

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: *AZ6241*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6241_6000*
LuminaireName: *Alfa Kira Track Magnetic 2Line 24W CCT Switch*
LuminaireNumber: *AZ6240*
FileName: *AZ6241_6000.ldt*
Date: *2024-09-21*

Dimensions of luminaire

Length: *435 mm*
Width: *24 mm*
Height: *60 mm*

Dimensions of luminous area

Length: *425 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: *1598,18 lm*
Color temperatur: *7307 K*
Color rendering index: *92,98*
Wattage including ballast: *24,96 W*

Utilization factors:

k = 0.60	<i>0,721</i>
k = 0.80	<i>0,764</i>
k = 1.00	<i>0,812</i>
k = 1.25	<i>0,848</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

<i>U</i>	<i>= 229,628 V</i>
<i>I</i>	<i>= 0,125 A</i>
<i>P</i>	<i>= 24,960 W</i>
<i>Power factor</i>	<i>= 0,867</i>

<i>Power apparent</i>	<i>= 28,796 VA</i>
<i>Power Reactive</i>	<i>= -14,362 var</i>
<i>Frequency Voltage</i>	<i>= 50,001 Hz</i>
<i>THD</i>	<i>= 5689,901 %</i>

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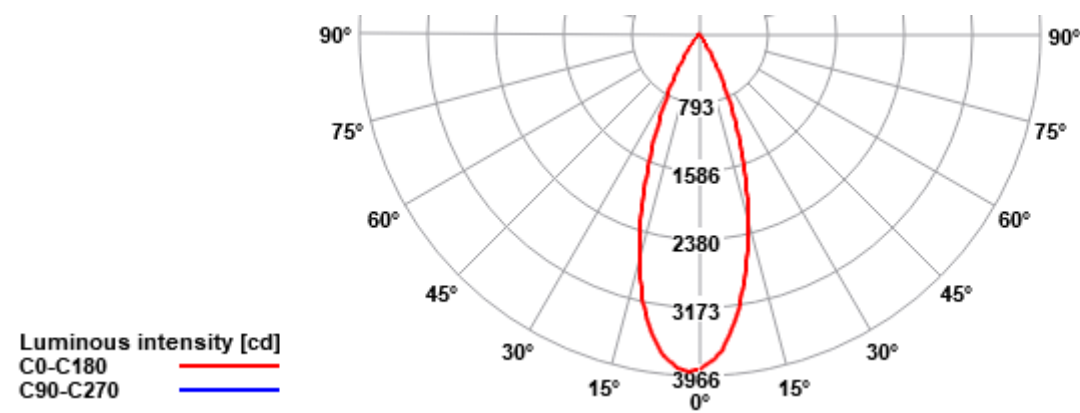
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1598,18 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	3926,84 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	64,03 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3027
y	0,3123
Angular Colour Uniformity	0,0066

