

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa 2Line Porto 12W CCT Switch DIMM*
Item No: *AZ6254*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6254_6000*
LuminaireName: *Alfa 2Line Porto 12W CCT Switch DIMM*
LuminaireNumber: *AZ6254*
FileName: *AZ6254_6000.ldt*
Date: *2024-10-03*

Dimensions of luminaire

Length: *40 mm*
Width: *0 mm*
Height: *330 mm*

Dimensions of luminous area

Length: *30 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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PLN: IBAN 78 1750 0012 0000 0000 2709 9432
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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20
REGON 360317241
KRS: 0000537079
Kapitał 200.000PLN

Type of lamps: *LED*
 Total luminous flux: *692,93 lm*
 Color temperatur: *6497 K*
 Color rendering index: *90,22*
 Wattage including ballast: *14,71 W*

Utilization factors:

k = 0.60	<i>0,698</i>
k = 0.80	<i>0,746</i>
k = 1.00	<i>0,797</i>
k = 1.25	<i>0,835</i>
k = 1.50	<i>0,864</i>
k = 2.00	<i>0,916</i>
k = 2.50	<i>0,926</i>
k = 3.00	<i>0,939</i>
k = 4.00	<i>0,960</i>
k = 5.00	<i>0,974</i>

Electrical parameters

U = *229,681 V*
I = *0,081 A*
P = *14,706 W*
Power factor = *0,791*

Power apparent = *18,589 VA*
Power Reactive = *-11,371 var*
Frequency Voltage = *50,005 Hz*
THD = *42,047 %*

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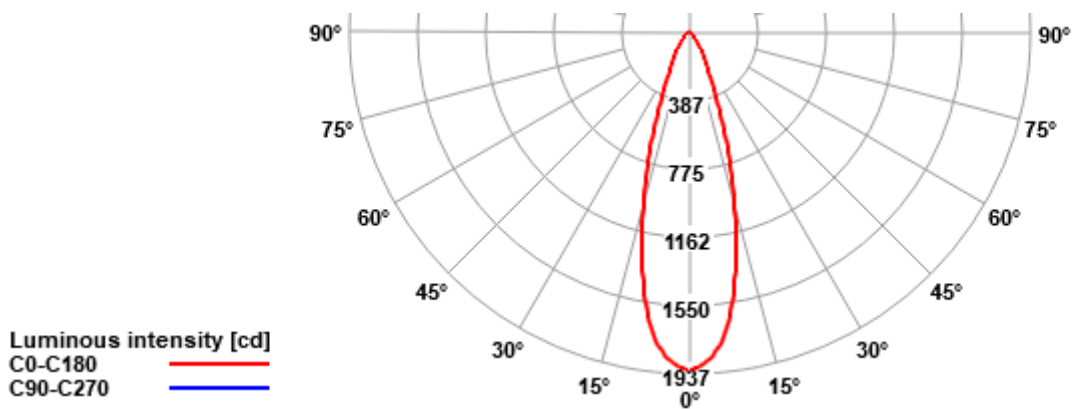
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminaire flux)	692,93 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1918,29 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	47,11 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3128
y	0,3296
Angular Colour Uniformity	0,0063

