

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Alessia XL*

Item No: *AZ3356*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ3356*

LuminaireName: *Alessia XL DIMM*

LuminaireNumber: *AZ3356*

FileName: *AZ3356.Idt*

Date: *2024-06-03*

Dimensions of luminaire

Length: *1200 mm*

Width: *600 mm*

Height: *1200 mm*

Dimensions of luminous area

Length: *1200 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

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

Type of lamps: *LED*
Total luminous flux: *1872,97 lm*
Color temperatur: *2862 K*
Color rendering index: *91,31*
Wattage including ballast: *75,75 W*

Utilization factors:

$k = 0.60$	<i>0,180</i>
$k = 0.80$	<i>0,243</i>
$k = 1.00$	<i>0,301</i>
$k = 1.25$	<i>0,361</i>
$k = 1.50$	<i>0,411</i>
$k = 2.00$	<i>0,492</i>
$k = 2.50$	<i>0,546</i>
$k = 3.00$	<i>0,589</i>
$k = 4.00$	<i>0,652</i>
$k = 5.00$	<i>0,696</i>

Electrical parameters

U	<i>= 2,537 V</i>
I	<i>= 0,000 A</i>
P	<i>= 75,750 W</i>
Power factor	<i>= 0,000</i>

Power apparent	<i>= 0,000 VA</i>
Power Reactive	<i>= 0,000 var</i>
Frequency Voltage	<i>= 49,970 Hz</i>
THD	<i>= 113,368 %</i>

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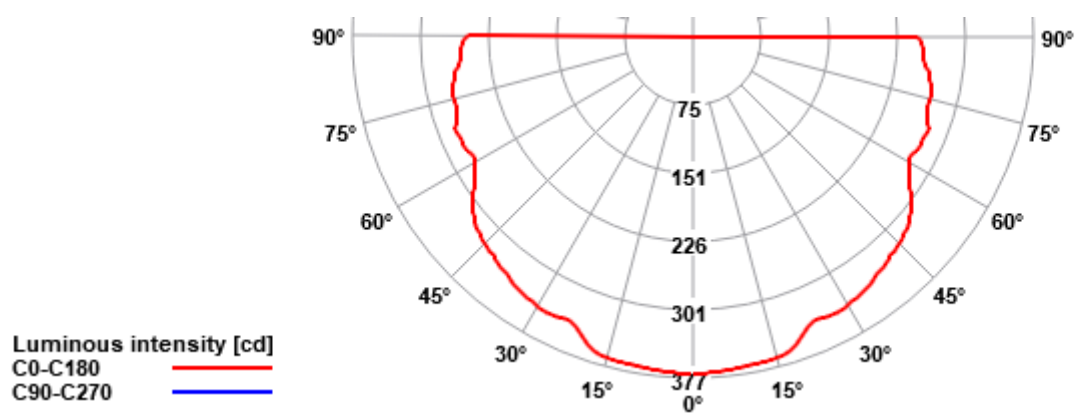
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1872,97 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	373,07 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	24,73 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4461
y	0,4053
Angular Colour Uniformity	0,0014