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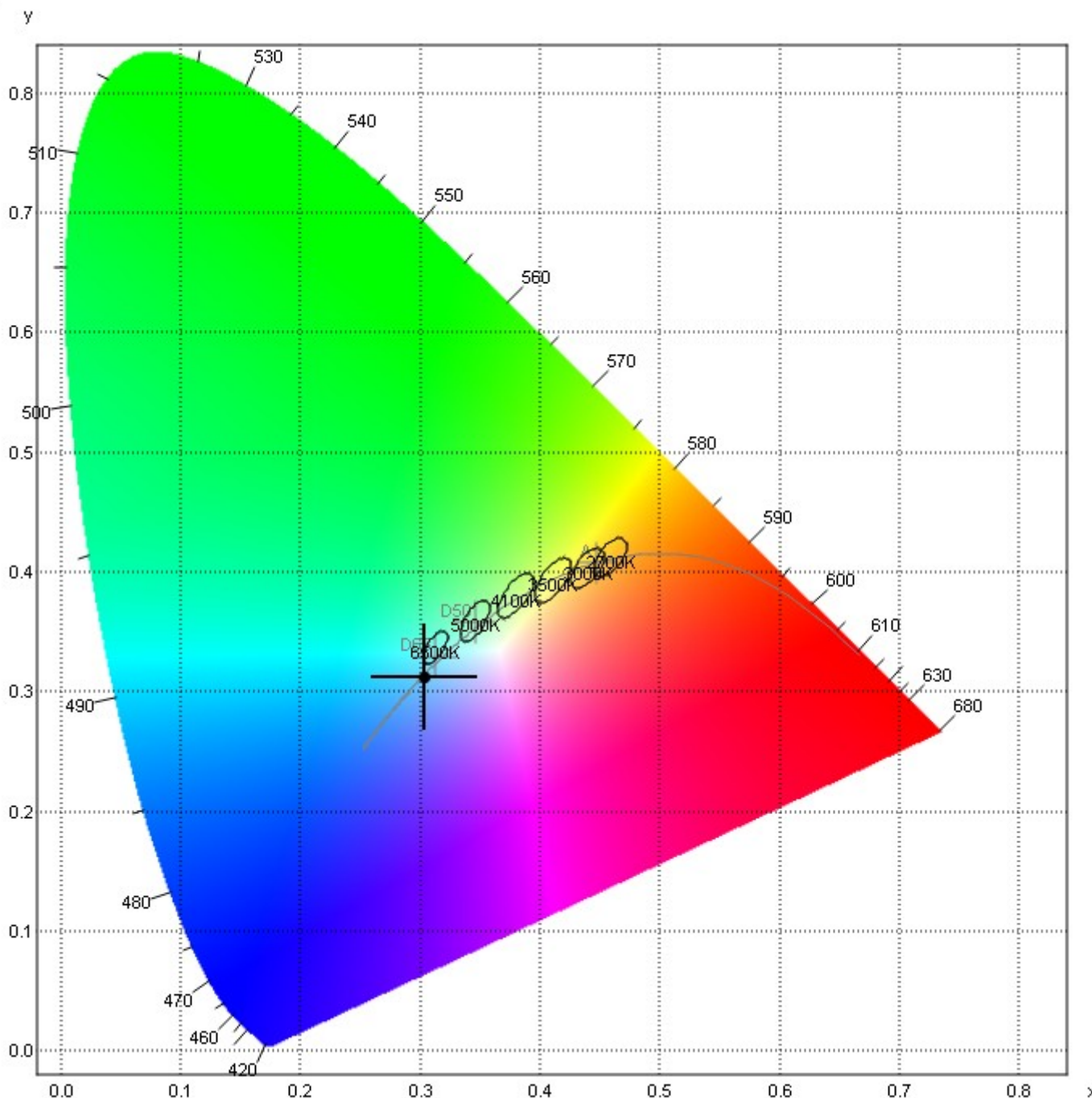
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Beam cone