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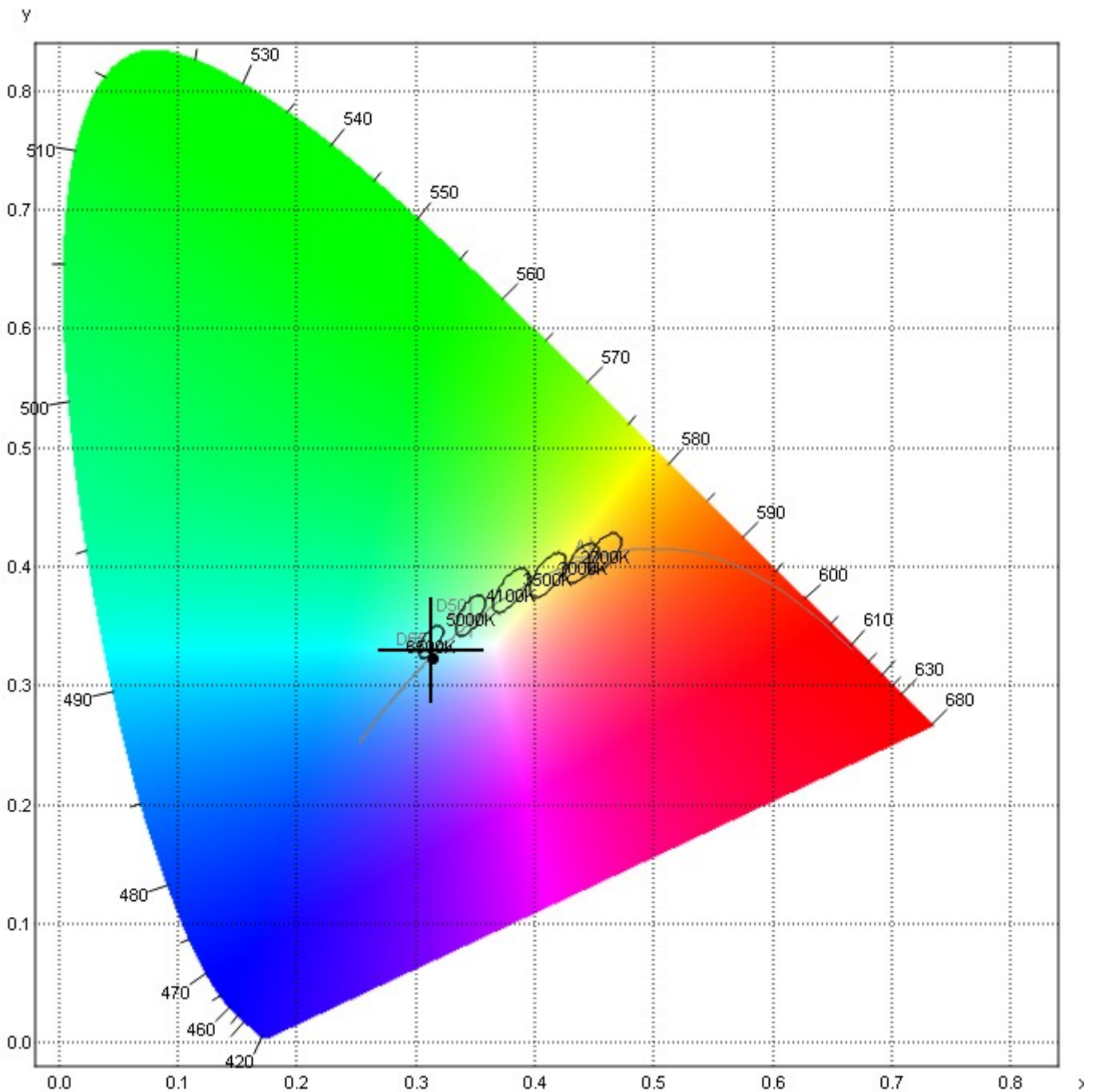
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Beam cone

