

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Linelio 120 OPAL CCT DIMM*
Item No: *AZ5657*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ5657_3000*
LuminaireName: *Linelio OPAL 120 CCT DIMM*
LuminaireNumber: *AZ5657*
FileName: *AZ5657_3000.ldt*
Date: *2024-09-30*

Dimensions of luminaire

Length: *1200 mm*
Width: *35 mm*
Height: *50 mm*

Dimensions of luminous area

Length: *1195 mm*
Width: *30 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: *2492,00 lm*
Color temperatur: *3000 K*
Color rendering index: *93,14*
Wattage including ballast: *38,42 W*

Utilization factors:

k = 0.60	<i>0,320</i>
k = 0.80	<i>0,405</i>
k = 1.00	<i>0,480</i>
k = 1.25	<i>0,553</i>
k = 1.50	<i>0,609</i>
k = 2.00	<i>0,696</i>
k = 2.50	<i>0,743</i>
k = 3.00	<i>0,779</i>
k = 4.00	<i>0,828</i>
k = 5.00	<i>0,859</i>

Electrical parameters

<i>U</i>	<i>= 229,581 V</i>
<i>I</i>	<i>= 0,174 A</i>
<i>P</i>	<i>= 38,423 W</i>
<i>Power factor</i>	<i>= 0,963</i>

<i>Power apparent</i>	<i>= 39,913 VA</i>
<i>Power Reactive</i>	<i>= -10,802 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 18,420 %</i>

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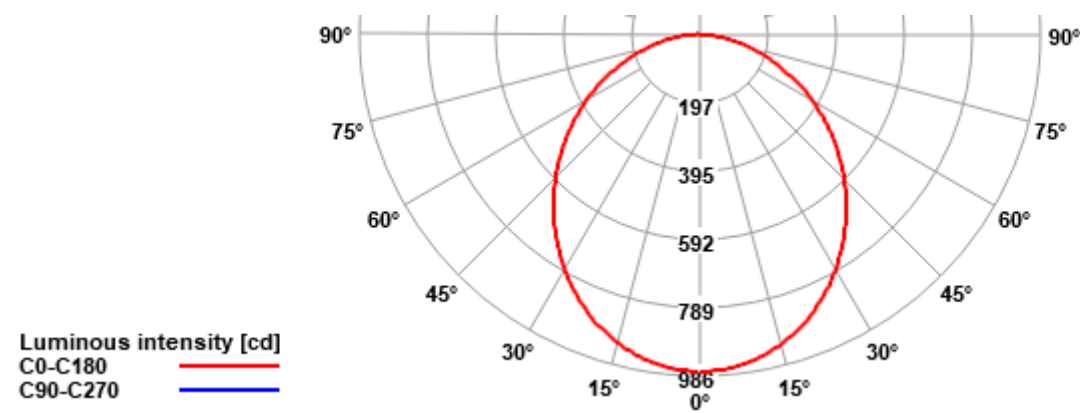
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2492,00 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	977,23 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	64,86 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4350
y	0,4002
Angular Colour Uniformity	0,0026

