

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: *AZ4656-6000K*

LuminaireName: *Kirke Track 1line CCT*

LuminaireNumber: *AZ4656*

FileName: *AZ46566000K.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: *810,63 lm*
Color temperatur: *6337 K*
Color rendering index: *81,75*
Wattage including ballast: *9,12 W*

Utilization factors:

k = 0.60	<i>0,703</i>
k = 0.80	<i>0,749</i>
k = 1.00	<i>0,799</i>
k = 1.25	<i>0,837</i>
k = 1.50	<i>0,865</i>
k = 2.00	<i>0,917</i>
k = 2.50	<i>0,927</i>
k = 3.00	<i>0,940</i>
k = 4.00	<i>0,961</i>
k = 5.00	<i>0,975</i>

Electrical parameters

<i>U</i>	<i>= 229,734 V</i>
<i>I</i>	<i>= 0,090 A</i>
<i>P</i>	<i>= 9,120 W</i>
<i>Power factor</i>	<i>= 0,443</i>

<i>Power apparent</i>	<i>= 20,572 VA</i>
<i>Power Reactive</i>	<i>= -14,343 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 194,679 %</i>

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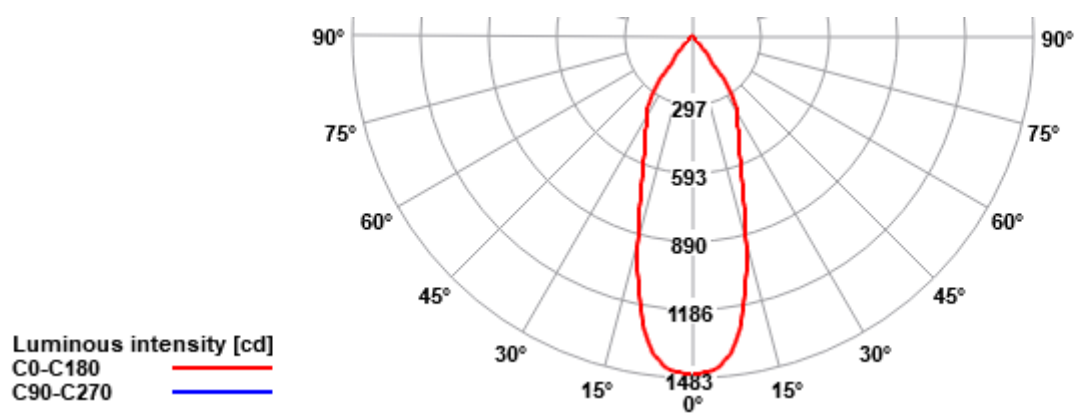
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	810,63 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1468,44 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	88,88 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3146
y	0,3398
Angular Colour Uniformity	0,0042

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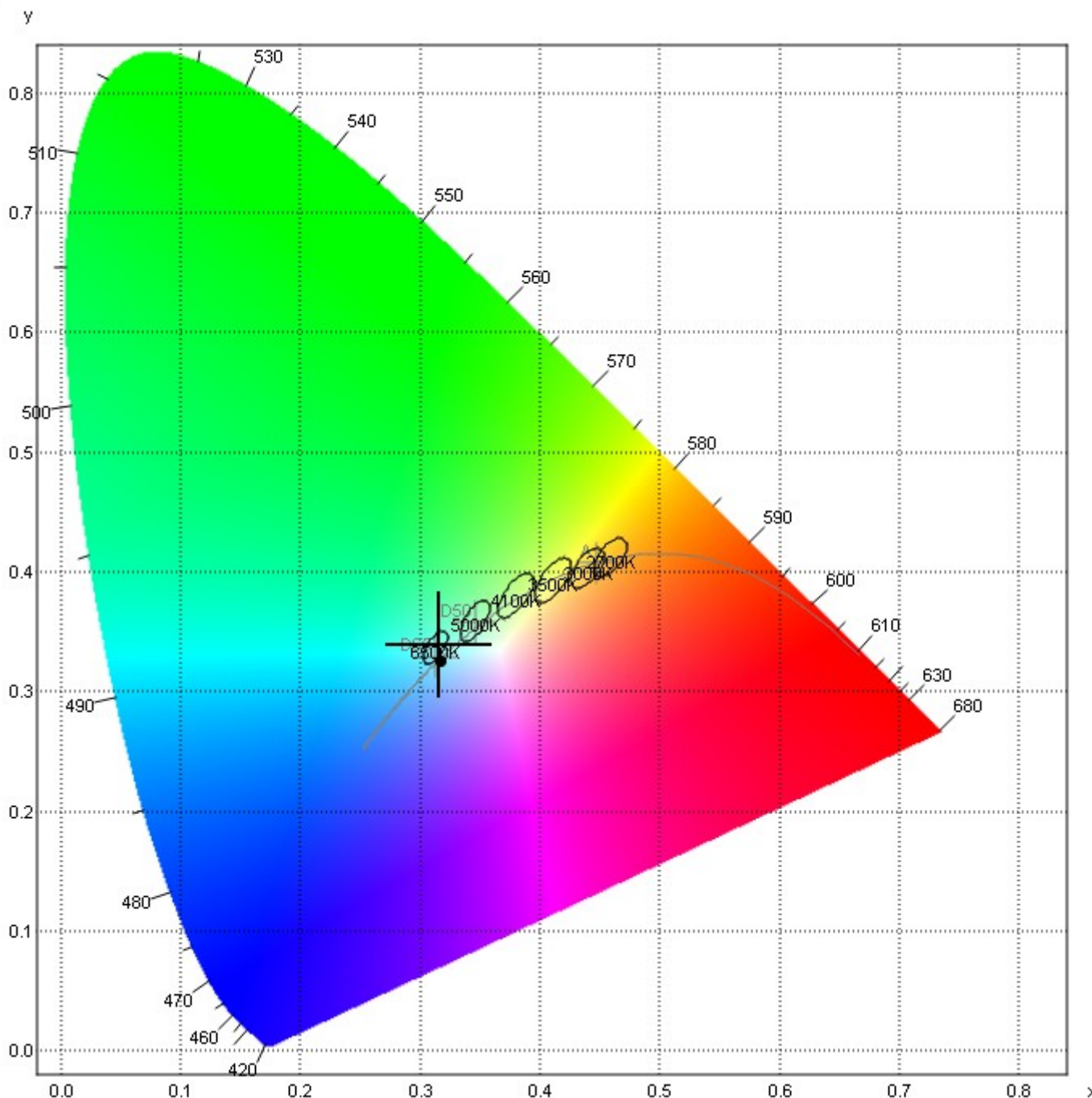
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Beam cone

