

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Rant 50 CCT Switch Dimm*
Item No: *AZ6300*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6300-3000K*
LuminaireName: *Rant 40 CCT Switch Dimm*
LuminaireNumber: *AZ6300*
FileName: *AZ63003000K.Idt*
Date: *2024-05-09*

Dimensions of luminaire

Length: *500 mm*
Width: *0 mm*
Height: *80 mm*

Dimensions of luminous area

Length: *496 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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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

Kapitał 200.000PLN

Type of lamps: *LED*
Total luminous flux: *5196,32 lm*
Color temperatur: *3030 K*
Color rendering index: *90,39*
Wattage including ballast: *75,75 W*

Utilization factors:

k = 0.60	<i>0,299</i>
k = 0.80	<i>0,385</i>
k = 1.00	<i>0,461</i>
k = 1.25	<i>0,535</i>
k = 1.50	<i>0,593</i>
k = 2.00	<i>0,681</i>
k = 2.50	<i>0,731</i>
k = 3.00	<i>0,769</i>
k = 4.00	<i>0,820</i>
k = 5.00	<i>0,852</i>

Electrical parameters

<i>U</i>	<i>= 229,586 V</i>
<i>I</i>	<i>= 0,337 A</i>
<i>P</i>	<i>= 75,749 W</i>
<i>Power factor</i>	<i>= 0,979</i>

<i>Power apparent</i>	<i>= 77,335 VA</i>
<i>Power Reactive</i>	<i>= -15,584 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 13,423 %</i>

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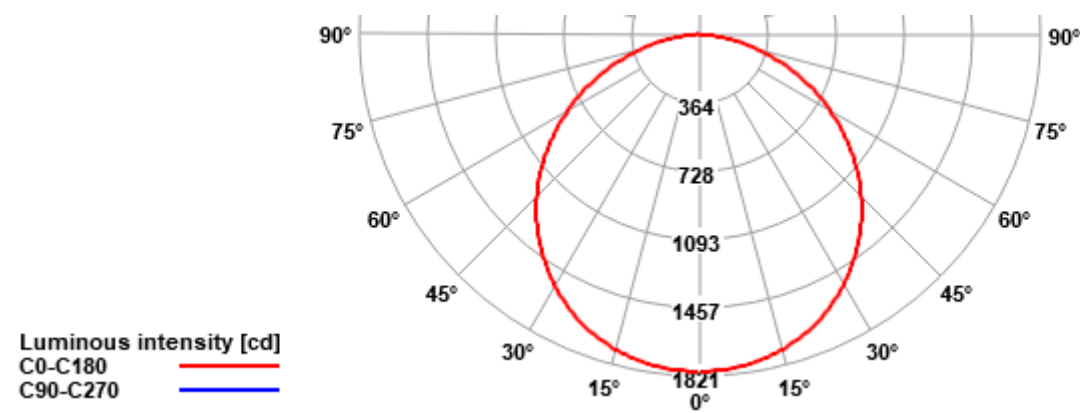
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	5196,32 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1803,12 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	68,60 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4386
y	0,4112
Angular Colour Uniformity	0,0007