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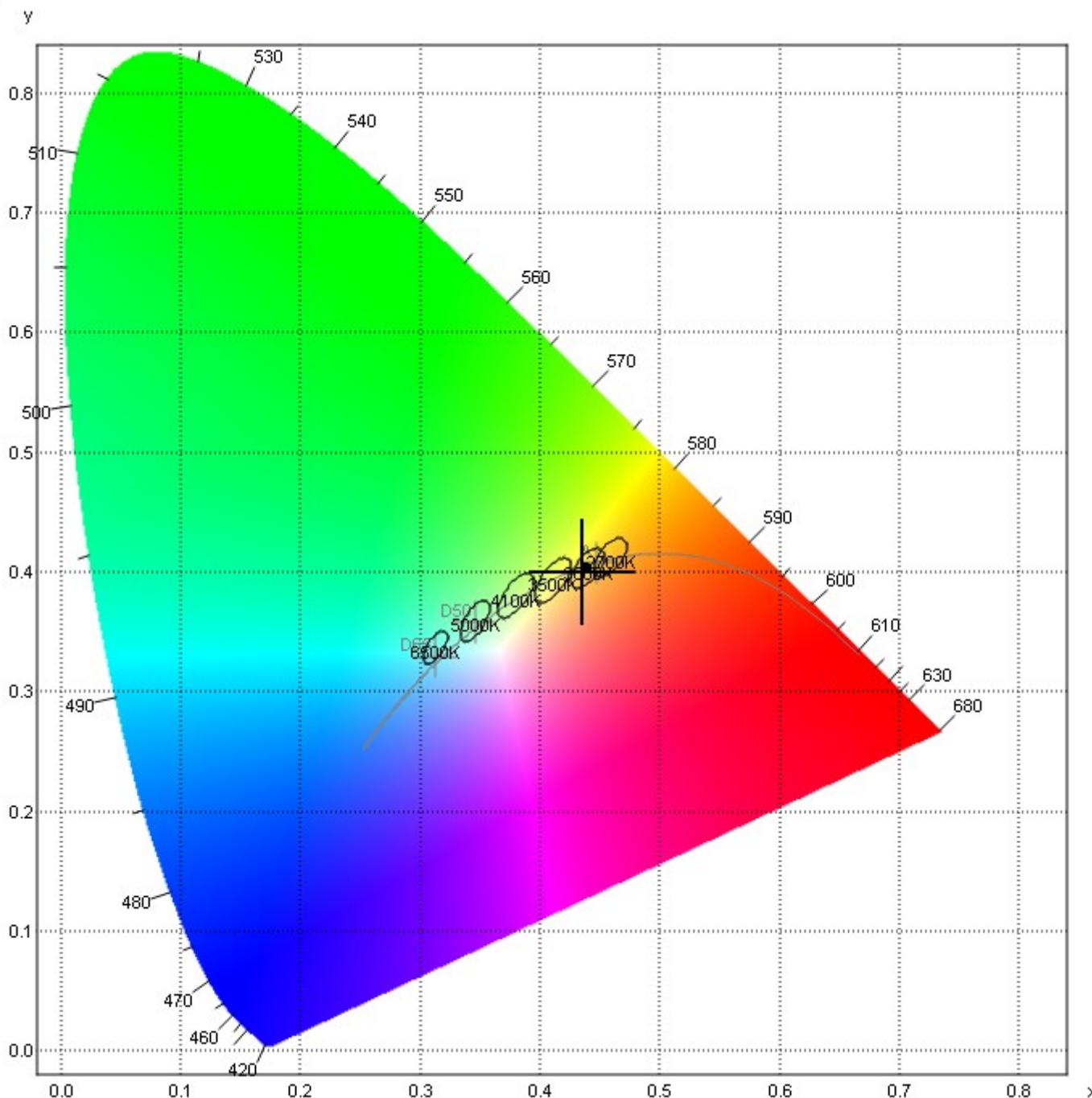
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Beam cone

