

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa Niko 2 Track Magnetic 2x7W CCT Switch*
Item No: *AZ6252*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6252_3000*
LuminaireName: *Alfa Niko 2 Track Magnetic 2Line 2x7W CCT Switch*
LuminaireNumber: *AZ6252*
FileName: *AZ6252_3000.ldt*
Date: *2024-09-24*

Dimensions of luminaire

Length: *120 mm*
Width: *0 mm*
Height: *170 mm*

Dimensions of luminous area

Length: *110 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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Raiffeisen Bank Polska S.A.

NIP: 783-171-97-20

ul. Poznańska 70

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

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: *507,39 lm*
 Color temperatur: *2820 K*
 Color rendering index: *87,75*
 Wattage including ballast: *16,05 W*

Utilization factors:

k = 0.60 *0,725*
k = 0.80 *0,767*
k = 1.00 *0,815*
k = 1.25 *0,850*
k = 1.50 *0,876*
k = 2.00 *0,927*
k = 2.50 *0,934*
k = 3.00 *0,947*
k = 4.00 *0,967*
k = 5.00 *0,980*

Electrical parameters

U = *229,684 V*
I = *0,087 A*
P = *16,050 W*
Power factor = *0,807*

Power apparent = *19,876 VA*
Power Reactive = *-11,728 var*
Frequency Voltage = *49,999 Hz*
THD = *38,365 %*

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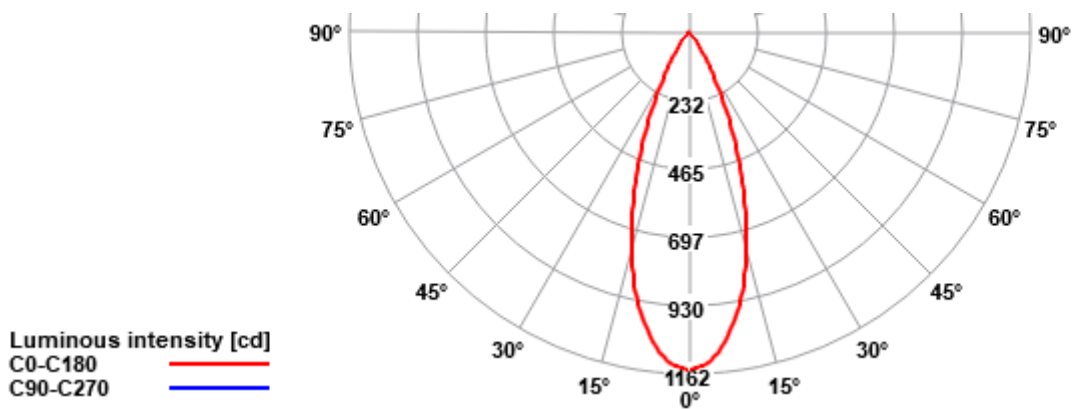
Kapitał 200.000PLN

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminaire flux)	507,39 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1150,94 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	31,61 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4441
y	0,3964
Angular Colour Uniformity	0,0051

