

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa Niko 2 Track Magnetic 7W CCT Switch*
Item No: *AZ6249*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6249_3000*
LuminaireName: *Alfa Niko 2 Track Magnetic 2Line 7W CCT Switch*
LuminaireNumber: *AZ6249*
FileName: *AZ6249_3000.ldt*
Date: *2024-09-26*

Dimensions of luminaire

Length: *30 mm*
Width: *0 mm*
Height: *180 mm*

Dimensions of luminous area

Length: *20 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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NIP: 783-171-97-20

ul. Poznańska 70

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REGON 360317241

PL-62-040 Puszczkowo; Poland

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

KRS: 0000537079

Tel.: +48 61 819 40 03

SWIFT BIC: RCBWPLPW

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Type of lamps: *LED*
 Total luminous flux: *253,83 lm*
 Color temperatur: *2780 K*
 Color rendering index: *88,04*
 Wattage including ballast: *9,26 W*

Utilization factors:

$k = 0.60$	<i>0,726</i>
$k = 0.80$	<i>0,769</i>
$k = 1.00$	<i>0,816</i>
$k = 1.25$	<i>0,851</i>
$k = 1.50$	<i>0,877</i>
$k = 2.00$	<i>0,927</i>
$k = 2.50$	<i>0,935</i>
$k = 3.00$	<i>0,948</i>
$k = 4.00$	<i>0,968</i>
$k = 5.00$	<i>0,981</i>

Electrical parameters

U = *229,686 V*
 I = *0,057 A*
 P = *9,264 W*
 Power factor = *0,705*

Power apparent = *13,145 VA*
 Power Reactive = *-9,330 var*
 Frequency Voltage = *50,001 Hz*
 THD = *62,462 %*

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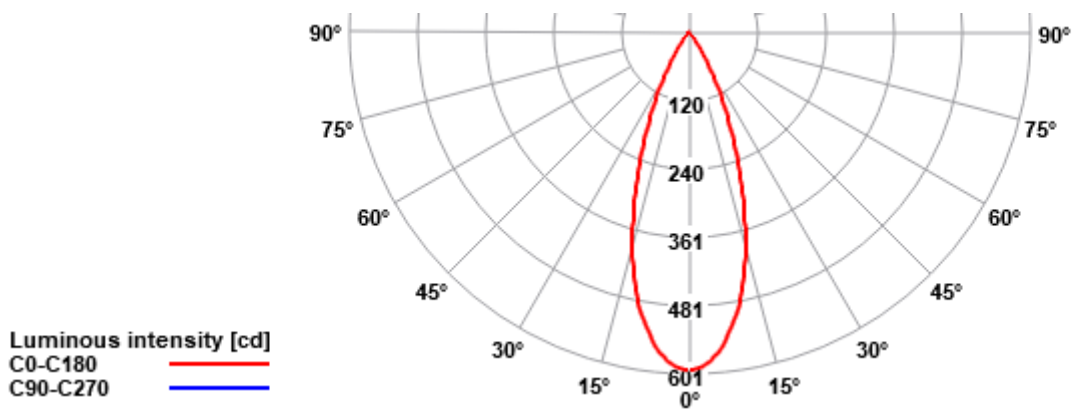
Kapitał 200.000PLN

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminaire flux)	253,83 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	594,89 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	27,41 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4477
y	0,3984
Angular Colour Uniformity	0,0061

