

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Rant 40 CCT Switch Dimm*
Item No: *AZ6298*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6298-3000K*
LuminaireName: *Rant 40 CCT Switch Dimm*
LuminaireNumber: *AZ6298*
FileName: *AZ62983000K.Idt*
Date: *2024-05-09*

Dimensions of luminaire

Length: *400 mm*
Width: *0 mm*
Height: *80 mm*

Dimensions of luminous area

Length: *396 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

Kapitał 200.000PLN

Type of lamps: *LED*
Total luminous flux: *3059,70 lm*
Color temperatur: *2989 K*
Color rendering index: *92,52*
Wattage including ballast: *45,20 W*

Utilization factors:

k = 0.60	<i>0,305</i>
k = 0.80	<i>0,391</i>
k = 1.00	<i>0,468</i>
k = 1.25	<i>0,542</i>
k = 1.50	<i>0,600</i>
k = 2.00	<i>0,688</i>
k = 2.50	<i>0,737</i>
k = 3.00	<i>0,774</i>
k = 4.00	<i>0,825</i>
k = 5.00	<i>0,857</i>

Electrical parameters

<i>U</i>	<i>= 229,620 V</i>
<i>I</i>	<i>= 0,200 A</i>
<i>P</i>	<i>= 45,197 W</i>
<i>Power factor</i>	<i>= 0,984</i>

<i>Power apparent</i>	<i>= 45,945 VA</i>
<i>Power Reactive</i>	<i>= -8,248 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 11,674 %</i>

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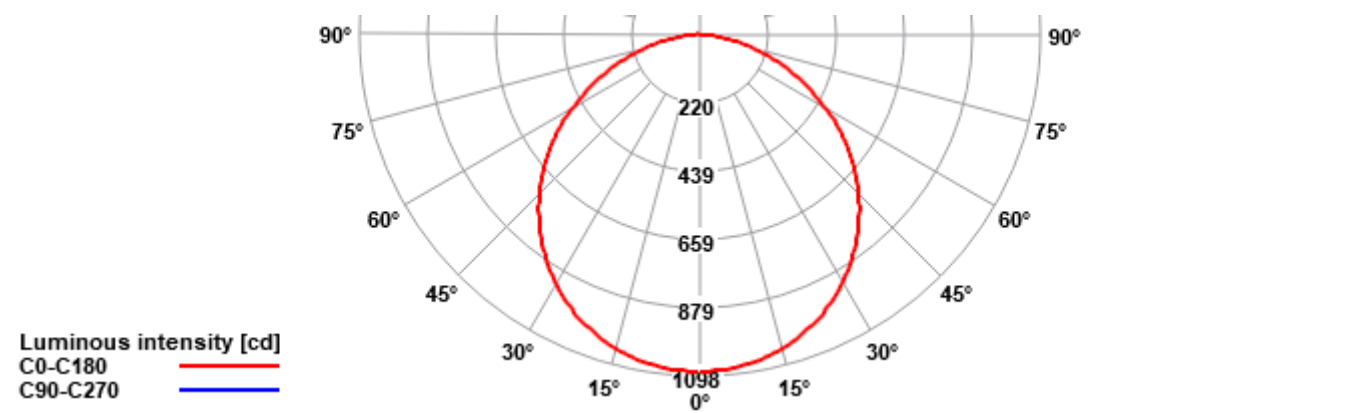
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	3059,70 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1087,37 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	67,69 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4354
y	0,3995
Angular Colour Uniformity	0,0005

