

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Condutti*

Item No: *AZ5264*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ5264*

LuminaireName: *Condutti*

LuminaireNumber: *AZ5264*

FileName: *AZ5264.Idt*

Date: *2024-06-12*

Dimensions of luminaire

Length: *800 mm*

Width: *0 mm*

Height: *1000 mm*

Dimensions of luminous area

Length: *800 mm*

Width: *0 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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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

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Type of lamps: *LED*
Total luminous flux: *1512,23 lm*
Color temperatur: *2974 K*
Color rendering index: *82,14*
Wattage including ballast: *43,06 W*

Utilization factors:

k = 0.60	<i>0,138</i>
k = 0.80	<i>0,198</i>
k = 1.00	<i>0,254</i>
k = 1.25	<i>0,315</i>
k = 1.50	<i>0,367</i>
k = 2.00	<i>0,453</i>
k = 2.50	<i>0,513</i>
k = 3.00	<i>0,561</i>
k = 4.00	<i>0,631</i>
k = 5.00	<i>0,680</i>

Electrical parameters

<i>U</i>	<i>= 229,548 V</i>
<i>I</i>	<i>= 0,192 A</i>
<i>P</i>	<i>= 43,060 W</i>
<i>Power factor</i>	<i>= 0,978</i>

<i>Power apparent</i>	<i>= 44,035 VA</i>
<i>Power Reactive</i>	<i>= -9,201 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 9,871 %</i>

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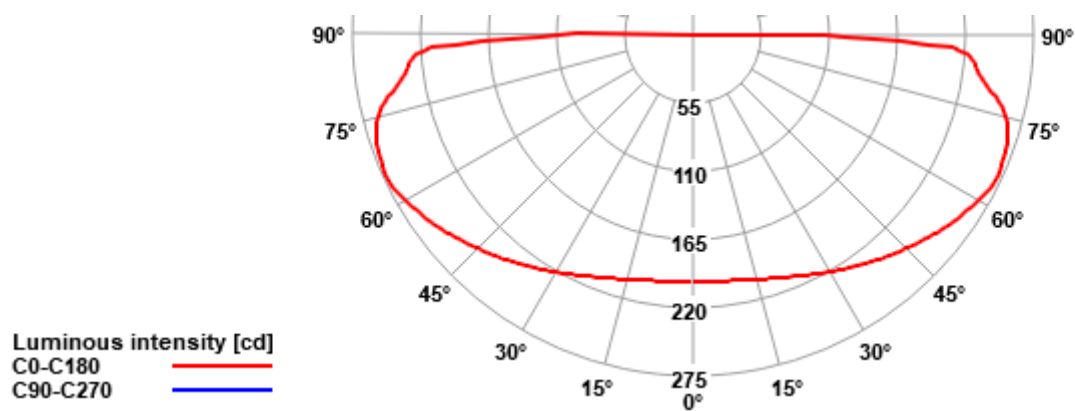
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1512,23 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	272,10 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	35,12 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4358
y	0,3987
Angular Colour Uniformity	0,0023

