

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Linnea 112 Switch CCT*
Item No: *AZ4569*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4569-3000K*
LuminaireName: *Linnea 112 Pendant CCT Switch*
LuminaireNumber: *AZ4569-3000K*
FileName: *AZ45693000K.Idt*
Date: *2024-06-18*

Dimensions of luminaire

Length: *1120 mm*
Width: *45 mm*
Height: *1000 mm*

Dimensions of luminous area

Length: *1116 mm*
Width: *32 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: *2577,57 lm*
Color temperatur: *3106 K*
Color rendering index: *82,61*
Wattage including ballast: *51,18 W*

Utilization factors:

k = 0.60	<i>0,316</i>
k = 0.80	<i>0,404</i>
k = 1.00	<i>0,481</i>
k = 1.25	<i>0,555</i>
k = 1.50	<i>0,613</i>
k = 2.00	<i>0,700</i>
k = 2.50	<i>0,748</i>
k = 3.00	<i>0,784</i>
k = 4.00	<i>0,833</i>
k = 5.00	<i>0,864</i>

Electrical parameters

<i>U</i>	<i>= 229,658 V</i>
<i>I</i>	<i>= 0,229 A</i>
<i>P</i>	<i>= 51,182 W</i>
<i>Power factor</i>	<i>= 0,974</i>

<i>Power apparent</i>	<i>= 52,530 VA</i>
<i>Power Reactive</i>	<i>= -11,847 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 12,418 %</i>

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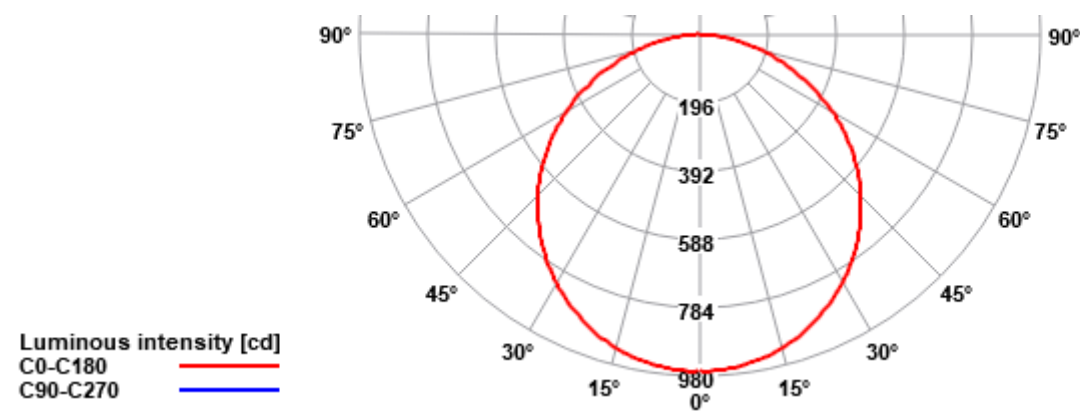
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2577,57 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	970,56 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	50,36 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4295
y	0,4013
Angular Colour Uniformity	0,0024