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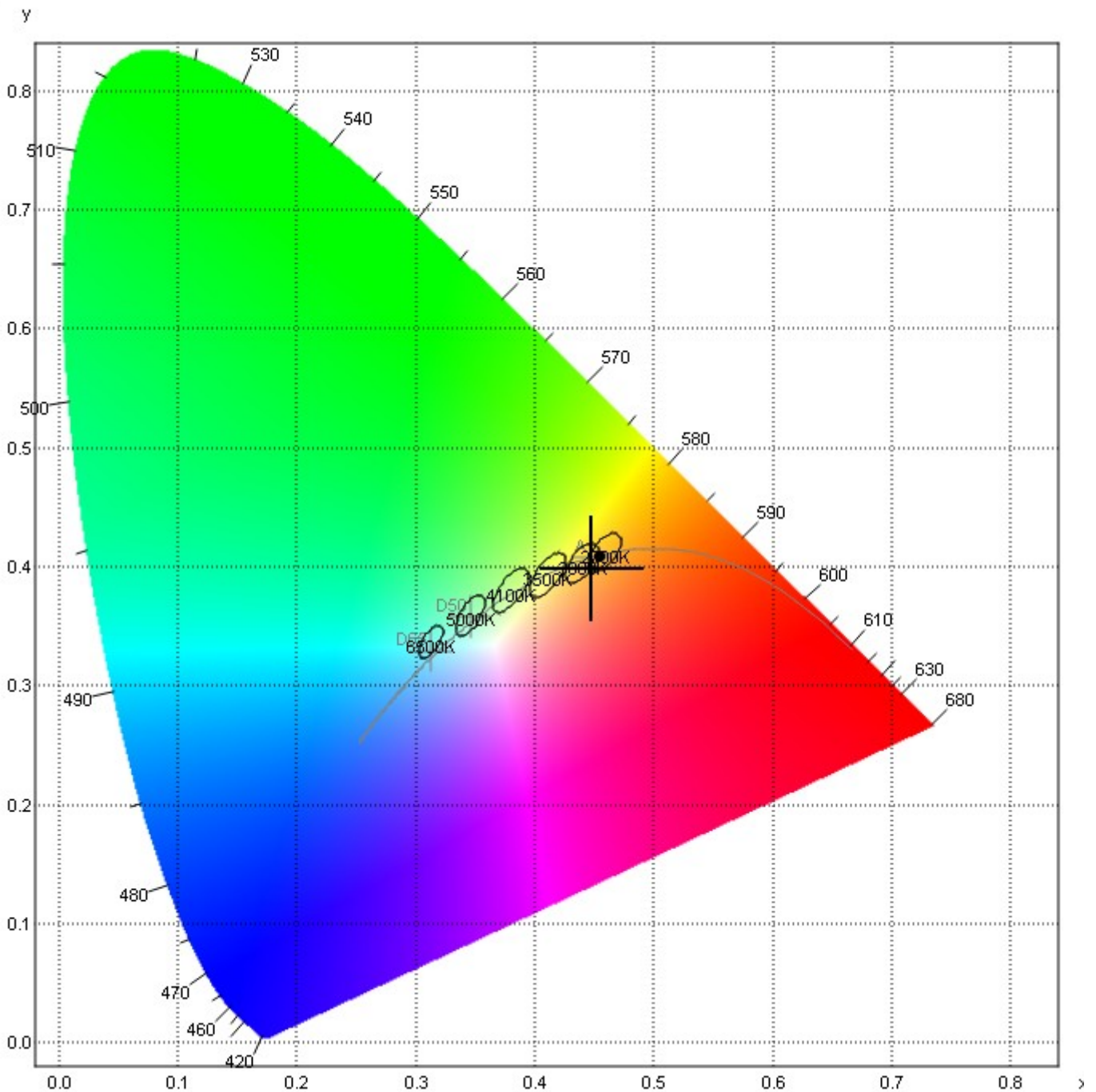
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Beam cone