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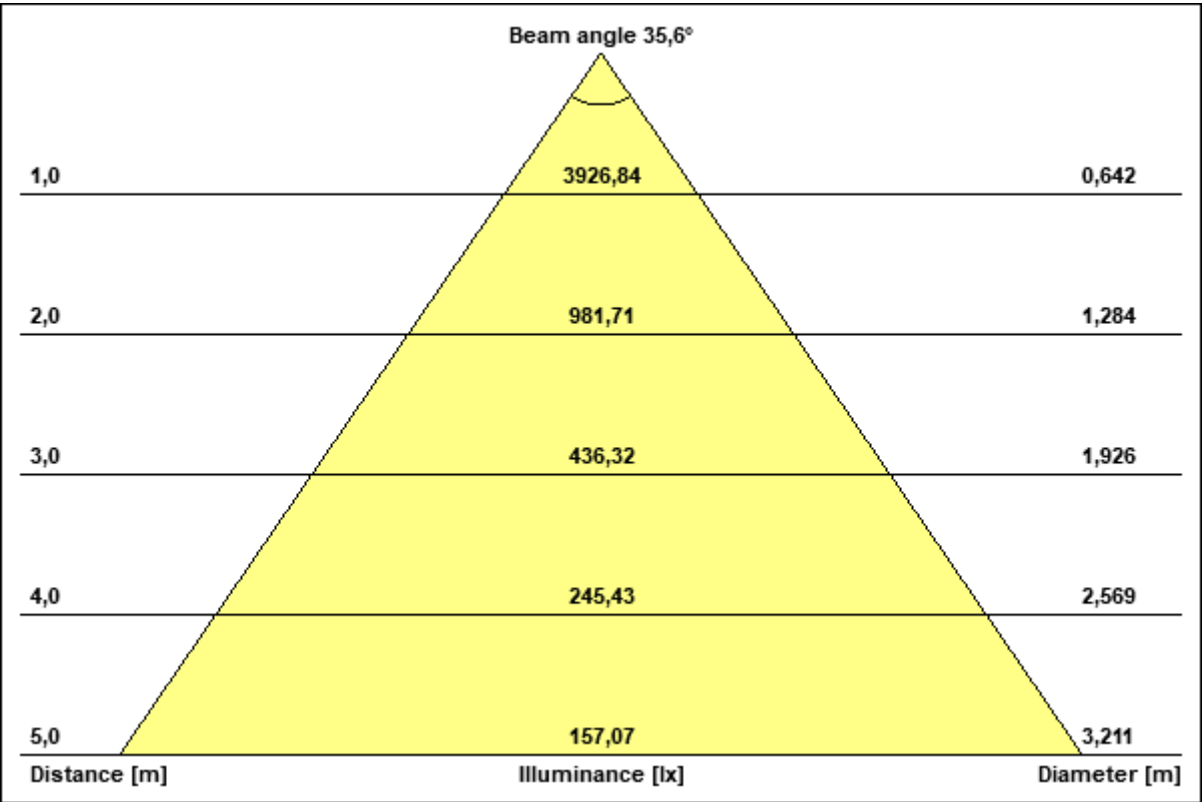
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Stabilization

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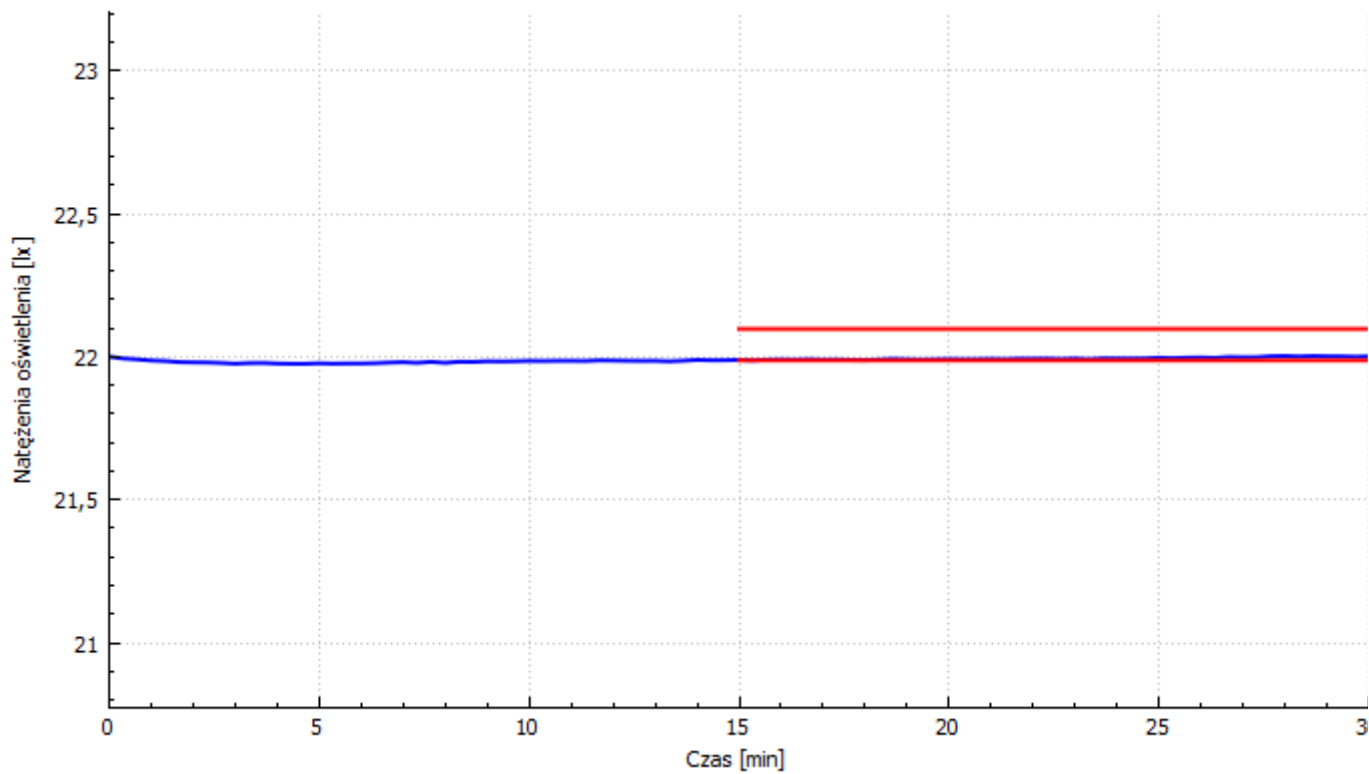
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3D Chart

