

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Cose/*

Item No: *AZ4353*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ4353*

LuminaireName: *Cose/*

LuminaireNumber: *AZ4353*

FileName: *AZ4353.Idt*

Date: *2024-06-15*

Dimensions of luminaire

Length: *220 mm*

Width: *45 mm*

Height: *70 mm*

Dimensions of luminous area

Length: *200 mm*

Width: *30 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: *614,45 lm*
Color temperatur: *3009 K*
Color rendering index: *81,60*
Wattage including ballast: *15,22 W*

Utilization factors:

k = 0.60	<i>0,024</i>
k = 0.80	<i>0,061</i>
k = 1.00	<i>0,100</i>
k = 1.25	<i>0,148</i>
k = 1.50	<i>0,193</i>
k = 2.00	<i>0,272</i>
k = 2.50	<i>0,337</i>
k = 3.00	<i>0,390</i>
k = 4.00	<i>0,472</i>
k = 5.00	<i>0,533</i>

Electrical parameters

<i>U</i>	<i>= 229,694 V</i>
<i>I</i>	<i>= 0,069 A</i>
<i>P</i>	<i>= 15,220 W</i>
<i>Power factor</i>	<i>= 0,957</i>

<i>Power apparent</i>	<i>= 15,901 VA</i>
<i>Power Reactive</i>	<i>= -4,604 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 30,044 %</i>

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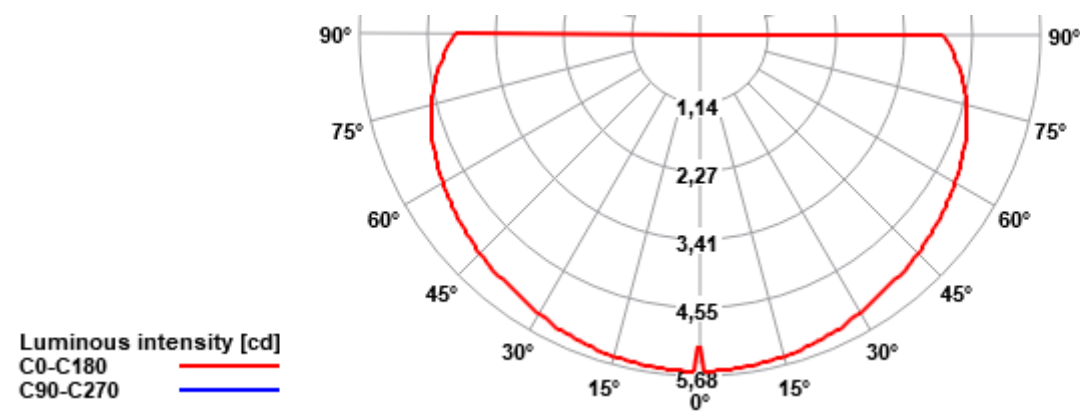
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	614,45 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	272,45 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	40,37 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4342
y	0,3995
Angular Colour Uniformity	0,0053

