

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *dalen 4000K*

Item No: *AZ2962*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ2962*

LuminaireName: *Dalen 4000K*

LuminaireNumber: *AZ2962*

FileName: *AZ2962.Idt*

Date: *2024-06-11*

Dimensions of luminaire

Length: *230 mm*

Width: *40 mm*

Height: *100 mm*

Dimensions of luminous area

Length: *160 mm*

Width: *35 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: *728,77 lm*
Color temperatur: *4049 K*
Color rendering index: *80,73*
Wattage including ballast: *9,09 W*

Utilization factors:

k = 0.60	<i>0,064</i>
k = 0.80	<i>0,113</i>
k = 1.00	<i>0,160</i>
k = 1.25	<i>0,214</i>
k = 1.50	<i>0,262</i>
k = 2.00	<i>0,343</i>
k = 2.50	<i>0,405</i>
k = 3.00	<i>0,455</i>
k = 4.00	<i>0,531</i>
k = 5.00	<i>0,586</i>

Electrical parameters

<i>U</i>	<i>= 2,316 V</i>
<i>I</i>	<i>= 0,000 A</i>
<i>P</i>	<i>= 9,090 W</i>
<i>Power factor</i>	<i>= 0,000</i>

<i>Power apparent</i>	<i>= 0,000 VA</i>
<i>Power Reactive</i>	<i>= 0,000 var</i>
<i>Frequency Voltage</i>	<i>= 50,033 Hz</i>
<i>THD</i>	<i>= 43,303 %</i>

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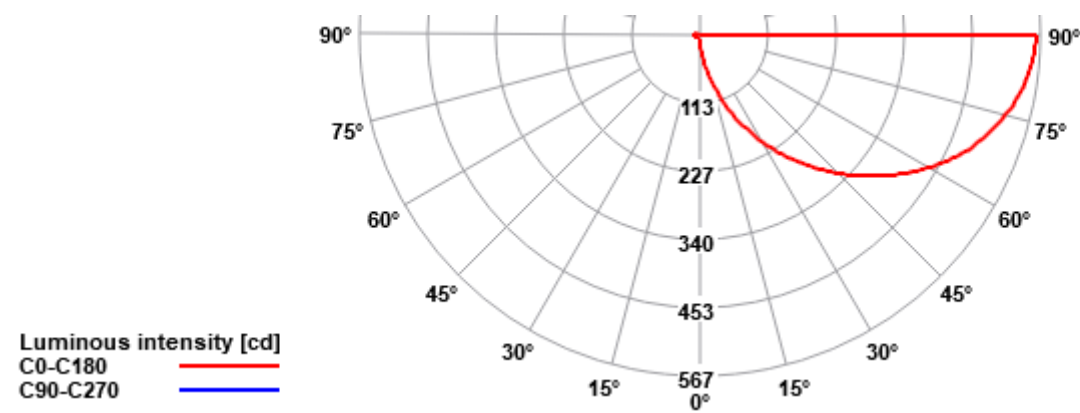
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	728,77 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	560,99 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	80,17 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3798
y	0,3809
Angular Colour Uniformity	0,0023