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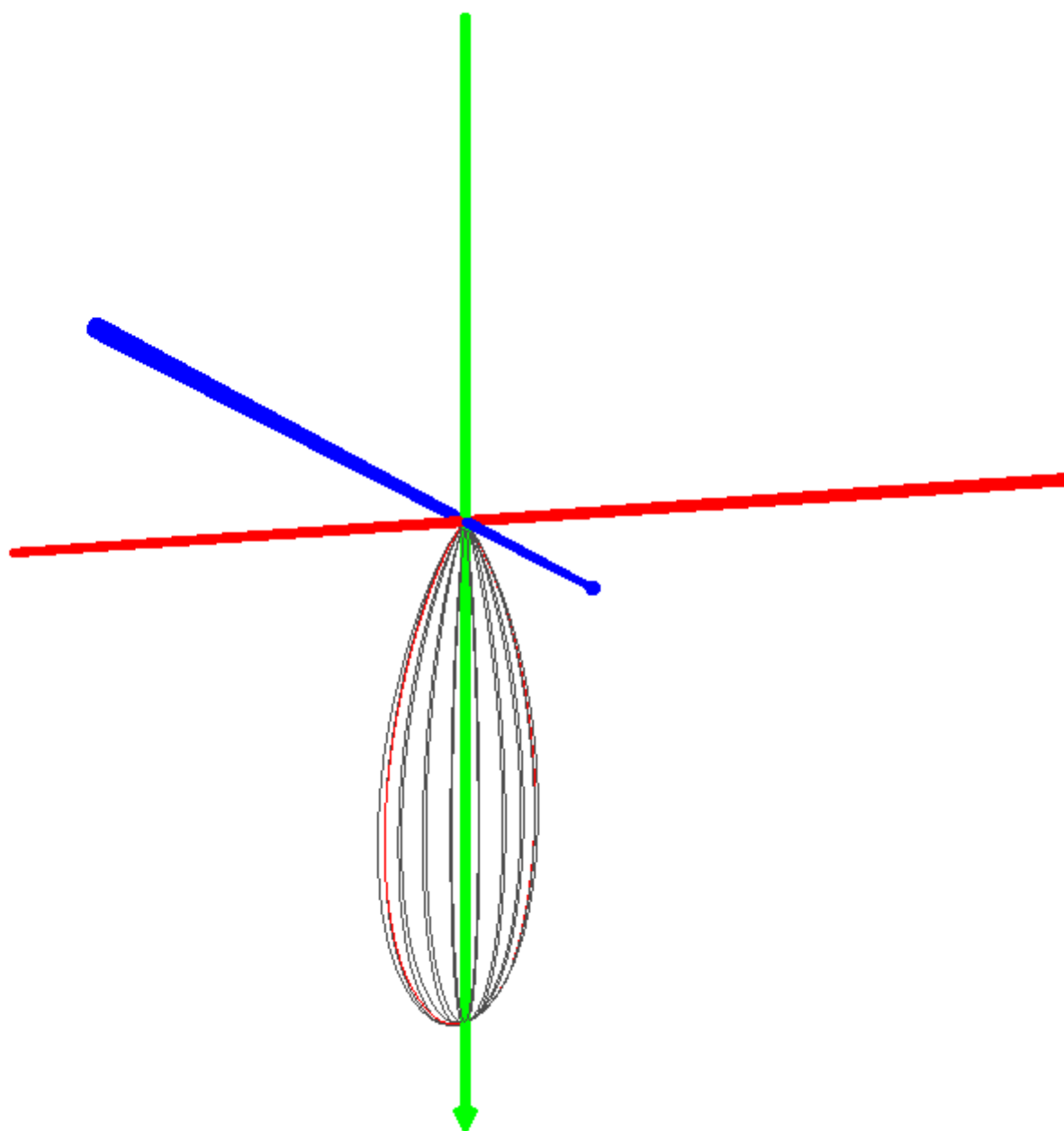
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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ort