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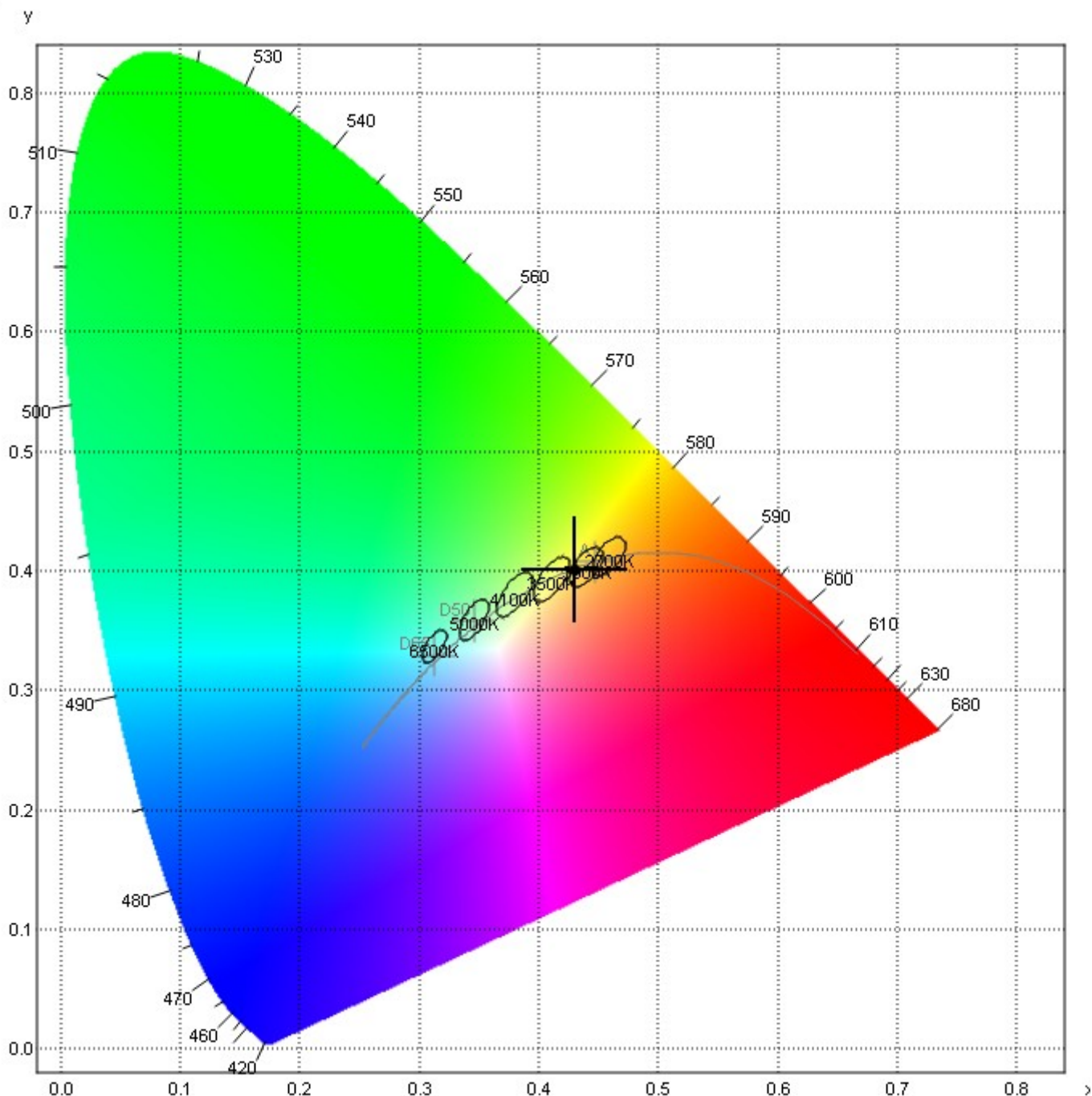
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Beam cone

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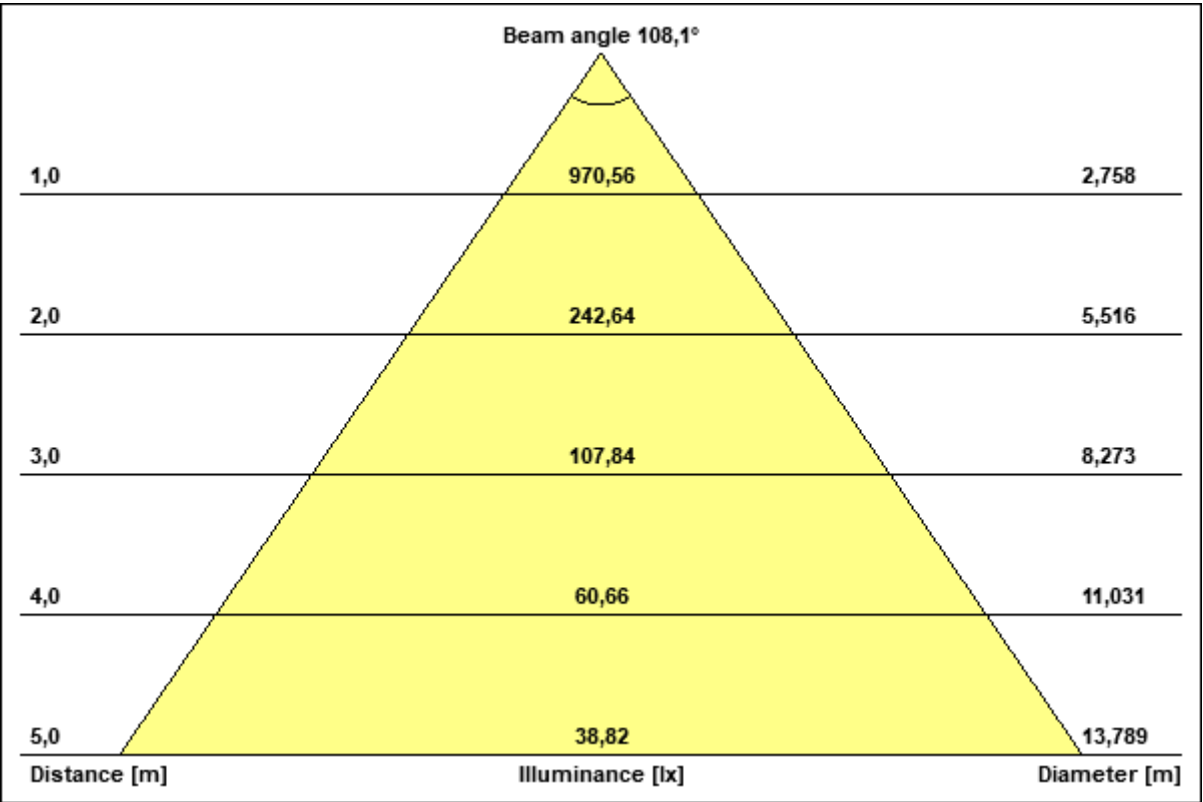
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Stabilization

