

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: *AZ4569-6000K*
LuminaireName: *Linnea 112 Pendant CCT Switch*
LuminaireNumber: *AZ4569-6000K*
FileName: *AZ45696000K.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

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Type of lamps: *LED*
Total luminous flux: *2745,29 lm*
Color temperatur: *5838 K*
Color rendering index: *84,58*
Wattage including ballast: *49,85 W*

Utilization factors:

k = 0.60	<i>0,316</i>
k = 0.80	<i>0,403</i>
k = 1.00	<i>0,480</i>
k = 1.25	<i>0,555</i>
k = 1.50	<i>0,612</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>= 229,648 V</i>
<i>I</i>	<i>= 0,223 A</i>
<i>P</i>	<i>= 49,854 W</i>
<i>Power factor</i>	<i>= 0,973</i>

<i>Power apparent</i>	<i>= 51,228 VA</i>
<i>Power Reactive</i>	<i>= -11,786 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 12,576 %</i>

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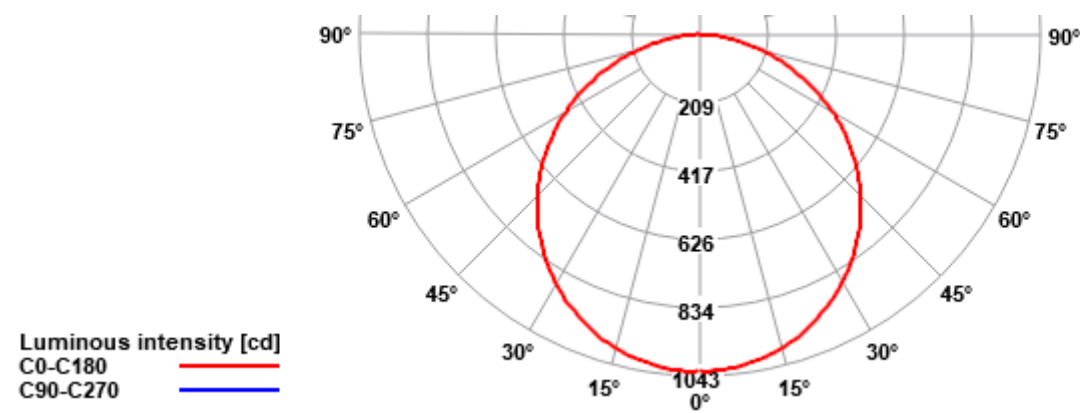
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2745,29 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1032,43 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	55,07 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3252
y	0,3375
Angular Colour Uniformity	0,0033

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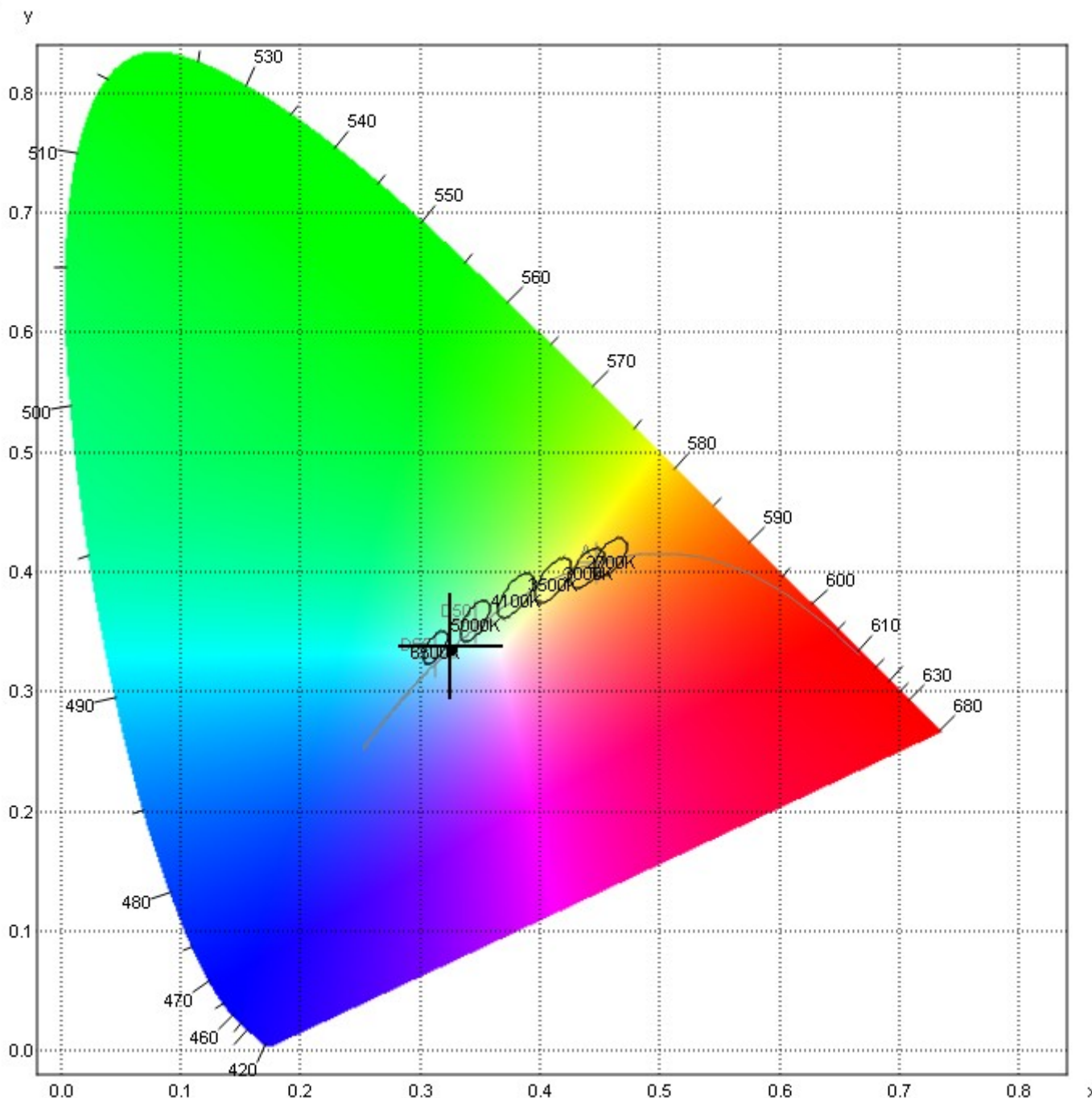
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Beam cone

