

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa 2Line Optica 12W CCT Switch DIMM*
Item No: *AZ6256*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6256_3000*
LuminaireName: *Alfa 2Line Optica 12W CCT Switch DIMM*
LuminaireNumber: *AZ6256*
FileName: *AZ6256_3000.ldt*
Date: *2024-10-03*

Dimensions of luminaire

Length: *50 mm*
Width: *0 mm*
Height: *190 mm*

Dimensions of luminous area

Length: *35 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

Kapitał 200.000PLN

Type of lamps: *LED*
Total luminous flux: *524,43 lm*
Color temperatur: *2856 K*
Color rendering index: *88,23*
Wattage including ballast: *14,52 W*

Utilization factors:

k = 0.60	<i>0,713</i>
k = 0.80	<i>0,757</i>
k = 1.00	<i>0,806</i>
k = 1.25	<i>0,843</i>
k = 1.50	<i>0,870</i>
k = 2.00	<i>0,921</i>
k = 2.50	<i>0,930</i>
k = 3.00	<i>0,943</i>
k = 4.00	<i>0,964</i>
k = 5.00	<i>0,977</i>

Electrical parameters

<i>U</i>	<i>= 229,702 V</i>
<i>I</i>	<i>= 0,080 A</i>
<i>P</i>	<i>= 14,515 W</i>
<i>Power factor</i>	<i>= 0,788</i>

<i>Power apparent</i>	<i>= 18,404 VA</i>
<i>Power Reactive</i>	<i>= -11,320 var</i>
<i>Frequency Voltage</i>	<i>= 50,003 Hz</i>
<i>THD</i>	<i>= 42,801 %</i>

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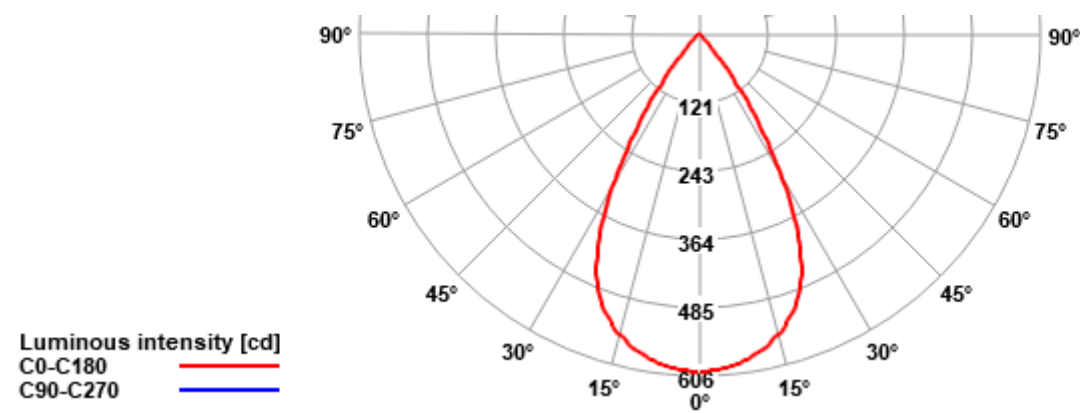
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	524,43 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	600,28 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	36,12 lm/W