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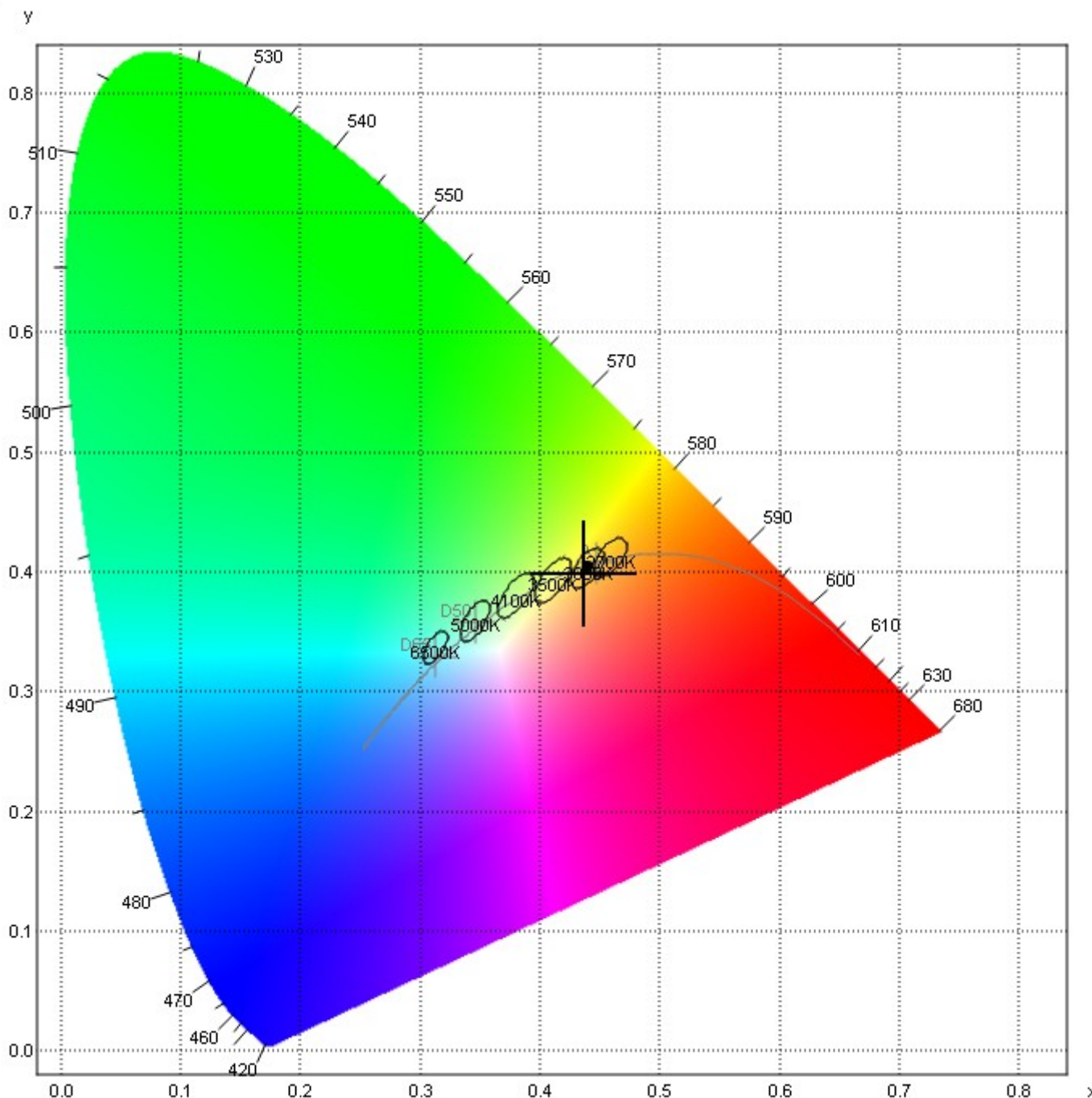
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Beam cone

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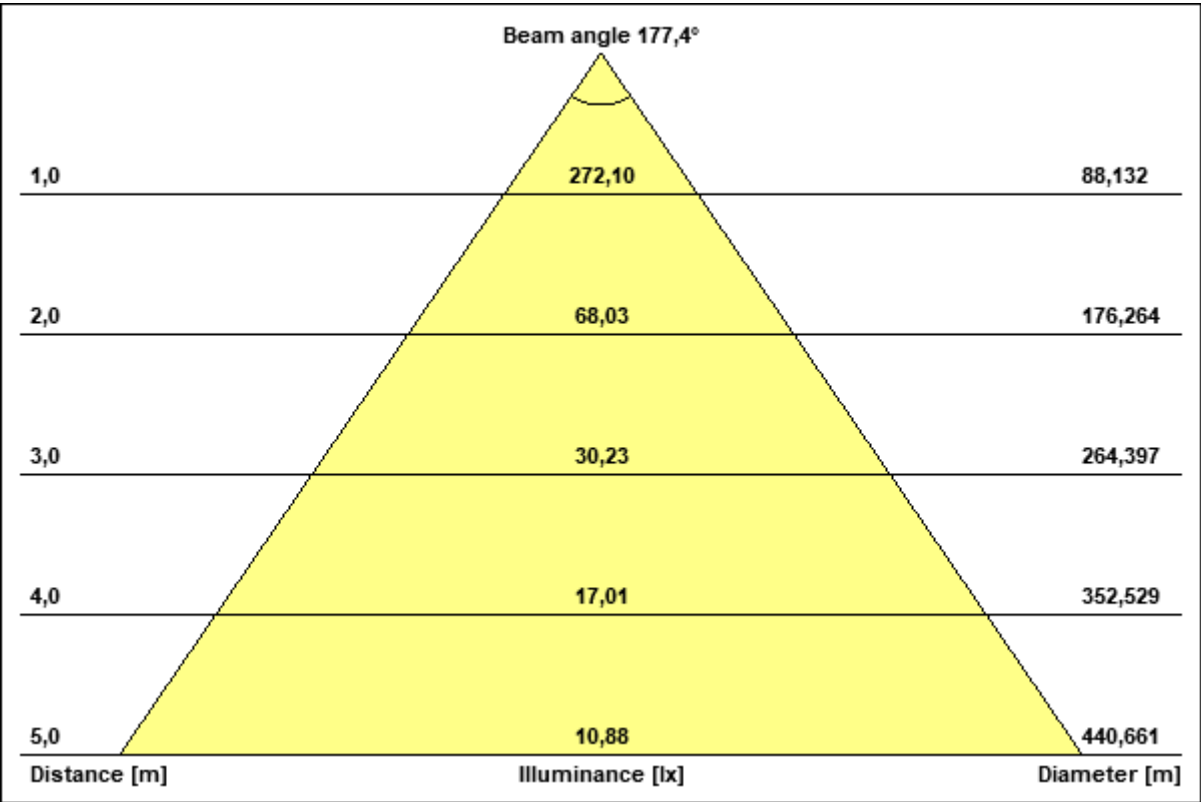
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Stabilization