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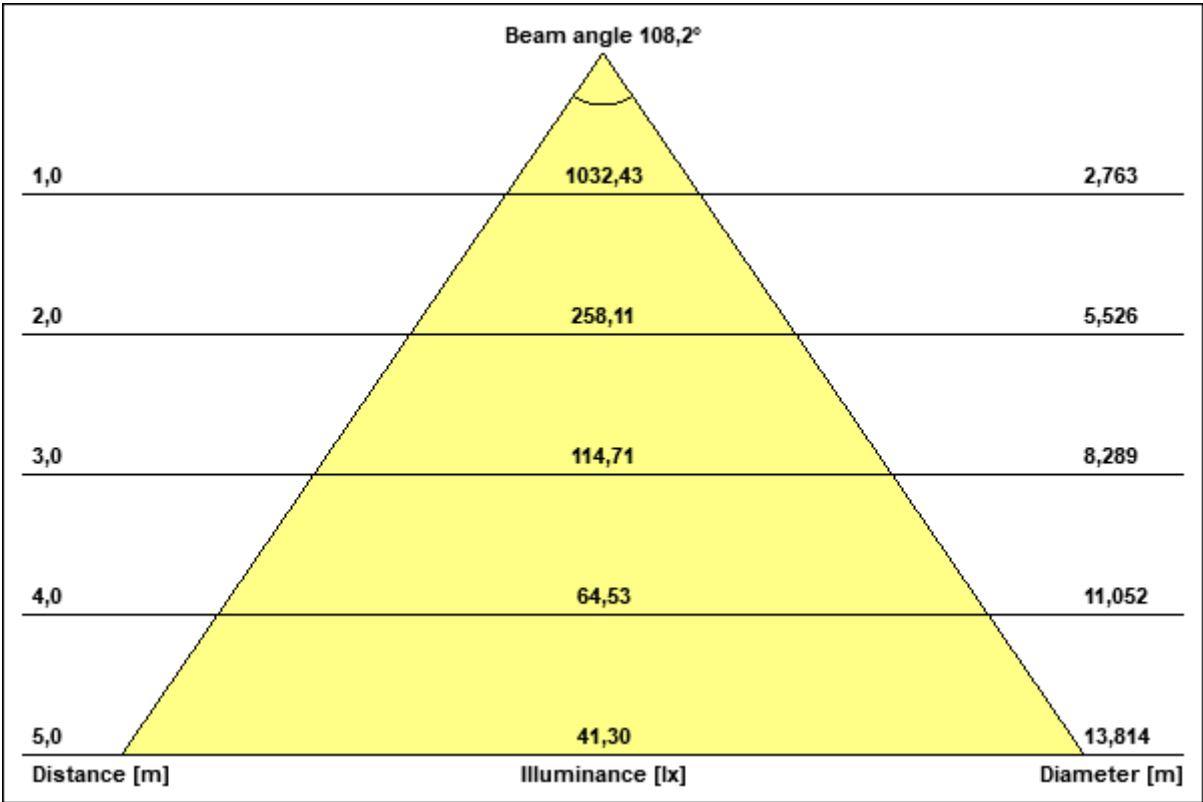
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Stabilization

