

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Alessia*

Item No: *AZ3356*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ3355*

LuminaireName: *Alessia*

LuminaireNumber: *AZ3355*

FileName: *AZ3355.Idt*

Date: *2024-06-04*

Dimensions of luminaire

Length: *800 mm*

Width: *400 mm*

Height: *1200 mm*

Dimensions of luminous area

Length: *800 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

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Type of lamps: *LED*
Total luminous flux: *1094,27 lm*
Color temperatur: *2775 K*
Color rendering index: *91,43*
Wattage including ballast: *57,97 W*

Utilization factors:

$k = 0.60$	<i>0,163</i>
$k = 0.80$	<i>0,223</i>
$k = 1.00$	<i>0,278</i>
$k = 1.25$	<i>0,336</i>
$k = 1.50$	<i>0,385</i>
$k = 2.00$	<i>0,466</i>
$k = 2.50$	<i>0,520</i>
$k = 3.00$	<i>0,565</i>
$k = 4.00$	<i>0,630</i>
$k = 5.00$	<i>0,676</i>

Electrical parameters

U	<i>= 229,616 V</i>
I	<i>= 0,260 A</i>
P	<i>= 57,970 W</i>
Power factor	<i>= 0,972</i>

Power apparent	<i>= 59,642 VA</i>
Power Reactive	<i>= -14,027 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 17,209 %</i>

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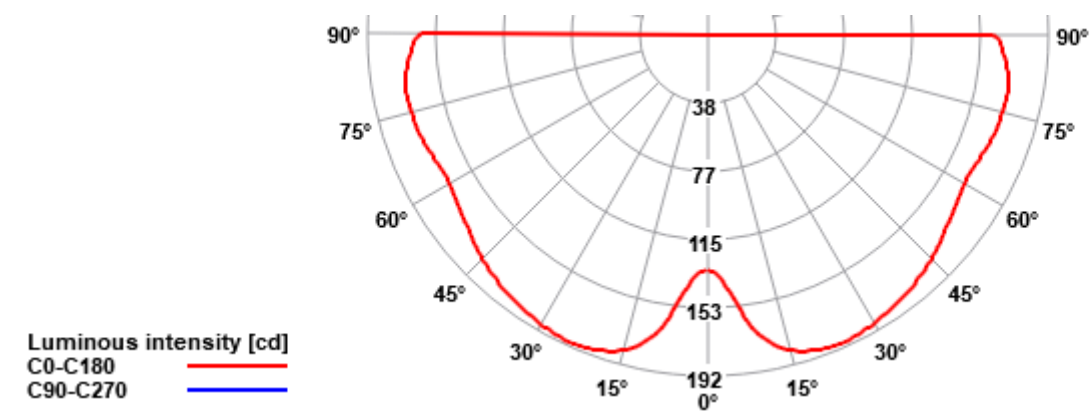
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1094,27 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	189,70 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	18,88 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4518
y	0,4053
Angular Colour Uniformity	0,0016