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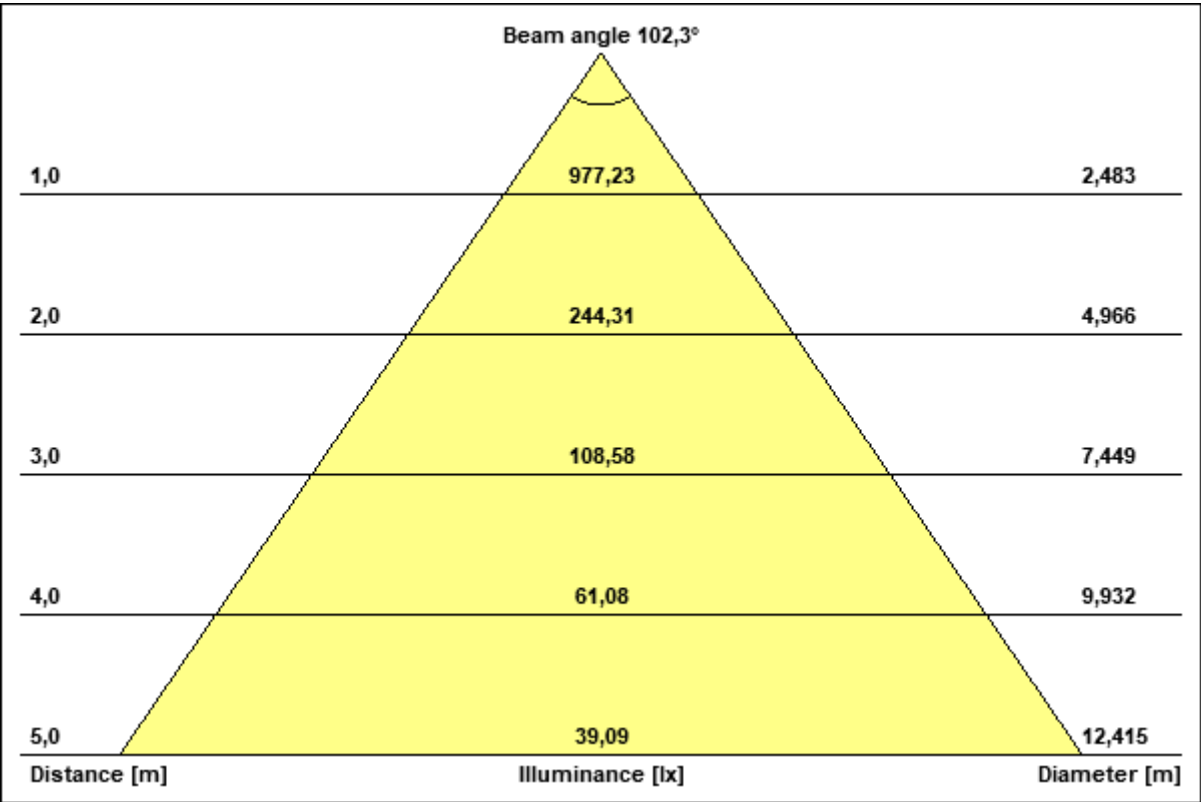
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Stabilization