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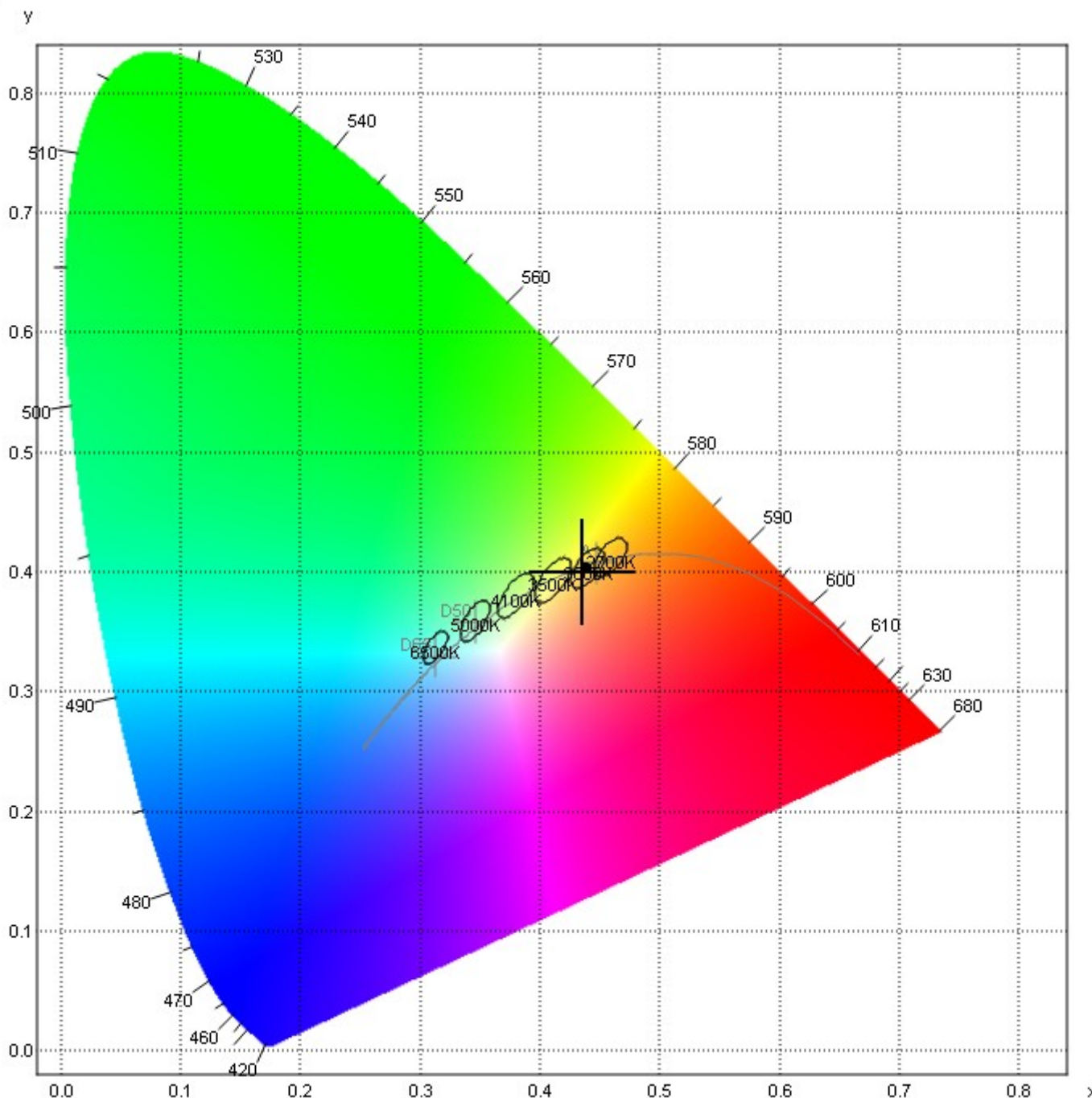
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Beam cone

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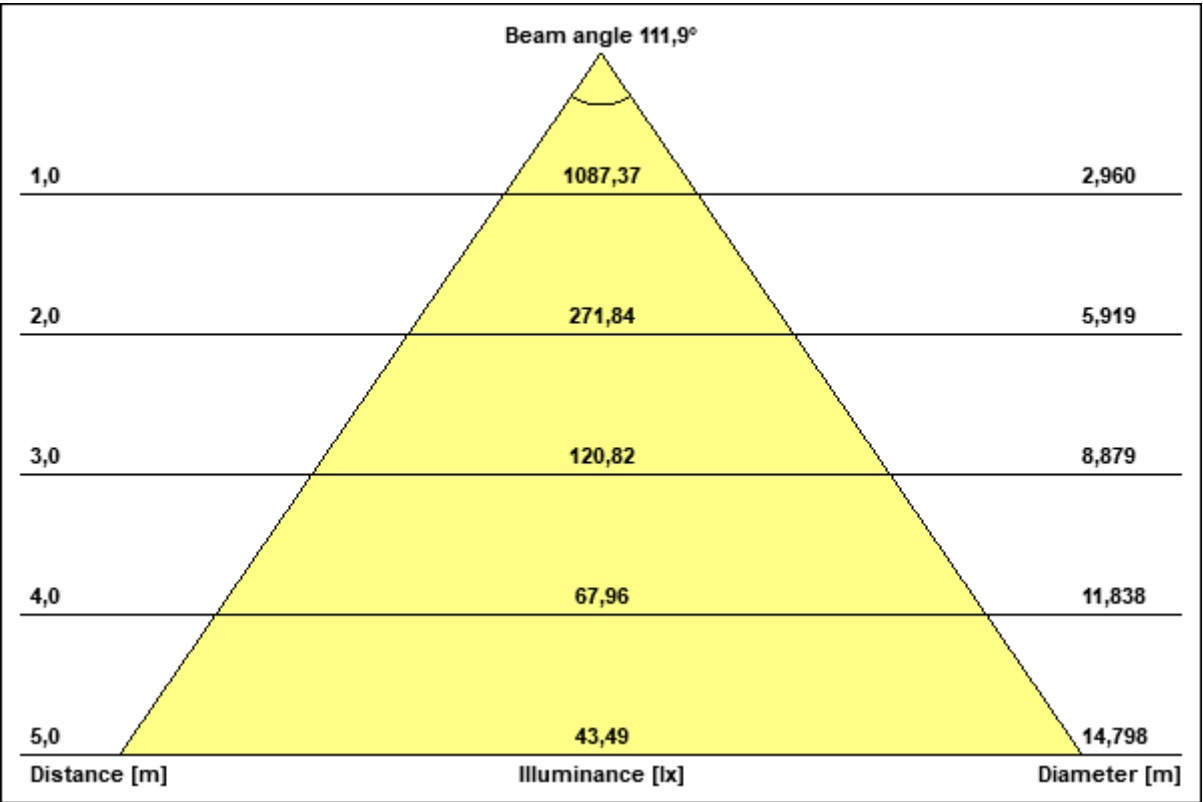
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Stabilization