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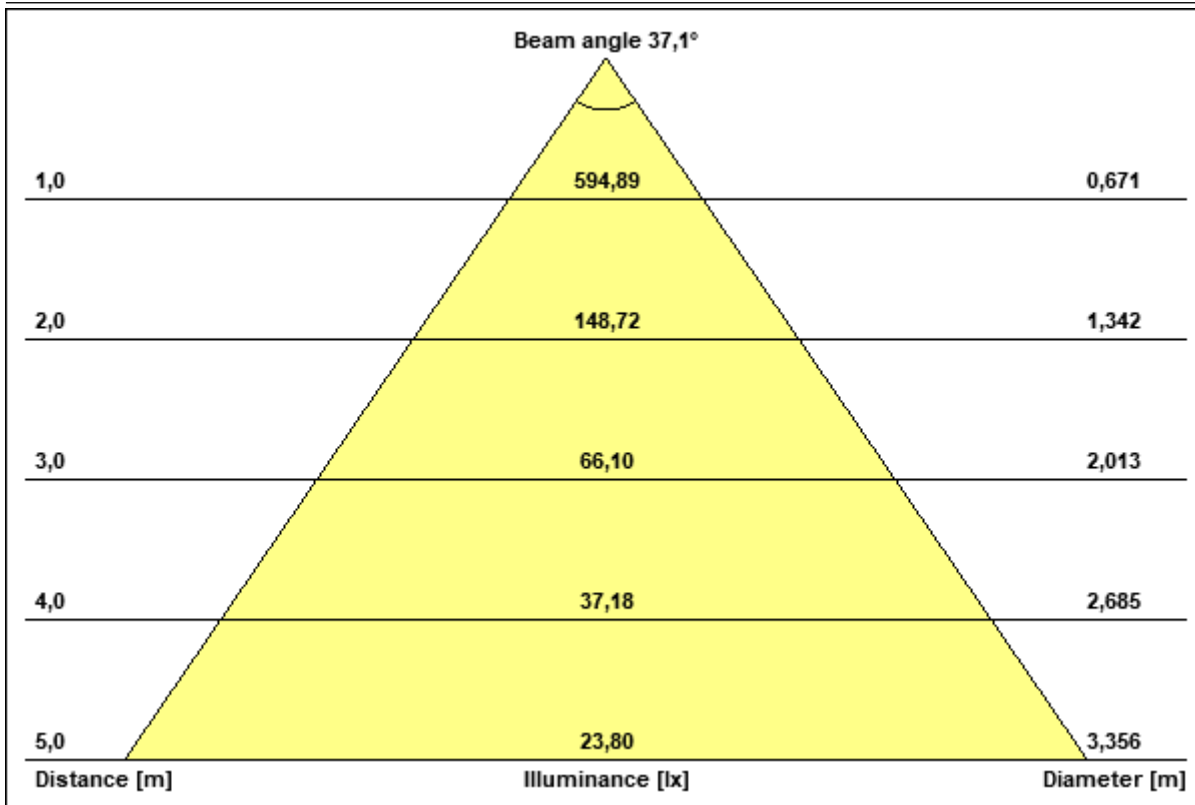
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Stabilization