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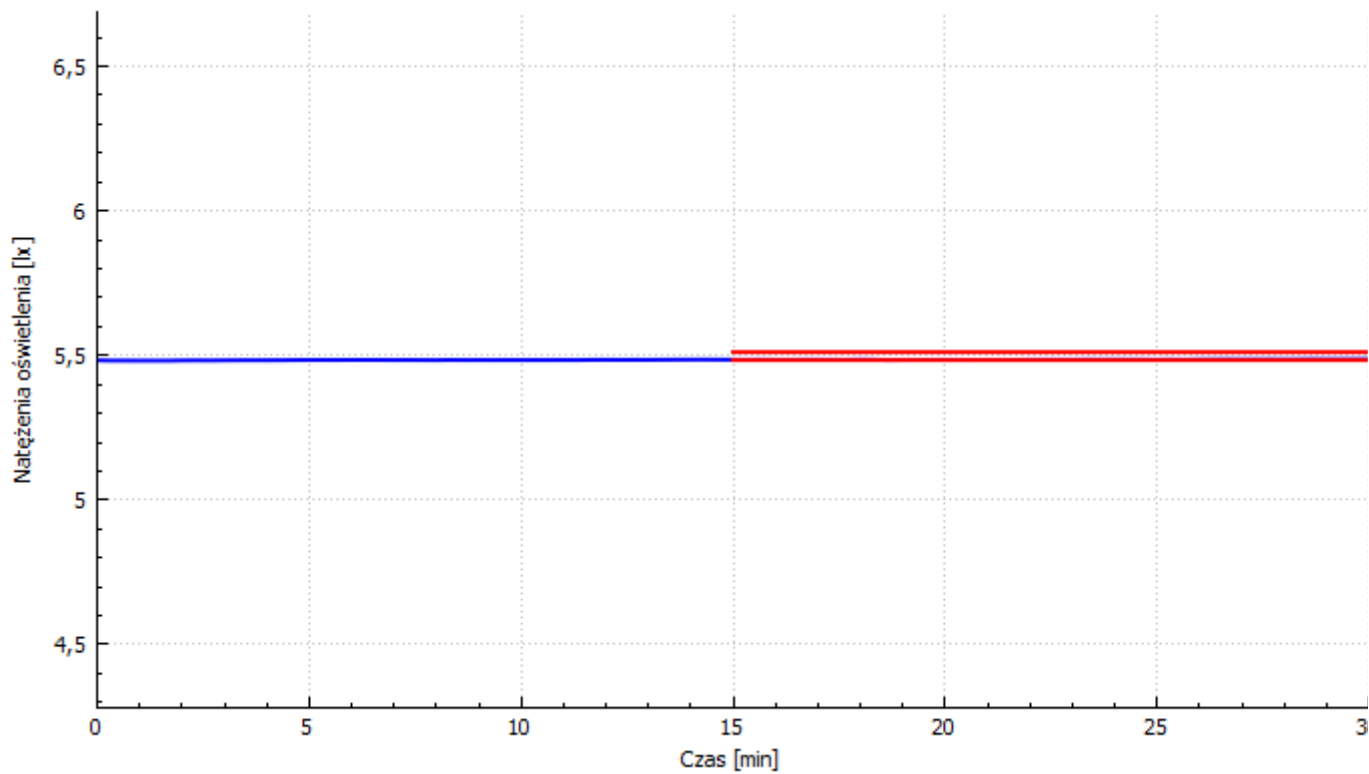
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3D Chart