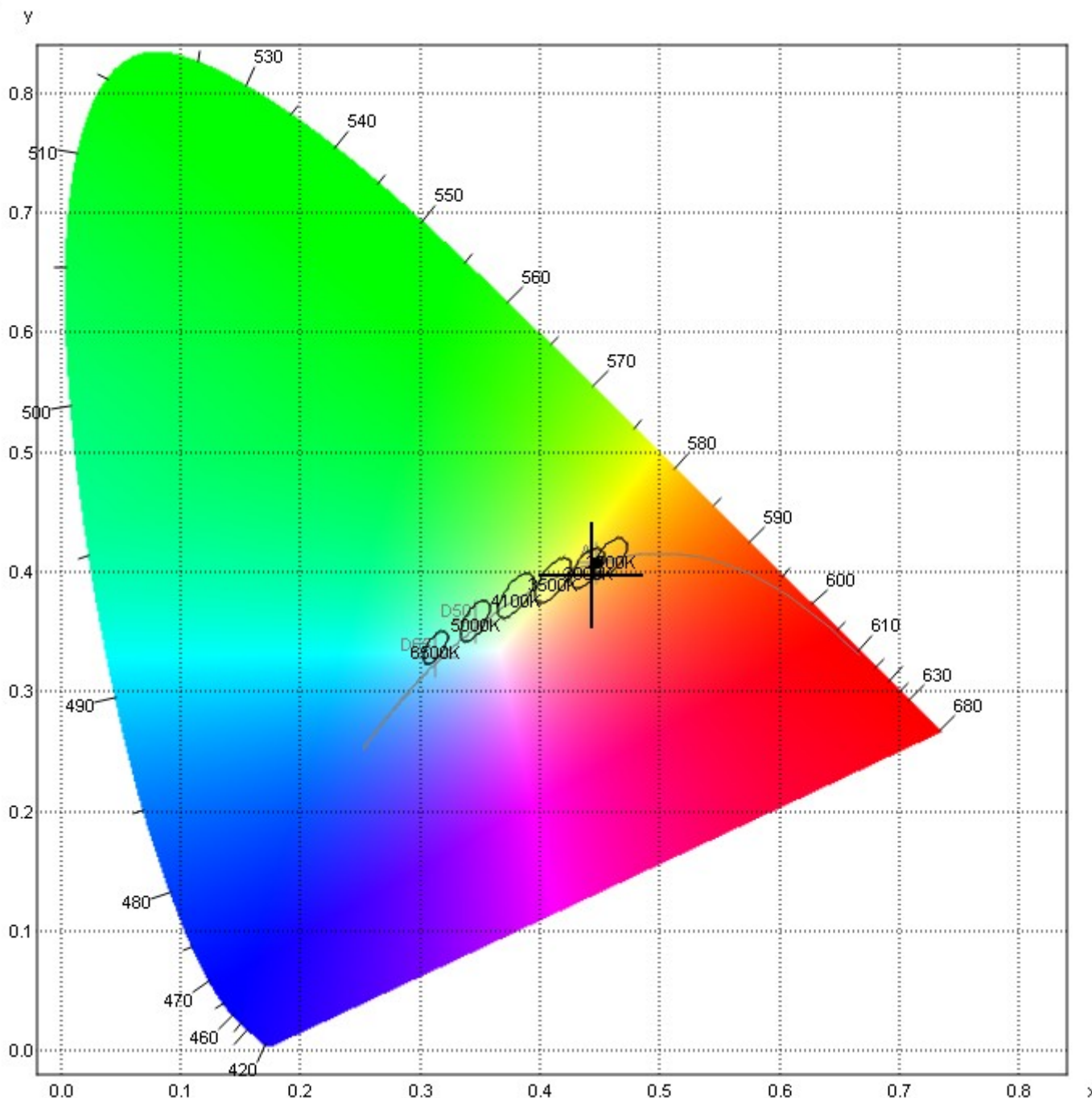
Light intensity distribution diagram



CIE 1931 diagram

x	0,4424
y	0,3975
Angular Colour Uniformity	0,0044

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Beam cone

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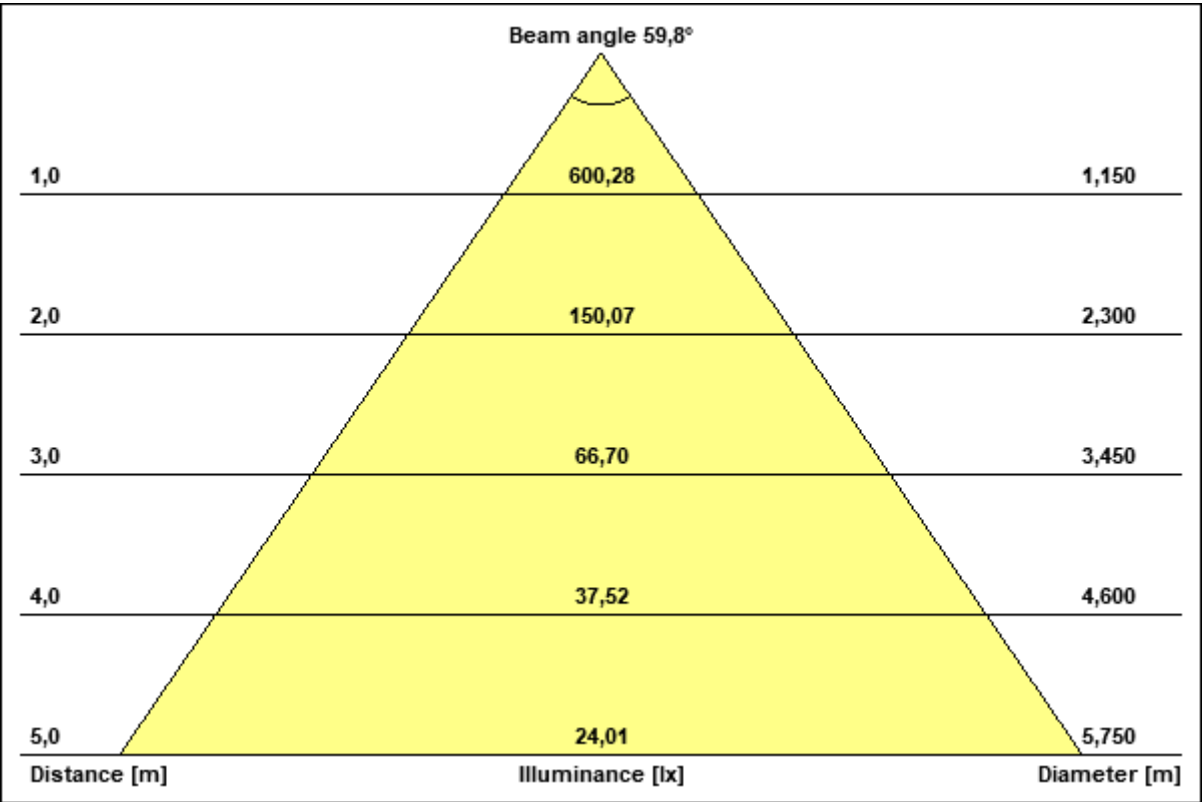
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Stabilization