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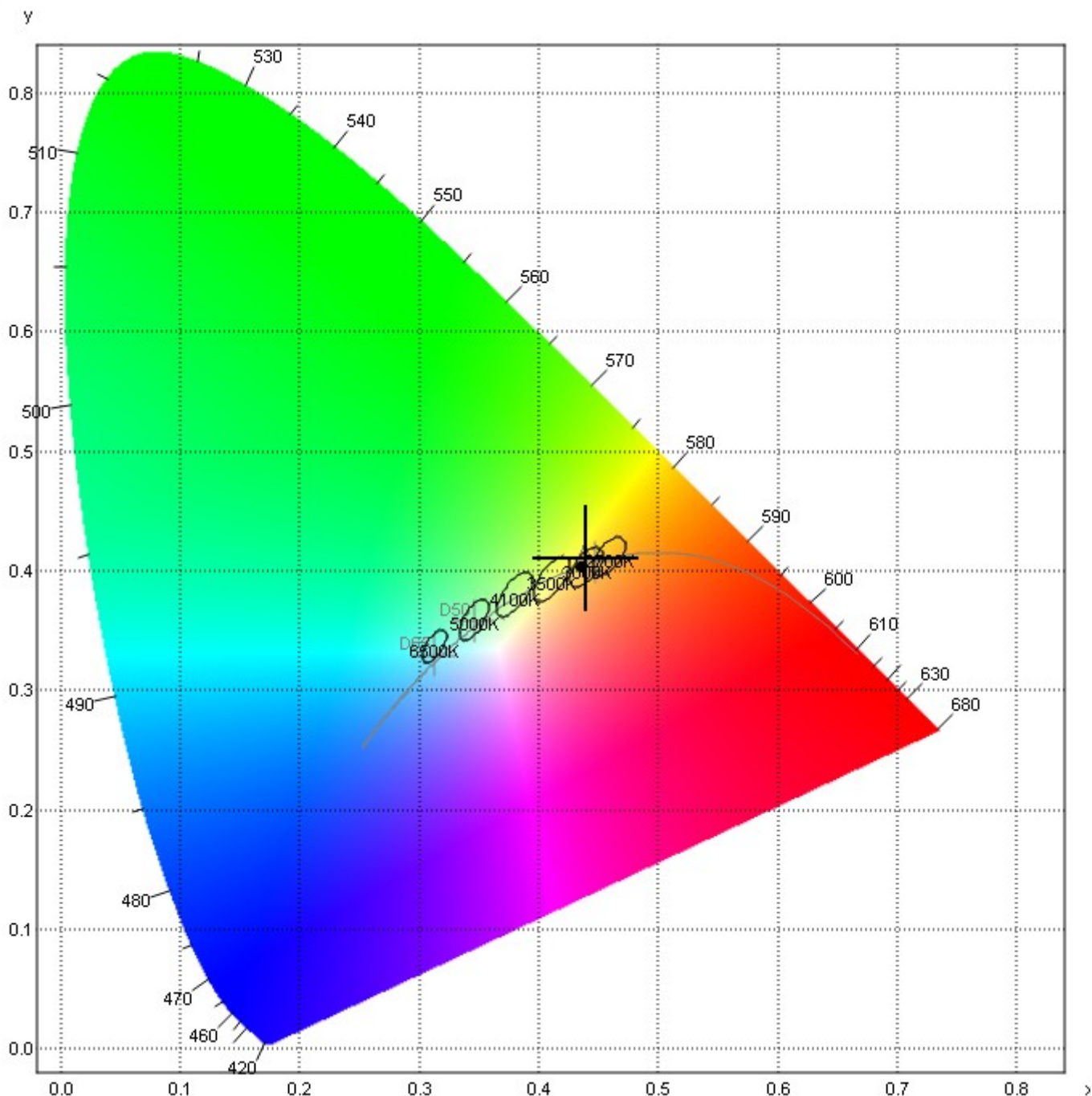
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Beam cone