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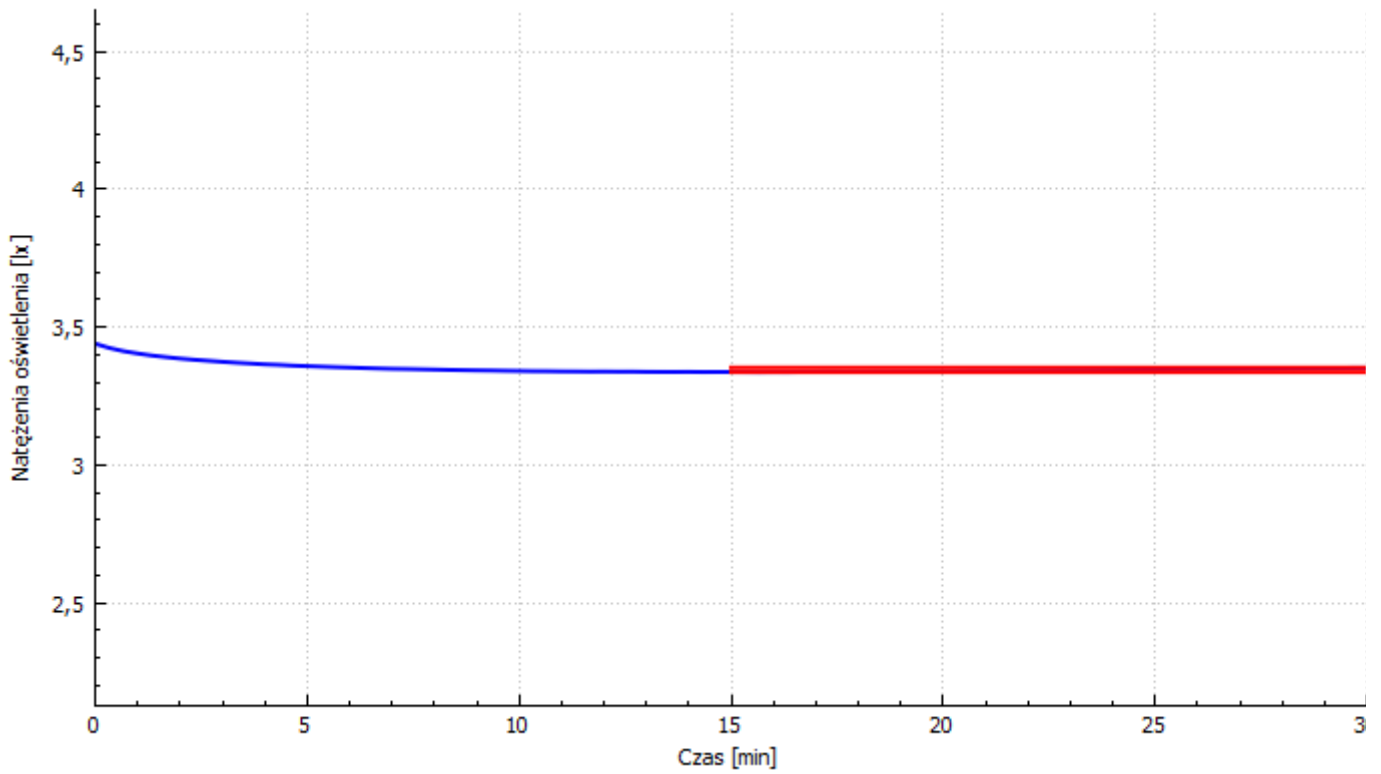
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3D Chart

