

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Kirke Track 1Line CCT*

Item No: *AZ4656*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ4656-3000K*

LuminaireName: *Kirke Track 1line CCT*

LuminaireNumber: *AZ4656*

FileName: *AZ46563000K.Idt*

Date: *2024-06-22*

Dimensions of luminaire

Length: *55 mm*

Width: *0 mm*

Height: *160 mm*

Dimensions of luminous area

Length: *40 mm*

Width: *0 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: *562,87 lm*
Color temperatur: *2751 K*
Color rendering index: *87,78*
Wattage including ballast: *9,13 W*

Utilization factors:

k = 0.60	<i>0,704</i>
k = 0.80	<i>0,750</i>
k = 1.00	<i>0,800</i>
k = 1.25	<i>0,837</i>
k = 1.50	<i>0,865</i>
k = 2.00	<i>0,918</i>
k = 2.50	<i>0,927</i>
k = 3.00	<i>0,941</i>
k = 4.00	<i>0,961</i>
k = 5.00	<i>0,975</i>

Electrical parameters

<i>U</i>	<i>= 229,717 V</i>
<i>I</i>	<i>= 0,090 A</i>
<i>P</i>	<i>= 9,130 W</i>
<i>Power factor</i>	<i>= 0,443</i>

<i>Power apparent</i>	<i>= 20,611 VA</i>
<i>Power Reactive</i>	<i>= -14,370 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 194,783 %</i>

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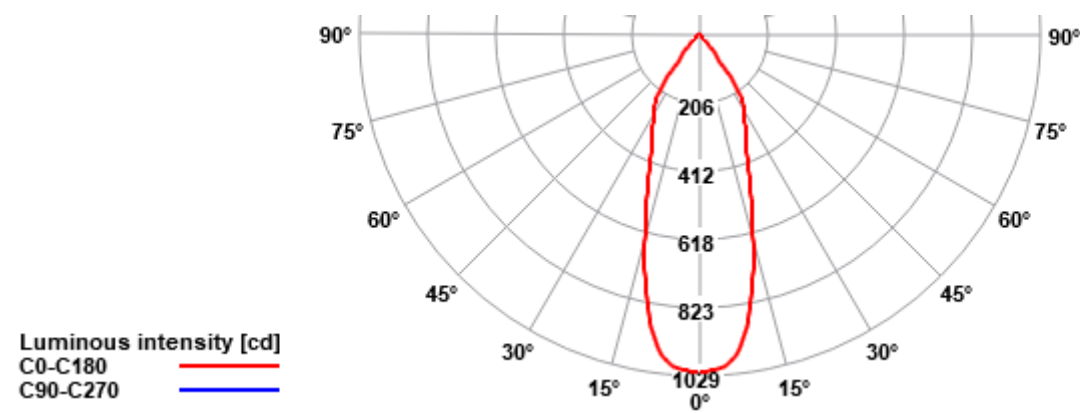
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	562,87 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1019,01 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	61,65 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4534
y	0,4054
Angular Colour Uniformity	0,0012

