

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Linnea 140 Switch CCT*
Item No: *AZ4571*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4571-3000K*
LuminaireName: *Linnea 140 Pendant CCT Switch*
LuminaireNumber: *AZ4571-3000K*
FileName: *AZ45713000K.Idt*
Date: *2024-06-18*

Dimensions of luminaire

Length: *1400 mm*
Width: *45 mm*
Height: *1000 mm*

Dimensions of luminous area

Length: *1396 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

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

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Type of lamps: *LED*
Total luminous flux: *3032,31 lm*
Color temperatur: *3107 K*
Color rendering index: *83,75*
Wattage including ballast: *58,83 W*

Utilization factors:

k = 0.60	<i>0,317</i>
k = 0.80	<i>0,406</i>
k = 1.00	<i>0,483</i>
k = 1.25	<i>0,558</i>
k = 1.50	<i>0,616</i>
k = 2.00	<i>0,704</i>
k = 2.50	<i>0,751</i>
k = 3.00	<i>0,788</i>
k = 4.00	<i>0,836</i>
k = 5.00	<i>0,867</i>

Electrical parameters

<i>U</i>	<i>= 229,645 V</i>
<i>I</i>	<i>= 0,263 A</i>
<i>P</i>	<i>= 58,829 W</i>
<i>Power factor</i>	<i>= 0,975</i>

<i>Power apparent</i>	<i>= 60,314 VA</i>
<i>Power Reactive</i>	<i>= -13,313 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 11,304 %</i>

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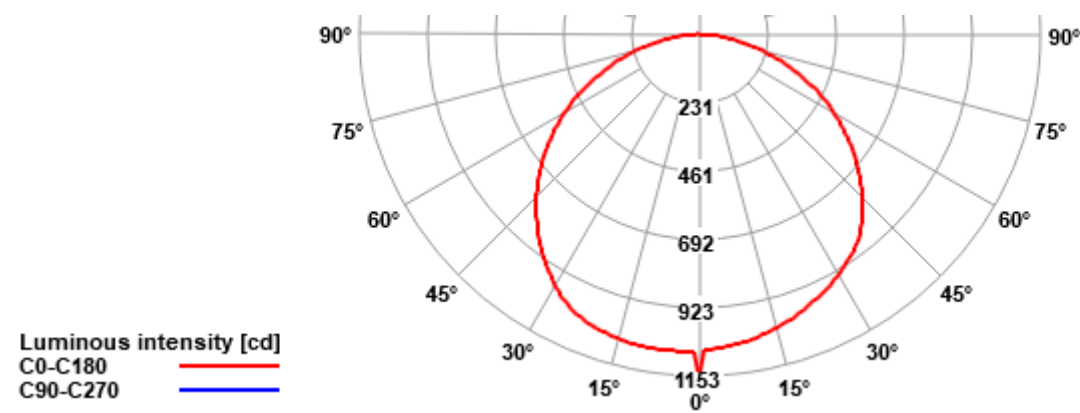
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	3032,31 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1151,88 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	51,54 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4288
y	0,3999
Angular Colour Uniformity	0,0020