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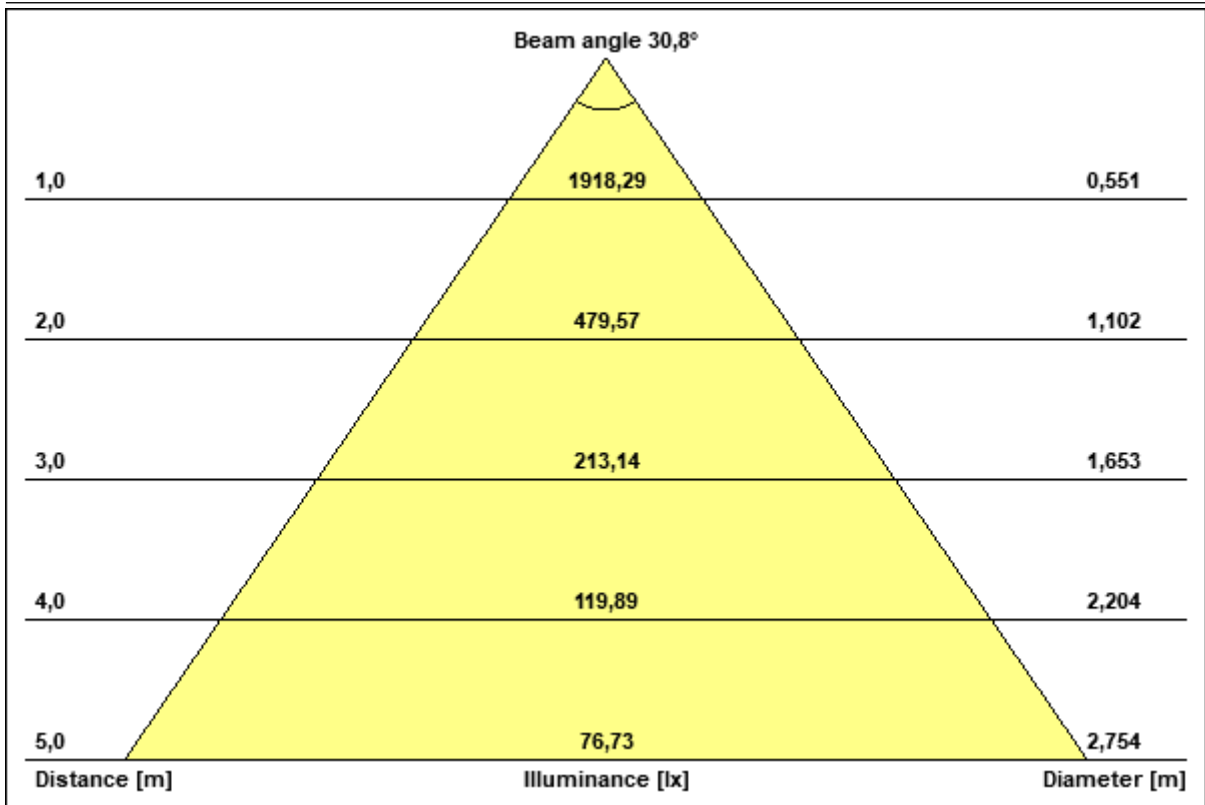
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Stabilization