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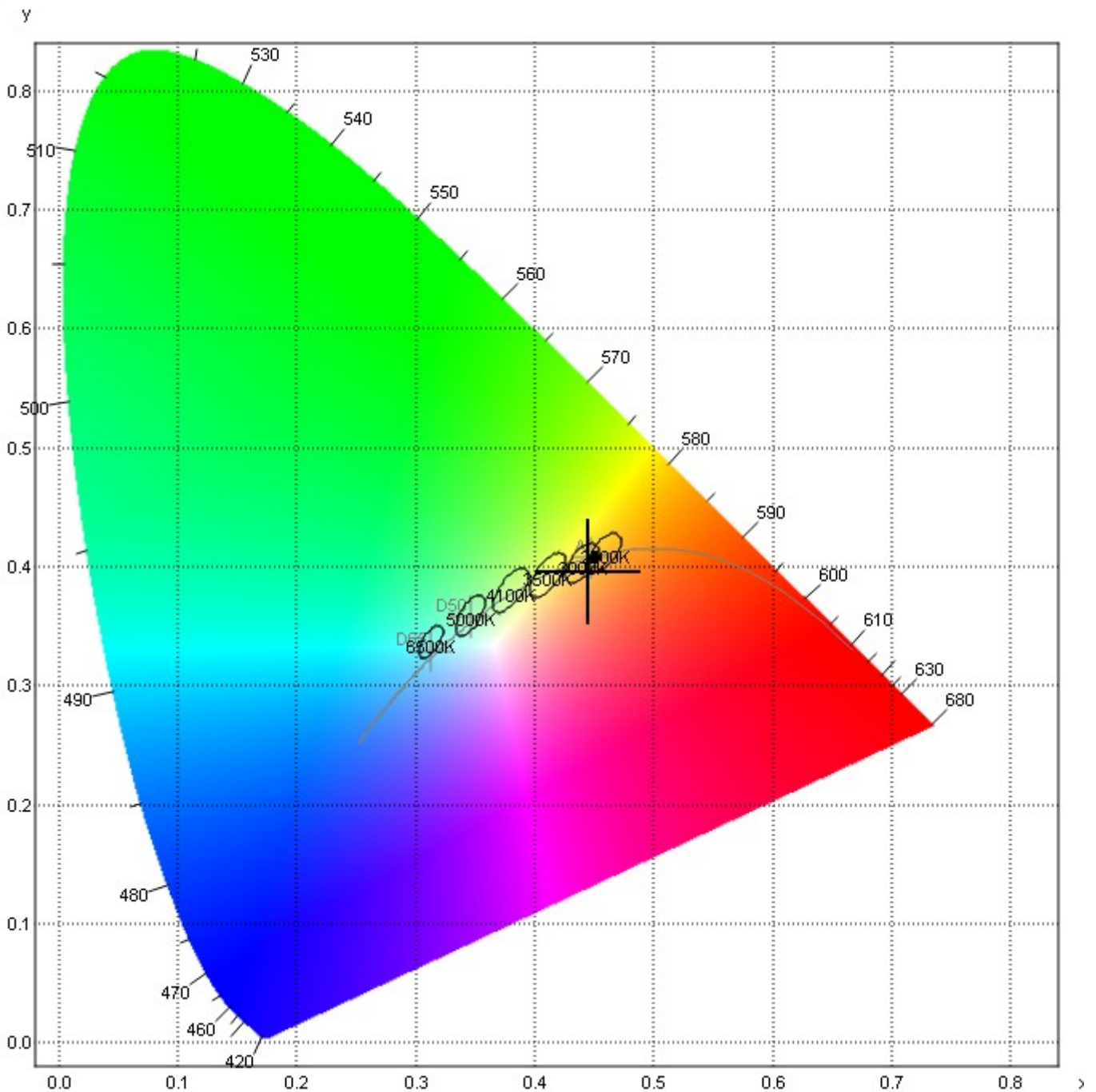
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Beam cone