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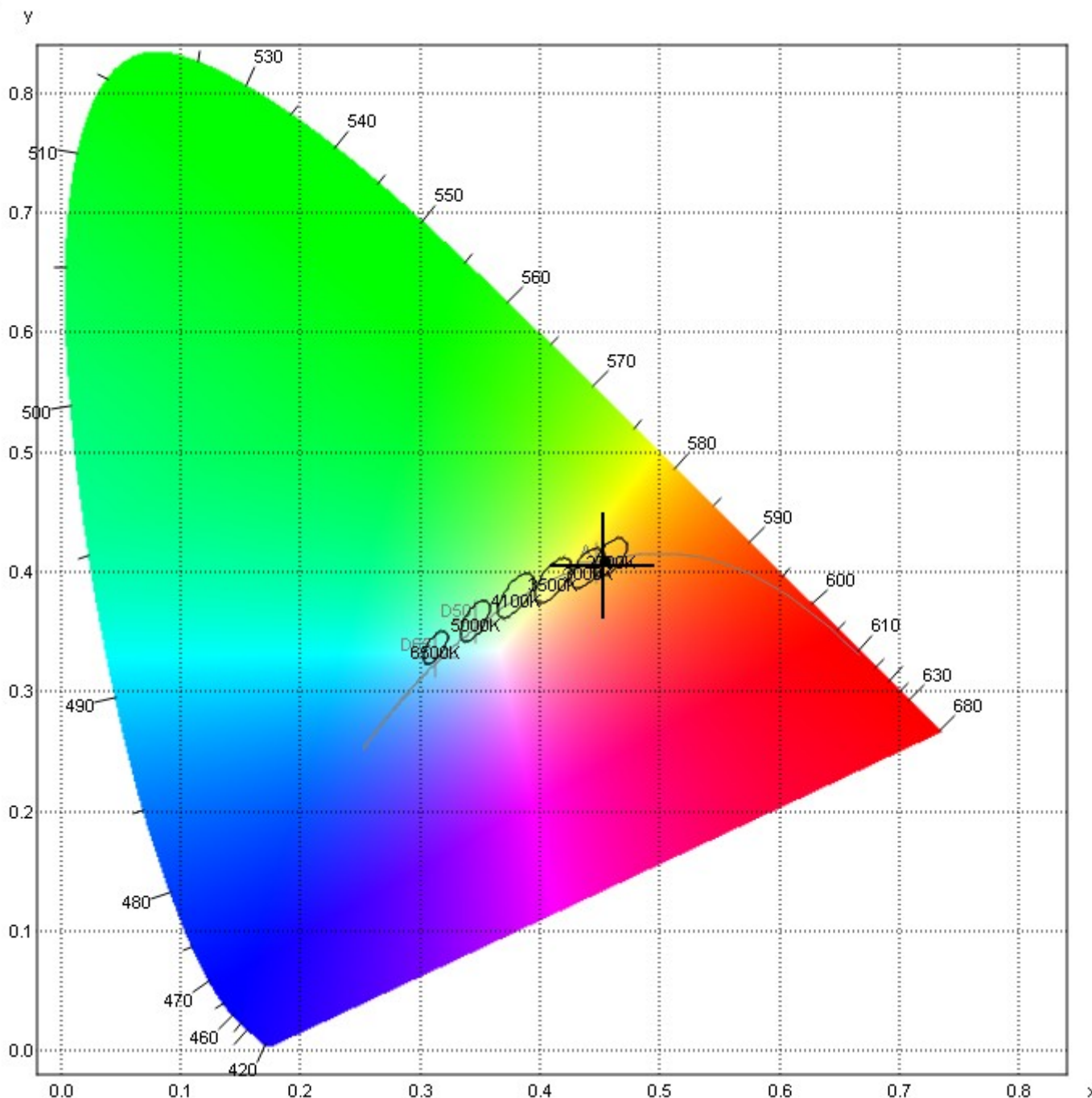
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Beam cone

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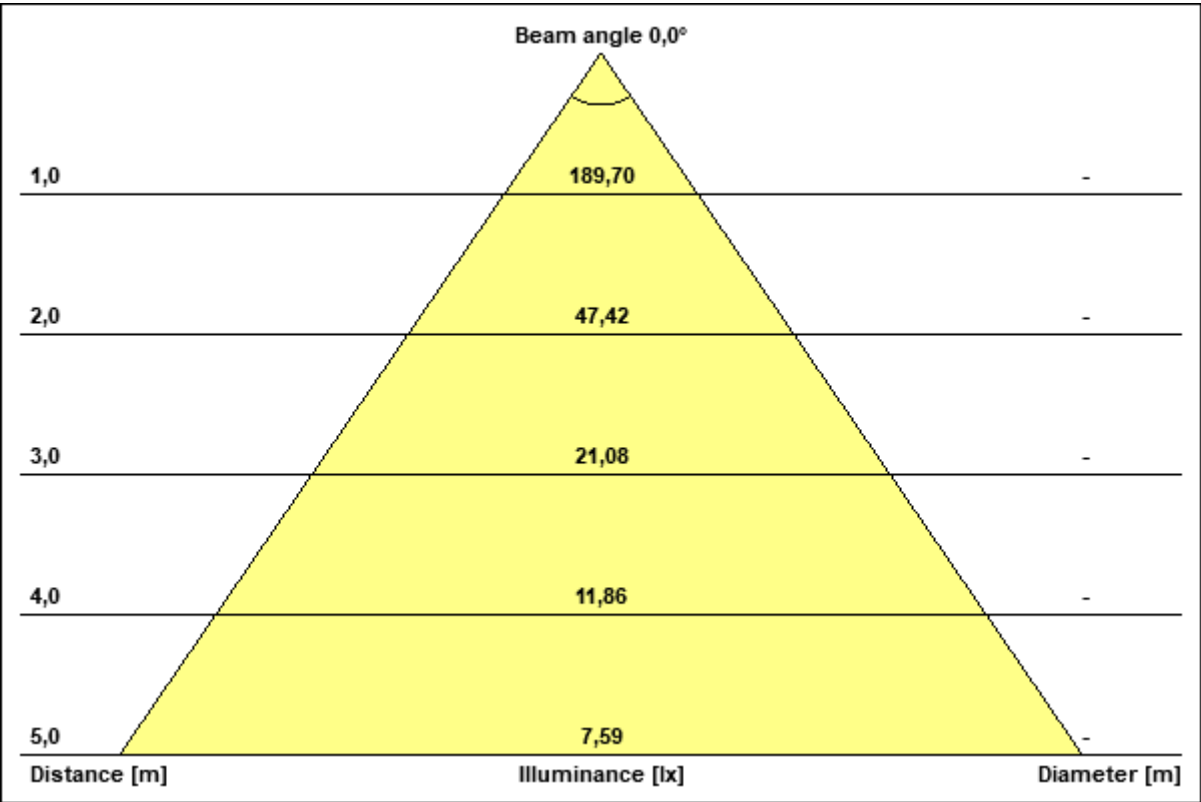
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Stabilization

