

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Alfa 2Line Corner90 A 24W CCT Switch DIMM*

Item No: *AZ6244*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6244_3000*

LuminaireName: *Alfa 2Line Saga Corner A 24W CCT Switch DIMM*

LuminaireNumber: *AZ6244*

FileName: *AZ6244_3000.ldt*

Date: *2024-10-02*

Dimensions of luminaire

Length: *240 mm*

Width: *220 mm*

Height: *60 mm*

Dimensions of luminous area

Length: *238 mm*

Width: *218 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

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REGON 360317241

PL-62-040 Puszczkowsko; 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: *909,04 lm*
 Color temperatur: *2910 K*
 Color rendering index: *92,35*
 Wattage including ballast: *25,50 W*

Utilization factors:

$k = 0.60$	<i>0,317</i>
$k = 0.80$	<i>0,402</i>
$k = 1.00$	<i>0,477</i>
$k = 1.25$	<i>0,550</i>
$k = 1.50$	<i>0,607</i>
$k = 2.00$	<i>0,694</i>
$k = 2.50$	<i>0,741</i>
$k = 3.00$	<i>0,777</i>
$k = 4.00$	<i>0,827</i>
$k = 5.00$	<i>0,858</i>

Electrical parameters

U = *229,644 V*
 I = *0,125 A*
 P = *25,502 W*
 Power factor = *0,887*

Power apparent = *28,745 VA*
 Power Reactive = *-13,254 var*
 Frequency Voltage = *50,002 Hz*
 THD = *24,344 %*

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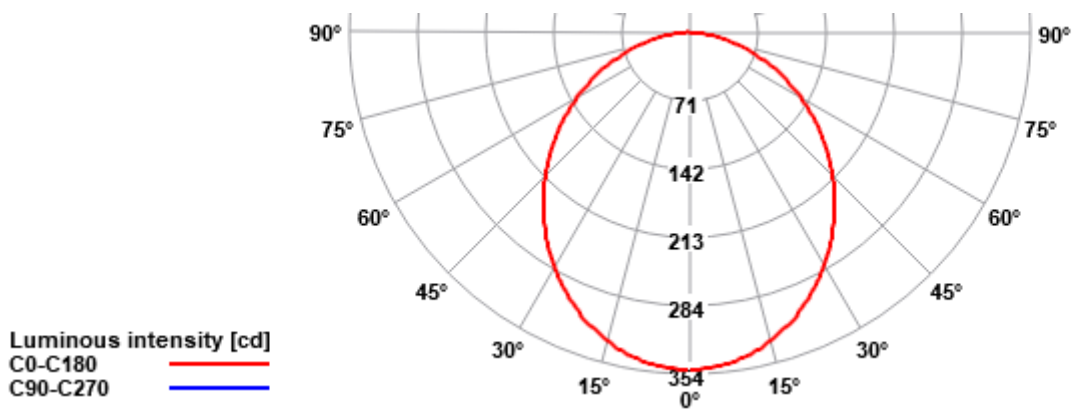
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminaire flux)	909,04 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	350,88 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	35,65 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4395
y	0,3985
Angular Colour Uniformity	0,0021