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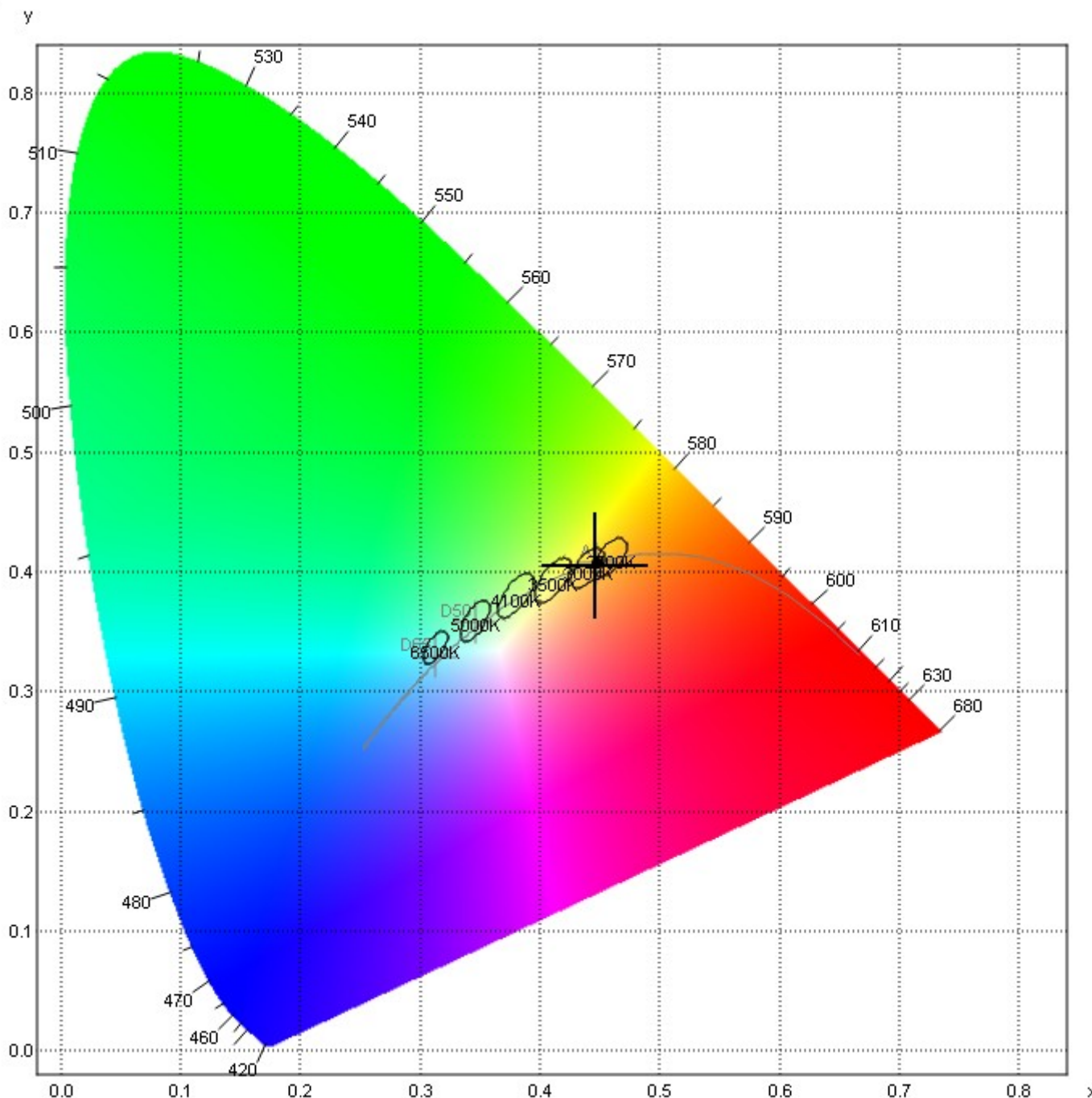
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Beam cone

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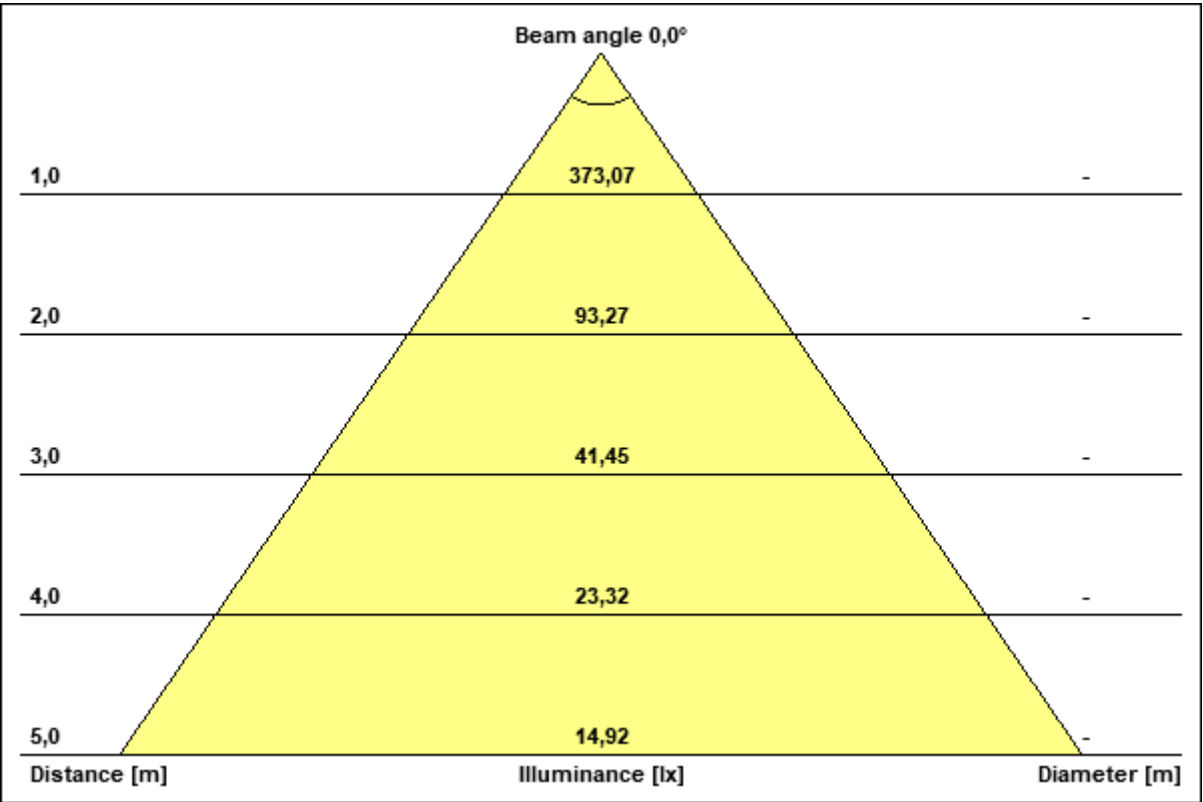
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Stabilization