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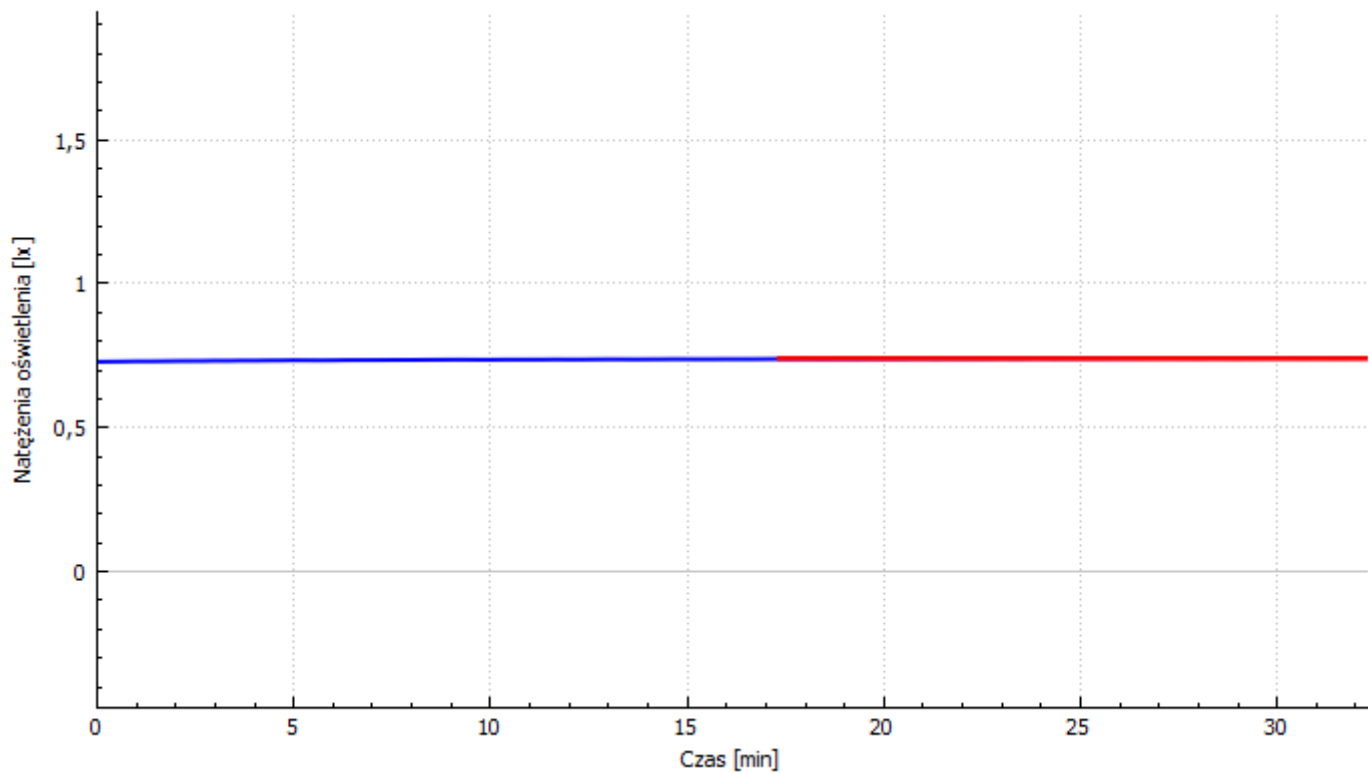
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3D Chart