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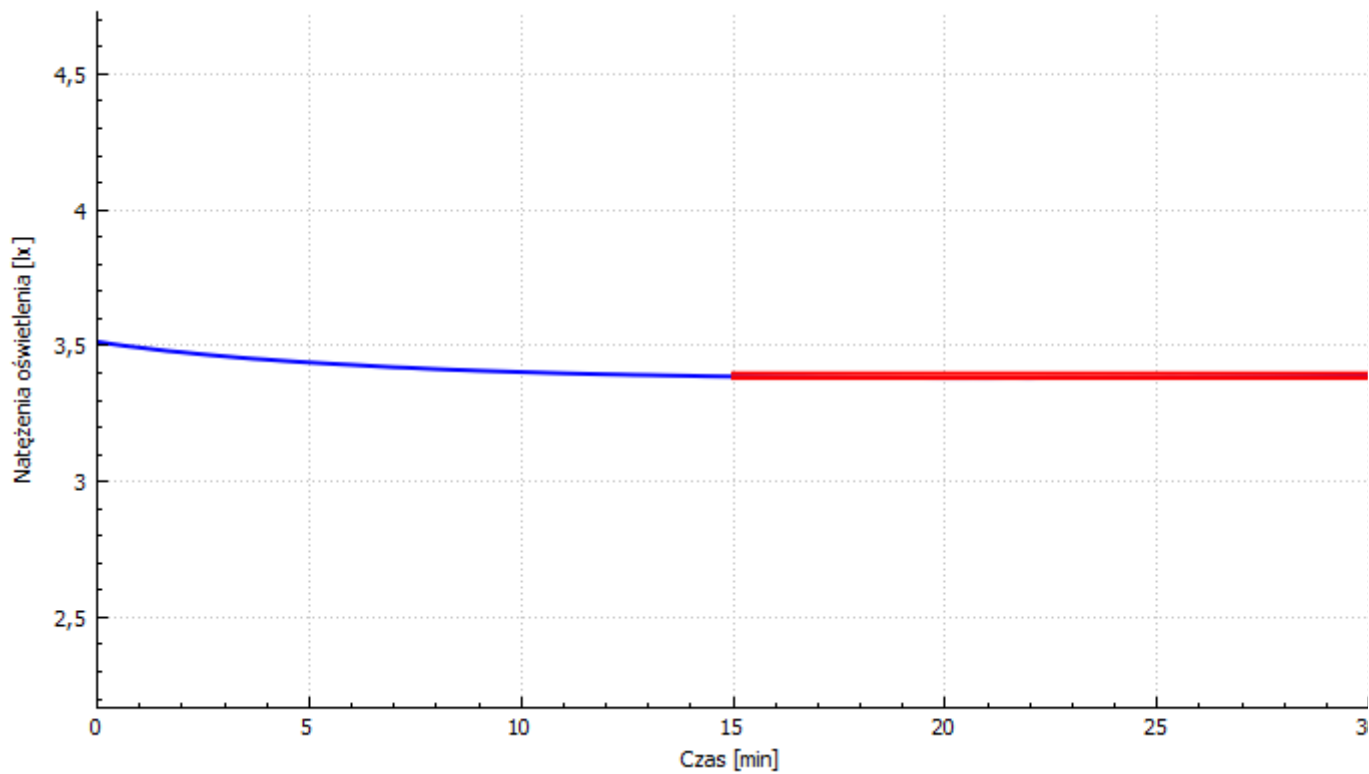
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3D Chart