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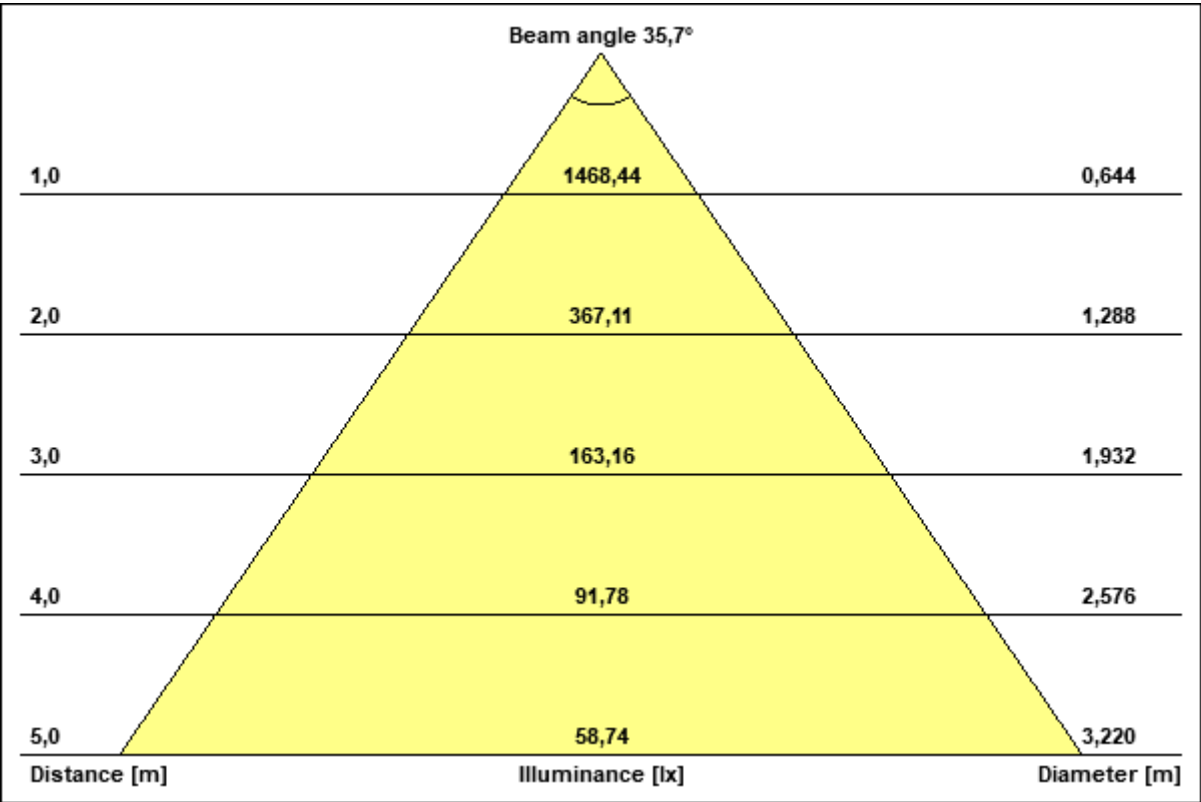
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Stabilization

