

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: *AZ4571-6000K*
LuminaireName: *Linnea 140 Pendant CCT Switch*
LuminaireNumber: *AZ4571-6000K*
FileName: *AZ45716000K.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

Kapitał 200.000PLN

Type of lamps: *LED*
Total luminous flux: *3124,43 lm*
Color temperatur: *5808 K*
Color rendering index: *84,69*
Wattage including ballast: *56,35 W*

Utilization factors:

$k = 0.60$	<i>0,317</i>
$k = 0.80$	<i>0,405</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>0,703</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

U	<i>= 229,613 V</i>
I	<i>= 0,252 A</i>
P	<i>= 56,353 W</i>
Power factor	<i>= 0,974</i>

Power apparent	<i>= 57,875 VA</i>
Power Reactive	<i>= -13,187 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 11,513 %</i>

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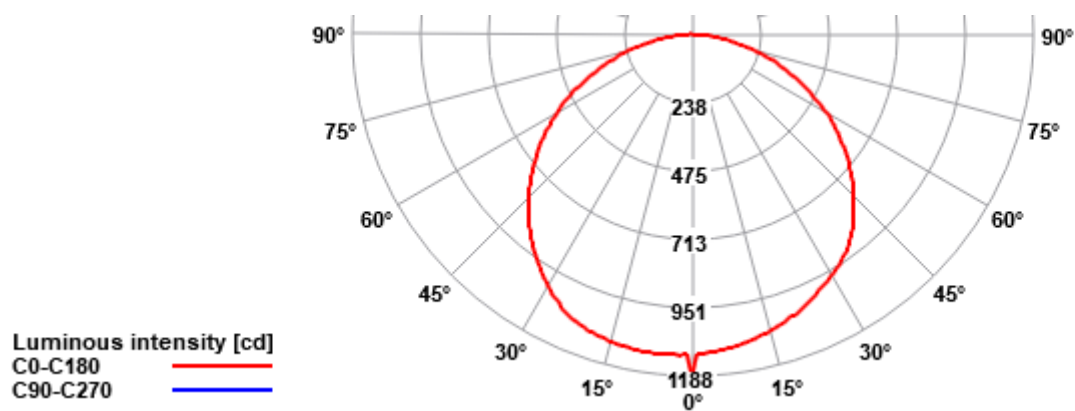
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	3124,43 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1185,40 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	55,45 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3256
y	0,3406
Angular Colour Uniformity	0,0024

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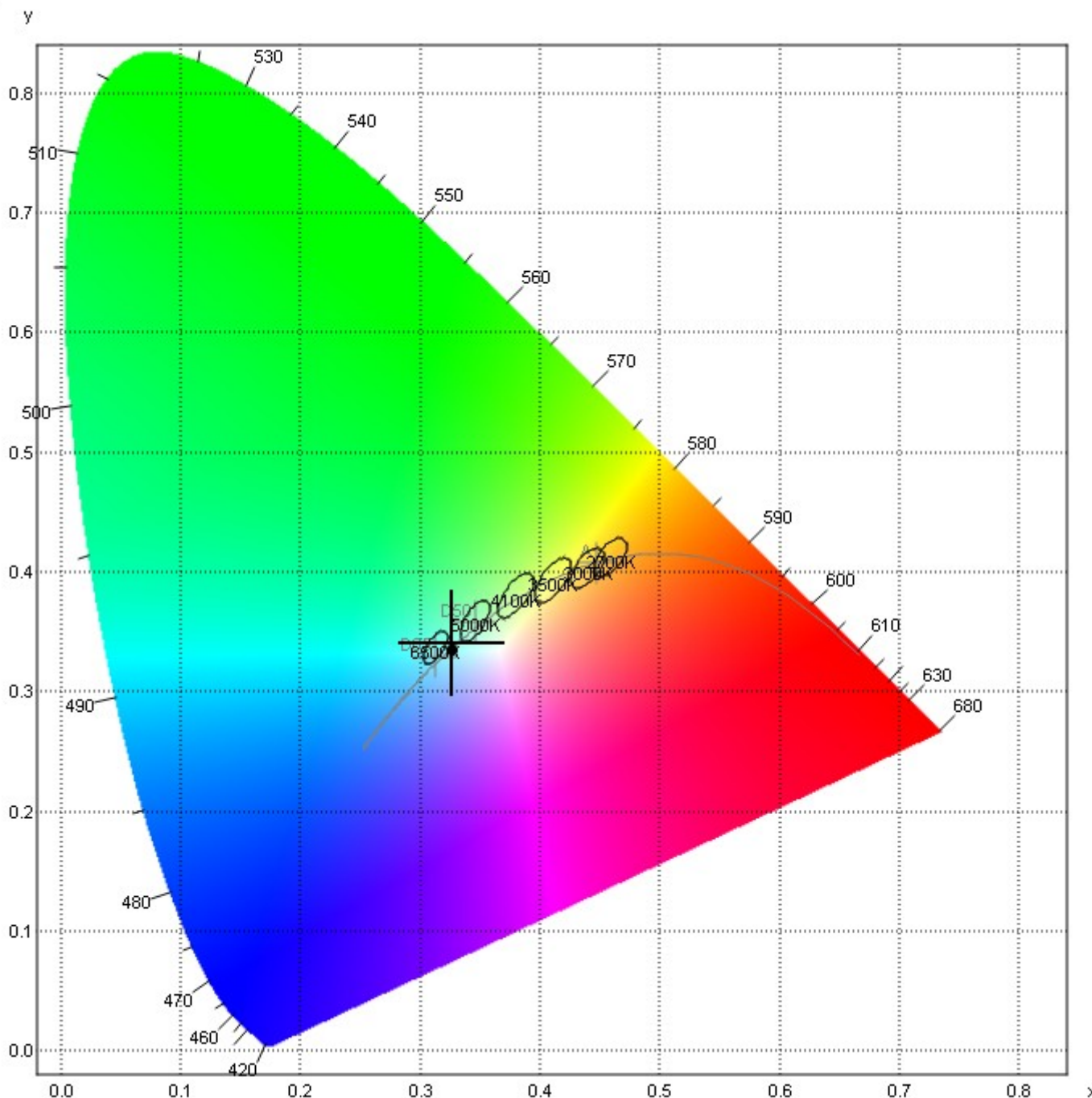
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Beam cone