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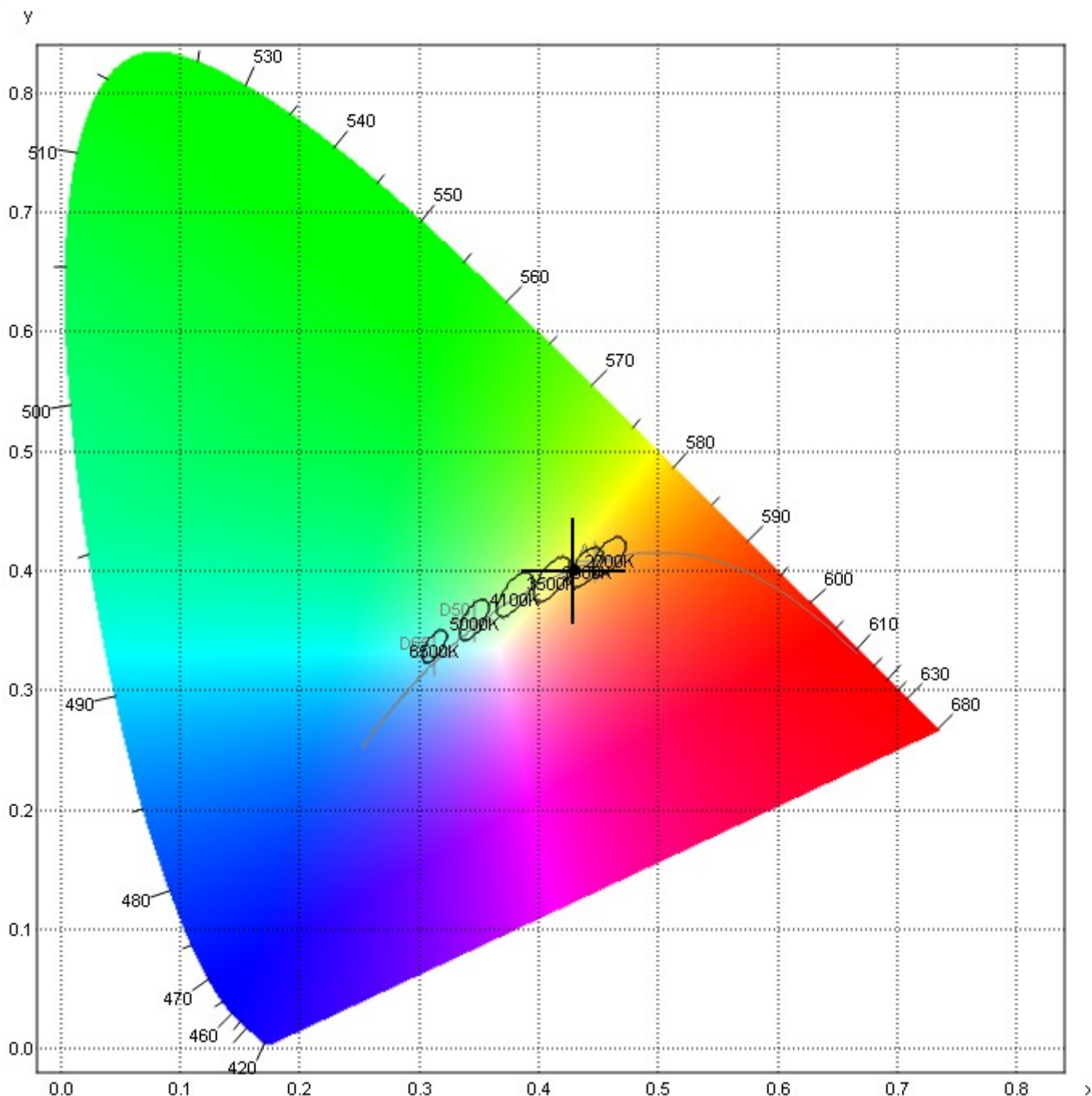
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Beam cone