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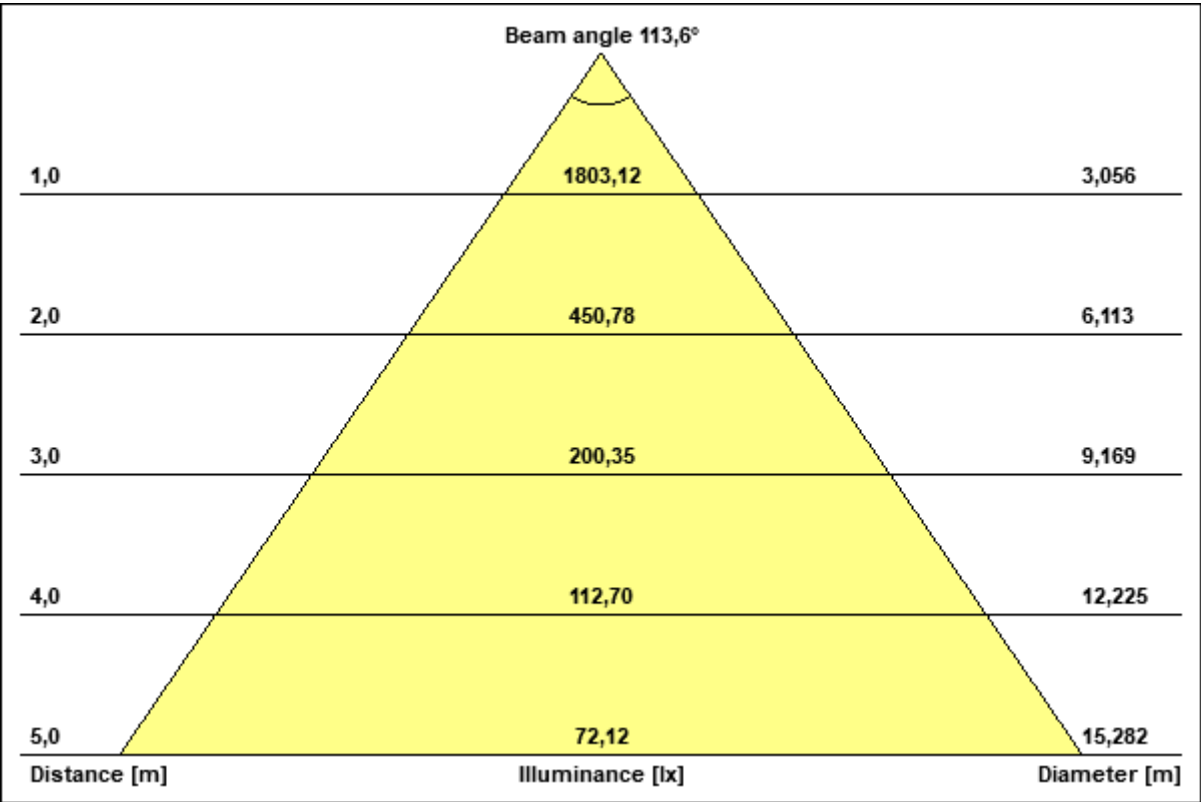
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Stabilization