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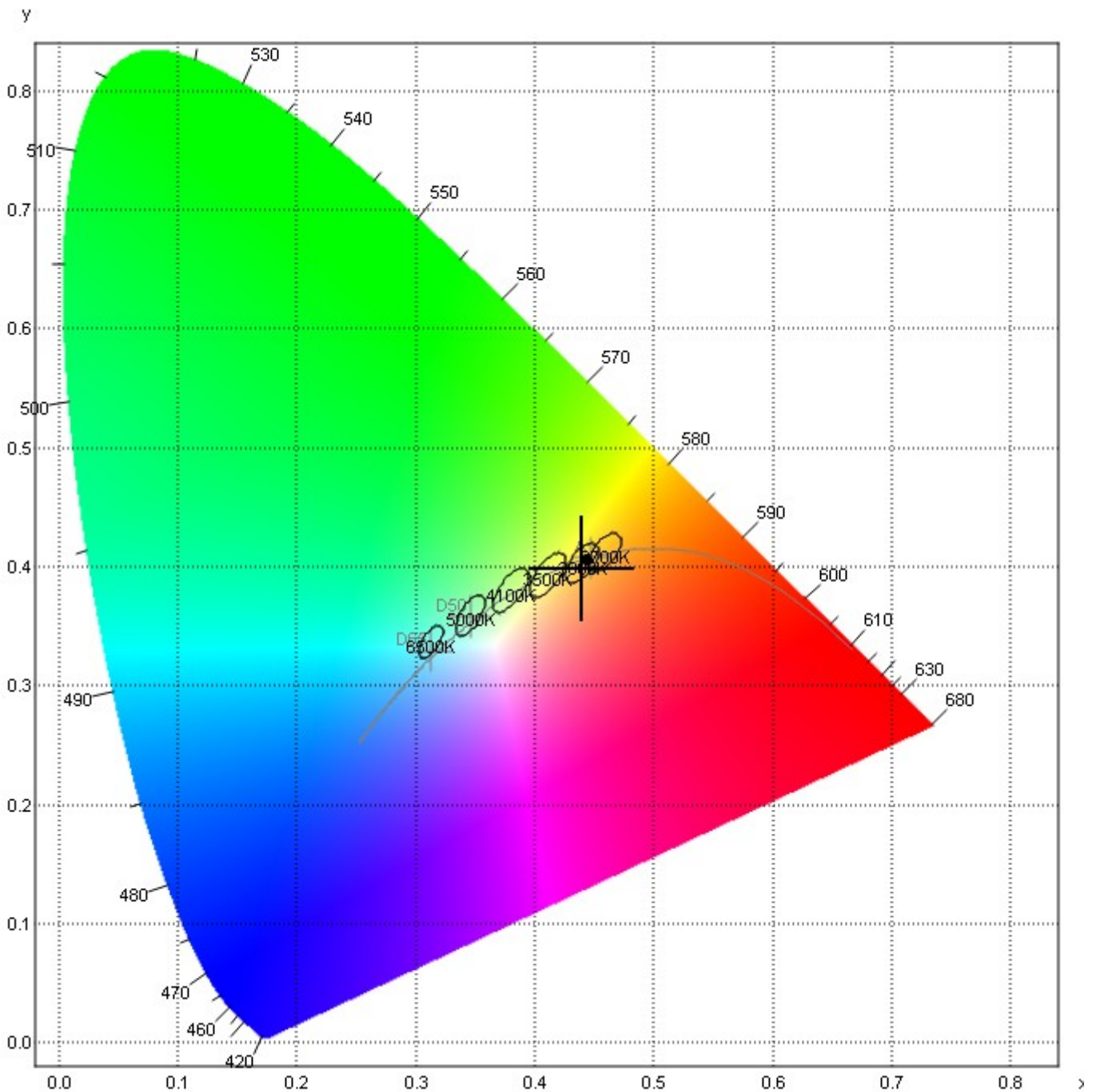
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Beam cone