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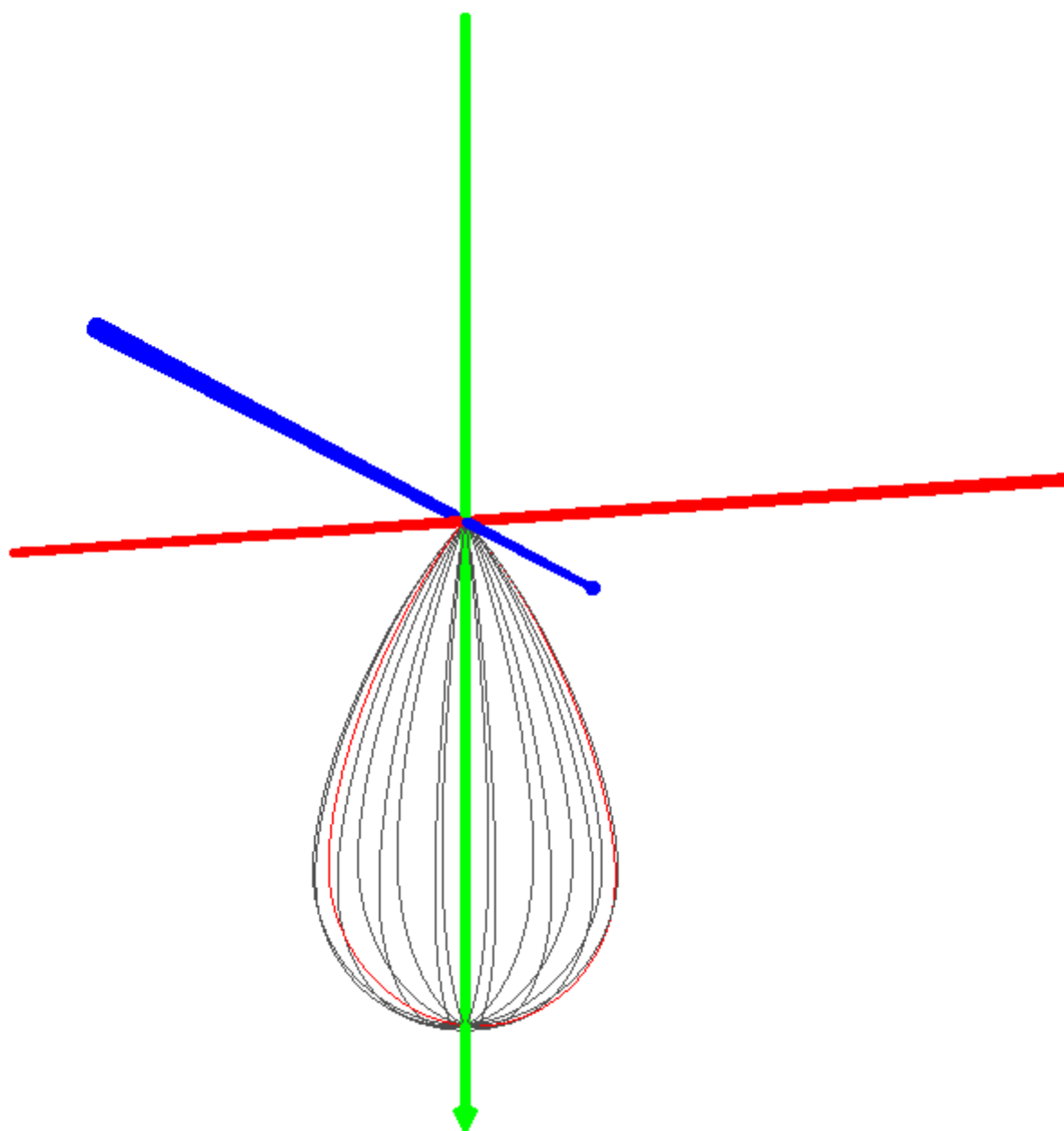
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