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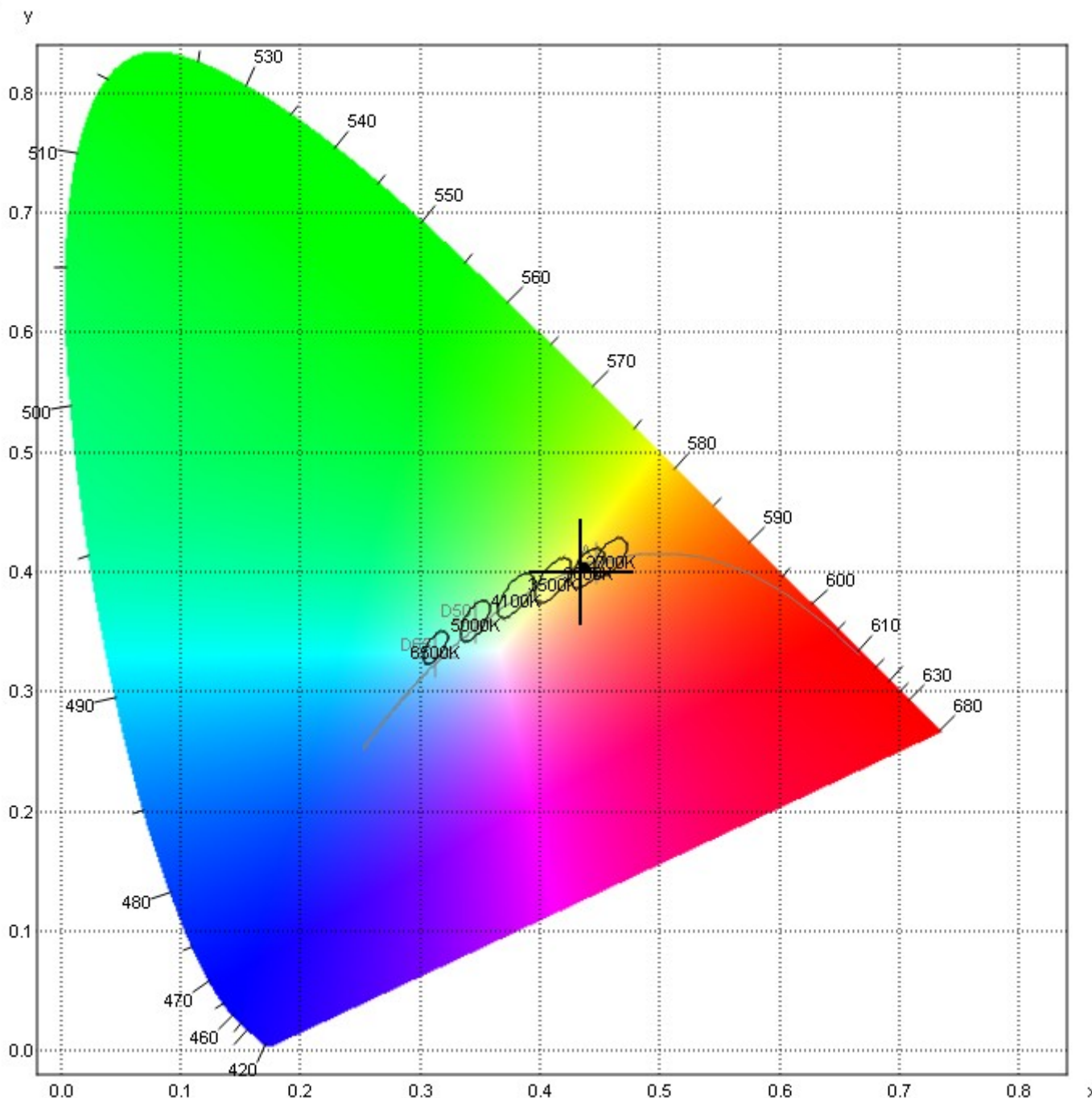
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Beam cone

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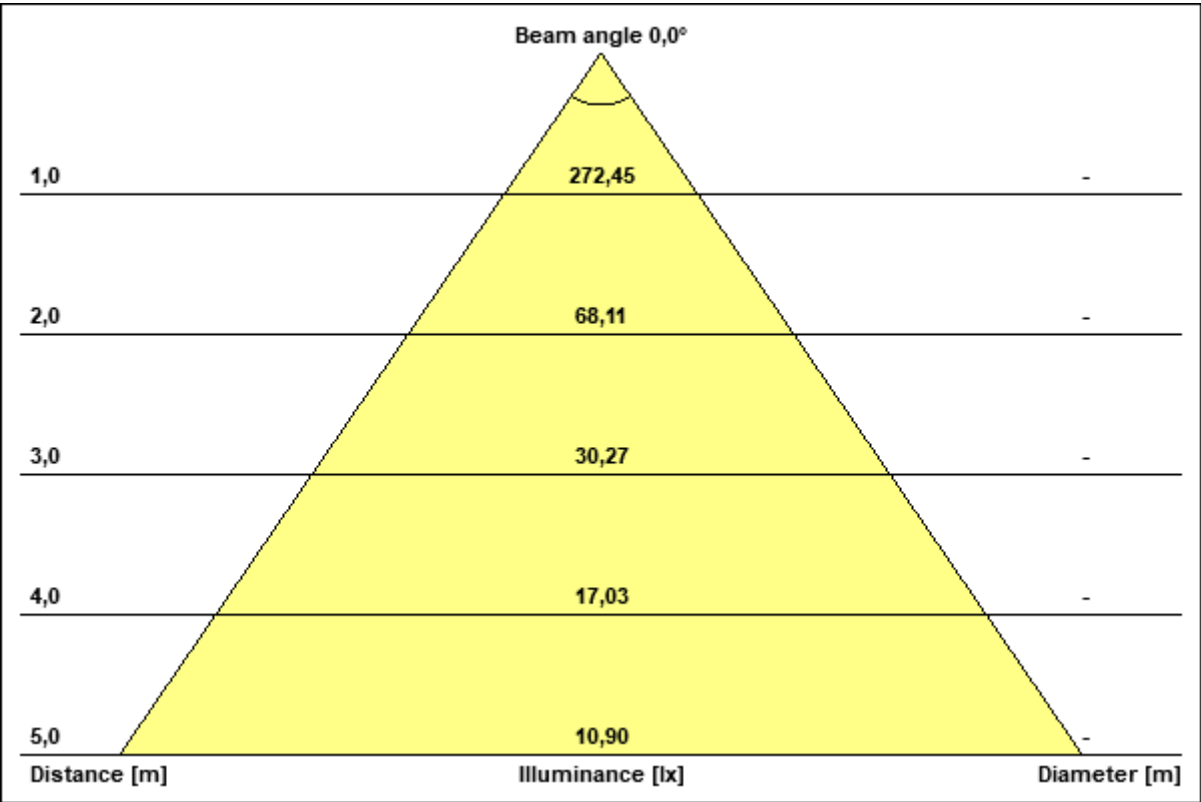
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Stabilization