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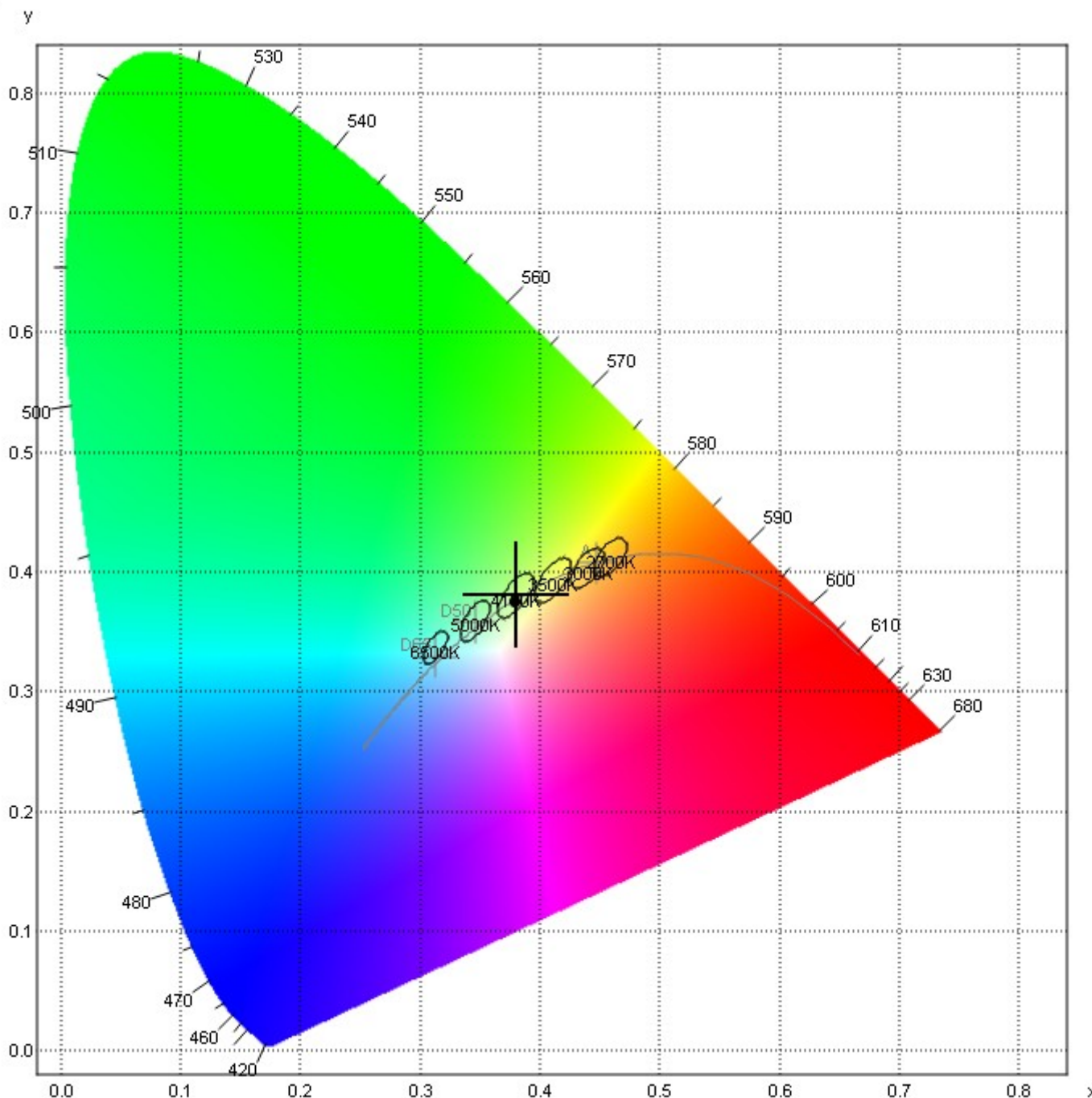
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Beam cone

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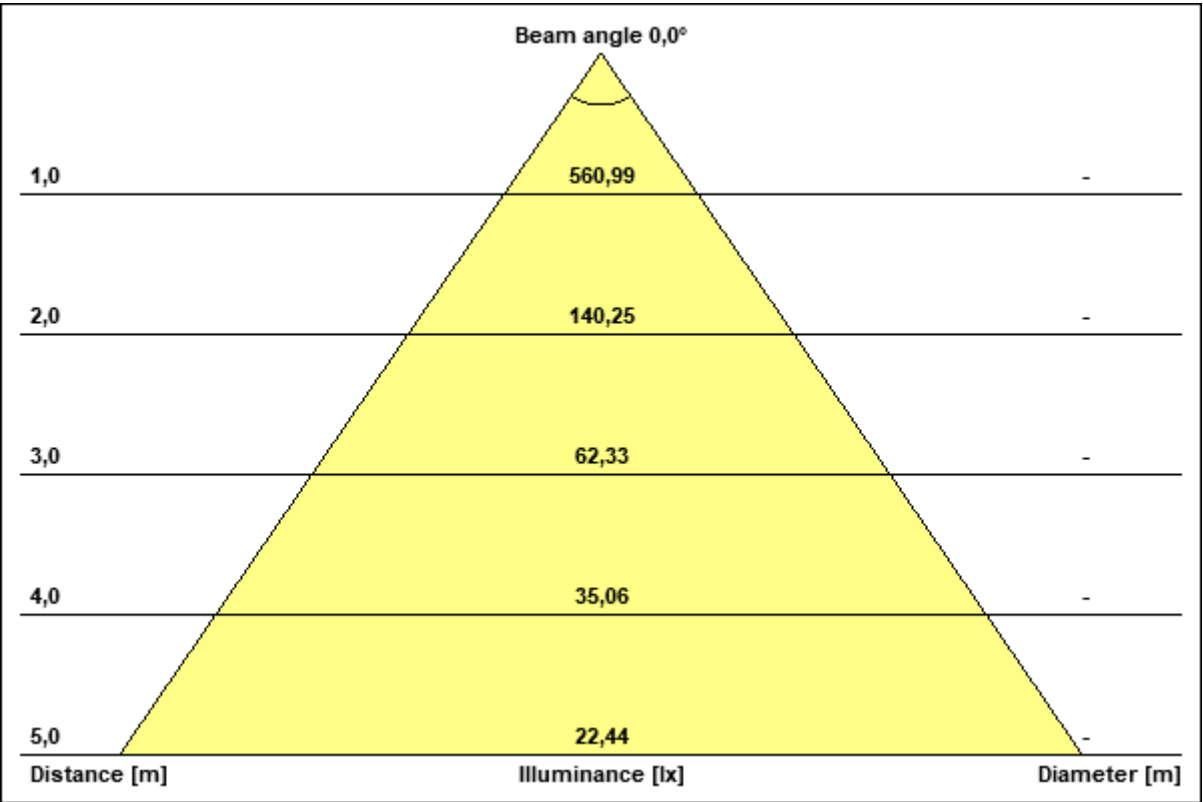
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Stabilization

