

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Lotte 3line CCT Switch*
Item No: *AZ6088*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6088_6000K*
LuminaireName: *Lotte Track 3Line CCT Switch*
LuminaireNumber: *AZ6088*
FileName: *AZ6088_6000K.Idt*
Date: *2024-09-13*

Dimensions of luminaire

Length: *65 mm*
Width: *0 mm*
Height: *230 mm*

Dimensions of luminous area

Length: *45 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: *1917,78 lm*
Color temperatur: *6273 K*
Color rendering index: *91,61*
Wattage including ballast: *22,97 W*

Utilization factors:

k = 0.60	<i>0,711</i>
k = 0.80	<i>0,756</i>
k = 1.00	<i>0,804</i>
k = 1.25	<i>0,841</i>
k = 1.50	<i>0,868</i>
k = 2.00	<i>0,920</i>
k = 2.50	<i>0,929</i>
k = 3.00	<i>0,942</i>
k = 4.00	<i>0,963</i>
k = 5.00	<i>0,977</i>

Electrical parameters

<i>U</i>	<i>= 229,674 V</i>
<i>I</i>	<i>= 0,106 A</i>
<i>P</i>	<i>= 22,969 W</i>
<i>Power factor</i>	<i>= 0,948</i>

<i>Power apparent</i>	<i>= 24,234 VA</i>
<i>Power Reactive</i>	<i>= -7,720 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 8,186 %</i>

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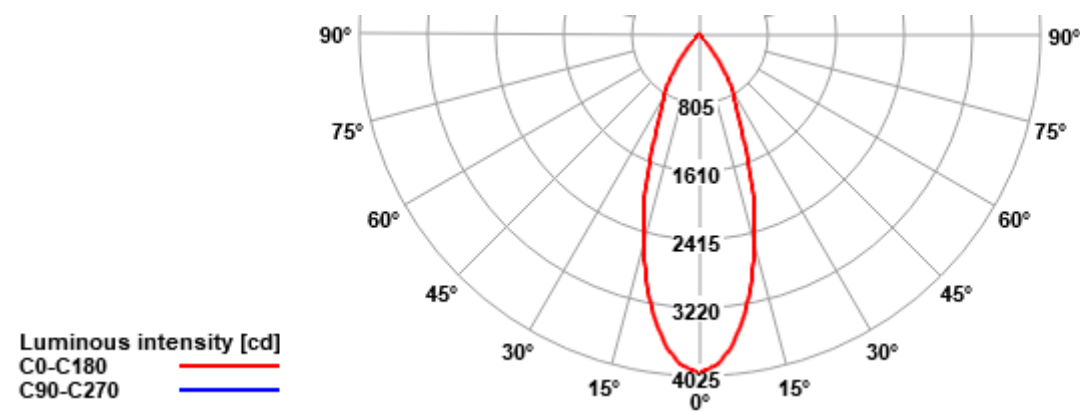
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1917,78 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	3985,55 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	83,49 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3169
y	0,3308
Angular Colour Uniformity	0,0045