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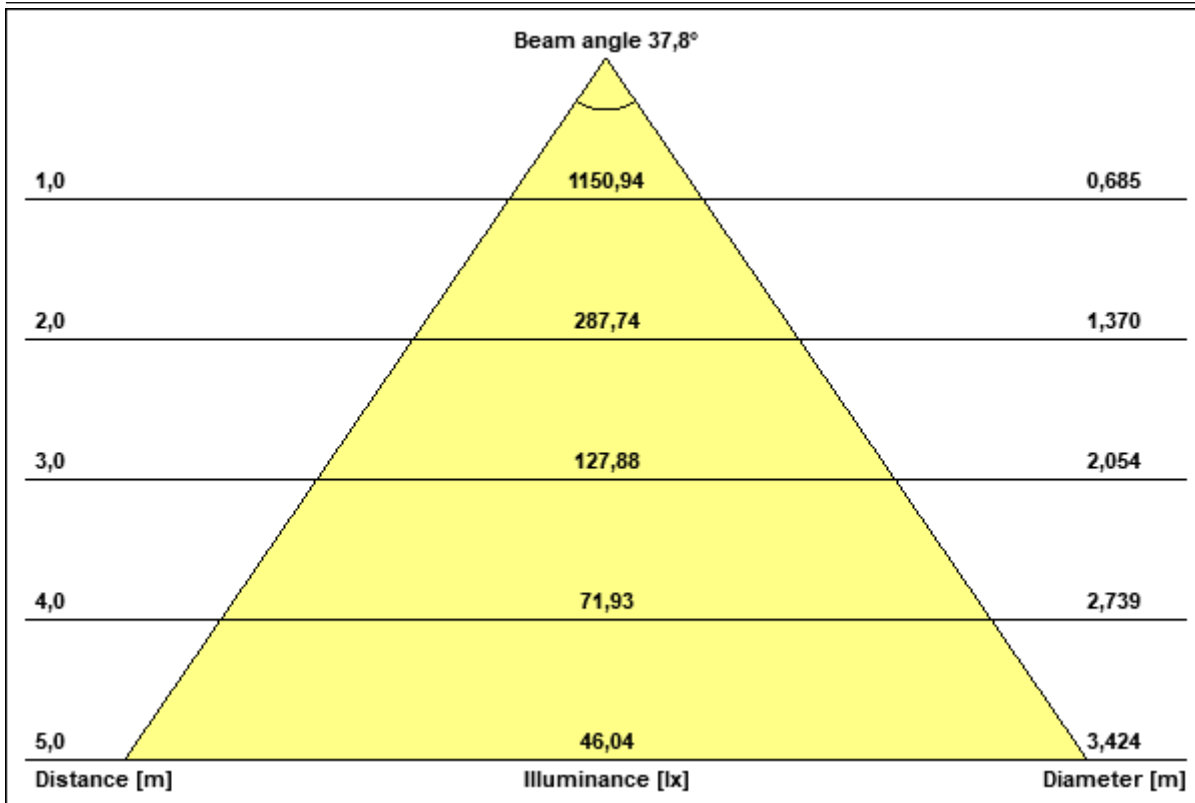
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Stabilization