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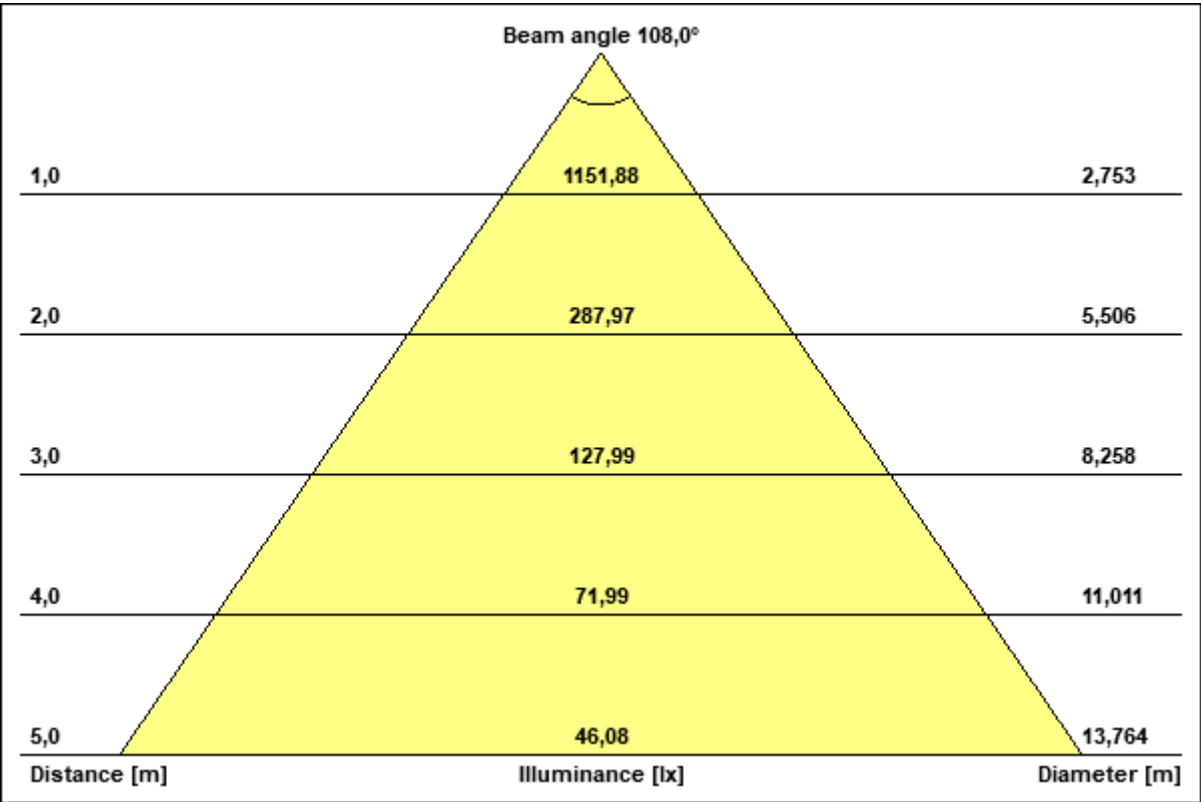
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Stabilization

