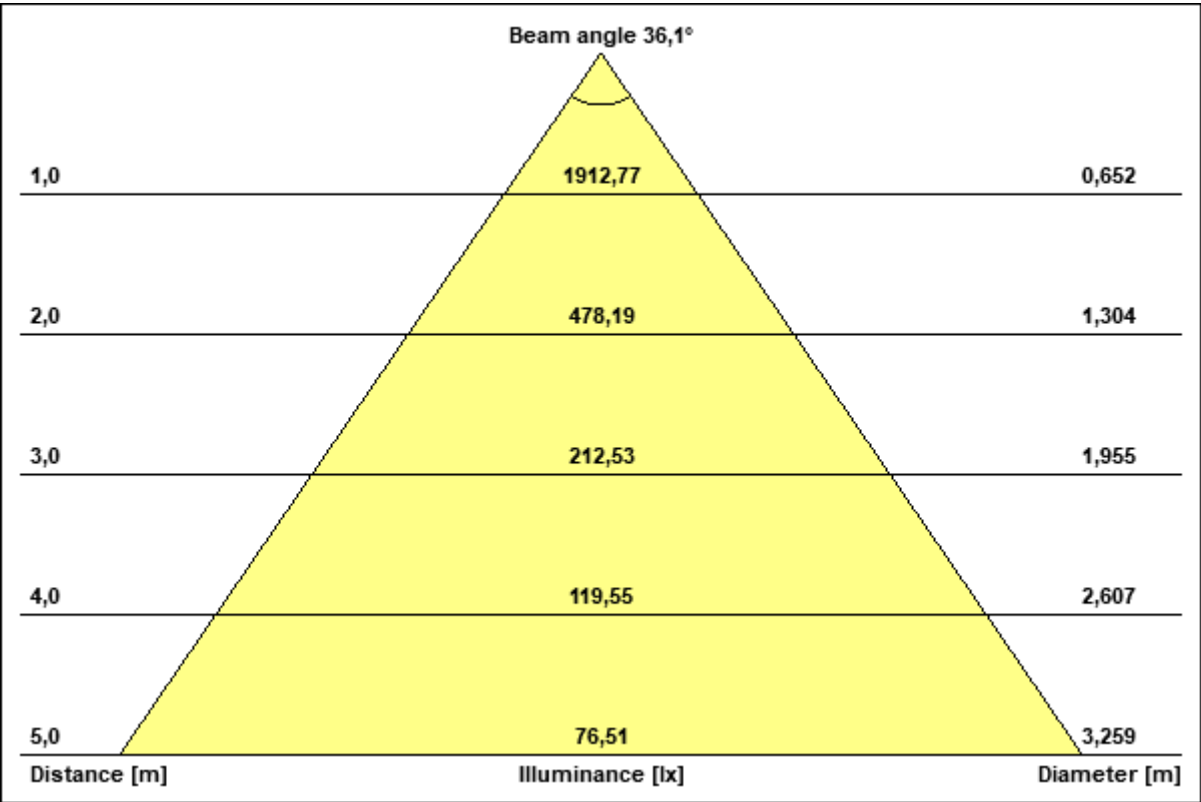
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Stabilization