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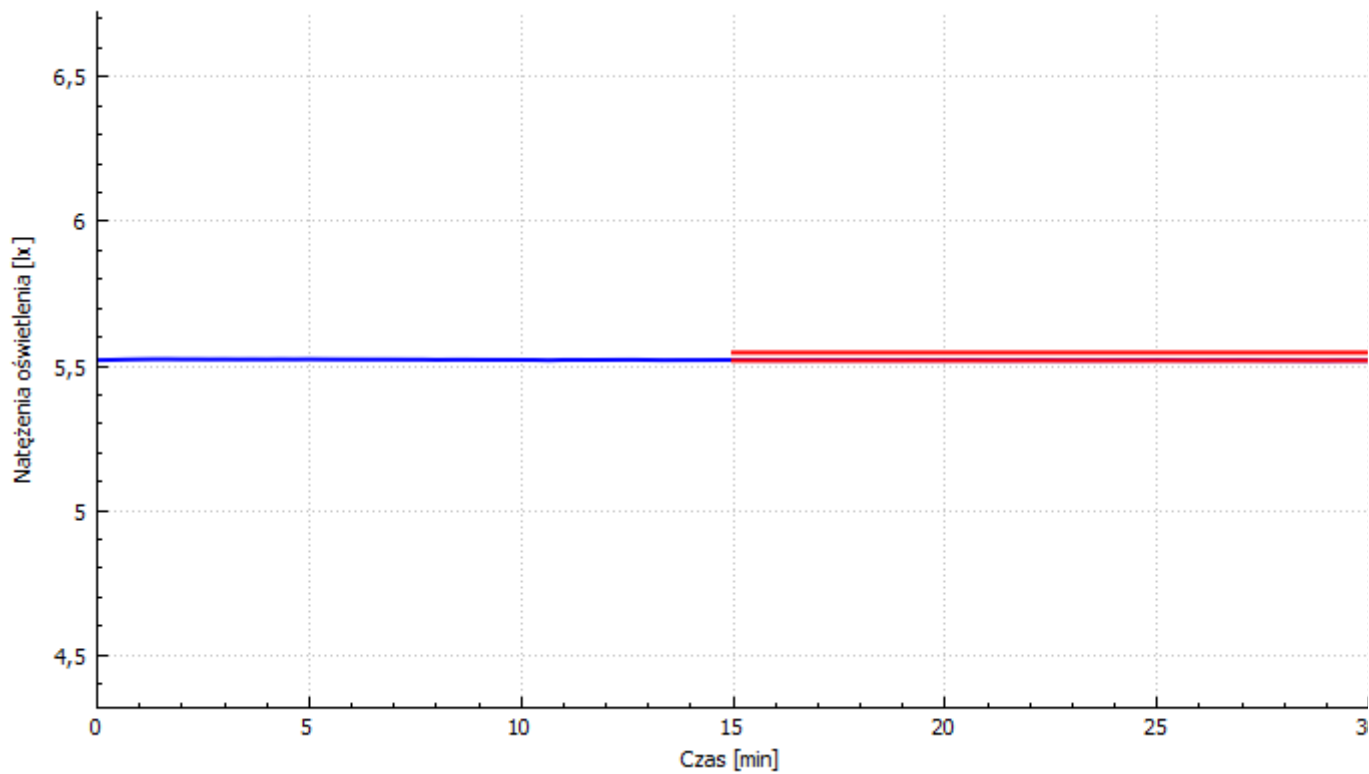
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3D Chart