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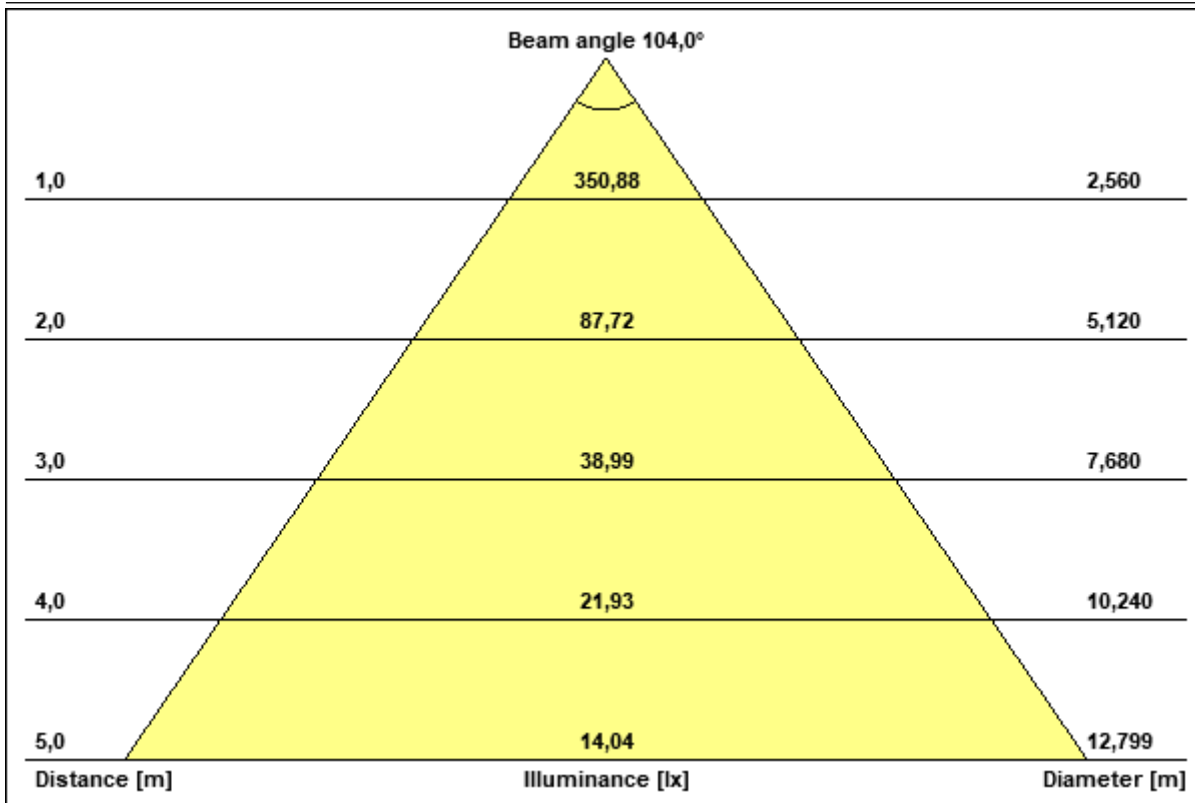
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Stabilization