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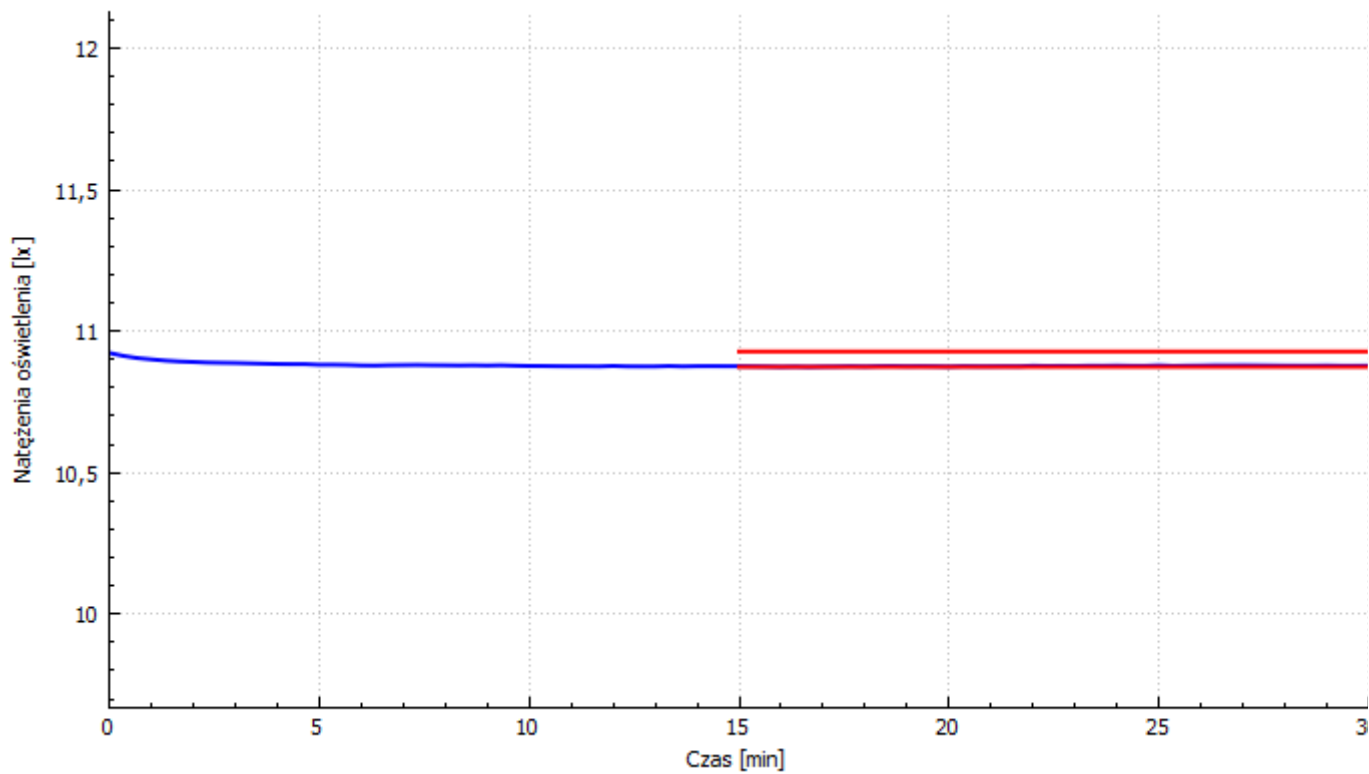
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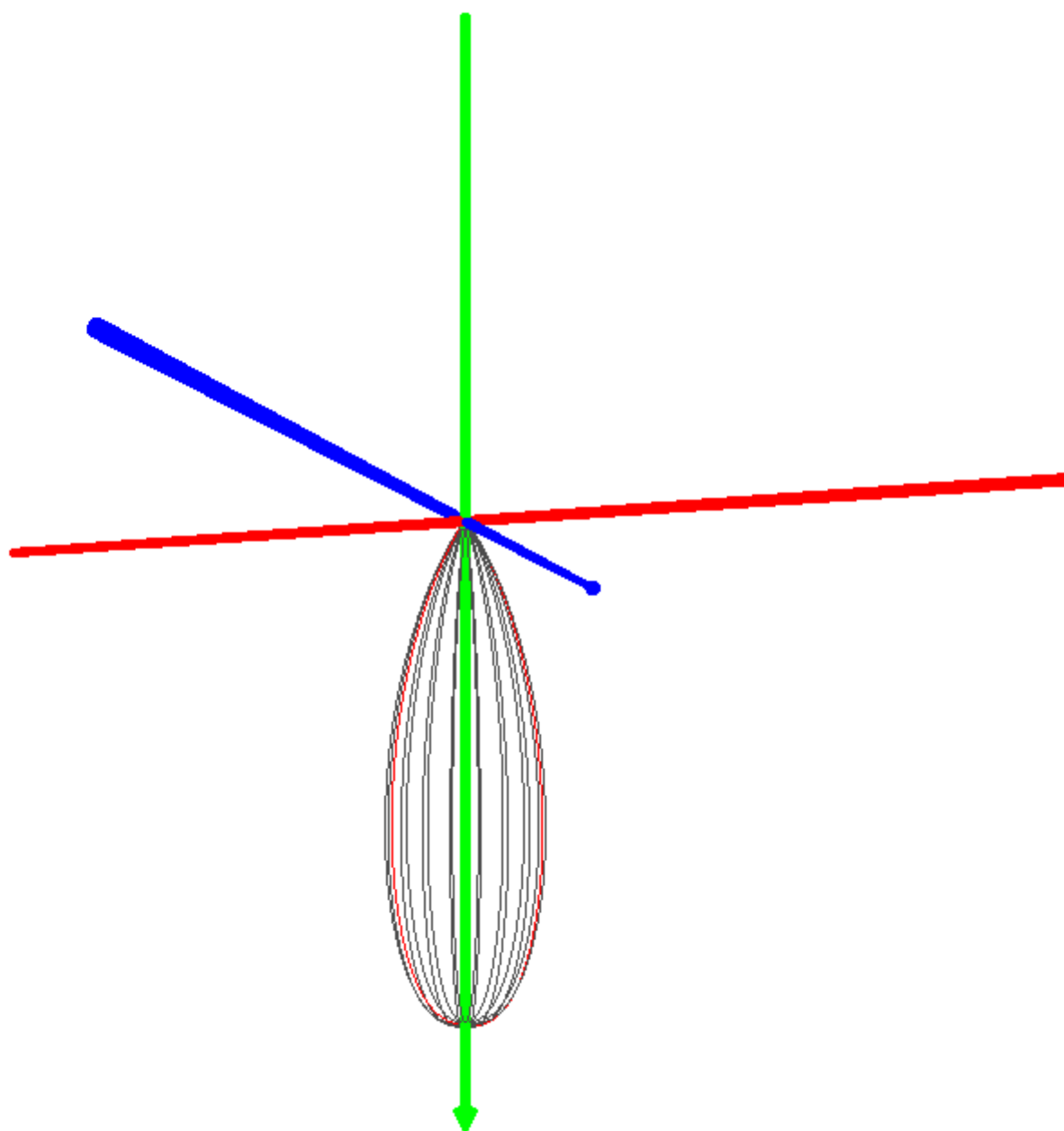
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3D Chart