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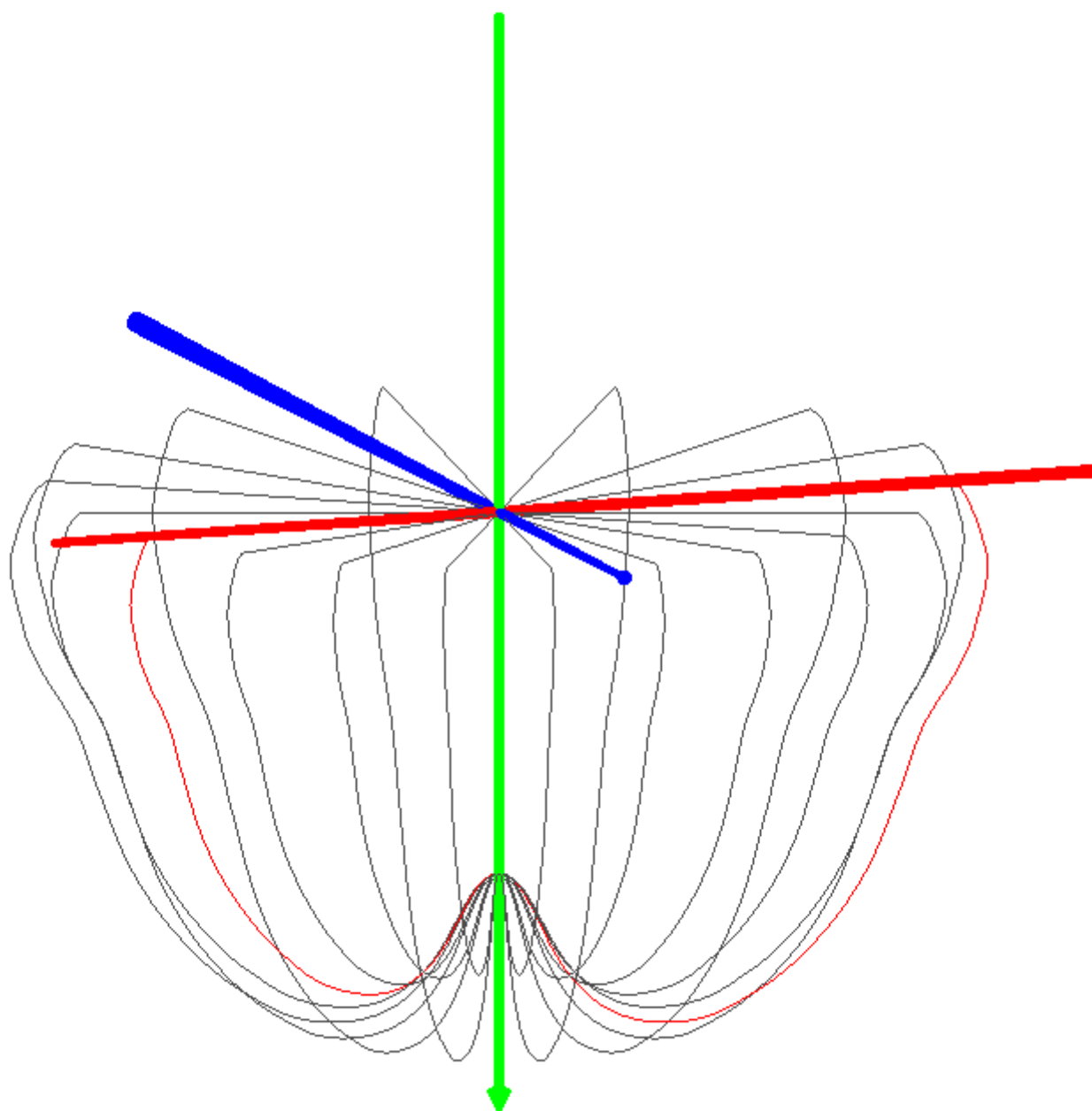
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
end
ed
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			P(%f)
0	0,0428	0,548	0,00023
1	100,000	100,000	100,000
2	0,00984	0	0
3	0,0208	15,186	0,00305
4	0,00309	0	0
5	0,0159	6,644	0,00107
6	0,00207	0	0
7	0,0073	2,936	0,000173
8	0,00129	0	0
9	0,00188	1,437	2,28e-05
10	0,0014	0	0
11	0,00355	1,171	2e-05
12	0,0011	0	0
13	0,00208	0,927	1,03e-05
14	0,000949	0	0
15	0	1,004	0
16	0,000846	0	0
17	0	1,237	0
18	0	0	0
19	0,00232	1,408	-5,7e-07
20	0	0	0
21	0,00337	1,412	-6,95e-07

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22	0,000878	0	0
23	0,00599	1,141	3e-05
24	0,00103	0	0
25	0,00445	0,742	3,84e-06
26	0,00102	0	0
27	0,0034	0,309	-4,9e-07
28	0,00105	0	0
29	0,00128	0,0647	-1,37e-06
30	0,00109	0	0
31	0,00103	0,329	-2,72e-06
32	0	0	0
33	0,00279	0,505	-1,05e-06
34	0	0	0
35	0,00502	0,562	1,04e-05
36	0,000986	0	0
37	0,00483	0,590	9,85e-06
38	0	0	0
39	0,00401	0,498	1,01e-05
40	0,00119	0	0
41	0,00337	0,296	2,99e-06
42	0,00106	0	0
43	0,000923	0,280	0
44	0	0	0
45	0,00504	0,416	-2,85e-06
46	0,000891	0	0
47	0,00662	0,586	7,38e-06
48	0,00112	0	0
49	0,00716	0,567	1,66e-05
50	0,000865	0	0

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