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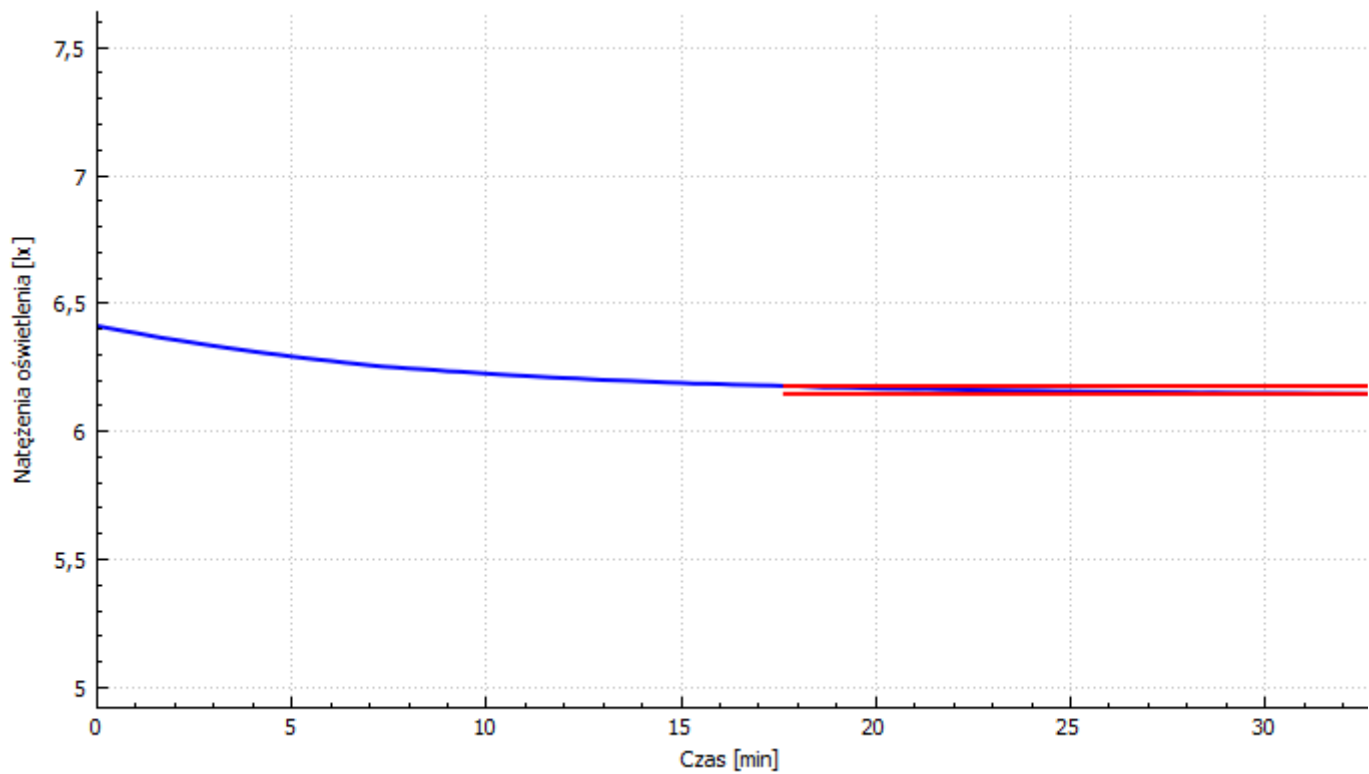
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3D Chart