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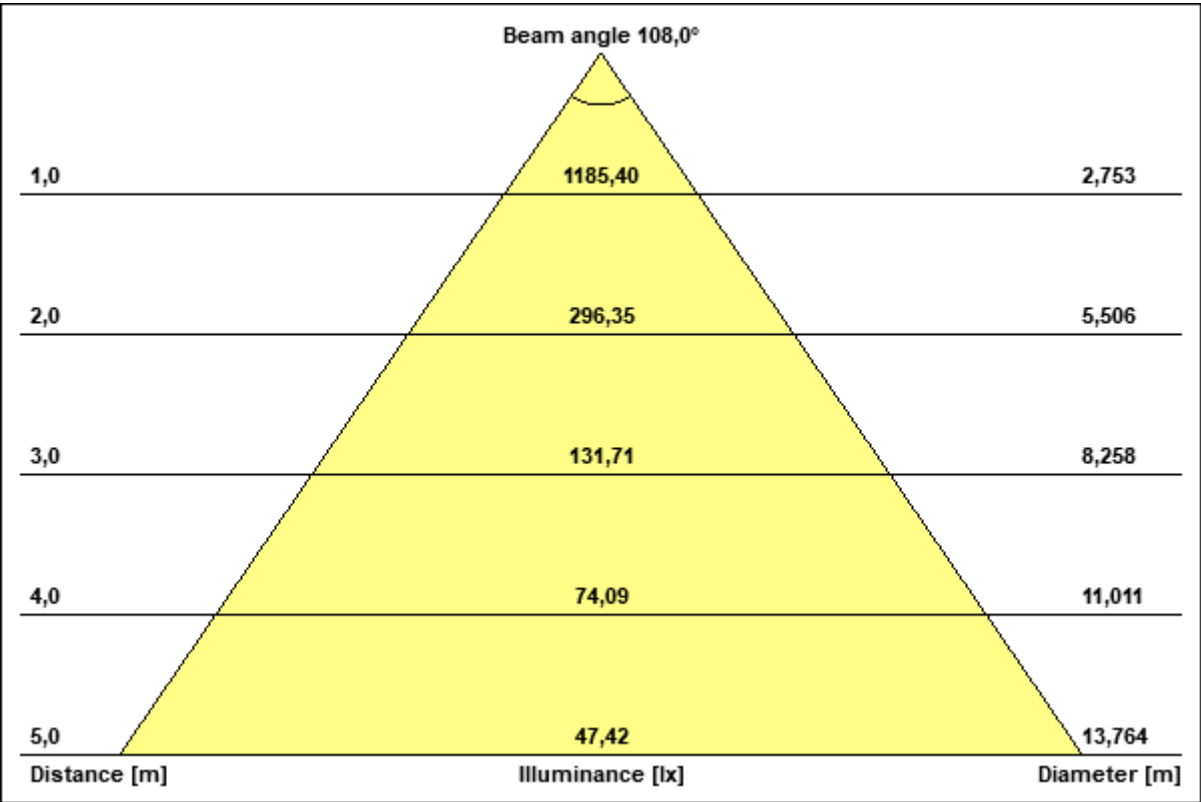
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Stabilization