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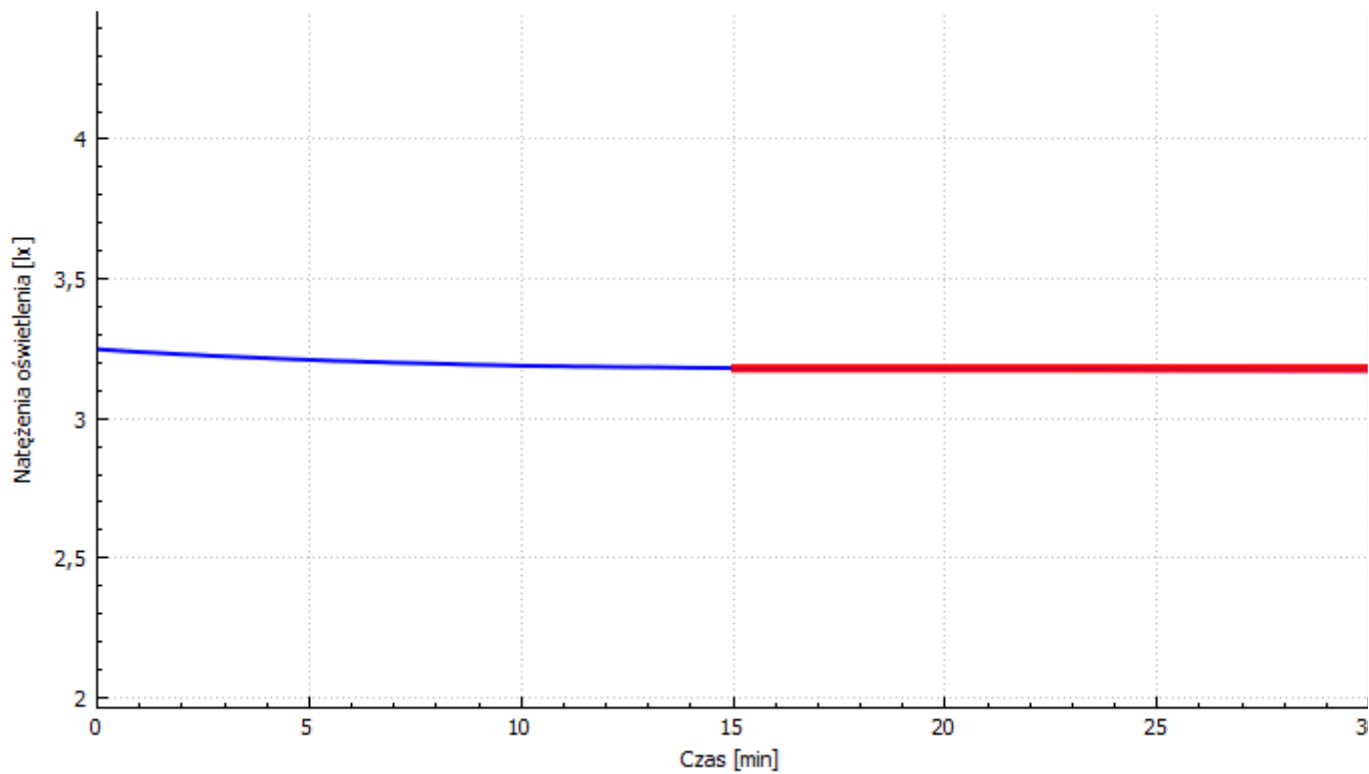
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3D Chart