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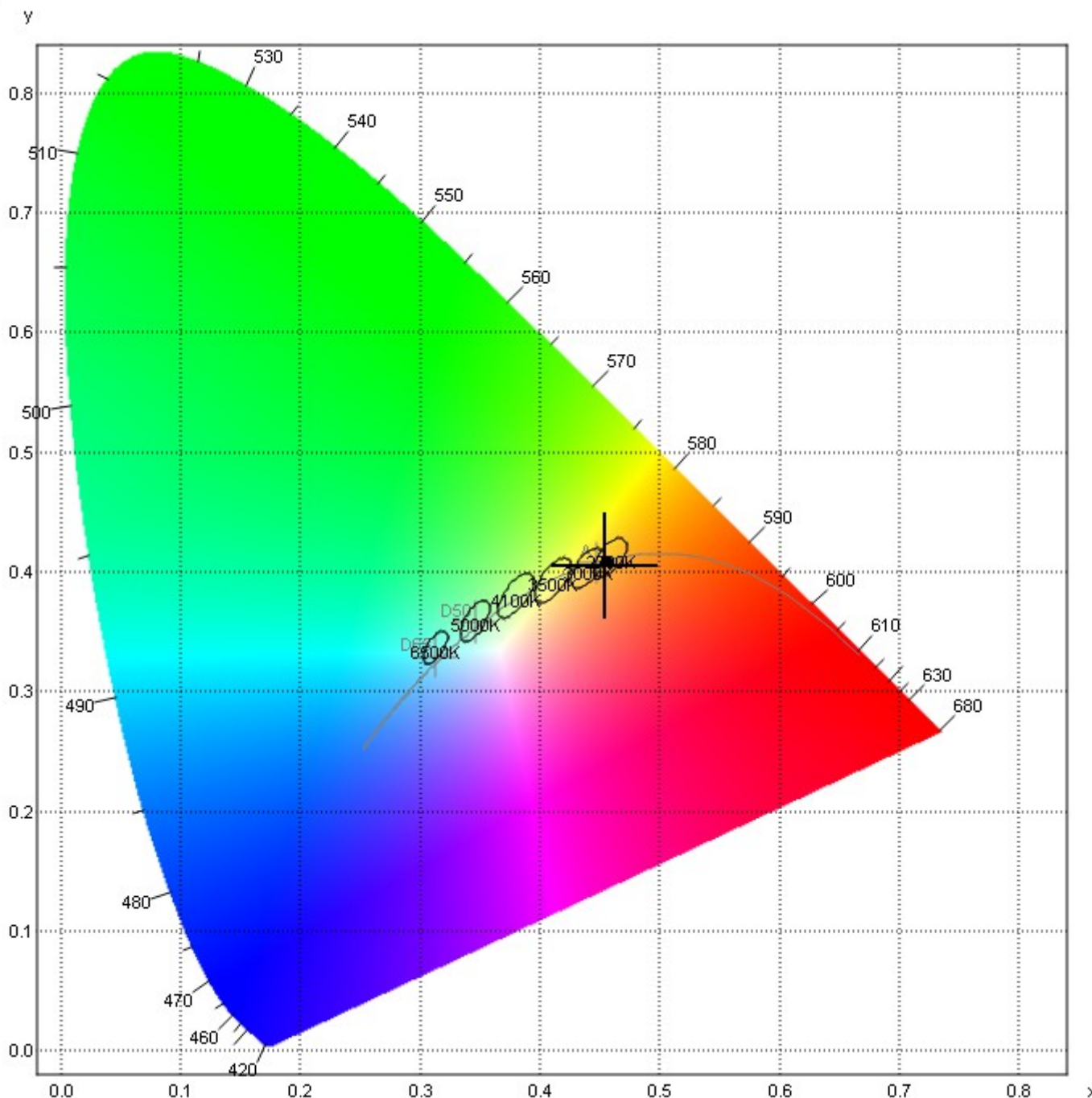
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Beam cone