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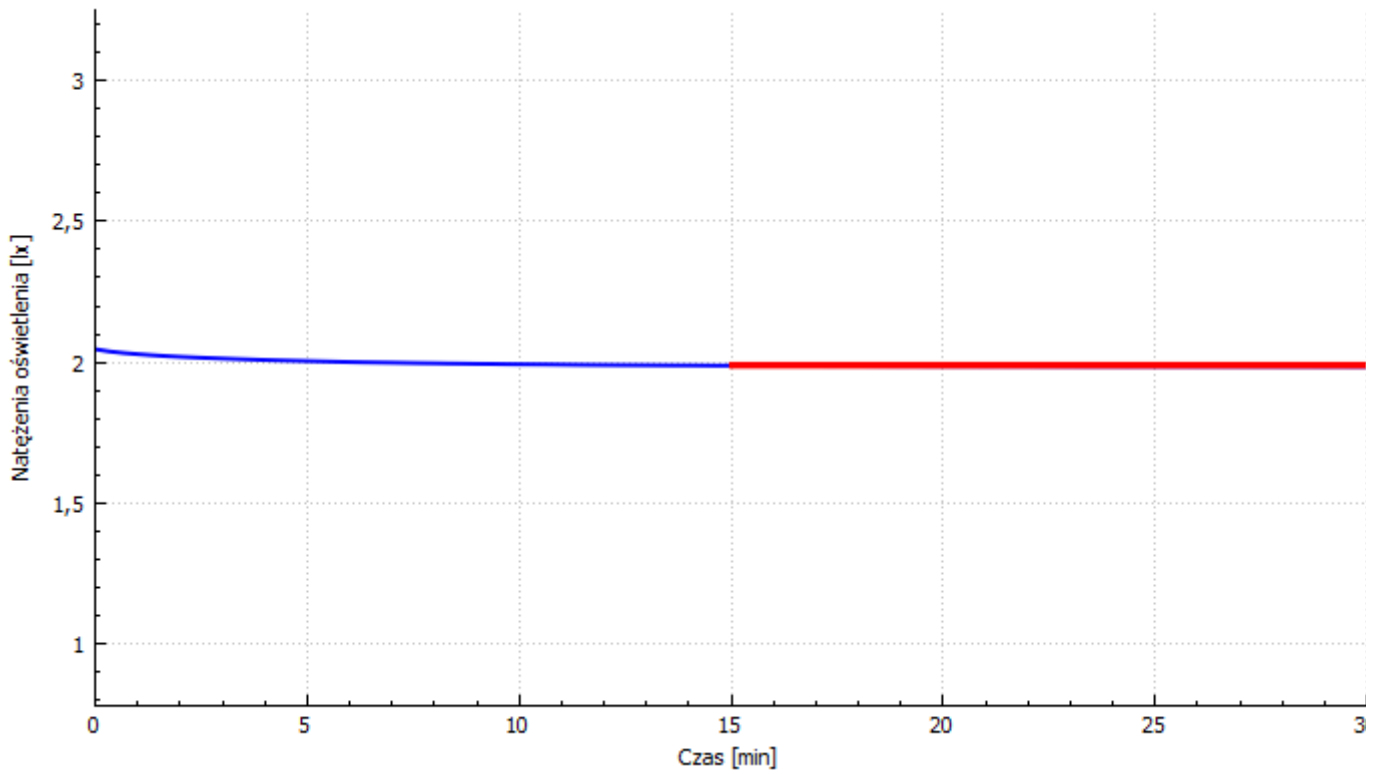
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3D Chart

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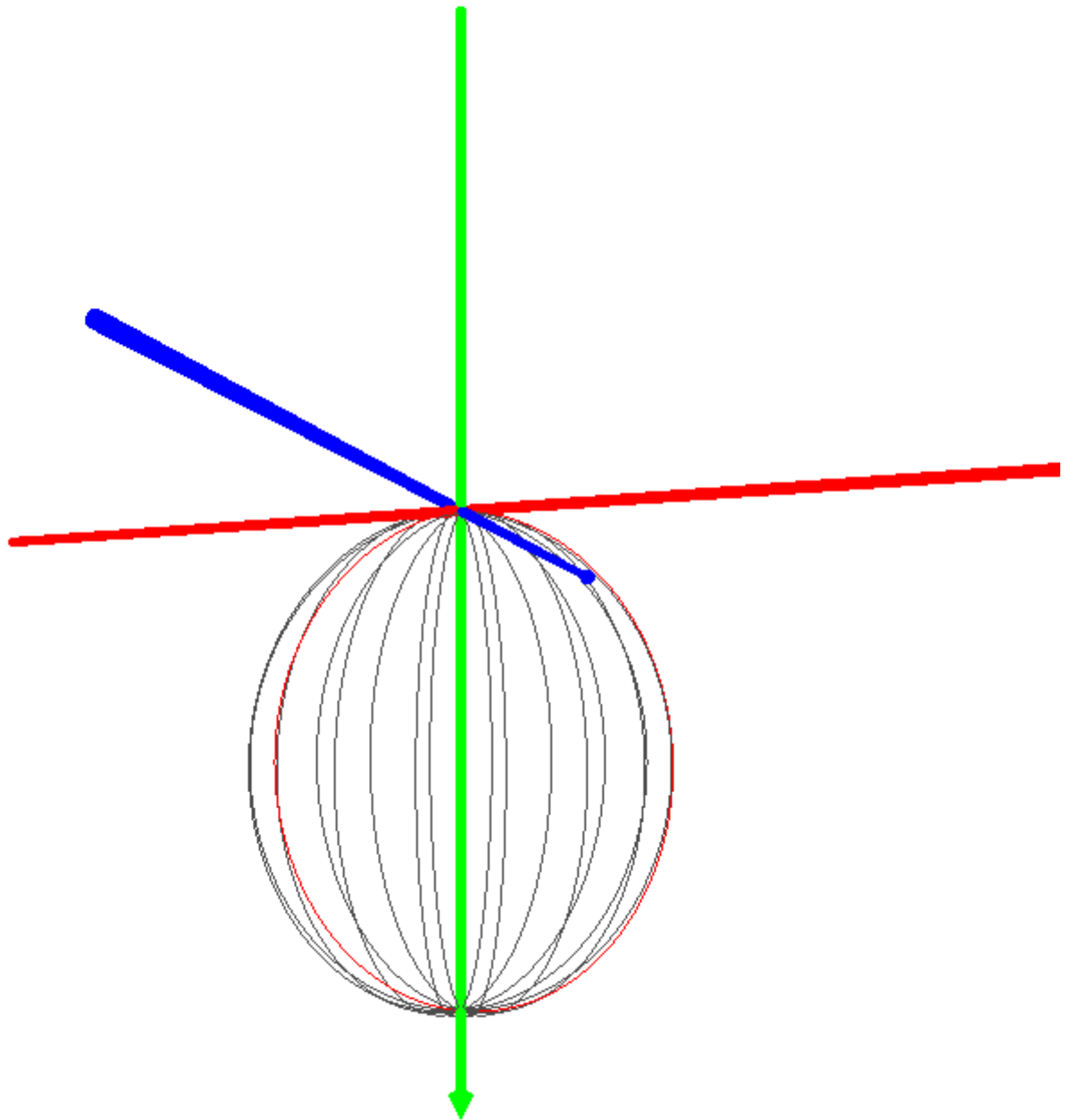
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Legend