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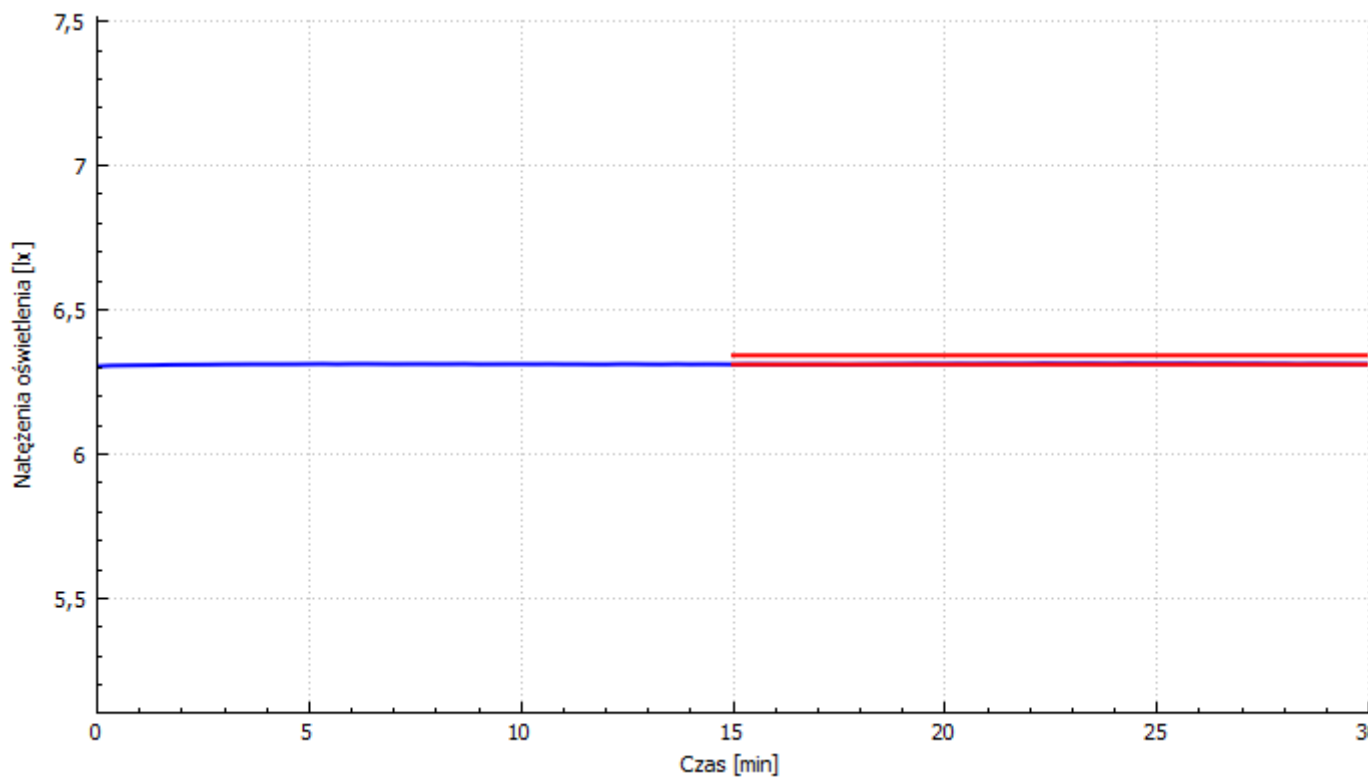
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3D Chart