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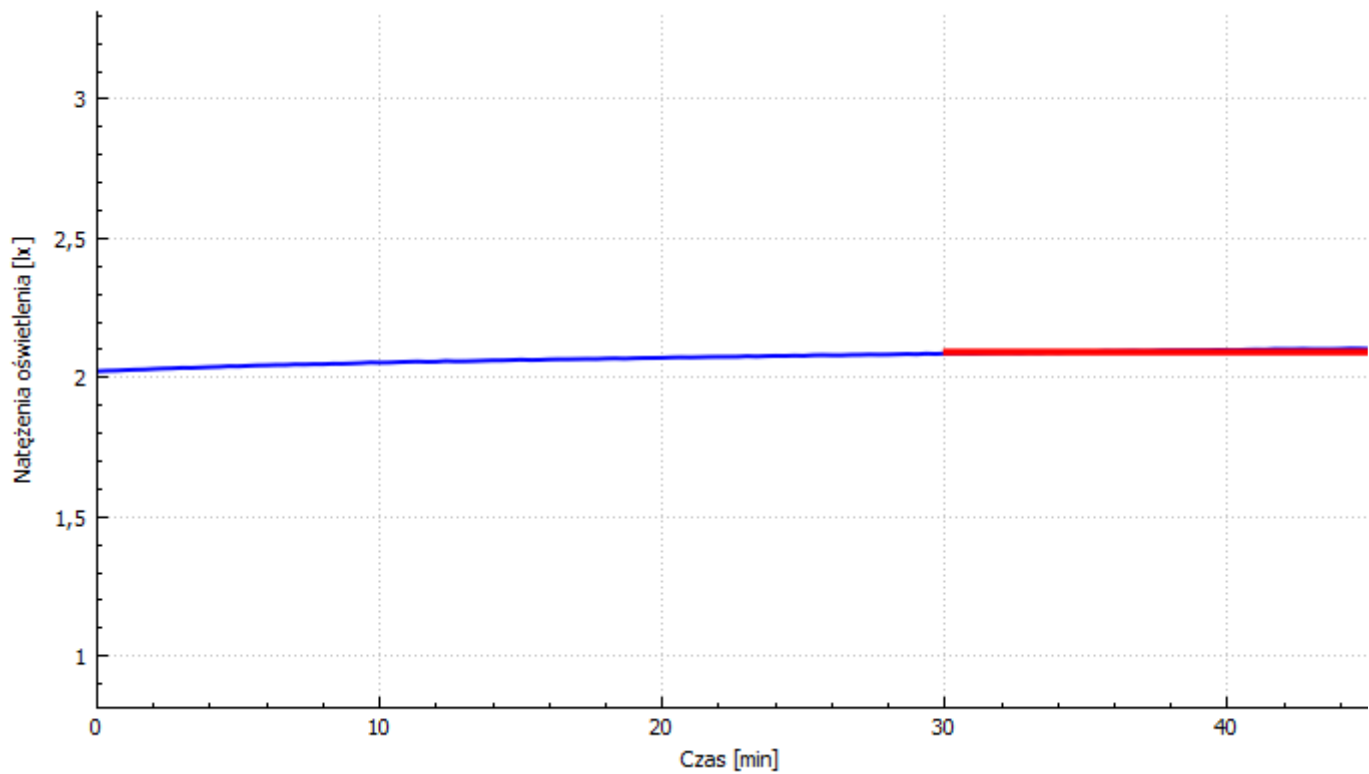
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3D Chart