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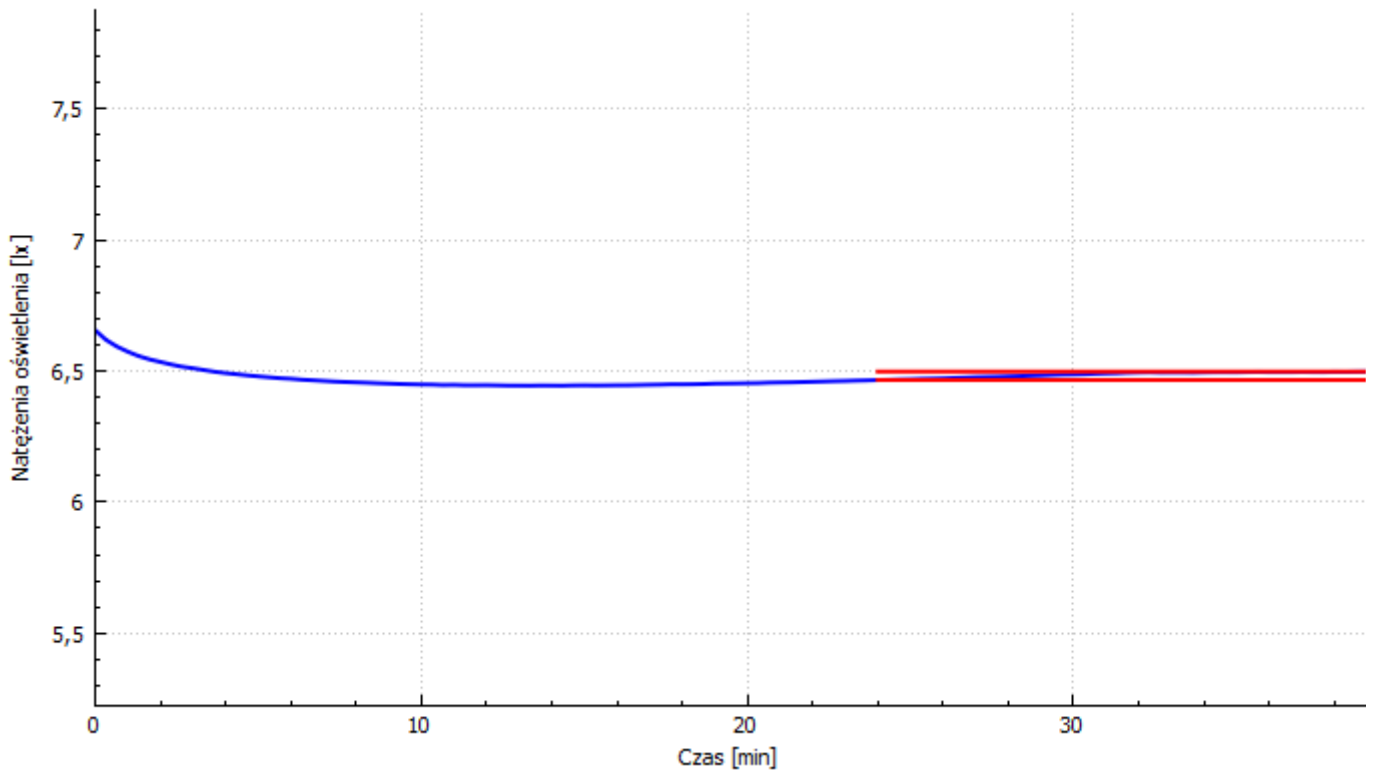
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3D Chart

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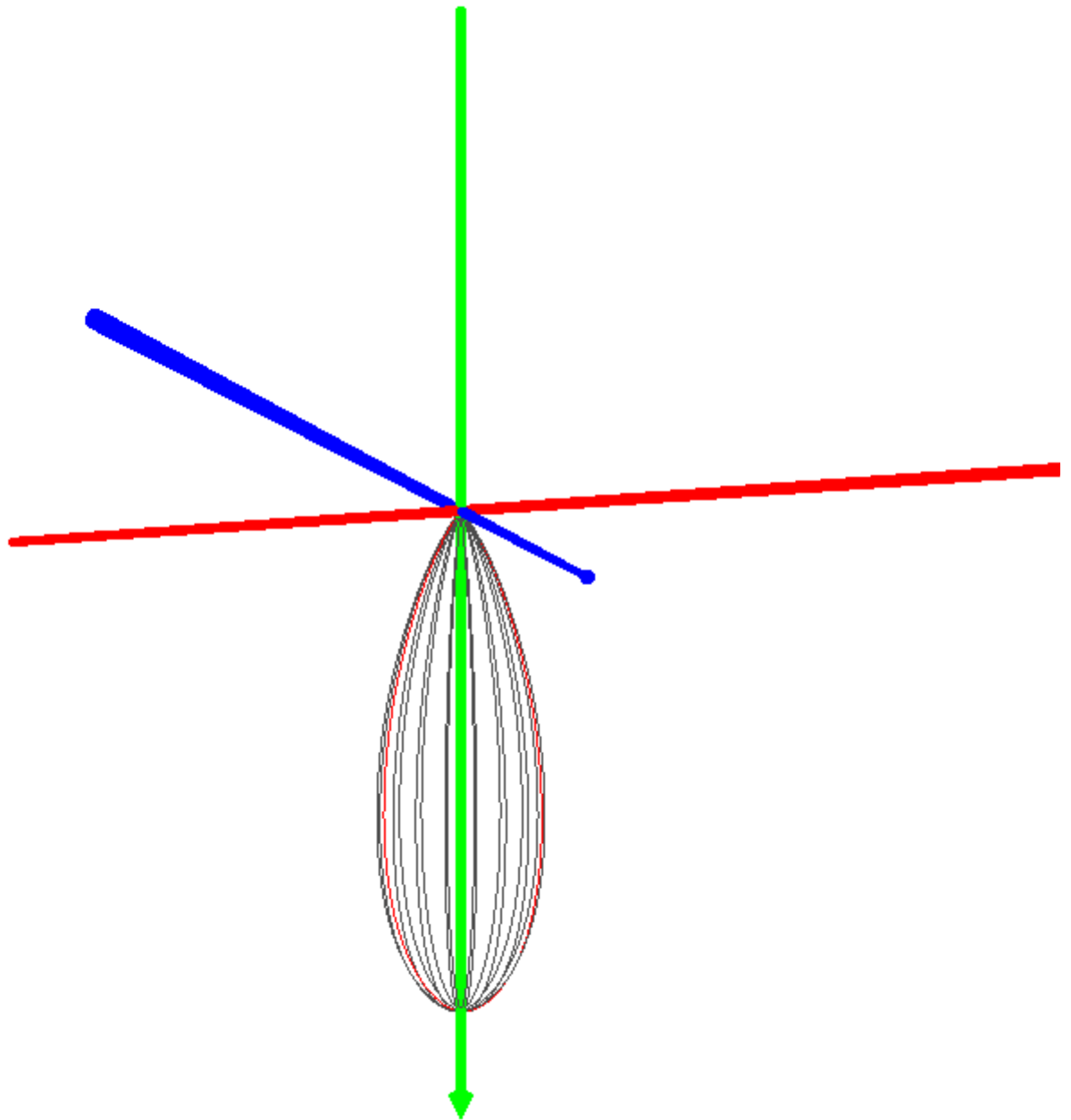
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