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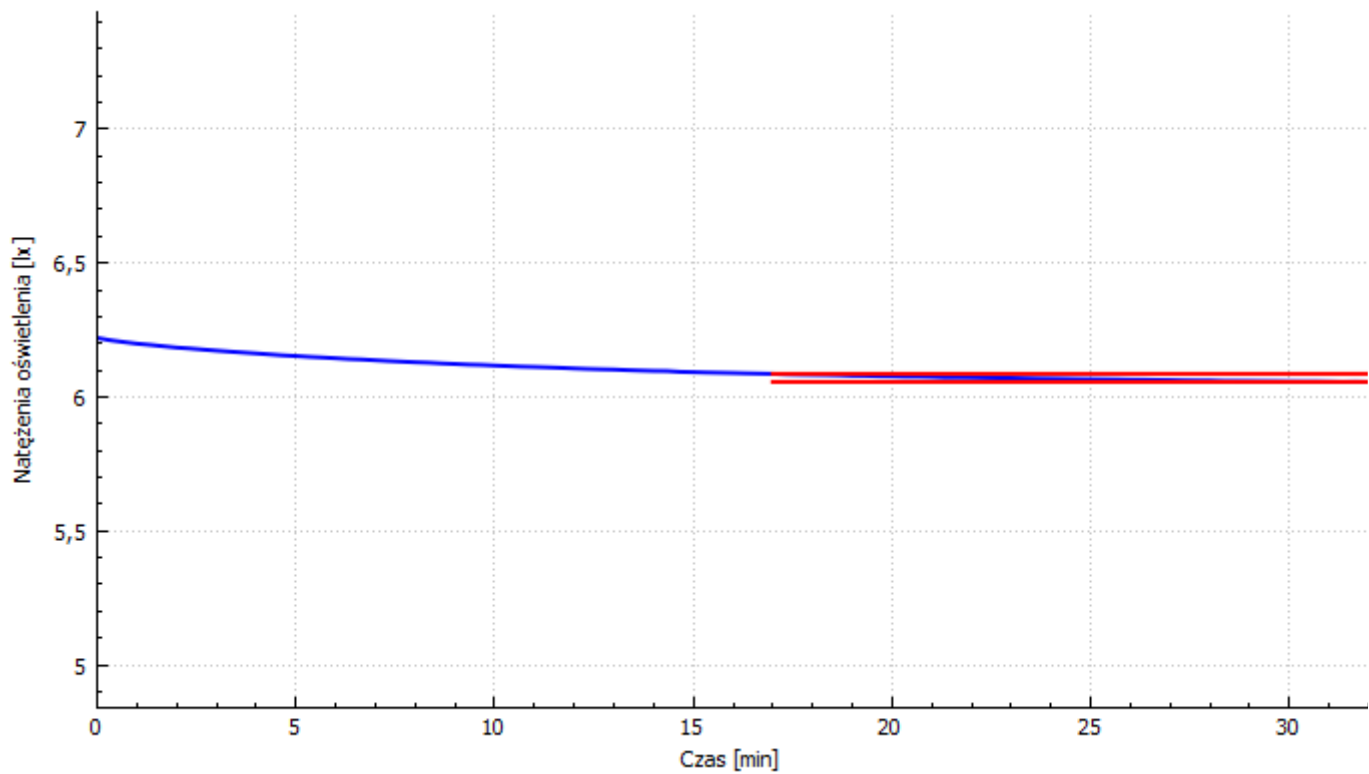
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3D Chart