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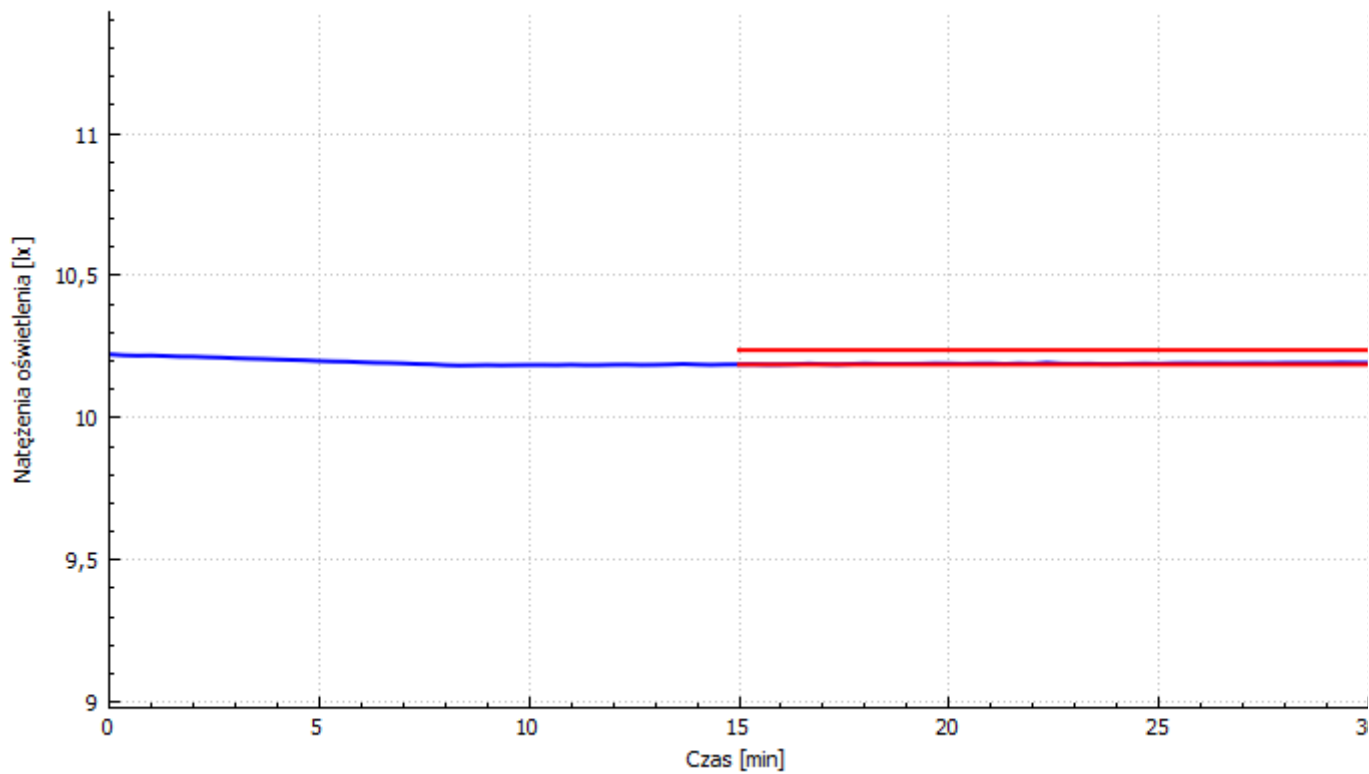
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3D Chart

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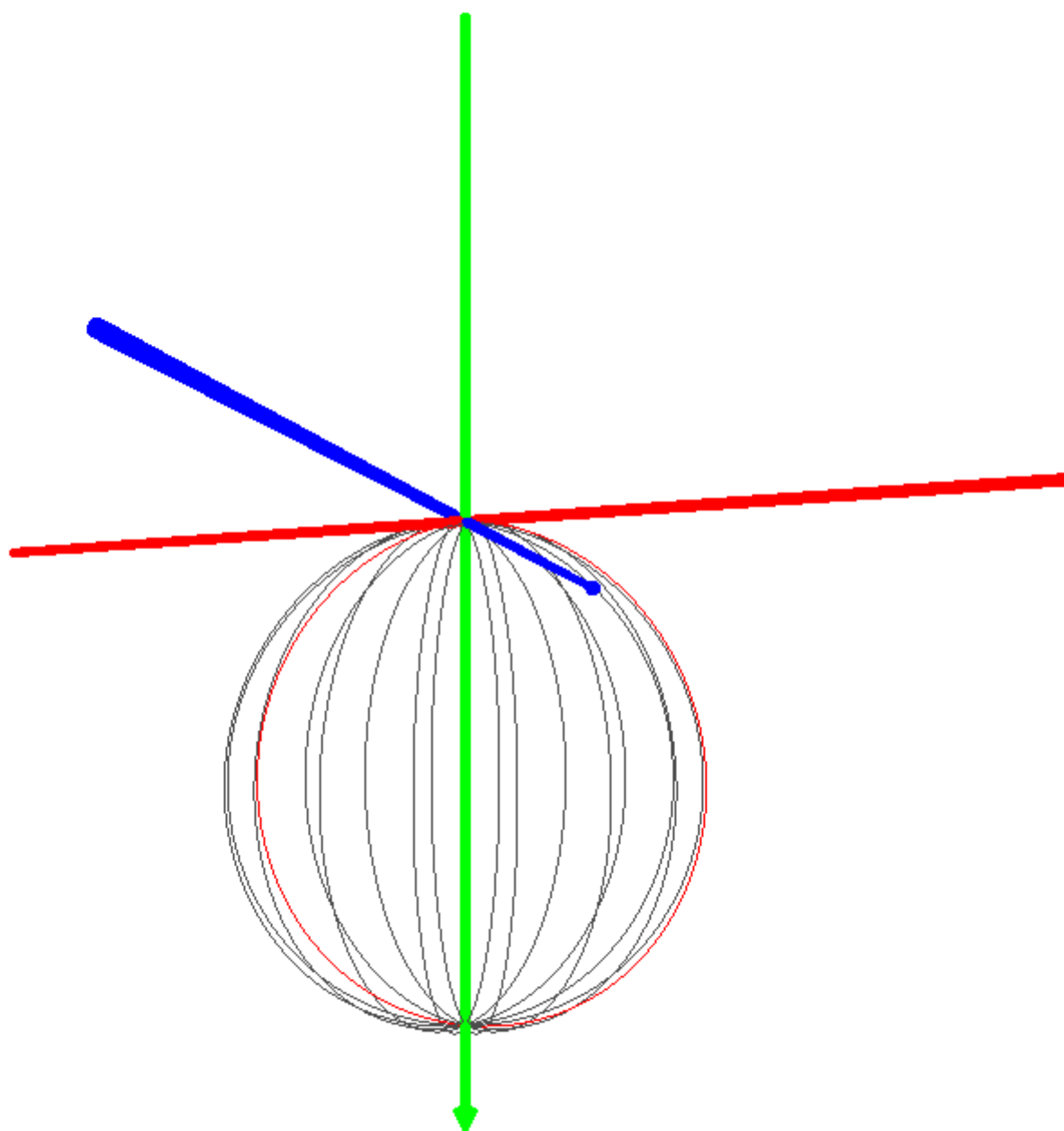
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Legend