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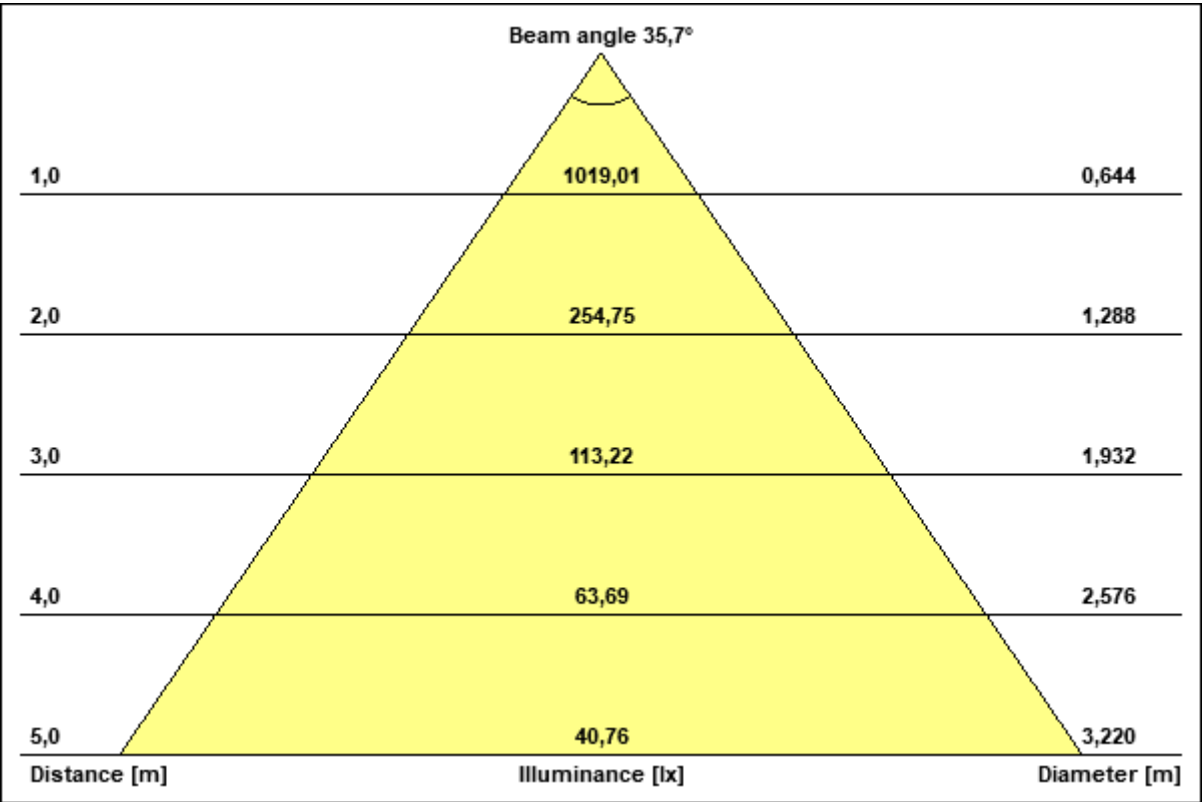
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Stabilization