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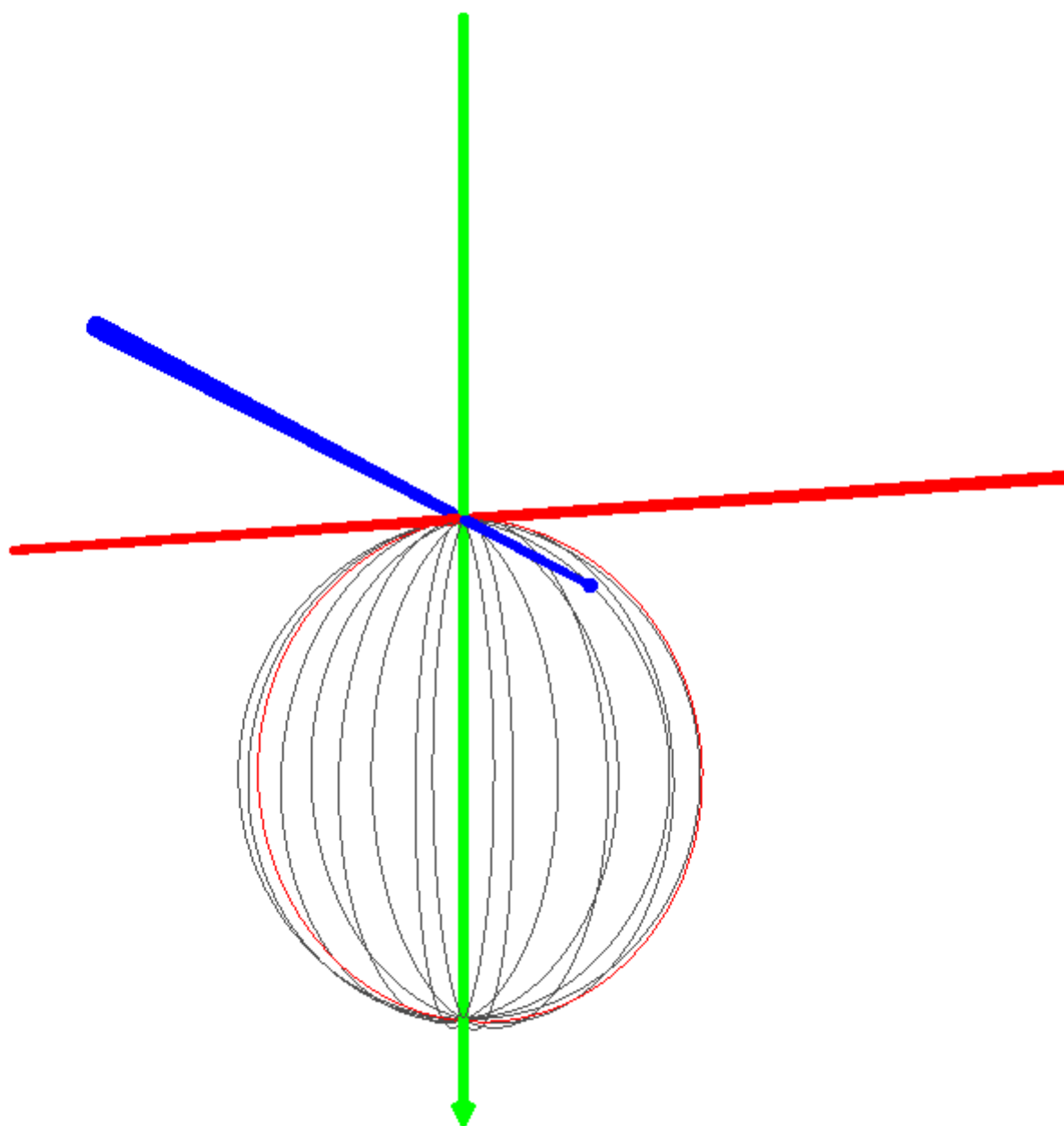
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

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

0	0	0,223	0
1	100,000	100,000	100,000
2	0,00326	0	0
3	0,0261	11,391	0,00296
4	0,00204	0	0
5	0,000991	3,356	2,45e-05
6	0,00129	0	0
7	0,000864	2,096	2,74e-05
8	0	0	0
9	0,00411	1,812	4,66e-05
10	0	0	0
11	0,00817	1,598	7,95e-05
12	0	0	0
13	0,00669	1,203	5,62e-05
14	0	0	0
15	0,00334	0,678	1,85e-05
16	0	0	0
17	0,00182	0,205	3,28e-06
18	0	0	0
19	0,00181	0,073	-1,43e-07
20	0	0	0
21	0,00283	0,174	-1,66e-06

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22	0	0	0
23	0,00233	0,255	6,24e-06
24	0	0	0
25	0,00216	0,304	2,18e-06
26	0	0	0
27	0,00222	0,286	1,58e-06
28	0,00115	0	0
29	0,00185	0,236	3,2e-06
30	0,001	0	0
31	0	0,208	0
32	0	0	0
33	0	0,164	0
34	0	0	0
35	0,00101	0,147	0
36	0,000854	0	0
37	0	0,134	0
38	0,000894	0	0
39	0,000949	0,071	0
40	0	0	0
41	0,00301	0,159	1,1e-06
42	0	0	0
43	0,00224	0,271	4,8e-06
44	0,000993	0	0
45	0,00126	0,312	2,4e-06
46	0,000867	0	0
47	0,000847	0,263	0
48	0,000926	0	0
49	0,000857	0,166	0
50	0	0	0

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