- C0-C180

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- C90-C270
- G0-G180

**Extended
electrical
report**

U(%f)

I(%f)

P(%f)

0	0	0,426	0
1	100,000	100,000	100,000
2	0,004	0,0658	-1,3e-06
3	0,035	12,468	0,00414
4	0,0022	0,0582	3,91e-06
5	0,00672	1,222	6,62e-05
6	0,001	0,0661	-3,14e-07
7	0,00656	1,722	0,000102
8	0	0,109	0
9	0,00597	2,016	9,69e-05
10	0	0,0698	0
11	0,011	2,198	0,00019
12	0	0,0544	0
13	0,00978	2,215	0,000146
14	0	0,0793	0
15	0,00543	1,469	4,85e-05
16	0	0,0717	0
17	0,00302	1,078	3,05e-05
18	0	0,0663	0
19	0,00563	1,146	3,27e-05
20	0	0,035	0
21	0,00269	0,615	1,44e-05

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22	0	0,0855	0
23	0,00671	0,620	1,27e-05
24	0	0,0581	0
25	0,00136	0,270	-1,22e-06
26	0	0,0863	0
27	0,00116	0,157	-6,42e-07
28	0	0,0577	0
29	0,00203	0,340	-4,04e-07
30	0	0	0
31	0,00259	0,295	2,29e-06
32	0	0,0533	0
33	0,0029	0,204	7,18e-06
34	0	0,0397	0
35	0,00325	0,315	1,6e-06
36	0	0,0626	0
37	0,00172	0,171	2,88e-06
38	0	0,0485	0
39	0,00157	0,163	3,51e-06
40	0,000909	0,039	0
41	0,00126	0,317	-2,61e-06
42	0,000888	0,0379	0
43	0,00216	0,300	2,05e-07
44	0,000858	0	0
45	0,00487	0,361	2,27e-06
46	0	0,0668	0
47	0,00404	0,261	2,67e-06
48	0,00151	0,0371	0
49	0,00347	0,236	-1,98e-07
50	0,00088	0,091	0

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