P(%f)

**Ext
end
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0	0,00806	0,296	-8,31e-07
1	100,000	100,000	100,000
2	0,00504	0,161	-1,74e-05
3	0,00897	29,415	0,000607
4	0,00313	0,238	-5,75e-06
5	0,00295	15,881	0,000438
6	0,00174	0,410	-1,14e-06
7	0,00359	8,346	0,000246
8	0,00098	0,403	-5,5e-07
9	0,00362	5,993	0,000146
10	0	0,417	0
11	0,00833	7,181	0,00033
12	0	0,433	0
13	0,00446	3,637	0,000172
14	0,000924	0,465	9,02e-07
15	0,0025	3,813	4,36e-05
16	0	0,387	0
17	0,0045	4,650	-2,24e-05
18	0,00092	0,436	-1,22e-07
19	0,00297	2,789	2,31e-06
20	0	0,444	0
21	0,00638	5,249	5,7e-05

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22	0,00104	0,458	1,45e-06
23	0,00422	4,402	-6,18e-05
24	0,00119	0,520	1,55e-06
25	0,00597	4,262	2,97e-05
26	0,00143	0,583	1,42e-06
27	0,00729	4,765	9,26e-05
28	0,00115	0,575	1,47e-06
29	0,00445	2,835	1,65e-05
30	0,000855	0,651	6,74e-07
31	0,00642	3,634	0,000113
32	0	0,708	0
33	0,00165	1,999	2,01e-05
34	0,00117	0,633	1,34e-06
35	0,00242	1,699	7,02e-06
36	0,00107	0,649	-3,19e-08
37	0,003	1,708	-1,36e-05
38	0,00135	0,605	1,92e-07
39	0,00404	1,273	-2,63e-05
40	0,000993	0,558	6,36e-07
41	0,00674	1,818	-7e-05
42	0,00134	0,489	-7e-07
43	0,00749	2,774	1,82e-05
44	0,00151	0,543	-4,32e-07
45	0,00662	2,386	2,4e-05
46	0,00149	0,445	-1,59e-07
47	0,00859	3,210	6,29e-05
48	0	0,513	0
49	0,00693	2,870	5,22e-05
50	0,0017	0,513	6,15e-07

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