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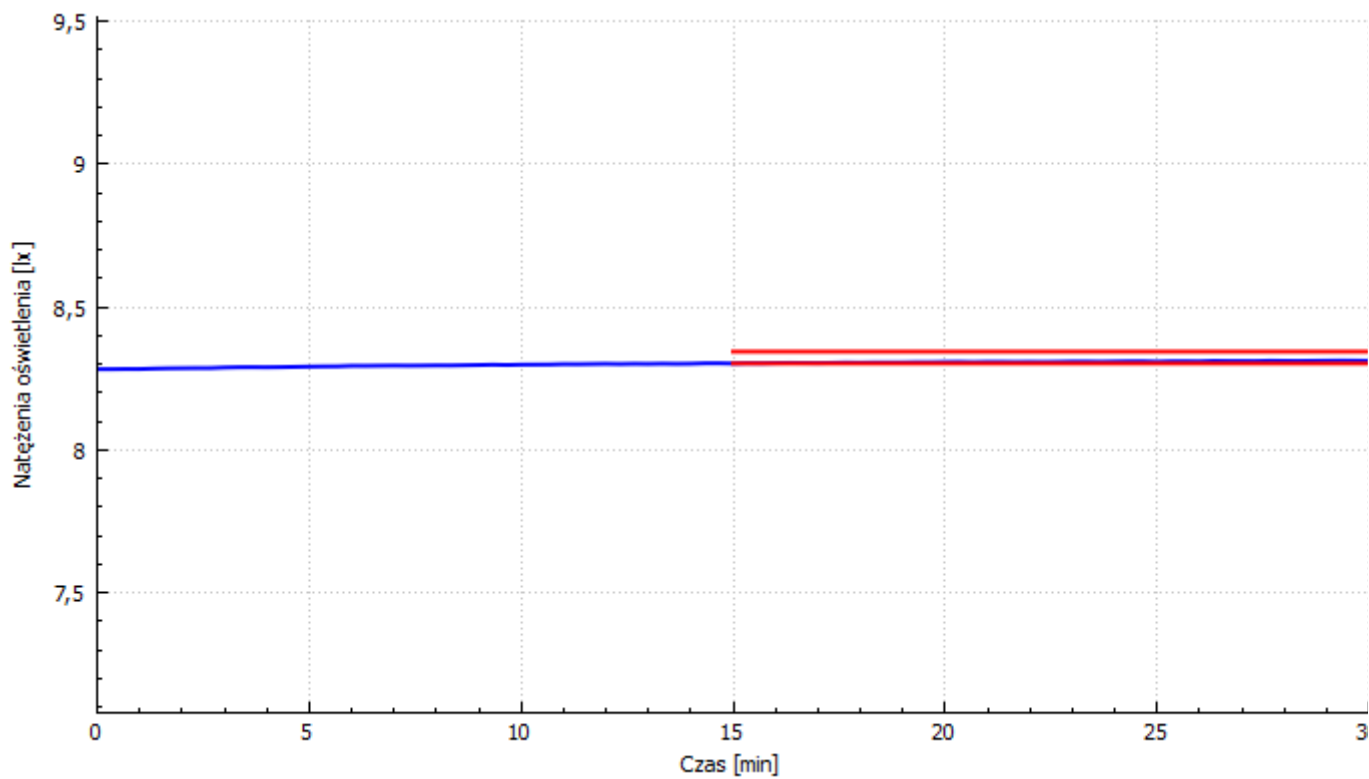
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3D Chart