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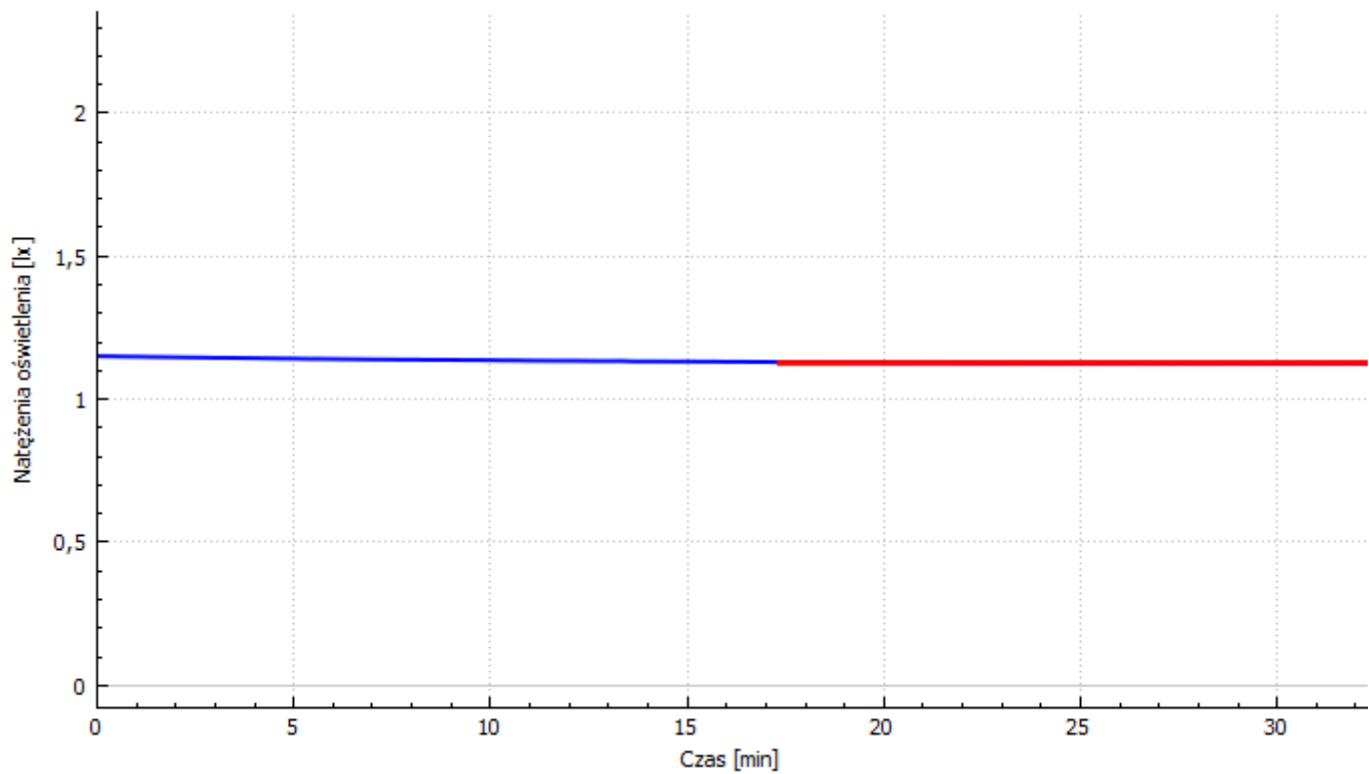
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3D Chart