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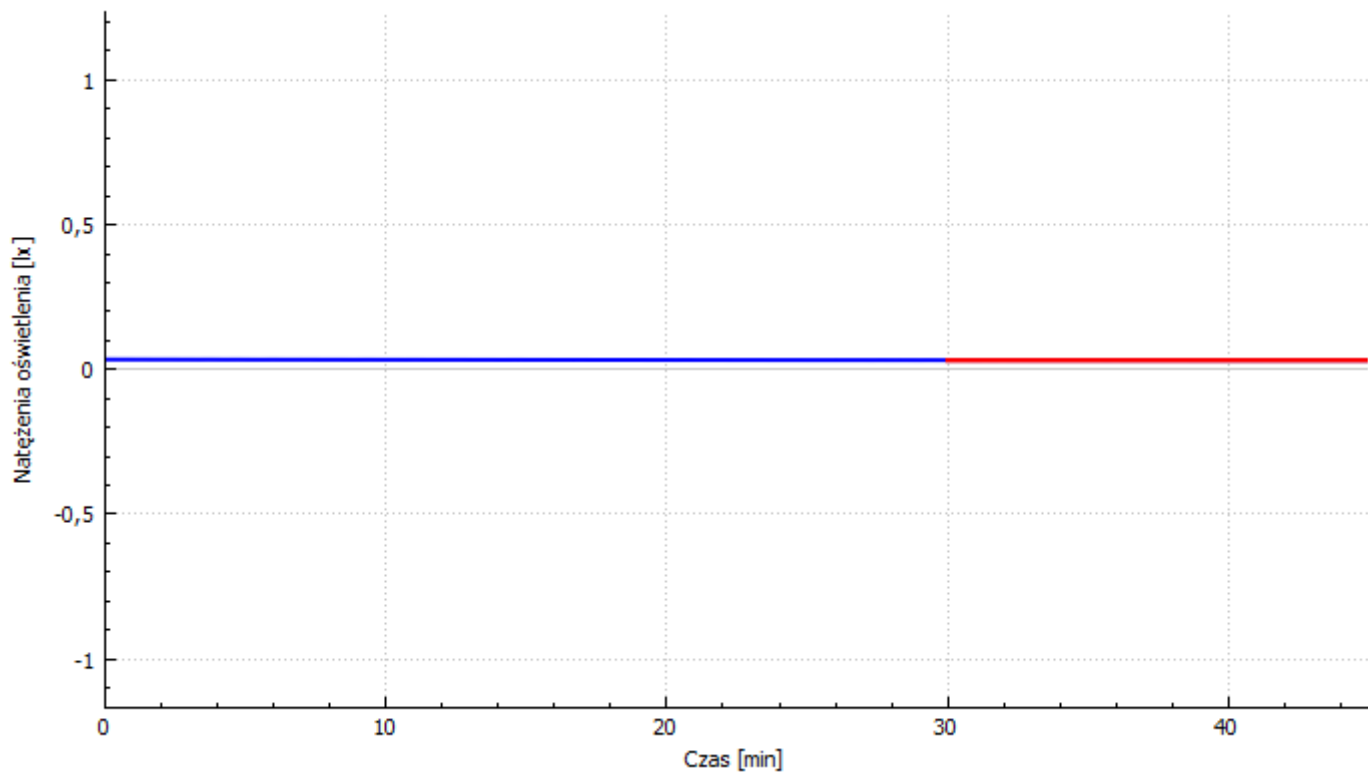
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3D Chart