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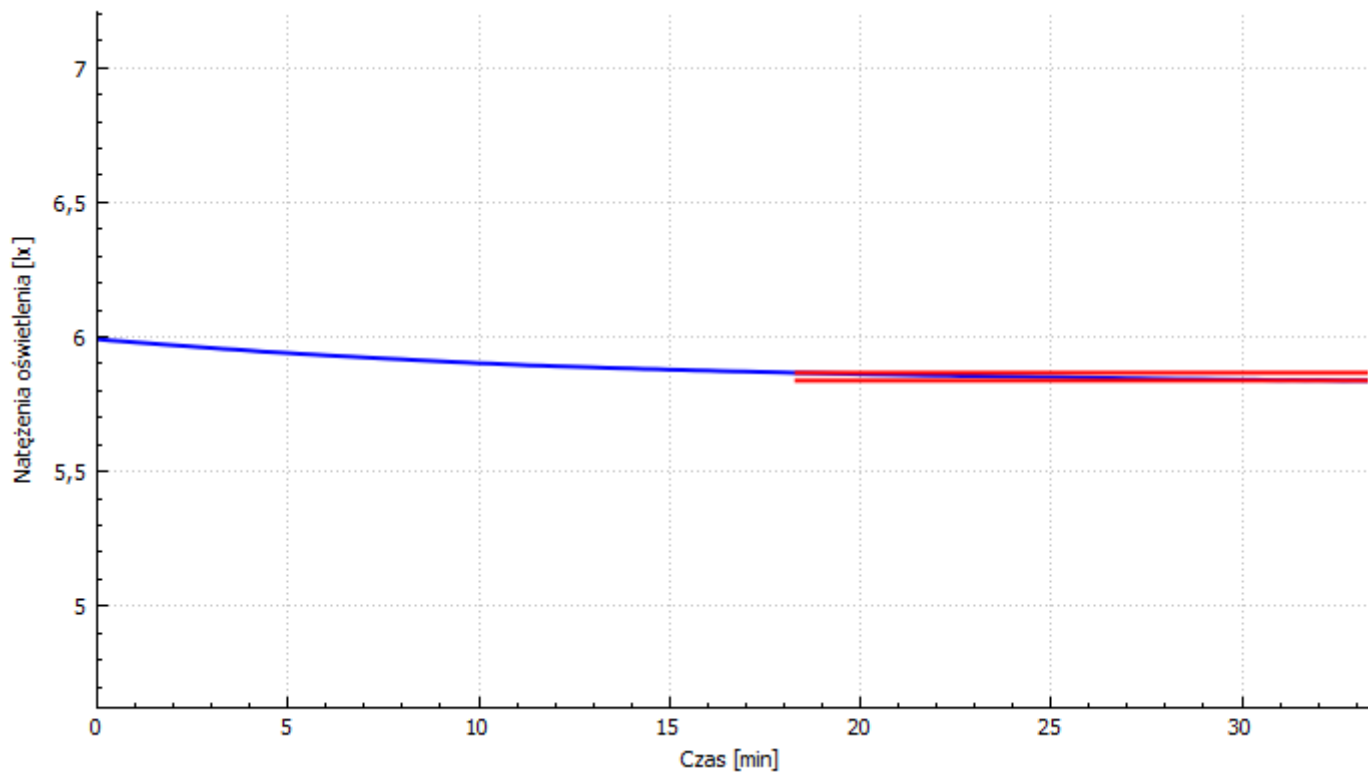
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3D Chart