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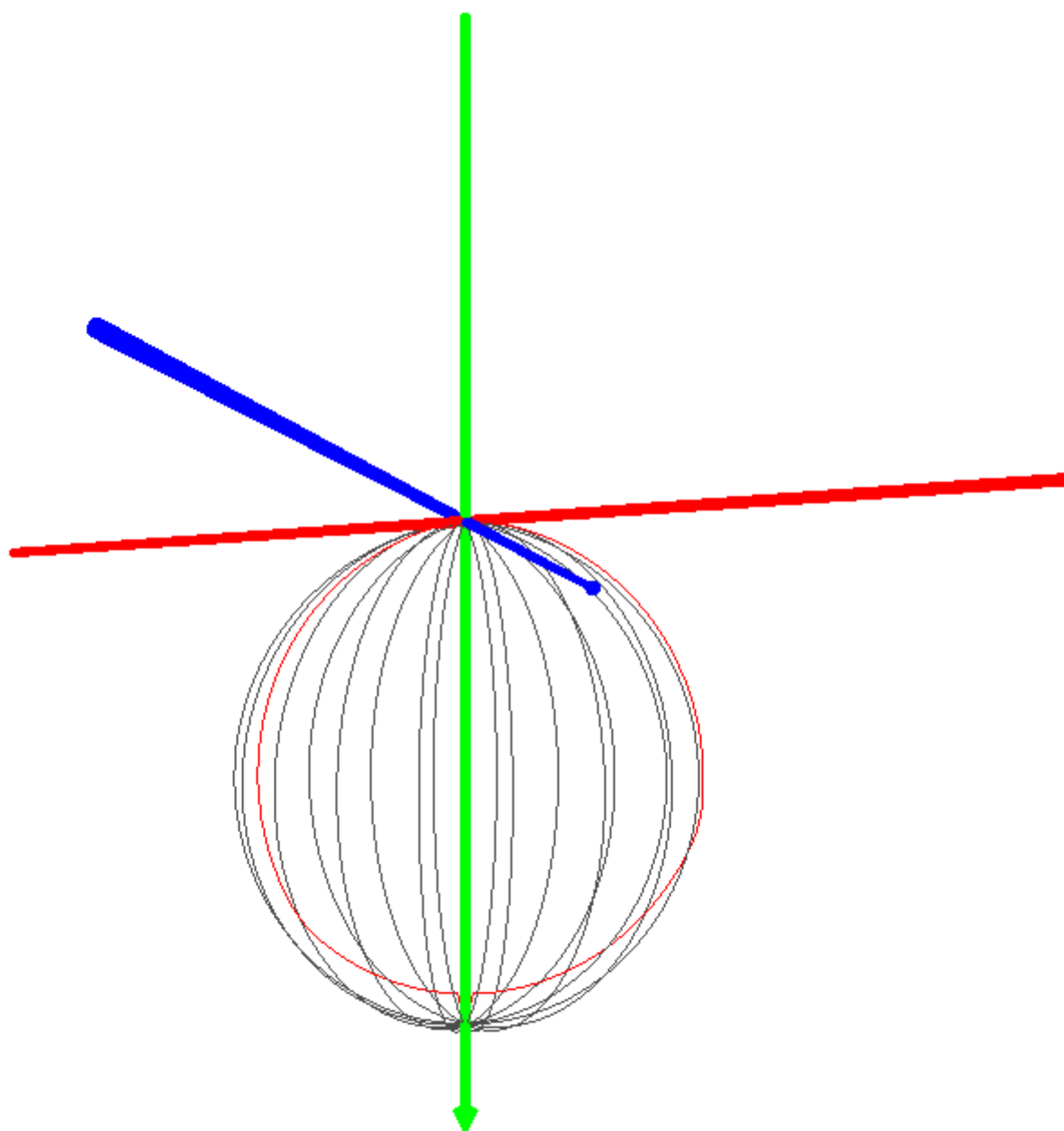
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
end
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U(%f)			I(%f)	P(%f)
0	0	0,361	0	
1	100,000	100,000	100,000	
2	0,00368	0	0	
3	0,0257	10,004	0,00255	
4	0,00217	0	0	
5	0,00329	3,109	6,46e-05	
6	0,00123	0	0	
7	0,00277	2,587	6,96e-05	
8	0	0	0	
9	0,00605	2,497	0,000114	
10	0	0	0	
11	0,0103	2,249	0,000171	
12	0	0	0	
13	0,00776	1,564	8,08e-05	
14	0	0	0	
15	0,00341	0,685	1,79e-05	
16	0	0	0	
17	0,00106	0,0916	-1,26e-07	
18	0	0	0	
19	0,00164	0,231	-3,02e-06	
20	0	0	0	
21	0,00276	0,367	-4,65e-06	

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22	0	0	0
23	0,00225	0,419	1,04e-05
24	0,000914	0	0
25	0,00329	0,444	6,22e-06
26	0	0	0
27	0,00396	0,425	6,19e-06
28	0	0	0
29	0,00306	0,345	6,87e-06
30	0	0	0
31	0,00211	0,324	2,26e-06
32	0	0	0
33	0,00171	0,205	2,84e-06
34	0	0	0
35	0,0012	0,121	-8,86e-07
36	0,000863	0	0
37	0,00275	0,380	-1,89e-06
38	0	0	0
39	0,00389	0,449	2,18e-06
40	0	0	0
41	0,0053	0,347	7,38e-06
42	0	0	0
43	0,00226	0,185	3,18e-06
44	0,000908	0	0
45	0	0,135	0
46	0,00117	0	0
47	0,000956	0,144	-6,61e-07
48	0,00103	0	0
49	0,00141	0,150	-2,36e-06
50	0,00123	0	0

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