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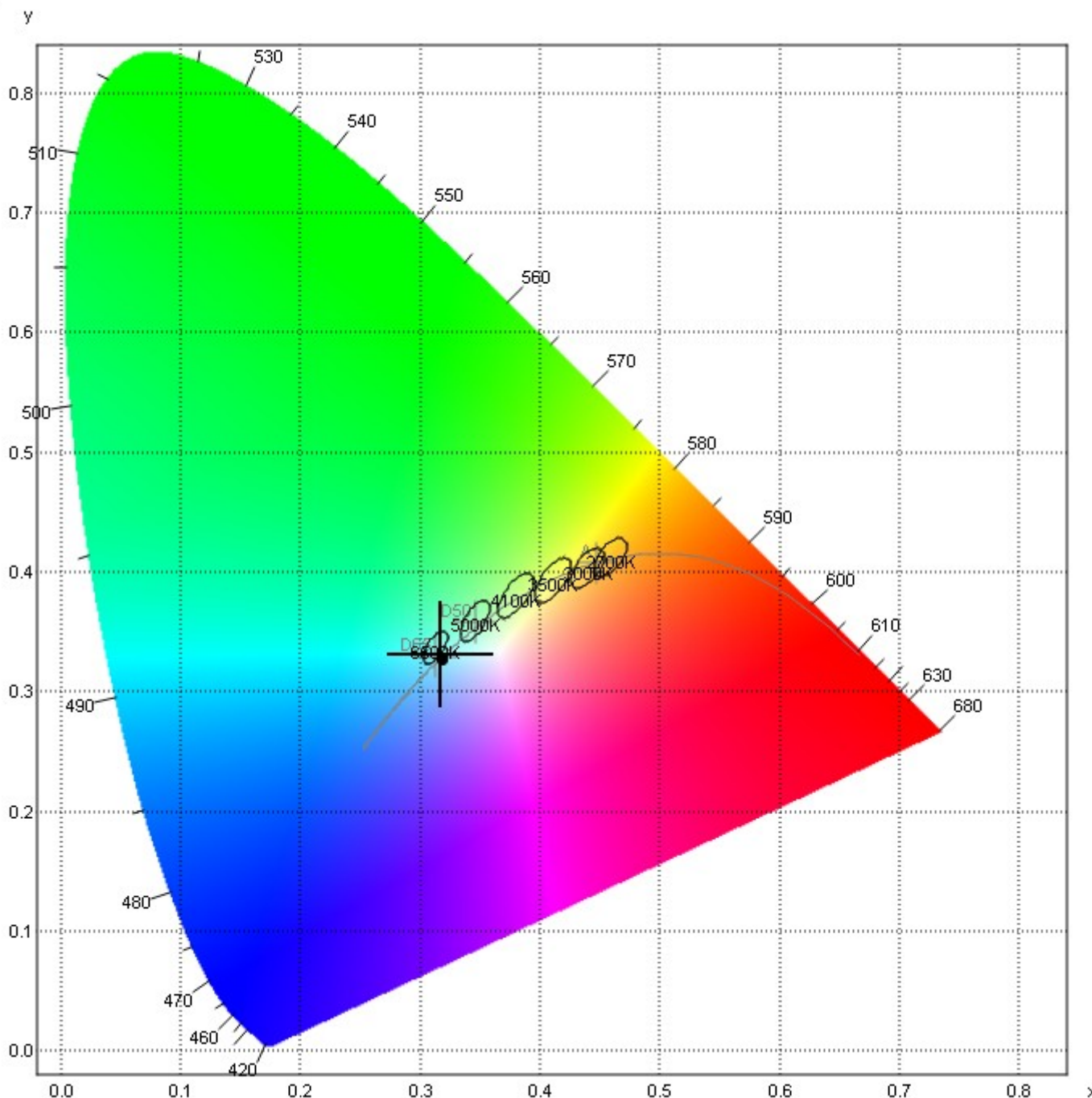
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Beam cone

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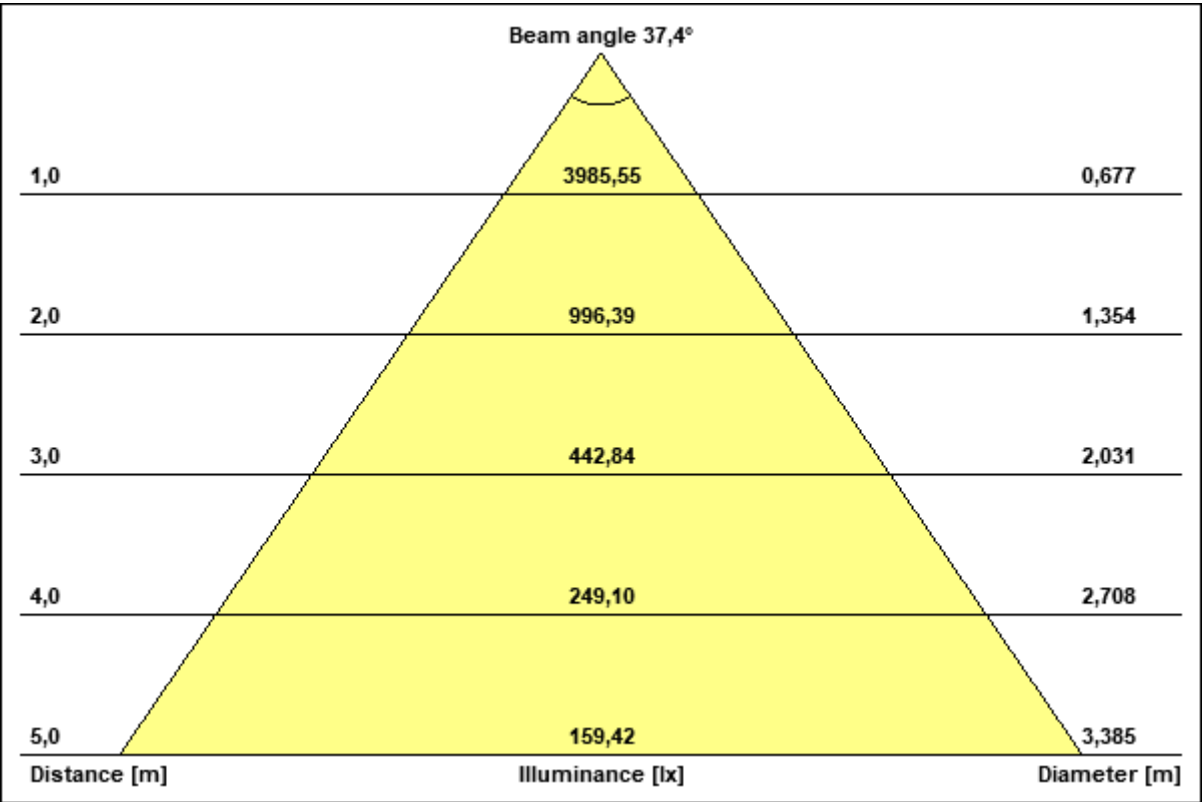
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Stabilization