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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

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			P(%f)
0	0,00338	0,225	-2,24e-07
1	100,000	100,000	100,000
2	0,00501	0,333	1,25e-05
3	0,0032	9,426	-0,00032
4	0,00234	0,193	1,57e-06
5	0,00383	7,301	0,000165
6	0	0,324	3,61e-06
7	0,0027	5,307	0,000286
8	0,00109	0,254	0
9	0,00231	4,272	9,44e-05
10	0	0,336	-6,42e-07
11	0,00495	4,049	-0,00014
12	0	0,142	0
13	0,00331	1,674	-9,19e-05
14	0	0,248	0
15	0,00303	2,724	7,2e-05
16	0,000921	0,194	0
17	0,00209	0,592	3,78e-05
18	0	0,228	0
19	0,00262	2,759	-3,38e-05
20	0,000991	0,141	0
21	0,00129	0,260	-3,12e-08

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22	0	0,0955	-7,01e-07
23	0,00427	1,479	2,4e-05
24	0	0,246	-7,04e-07
25	0,00142	0,770	1,21e-06
26	0,00118	0,159	1,54e-06
27	0,00111	0,800	-7,21e-07
28	0	0,242	6,75e-07
29	0	1,151	0
30	0,00139	0,157	0
31	0,00196	0,165	1,21e-05
32	0	0,296	6,87e-07
33	0,00329	1,271	-4,69e-06
34	0,00092	0,301	-1,83e-08
35	0,00169	1,156	-7,18e-06
36	0,00178	0,271	0
37	0,00167	1,078	-1,97e-05
38	0,00107	0,257	-1,07e-07
39	0,00549	1,502	-9,16e-06
40	0,0013	0,256	0
41	0,00464	1,022	-6,26e-06
42	0	0,364	2,03e-06
43	0,00538	1,917	-2,16e-05
44	0,000905	0,280	1,85e-06
45	0,00347	1,130	-2,03e-05
46	0,00101	0,252	0
47	0,00604	1,785	2,37e-05
48	0,00118	0,250	-1,51e-06
49	0,00445	1,418	2,18e-05
50	0,000896	0,305	1,04e-06

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