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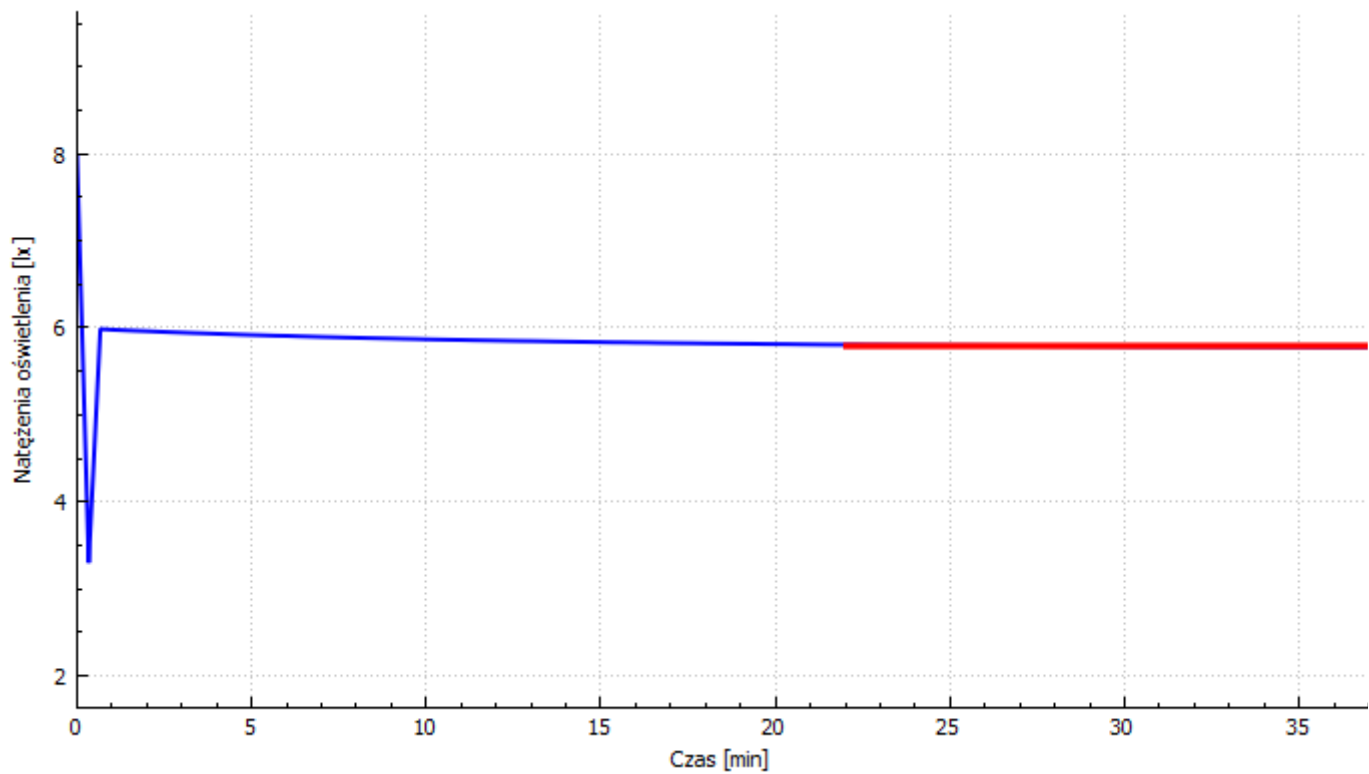
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3D Chart