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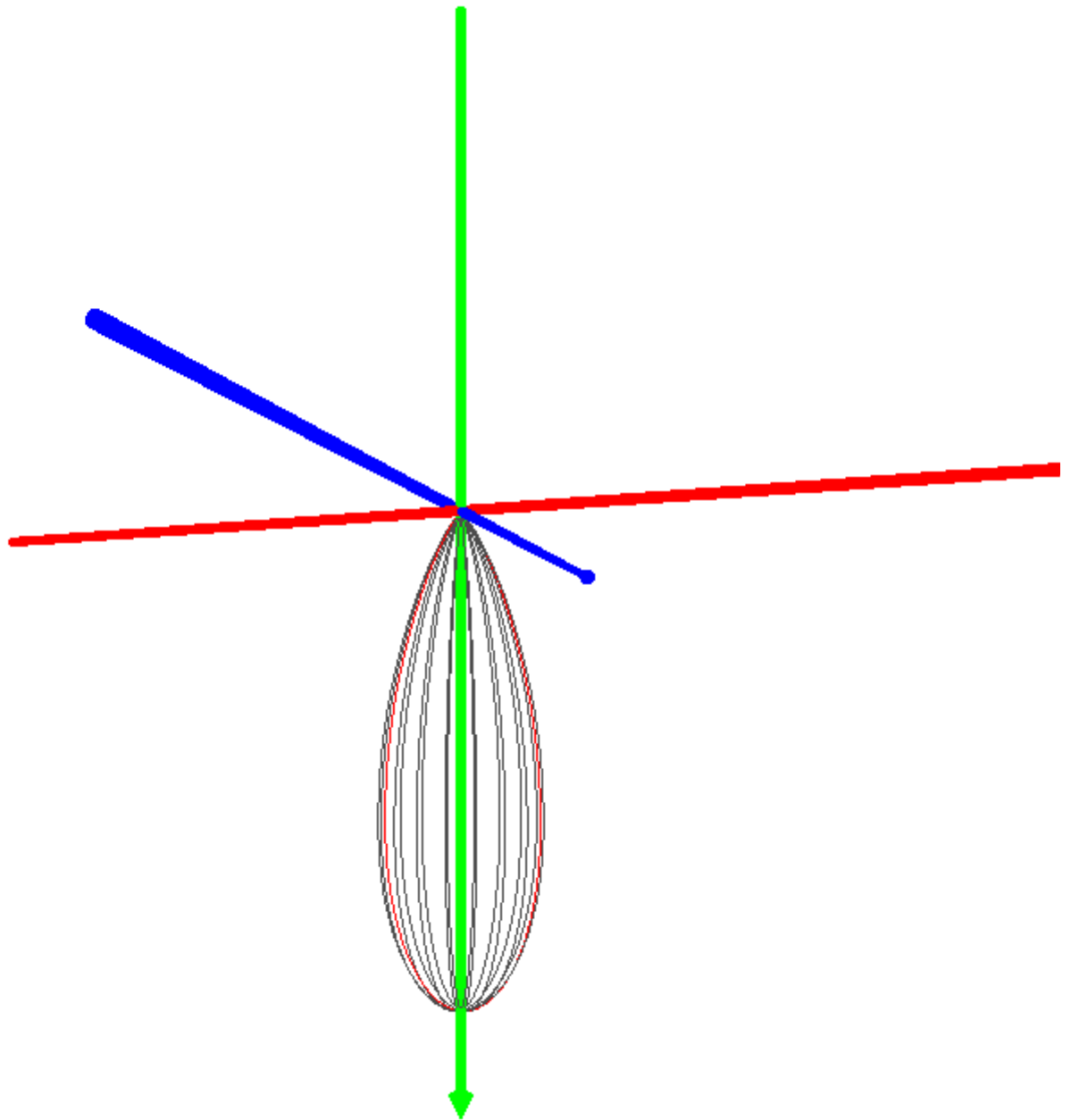
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

P(%f)

**Ext
end
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0	0,0424	0,400	0,000199
1	100,000	100,000	100,000
2	0,00429	0,698	2,69e-05
3	0,00864	49,871	0,00215
4	0,00325	0,649	1,69e-05
5	0	14,755	0
6	0,00114	0,671	6,98e-06
7	0,00403	18,535	0,000681
8	0	0,672	0
9	0,00206	9,406	0,000186
10	0	0,586	0
11	0,00359	9,125	0,000327
12	0	0,554	0
13	0,0016	11,238	-0,000118
14	0	0,509	0
15	0,00479	8,815	-6,64e-05
16	0	0,478	0
17	0,00544	8,035	9,28e-05
18	0	0,479	0
19	0,00587	8,596	0,00014
20	0	0,481	0
21	0,00174	2,827	5,91e-05

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22	0	0,393	0
23	0,00436	3,451	0,000148
24	0	0,420	0
25	0,00365	5,640	5,77e-05
26	0	0,277	0
27	0,00597	5,186	-2,97e-07
28	0	0,296	0
29	0,00651	6,137	-1,6e-05
30	0	0,152	0
31	0,00893	7,596	9,26e-05
32	0	0,354	0
33	0,00566	4,146	7,23e-05
34	0	0,219	0
35	0,0047	4,356	2,98e-05
36	0	0,323	0
37	0,00154	2,831	8,29e-06
38	0	0,184	0
39	0,00354	1,833	-1,02e-05
40	0	0,330	0
41	0,00739	3,197	-4,61e-05
42	0	0,374	0
43	0,00922	5,216	0,000142
44	0,00112	0,459	-1,12e-05
45	0,00678	4,176	9,79e-05
46	0,00109	0,439	-1,18e-05
47	0,00733	4,698	0,000104
48	0,00109	0,399	-5,44e-06
49	0,00515	4,210	-4,61e-05
50	0,000876	0,430	-3,42e-06

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