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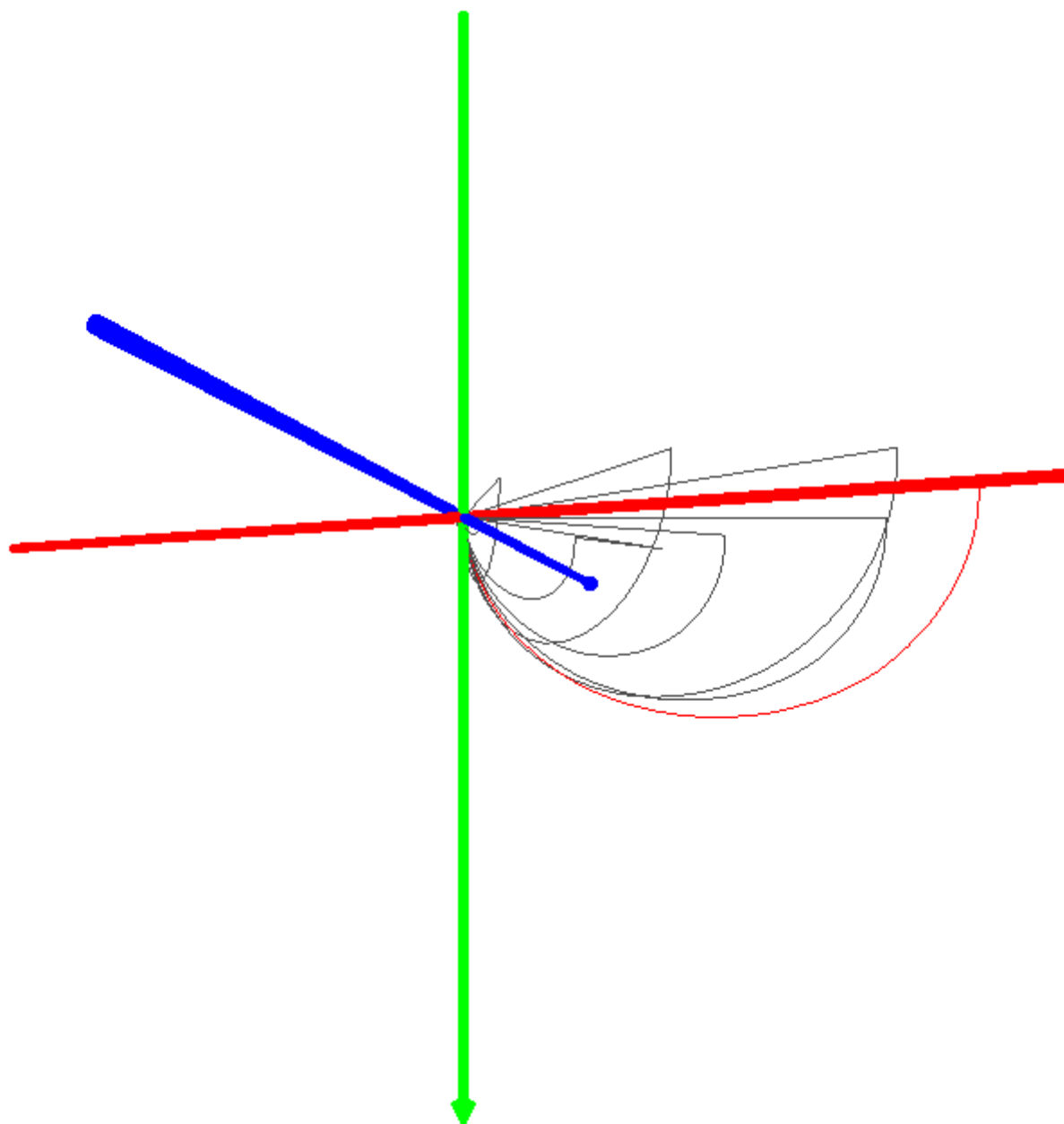
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

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

0	1,710	354,864	5,885
1	100,000	100,000	100,000
2	16,932	0	0
3	7,894	0	0
4	5,667	0	0
5	4,762	0	0
6	0,879	0	0
7	1,490	0	0
8	1,214	0	0
9	1,107	0	0
10	0,598	0	0
11	1,160	0	0
12	0,578	0	0
13	0,306	0	0
14	0,455	0	0
15	0,194	0	0
16	0,191	0	0
17	0,380	0	0
18	0,202	0	0
19	0,297	0	0
20	0,182	0	0
21	0,290	0	0

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22	0,0935	0	0
23	0,105	0	0
24	0,0678	0	0
25	0,373	0	0
26	0,164	0	0
27	0,246	0	0
28	0,399	43,303	0,0821
29	0,114	0	0
30	0,0931	0	0
31	0,207	0	0
32	0,170	0	0
33	0,159	0	0
34	0,142	0	0
35	0,127	0	0
36	0,123	0	0
37	0,192	0	0
38	0,0765	0	0
39	0,122	0	0
40	0,0373	0	0
41	0,136	0	0
42	0,0711	0	0
43	0,153	0	0
44	0,167	0	0
45	0,144	0	0
46	0,133	0	0
47	0,0452	0	0
48	0,0486	0	0
49	0,102	0	0
50	0,0911	0	0

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