			P(%f)
0	0	0,214	0
1	100,000	100,000	100,000
2	0,00361	0,0957	-3,32e-06
3	0,00351	6,275	-2,1e-05
4	0,00248	0,0628	-1,81e-06
5	0,00514	3,824	-1,83e-05
6	0,00152	0,124	-2,35e-06
7	0	3,137	0
8	0	0,122	0
9	0,00313	2,828	3,08e-05
10	0	0,111	0
11	0,00522	2,356	-3,2e-06
12	0	0,0981	0
13	0,00213	1,580	-1,19e-05
14	0	0,111	0
15	0,00181	2,319	-1,18e-06
16	0,00148	0,0863	0
17	0,00176	0,936	1,32e-05
18	0,00155	0,0612	0
19	0,0023	1,101	1,82e-05
20	0,00112	0,127	0
21	0,00234	0,830	3,25e-05

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22	0	0,164	0
23	0,00479	1,397	-9,27e-07
24	0	0,0571	0
25	0,000917	0,921	-5,93e-07
26	0,00127	0,058	0
27	0,00195	0,654	8,44e-08
28	0,00226	0,111	-2,57e-07
29	0,00153	0,639	-5,91e-07
30	0,00176	0,108	9,08e-07
31	0,00306	0,420	1,62e-05
32	0,00108	0,0782	0
33	0,00191	0,395	-4,68e-06
34	0,000918	0,0471	0
35	0,000859	0,0575	4,14e-06
36	0,00113	0,159	-2e-06
37	0,00152	0,586	-4,08e-09
38	0,00147	0,0729	-9,58e-07
39	0,00235	0,815	-2,51e-06
40	0,00237	0,038	1,54e-06
41	0,00208	0,477	-7,63e-06
42	0,00199	0,147	0
43	0,00237	0,402	-6,32e-06
44	0,00179	0,0861	0
45	0,0025	0,451	-1,46e-06
46	0,00112	0,123	-2,1e-06
47	0,00351	0,825	1,21e-05
48	0,000875	0,072	-2,34e-06
49	0,00211	0,492	1,04e-05
50	0,00199	0,101	1,44e-06

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