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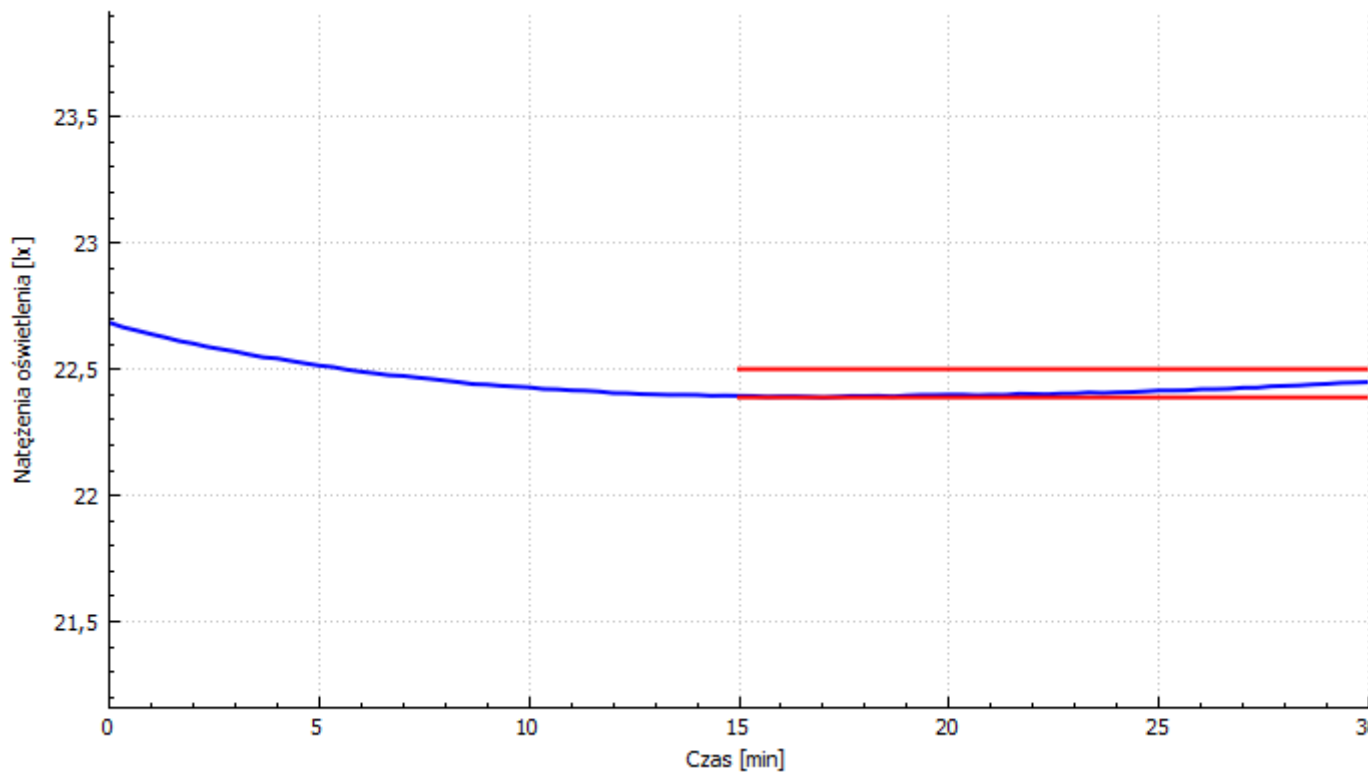
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3D Chart