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			P(%f)
0	0,0445	0,203	6,66e-06
1	100,000	100,000	100,000
2	0,0302	0,719	-6,31e-05
3	0,0229	33,335	0,00185
4	0,0127	0,277	-2,2e-05
5	0,00764	15,941	0,0012
6	0,00868	0,234	-2,31e-05
7	0,00984	10,991	0,00111
8	0,00545	0,253	-1,64e-05
9	0,00784	6,513	0,000397
10	0,00473	0,217	-1,3e-05
11	0,0111	7,346	0,000499
12	0,00324	0,257	-7,84e-06
13	0,00595	5,372	5,68e-05
14	0,00337	0,158	-3,41e-06
15	0,00268	4,304	-0,000109
16	0,00227	0,386	-6,21e-07
17	0,00393	5,878	-4,13e-05
18	0,00234	0,342	3,05e-06
19	0,00279	3,758	8,94e-05
20	0,00216	0,232	4,17e-06
21	0,00526	5,445	0,000187

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22	0,00193	0,258	7,39e-06
23	0,00595	4,735	1,88e-05
24	0,00232	0,278	6,42e-06
25	0,00425	3,233	8,52e-05
26	0,00197	0,164	5,46e-06
27	0,00664	4,413	0,000135
28	0,00134	0,210	2,29e-06
29	0,00345	2,111	-7,65e-07
30	0,00114	0,121	-3,5e-07
31	0,00322	2,387	1,09e-05
32	0,00158	0,197	-5,7e-07
33	0,00332	2,600	-4,55e-05
34	0,000992	0,184	-3,85e-06
35	0,00211	1,528	1,86e-05
36	0	0,231	0
37	0,0053	2,818	1,41e-05
38	0	0,300	0
39	0,00668	2,989	4,64e-05
40	0	0,214	0
41	0,00782	2,654	2,46e-05
42	0,00148	0,223	-8,59e-06
43	0,0085	3,434	3,36e-05
44	0,0011	0,236	-9,22e-06
45	0,00524	2,663	4,79e-05
46	0	0,317	0
47	0,00475	2,655	3,02e-05
48	0,00196	0,222	2,3e-06
49	0,00583	2,664	6,14e-06
50	0,0016	0,238	-4,25e-06

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