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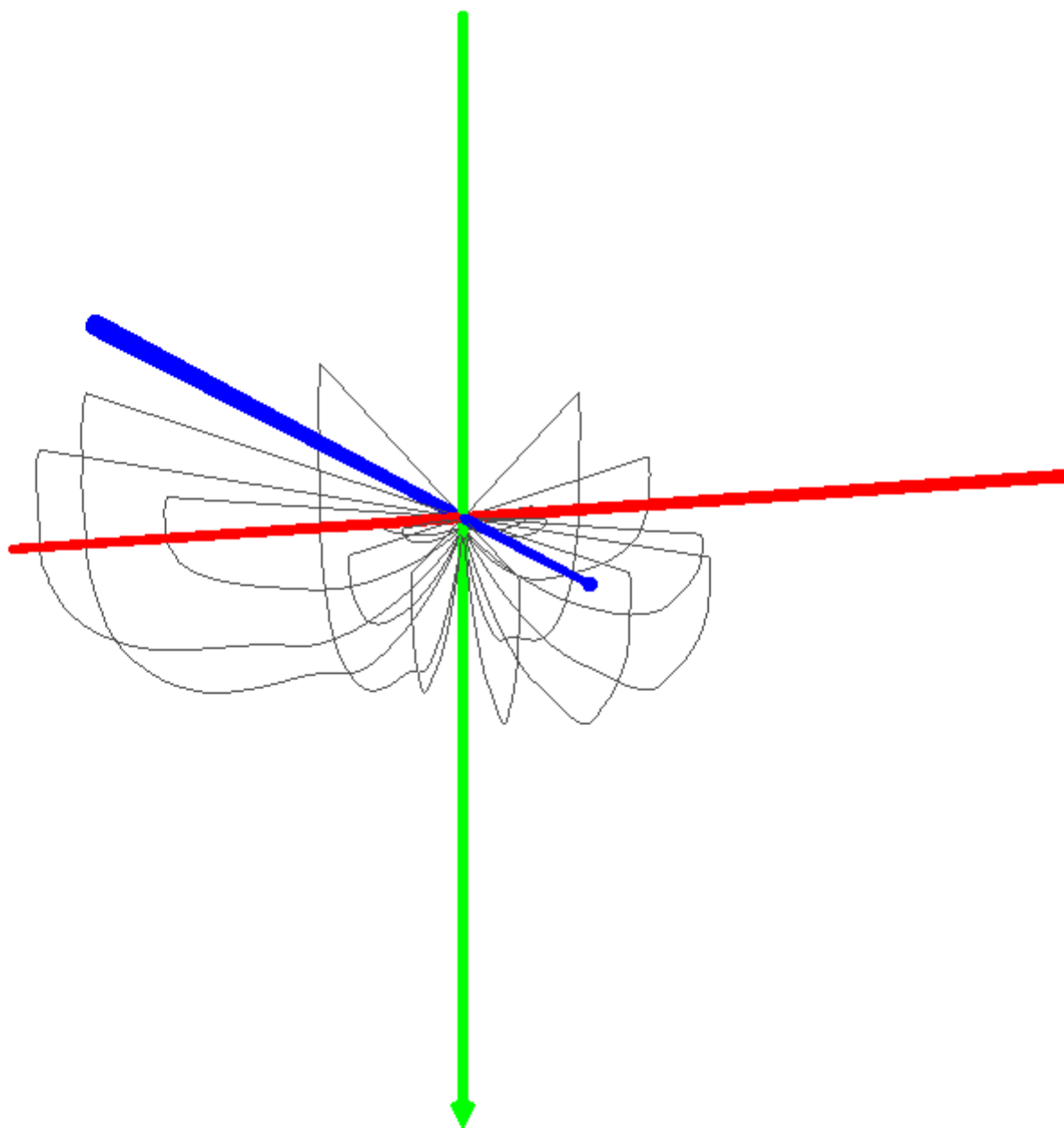
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
end
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			P(%f)
0	0,0283	0	0
1	100,000	100,000	100,000
2	0,0042	0	0
3	0,00452	6,527	4,41e-05
4	0,00216	0	0
5	0,00688	20,711	-0,000462
6	0,00116	0	0
7	0,00569	13,189	0,000222
8	0	0	0
9	0,000927	4,488	-0,000141
10	0	0	0
11	0,00511	10,403	-0,000424
12	0	0	0
13	0,00321	4,600	-3,67e-05
14	0	0	0
15	0,00216	4,045	-9,69e-05
16	0	0	0
17	0,00513	6,164	-0,000182
18	0	0	0
19	0,00242	1,600	-1,75e-05
20	0	0	0
21	0,00309	3,457	-1,59e-05

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22	0	0	0
23	0,00338	3,711	-0,000182
24	0	0	0
25	0,00117	0,215	-1,49e-06
26	0	0	0
27	0,00173	2,760	-2,28e-05
28	0	0	0
29	0,00372	2,107	-6,14e-05
30	0	0	0
31	0	0,498	0
32	0	0	0
33	0,00219	2,027	9,67e-06
34	0	0	0
35	0,00202	1,036	-3,26e-05
36	0	0	0
37	0	0,744	1,95e-05
38	0	0	0
39	0,00158	1,343	1,95e-05
40	0	0	0
41	0,00244	0,354	-1,06e-05
42	0	0	0
43	0,00146	0,726	2,13e-05
44	0	0	0
45	0,000984	0,754	7,34e-06
46	0	0	0
47	0,00148	0,0542	-5,74e-07
48	0	0	0
49	0,00211	0,559	1,43e-05
50	0	0	0

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