— C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

P(%f)

**Ext
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0	0,00254	0,150	-1,15e-06
1	100,000	100,000	100,000
2	0,00333	0,433	-4,06e-06
3	0,00761	16,615	0,000604
4	0,0017	0,344	3,77e-07
5	0,00328	11,661	0,000478
6	0	0,308	6,83e-07
7	0,00388	7,384	0,000163
8	0	0,282	0
9	0,00568	4,292	5,23e-05
10	0	0,311	0
11	0,00812	3,892	0,000136
12	0	0,312	0
13	0,0044	2,189	3,59e-05
14	0	0,342	0
15	0,00528	3,764	3,53e-05
16	0	0,320	0
17	0,0017	1,584	5,68e-06
18	0	0,291	0
19	0,00222	1,621	7,99e-06
20	0	0,335	0
21	0,00371	1,807	-3,83e-05

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22	0	0,346	0
23	0	0,896	8,17e-06
24	0	0,297	0
25	0,00517	2,572	1,37e-05
26	0,00119	0,317	0
27	0,00553	1,898	2,37e-05
28	0	0,341	-2,23e-08
29	0,00619	2,412	-6,63e-06
30	0	0,332	0
31	0,011	2,574	1,99e-05
32	0	0,320	0
33	0,0108	2,562	2,52e-05
34	0	0,281	0
35	0,00982	2,723	8,22e-05
36	0,00119	0,318	4,37e-07
37	0,00753	1,765	3,04e-05
38	0,00131	0,335	1,4e-06
39	0,0109	2,633	3,54e-05
40	0,000931	0,311	-1,33e-07
41	0,011	1,953	6,46e-05
42	0	0,221	0
43	0,00982	1,934	6,93e-05
44	0	0,269	0
45	0,00501	1,654	2,23e-05
46	0,00106	0,258	-1,83e-07
47	0,00407	1,247	-8,84e-06
48	0,00169	0,251	9,63e-07
49	0,00391	1,431	-5,24e-06
50	0,00153	0,262	9,35e-07

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