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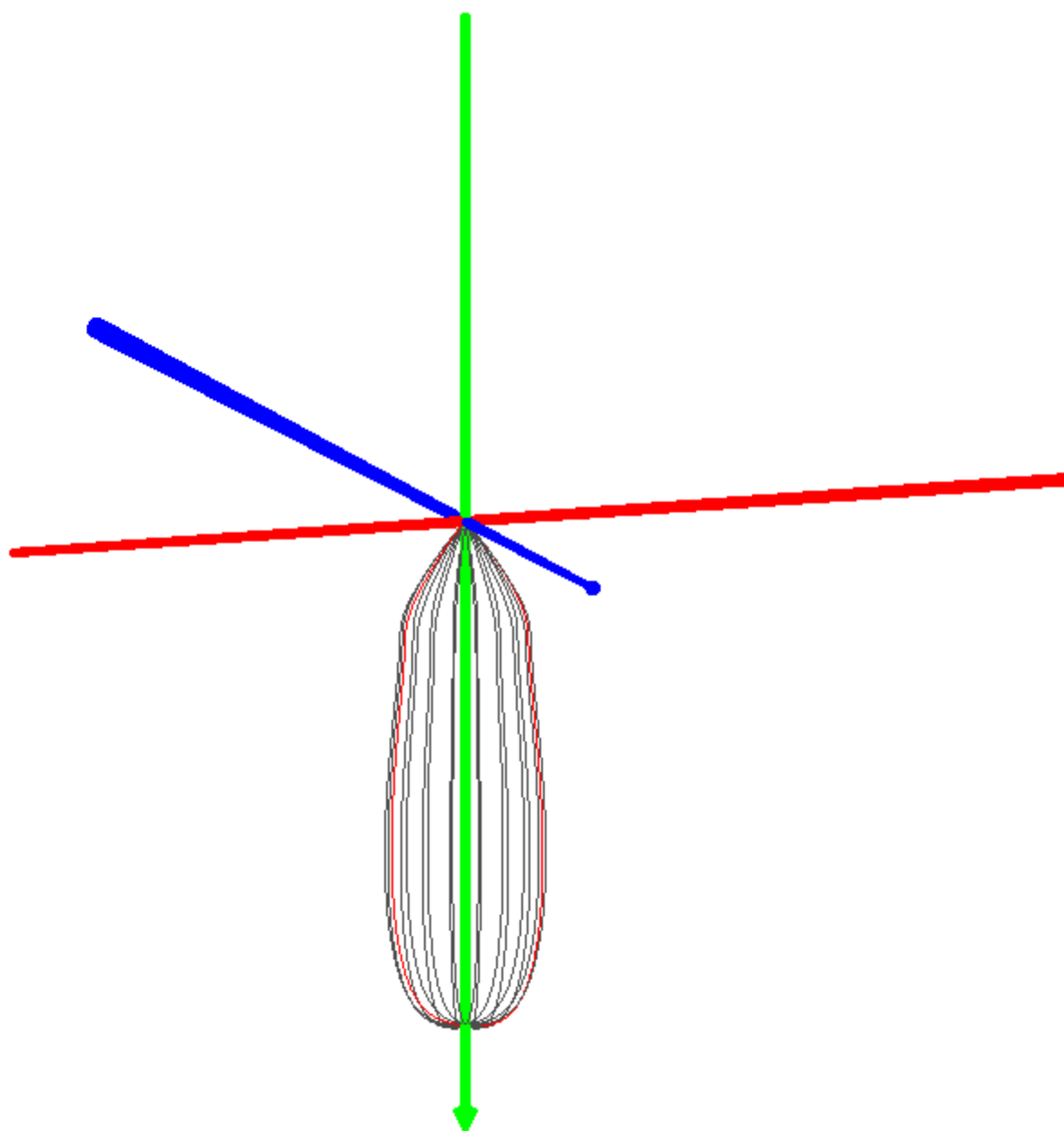
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
end
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			P(%f)
0	0,00518	0	0
1	100,000	100,000	100,000
2	0,00645	0	0
3	0,0279	95,487	-0,198
4	0,00215	0	0
5	0,0321	87,653	-0,368
6	0,000939	0	0
7	0,0255	76,931	0,169
8	0,00153	0	0
9	0,0241	64,443	0,287
10	0,00145	0	0
11	0,0182	51,562	-0,109
12	0	0	0
13	0,0196	39,829	-0,216
14	0,00146	0,111	0
15	0,0155	30,858	-0,0209
16	0	0,129	0
17	0,013	25,833	0,023
18	0	0,144	0,0148
19	0,0134	24,342	-0,0187
20	0,00112	0,164	0,00906
21	0,0165	24,420	0,0351

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22	0	0,192	0
23	0,0178	24,335	0,0359
24	0,00109	0,220	0
25	0,017	23,412	-0,0413
26	0	0,256	-0,0181
27	0,0168	21,743	-0,0378
28	0	0,289	0
29	0,0163	19,881	0,00936
30	0,00101	0,316	0
31	0,0168	18,270	-0,00096
32	0	0,336	0
33	0,0152	17,197	-0,00488
34	0	0,353	0
35	0,0156	16,527	0,0243
36	0,00107	0,360	0,00152
37	0,016	15,915	0,0143
38	0	0,363	0
39	0,0163	15,048	-0,0144
40	0	0,359	0
41	0,0165	13,825	-0,00528
42	0,000916	0,347	0
43	0,0147	12,334	0,00628
44	0,00124	0,328	0,00396
45	0,014	10,794	-0,00361
46	0	0,302	0
47	0,0106	9,430	-0,000416
48	0	0,273	0
49	0,0124	8,373	0,0108
50	0,00109	0,248	0,00179

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