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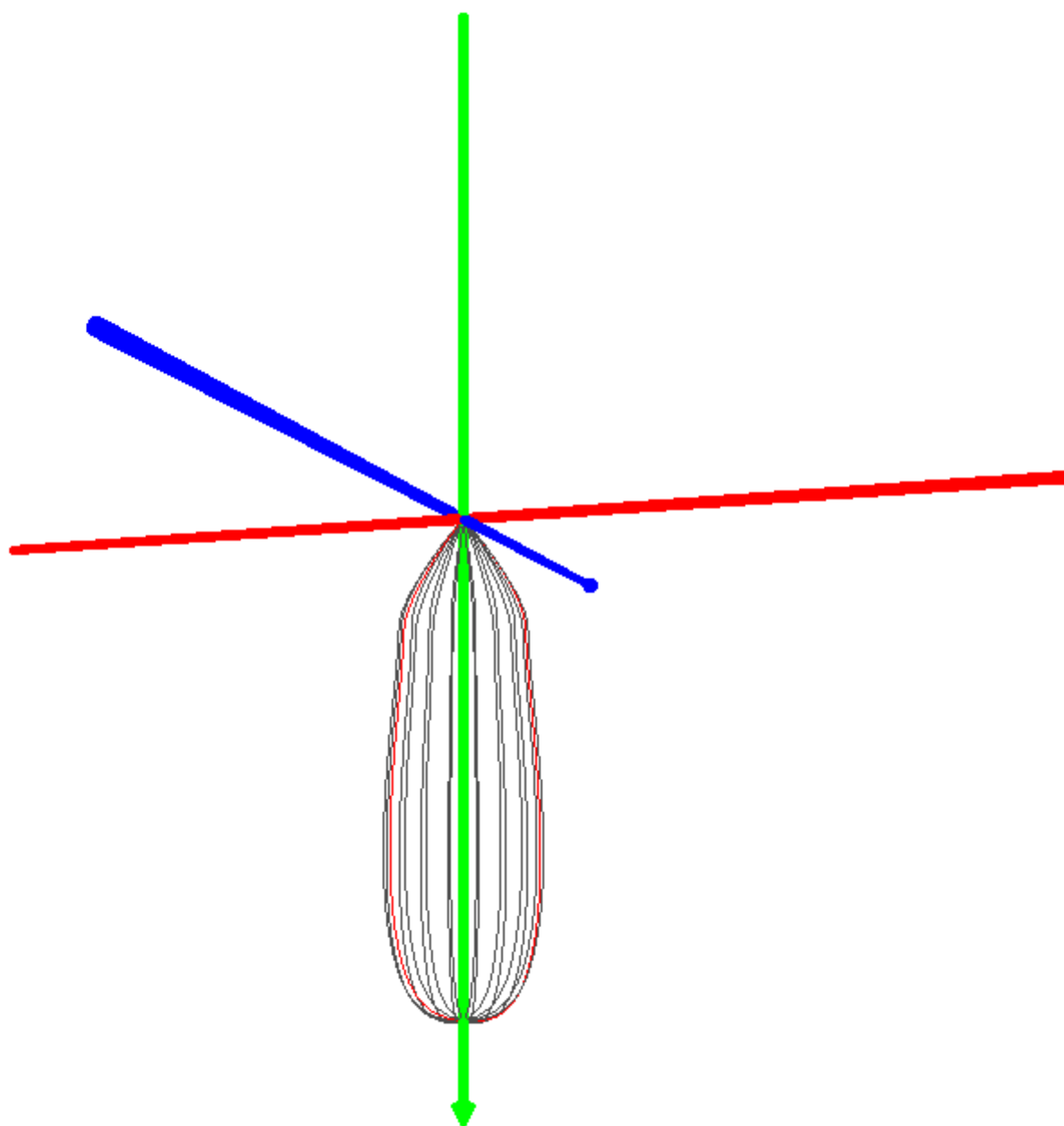
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

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			P(%f)
0	0,00952	0	0
1	100,000	100,000	100,000
2	0,00629	0	0
3	0,0274	95,473	0,0289
4	0,00255	0	0
5	0,0315	87,642	0,0247
6	0,000846	0	0
7	0,025	76,918	0,0173
8	0,00157	0	0
9	0,024	64,433	0,0119
10	0,00121	0	0
11	0,018	51,553	0,00544
12	0	0	0
13	0,0192	39,828	0,0054
14	0,00136	0	0
15	0,0158	30,873	0,00271
16	0	0,114	0
17	0,0128	25,863	0,00205
18	0	0,129	0
19	0,0138	24,387	0,00154
20	0,000865	0,143	0
21	0,0165	24,471	0,00191

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22	0	0,156	0
23	0,0175	24,376	0,0014
24	0,000946	0,180	0
25	0,0169	23,445	0,00169
26	0,00103	0,213	1,87e-06
27	0,0163	21,788	0,00148
28	0	0,252	0
29	0,0157	19,872	0,00125
30	0,00129	0,277	0
31	0,0171	18,238	0,00102
32	0	0,302	4,59e-06
33	0,0151	17,156	0,000937
34	0	0,316	0
35	0,0162	16,486	0,000911
36	0,00112	0,317	2,03e-06
37	0,0162	15,879	0,000756
38	0,00103	0,307	0
39	0,0159	15,029	0,000633
40	0,000959	0,288	0
41	0,0161	13,823	0,000378
42	0,000987	0,270	0
43	0,0143	12,353	0,000473
44	0,00102	0,255	4,96e-06
45	0,0138	10,835	0,000462
46	0,000971	0,241	0
47	0,0111	9,496	0,000235
48	0	0,233	0
49	0,0124	8,457	8,62e-05
50	0,000885	0,224	1,11e-06

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