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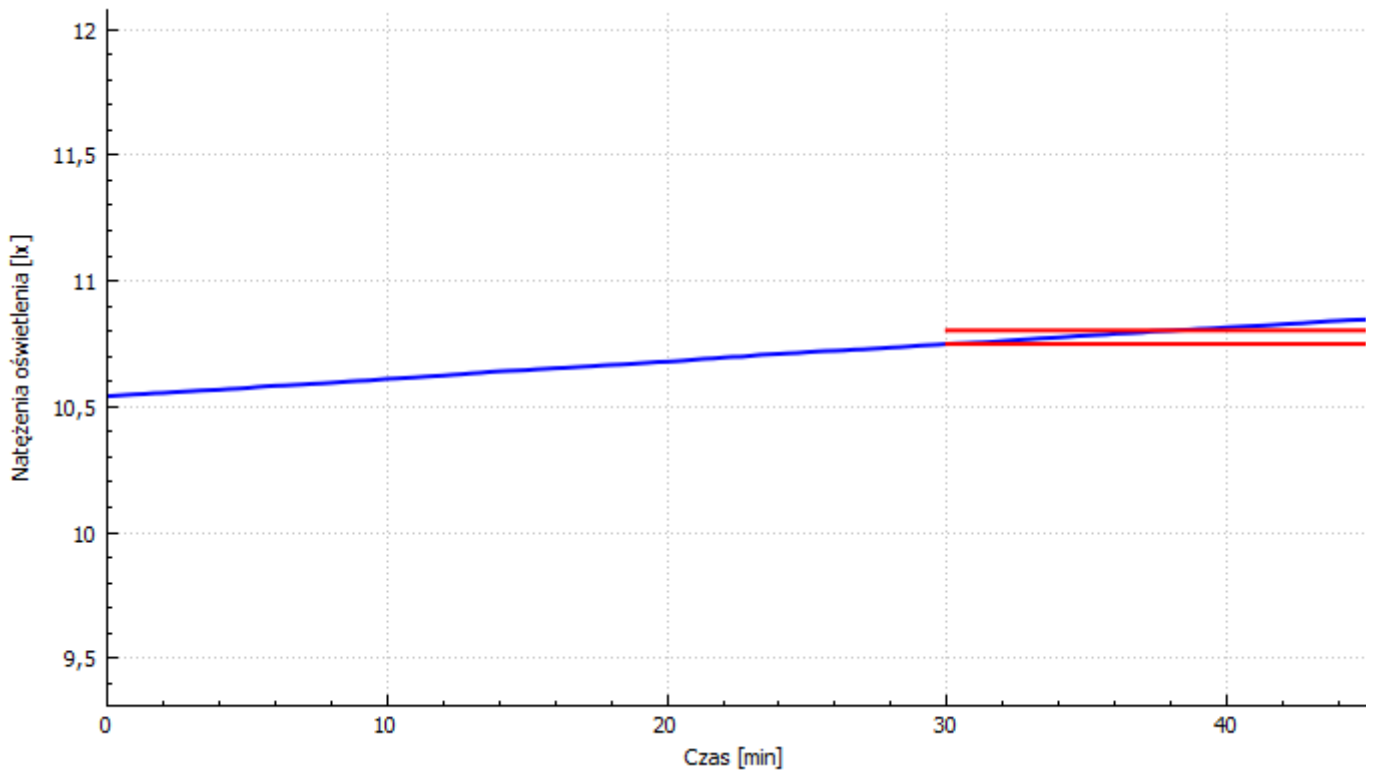
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3D Chart

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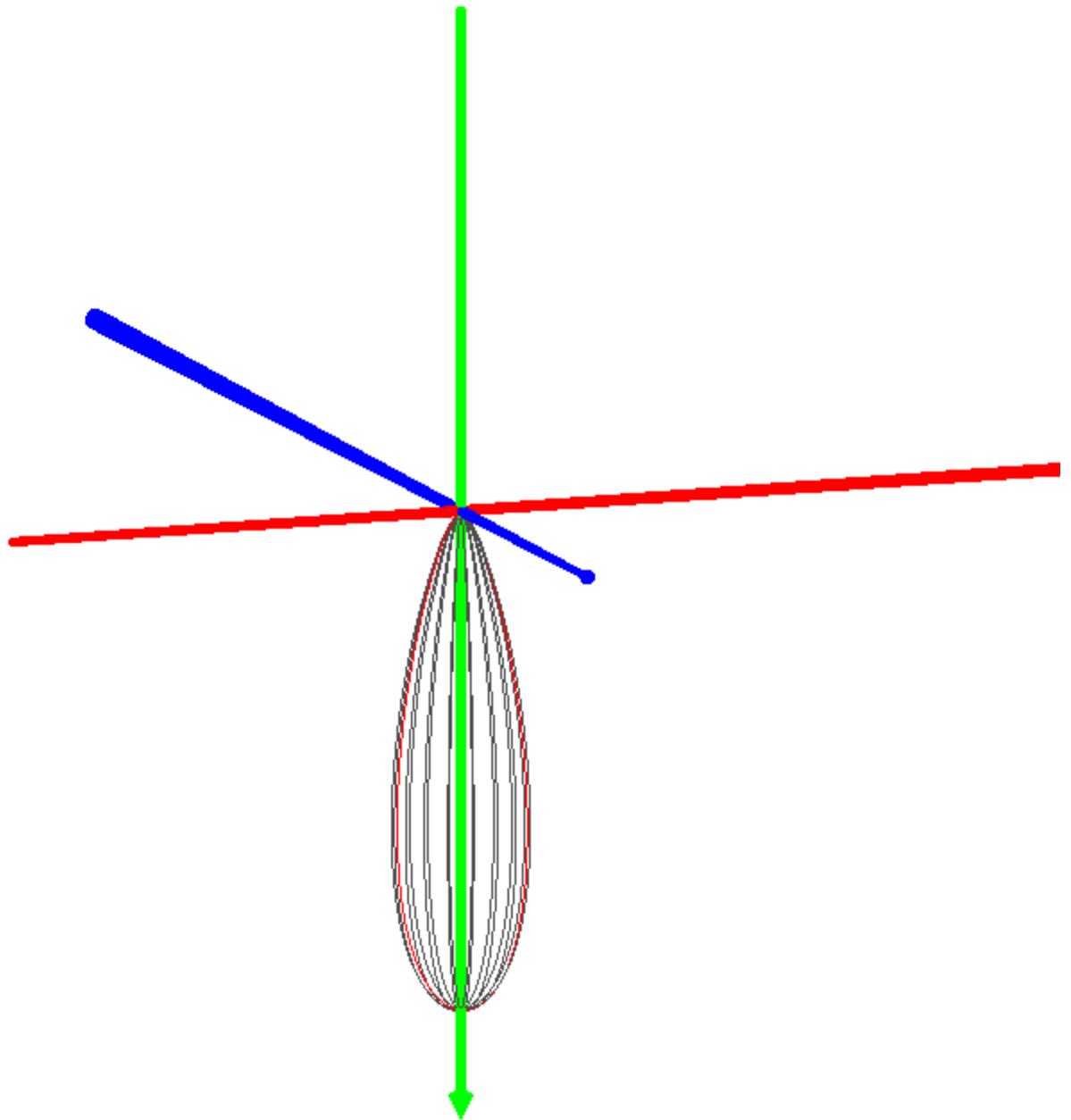
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