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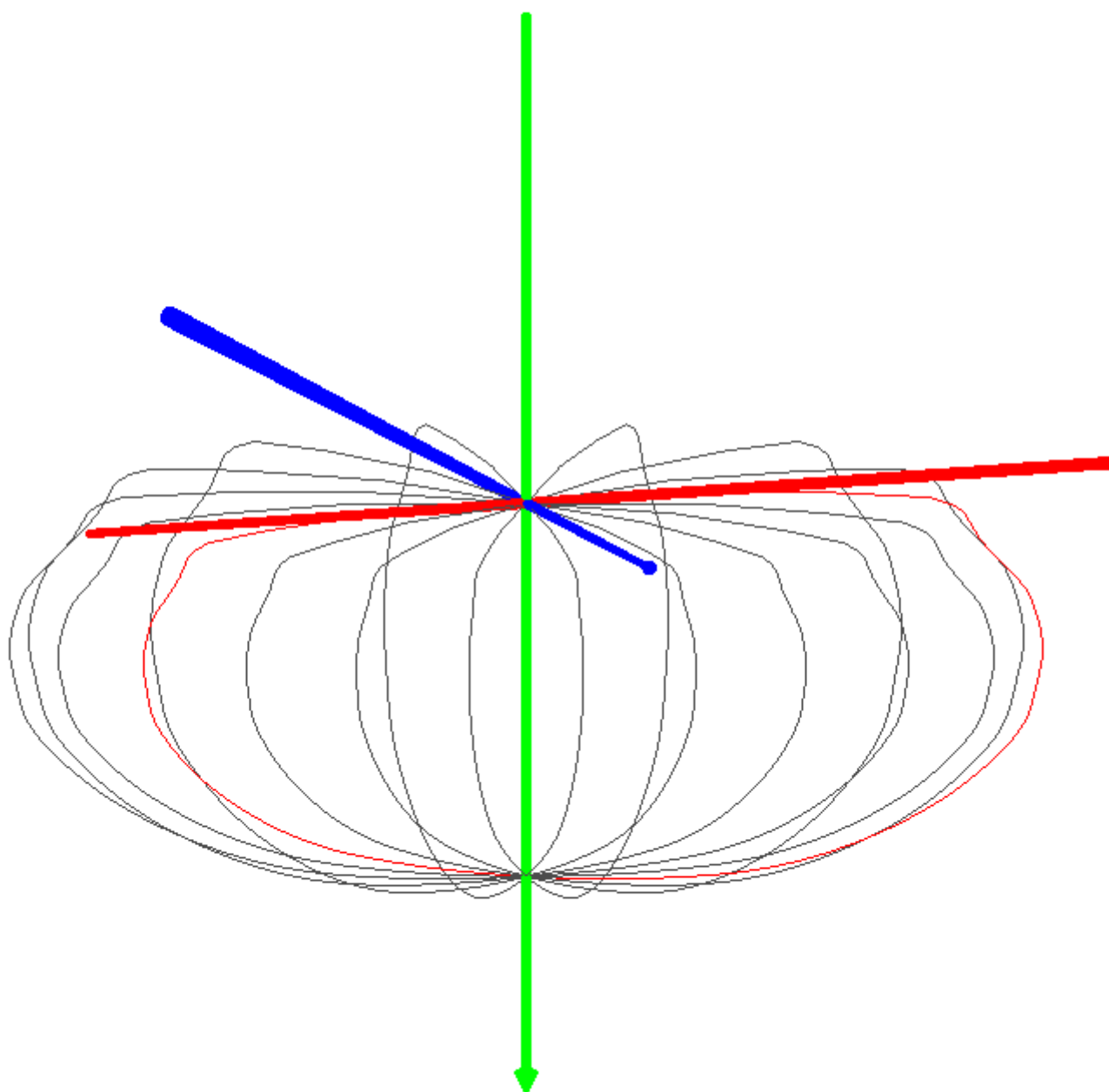
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
end
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			P(%f)
0	0,00195	0	-7,3e-07
1	100,000	100,000	100,000
2	0,00412	0	-1,01e-06
3	0,00491	5,730	5,09e-05
4	0,00199	0	0
5	0,00359	5,172	-0,000154
6	0,000924	0	0
7	0,00234	4,358	-5,22e-05
8	0	0	0
9	0,00455	3,244	4,16e-07
10	0	0	0
11	0,00739	2,140	4,42e-05
12	0,000923	0	0
13	0,00528	1,223	1,34e-05
14	0	0	0
15	0,00208	0,575	8,87e-06
16	0	0	0
17	0	0,273	0
18	0	0	0
19	0,00145	0,414	-6,11e-06
20	0	0	0
21	0,00308	0,520	-8,1e-06

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22	0	0	0
23	0,00118	0,503	5,27e-06
24	0	0	0
25	0,00287	0,460	-1,59e-07
26	0	0	0
27	0,00304	0,391	-3,38e-06
28	0,000942	0	0
29	0,00221	0,288	4,33e-06
30	0,000931	0	0
31	0,00162	0,190	1,3e-06
32	0	0	0
33	0	0,142	9,99e-07
34	0	0	0
35	0,000884	0,185	0
36	0,00088	0	0
37	0,00105	0,251	-2,38e-06
38	0	0	0
39	0,00168	0,294	-4,31e-06
40	0	0	0
41	0,00405	0,325	2e-06
42	0,000975	0	0
43	0,00293	0,305	1,75e-06
44	0	0	0
45	0,00109	0,250	1,73e-06
46	0	0	0
47	0	0,214	0
48	0,000974	0	0
49	0,00121	0,217	-3,79e-06
50	0	0	0

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