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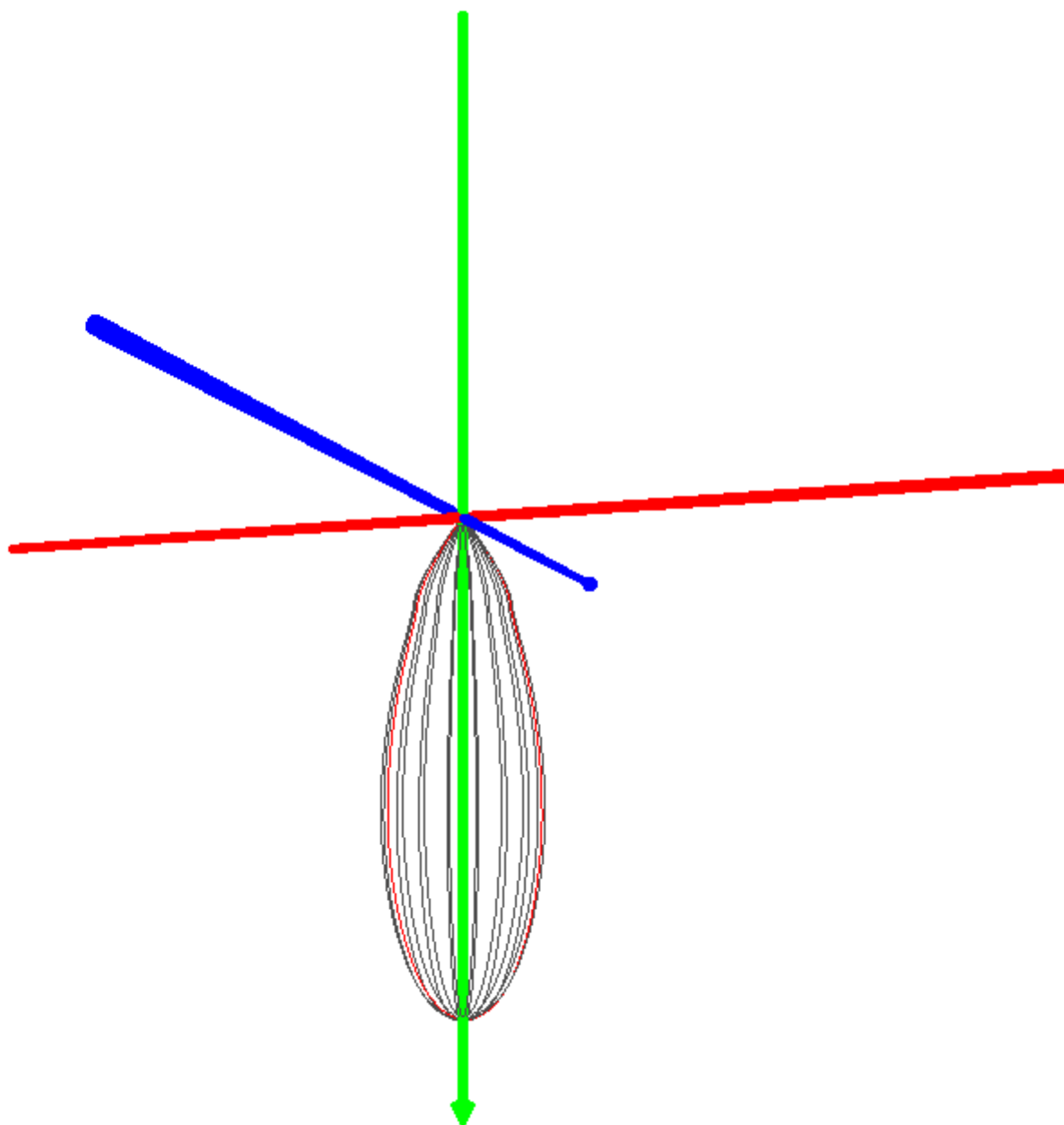
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0,00907	0	0
1	100,000	100,000	100,000
2	0,00633	0	0
3	0,0011	4,903	-0,000179
4	0,0025	0	0
5	0,00699	3,515	-0,000221
6	0,00192	0	0
7	0,00335	3,682	-9,52e-05
8	0,00135	0	0
9	0,0025	2,698	-2,72e-06
10	0,000985	0	0
11	0,00572	1,687	1,3e-05
12	0,00091	0	0
13	0,00331	1,114	-4,99e-06
14	0	0	0
15	0,00141	0,884	7,81e-06
16	0	0	0
17	0,00224	0,663	1,38e-05
18	0	0	0
19	0,000865	0,768	0
20	0	0	0
21	0,00102	0,951	-1,29e-05

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22	0,00116	0	0
23	0,0046	0,917	8,69e-06
24	0,00098	0	0
25	0,00128	0,550	4,46e-06
26	0	0	0
27	0	0,228	0
28	0	0	0
29	0,00104	0,350	0
30	0,00099	0	0
31	0,00154	0,375	-5,37e-06
32	0	0	0
33	0,00108	0,369	-1,15e-06
34	0	0	0
35	0,00242	0,516	1,95e-06
36	0	0	0
37	0,00145	0,540	4,26e-06
38	0	0	0
39	0,00109	0,366	0
40	0,000925	0	0
41	0,00225	0,252	-4,3e-06
42	0	0	0
43	0,00214	0,478	-2,79e-06
44	0	0	0
45	0,00257	0,538	1,11e-05
46	0,00091	0	0
47	0,00271	0,405	1,02e-05
48	0	0	0
49	0,00214	0,148	2,95e-06
50	0	0	0

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