P(%f)

**Ext
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	U(%f)	I(%f)	P(%f)
0	0	0,221	0
1	100,000	100,000	100,000
2	0,00415	0,297	-4,65e-05
3	0,0079	33,046	-0,00199
4	0,00277	0,259	-3,33e-05
5	0,00241	16,203	-0,000862
6	0,00126	0,298	-2,26e-05
7	0,0037	10,915	0,000362
8	0	0,144	-2,7e-05
9	0,00365	6,433	0,000278
10	0	0,304	-1,68e-05
11	0,00787	6,971	0,000507
12	0	0,293	-2,55e-05
13	0,00402	4,437	0,000398
14	0	0,375	-1,44e-05
15	0,00224	4,119	0,000201
16	0	0,517	-1,74e-05
17	0,00613	5,506	0,000142
18	0	0,499	-1,36e-05
19	0,00392	3,988	4,64e-05
20	0	0,514	-7,72e-06
21	0,00681	5,635	0,000102

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22	0	0,539	-6,81e-06
23	0,00566	5,313	-0,000133
24	0,000908	0,430	-3,07e-06
25	0,00431	3,854	2,79e-05
26	0	0,409	1,62e-06
27	0,00608	4,934	5,89e-05
28	0	0,441	3,43e-06
29	0,00268	2,146	-2,32e-06
30	0	0,378	4,85e-06
31	0,00236	2,595	1,82e-05
32	0	0,515	9,94e-06
33	0,00251	1,825	-3,74e-05
34	0	0,491	1e-05
35	0,00244	0,875	-6,53e-07
36	0,00123	0,541	1,32e-05
37	0,00552	2,470	-2,45e-05
38	0,00103	0,593	1,58e-05
39	0,00725	3,189	3,86e-05
40	0	0,497	8,18e-06
41	0,00816	3,013	2,99e-05
42	0,00113	0,512	9,29e-06
43	0,00882	3,956	0,000136
44	0,00143	0,425	8,85e-06
45	0,00563	3,304	8,89e-05
46	0,00105	0,362	7,55e-06
47	0,00611	3,249	0,000106
48	0	0,230	-1,89e-08
49	0,00547	2,854	6,1e-05
50	0,00101	0,246	-1,17e-06

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