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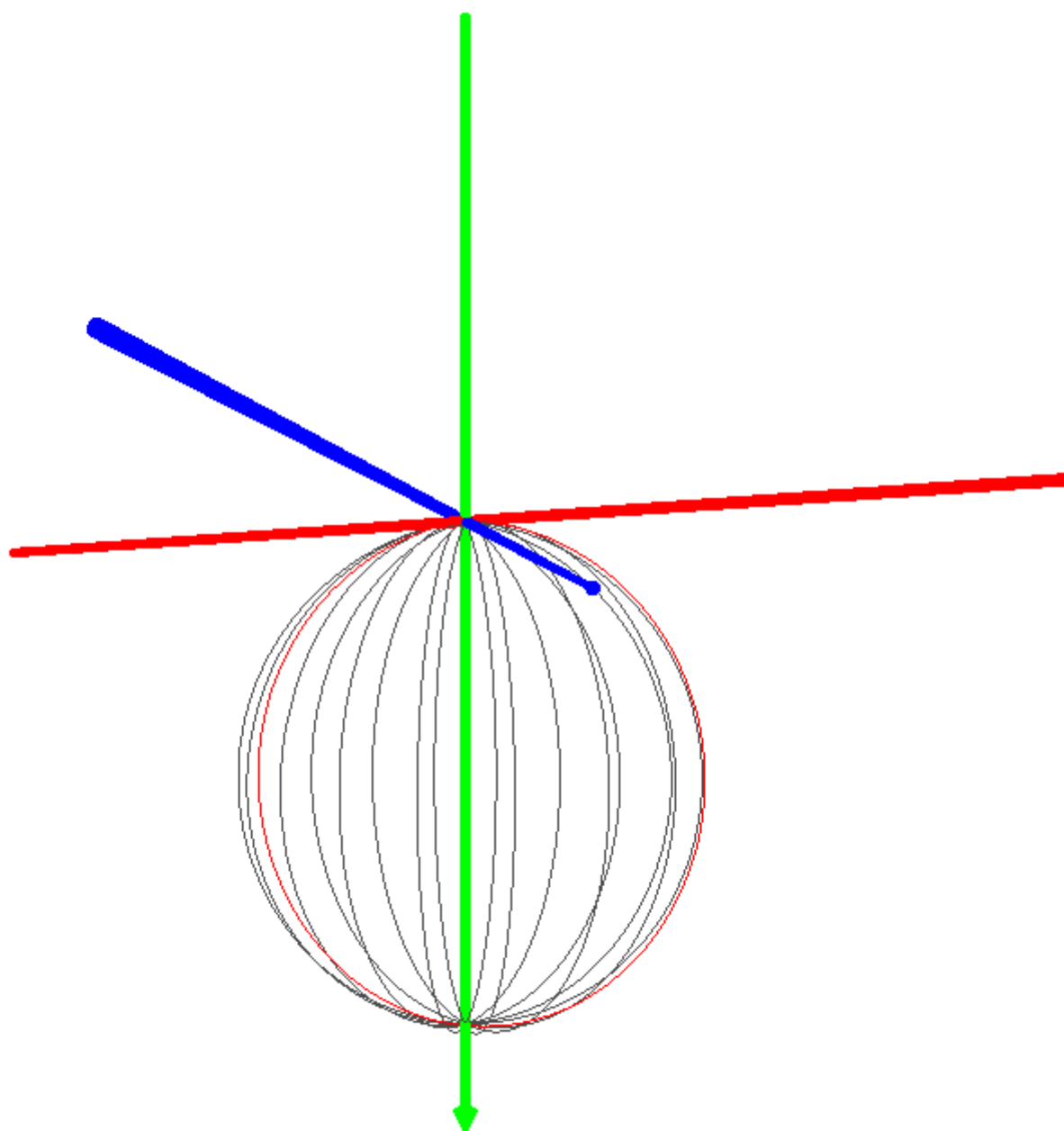
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0	0,215	0
1	100,000	100,000	100,000
2	0,00383	0	0
3	0,0257	11,551	0,00295
4	0,00164	0	0
5	0,000902	3,352	3,1e-05
6	0	0	0
7	0,00127	2,125	2,48e-05
8	0	0	0
9	0,00458	1,868	4,71e-05
10	0	0	0
11	0,00844	1,638	8,14e-05
12	0	0	0
13	0,00641	1,209	4,91e-05
14	0	0	0
15	0,00282	0,642	1,7e-05
16	0	0	0
17	0,00192	0,166	2,27e-06
18	0	0	0
19	0,0018	0,101	-4,15e-07
20	0	0	0
21	0,00288	0,191	-1,06e-06

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22	0	0	0
23	0,00318	0,286	8,69e-06
24	0	0	0
25	0,00259	0,324	3,32e-06
26	0,00102	0	0
27	0,00215	0,282	2,37e-06
28	0,000983	0	0
29	0,00206	0,235	4,73e-06
30	0,000832	0	0
31	0	0,207	9,64e-07
32	0,000844	0	0
33	0	0,159	0
34	0	0	0
35	0	0,147	6,91e-07
36	0,000851	0	0
37	0	0,127	0
38	0	0	0
39	0,00128	0,0639	0
40	0,000975	0	0
41	0,00347	0,201	1,84e-06
42	0,000914	0	0
43	0,00228	0,309	3,88e-06
44	0,00171	0	0
45	0,0012	0,313	0
46	0,00123	0	0
47	0	0,241	0
48	0,00143	0	0
49	0,00105	0,147	-1,55e-06
50	0,000832	0	0

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