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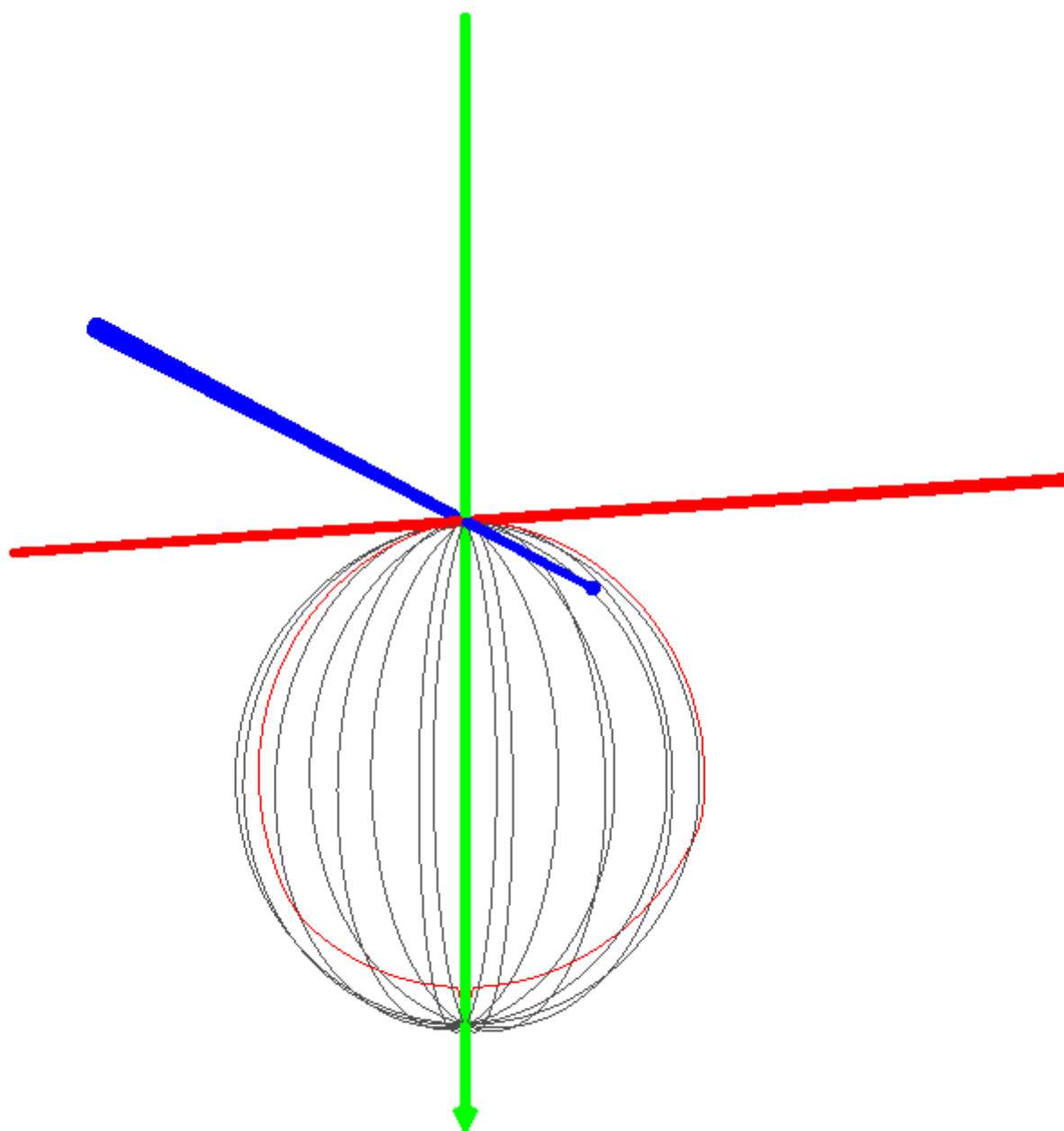
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
end
ed
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ort**

			P(%f)
0	0,00339	0,195	-5,8e-06
1	100,000	100,000	100,000
2	0,00365	0	0
3	0,0263	9,823	0,00259
4	0,00145	0	0
5	0,0031	3,048	7,16e-05
6	0,00102	0	0
7	0,00338	2,488	8,38e-05
8	0	0	0
9	0,00591	2,377	0,000117
10	0	0	0
11	0,0106	2,186	0,000141
12	0	0	0
13	0,00835	1,597	8,76e-05
14	0,000915	0	0
15	0,00386	0,785	2,15e-05
16	0	0	0
17	0	0,153	9,25e-07
18	0	0	0
19	0	0,187	-1,64e-06
20	0	0	0
21	0,00253	0,326	-3,9e-06

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22	0	0	0
23	0,00205	0,391	8,43e-06
24	0	0	0
25	0,0033	0,421	5,68e-06
26	0	0	0
27	0,00402	0,424	4,23e-06
28	0	0	0
29	0,00304	0,352	6,93e-06
30	0,000921	0	0
31	0,002	0,309	3,94e-06
32	0	0	0
33	0,0015	0,250	2,59e-06
34	0	0	0
35	0,00172	0,0747	1,08e-06
36	0	0	0
37	0,00155	0,266	1,16e-07
38	0	0	0
39	0,00355	0,423	5,47e-07
40	0	0	0
41	0,00521	0,390	9,63e-06
42	0,000893	0	0
43	0,00303	0,245	4,19e-06
44	0,00103	0	0
45	0	0,142	0
46	0	0	0
47	0,000968	0,133	-1,04e-06
48	0,000926	0	0
49	0,000961	0,142	-2,09e-06
50	0,00119	0	0

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