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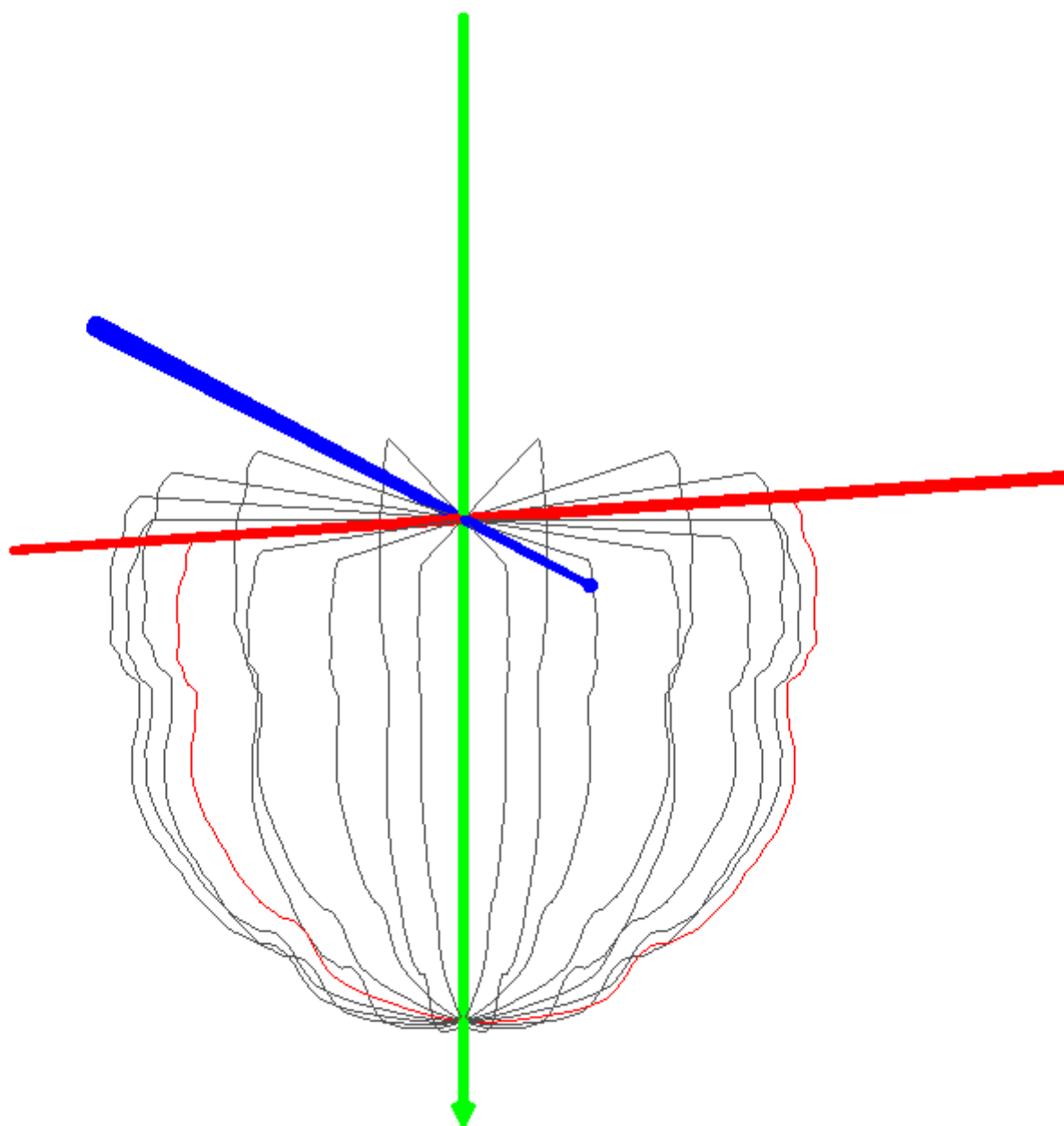
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

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P(%f)			
-------	--	--	--

0	601,855	110,804	443,414
1	100,000	100,000	100,000
2	40,231	0	0
3	97,006	0	0
4	19,825	0	0
5	35,381	0	0
6	20,714	0	0
7	53,636	0	0
8	15,033	0	0
9	22,326	0	0
10	11,743	0	0
11	26,755	0	0
12	5,278	0	0
13	16,924	0	0
14	7,679	0	0
15	41,273	0	0
16	7,014	0	0
17	10,398	0	0
18	5,328	0	0
19	13,585	0	0
20	2,159	0	0
21	8,777	0	0

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22	7,722	0	0
23	18,984	0	0
24	5,019	0	0
25	7,868	0	0
26	2,804	0	0
27	14,398	0	0
28	3,891	0	0
29	9,559	0	0
30	4,229	0	0
31	31,226	0	0
32	3,598	0	0
33	4,639	0	0
34	3,675	0	0
35	6,529	0	0
36	0,933	0	0
37	4,267	0	0
38	2,498	0	0
39	10,015	0	0
40	2,549	0	0
41	4,305	0	0
42	13,473	113,368	-0,0123
43	6,712	0	0
44	1,537	0	0
45	4,369	0	0
46	5,384	0	0
47	14,821	0	0
48	1,575	0	0
49	3,662	0	0
50	1,165	0	0

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