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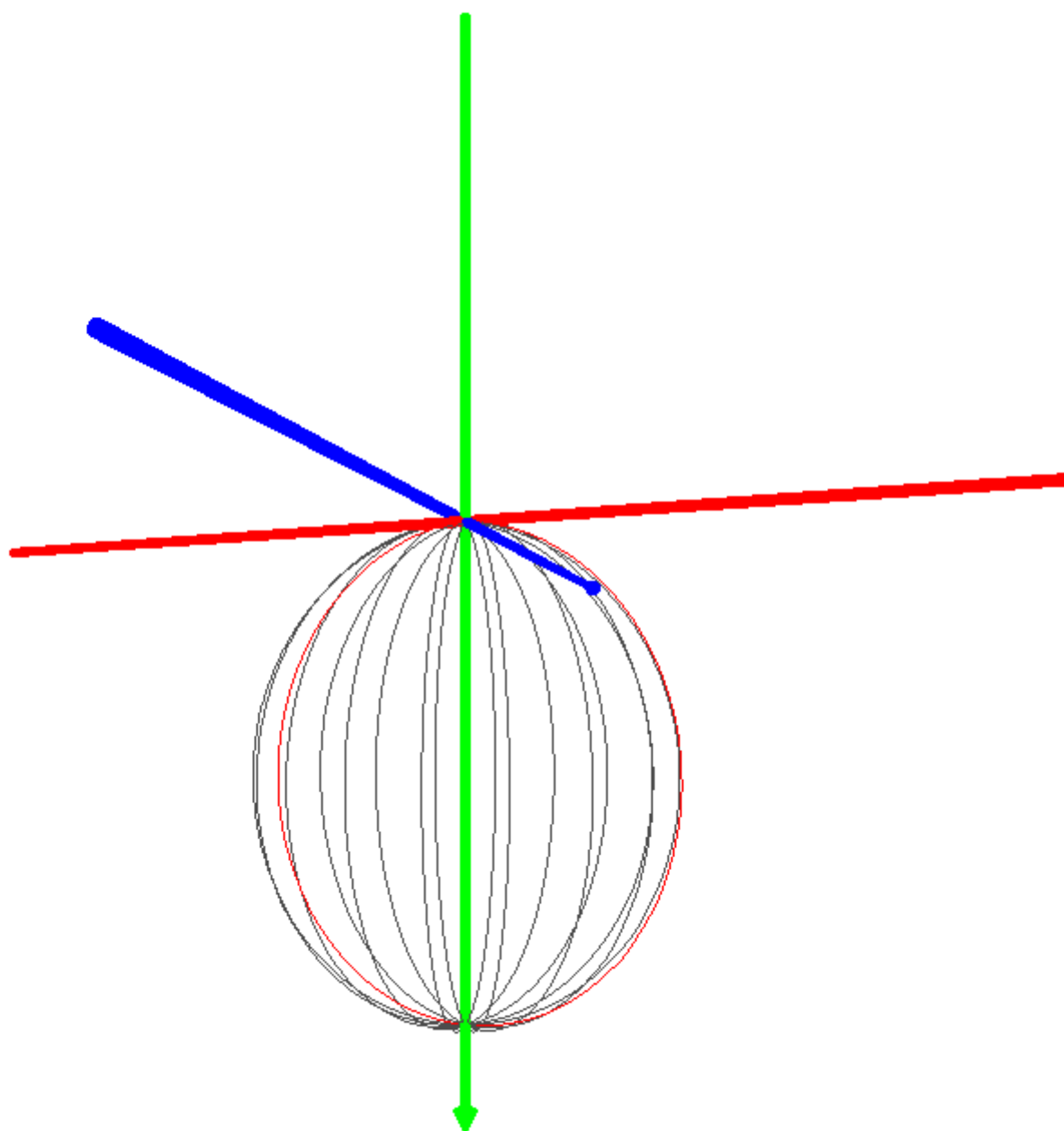
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

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

0	0,0124	0	0
1	100,000	100,000	100,000
2	0,0119	0	0
3	0,0112	17,302	0,00178
4	0,00407	0	0
5	0,01	4,760	0,00039
6	0,00255	0	0
7	0,00485	1,801	1,45e-05
8	0,0021	0	0
9	0,00131	1,814	0
10	0,00194	0	0
11	0,00297	1,803	3,28e-07
12	0,00185	0	0
13	0,00269	1,547	-1,07e-05
14	0,00197	0	0
15	0,00174	1,237	-9,25e-06
16	0,00142	0	0
17	0,00186	0,983	-1,27e-05
18	0,0011	0	0
19	0,00127	0,802	-1,11e-05
20	0,00142	0	0
21	0,00163	0,663	-5,25e-06

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22	0,00153	0	0
23	0,00448	0,574	-3,12e-08
24	0,00118	0	0
25	0,00248	0,501	-2,68e-06
26	0,00131	0	0
27	0,00135	0,461	-1,21e-07
28	0,00107	0	0
29	0,00221	0,427	3,16e-06
30	0,00136	0	0
31	0,00119	0,379	7,63e-06
32	0,00119	0	0
33	0,00181	0,306	4,37e-06
34	0,00113	0	0
35	0,00202	0,217	3,27e-06
36	0,00106	0	0
37	0,00144	0,133	0
38	0,00103	0	0
39	0	0,105	0
40	0	0	0
41	0,0015	0,096	-6,88e-07
42	0,000944	0	0
43	0	0,102	0
44	0	0	0
45	0,00128	0,113	1,59e-07
46	0	0	0
47	0,00105	0,109	0
48	0,000981	0	0
49	0	0,0721	-6,77e-07
50	0	0	0

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