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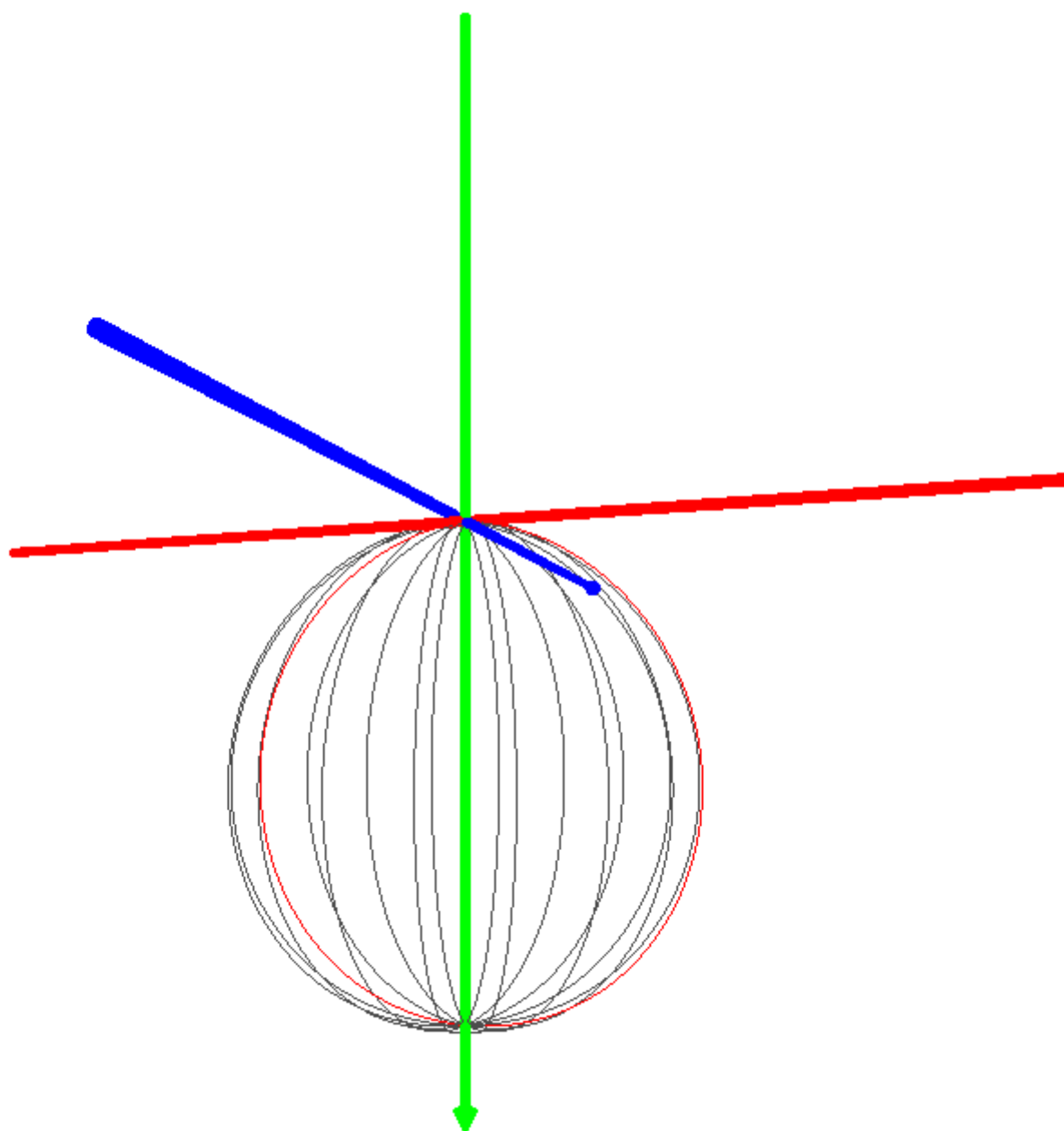
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

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			P(%f)
0	0,0364	0,571	0,000261
1	100,000	100,000	100,000
2	0,00535	0	3,69e-06
3	0,0178	10,582	0,00182
4	0,00192	0,0806	-2,18e-06
5	0,00696	1,059	3,81e-05
6	0,0011	0,0657	6,31e-10
7	0,00354	1,384	1,95e-05
8	0,000889	0,0555	0
9	0,00284	1,966	5,44e-05
10	0	0,0608	0
11	0,00783	2,440	0,000139
12	0	0,0662	0
13	0,00665	2,149	8,92e-05
14	0	0	0
15	0,00273	1,382	1,94e-05
16	0,00102	0,0684	0
17	0,00137	1,095	8,25e-06
18	0	0	-4,02e-07
19	0,00224	0,804	7,24e-06
20	0	0	0
21	0,00201	0,618	2,01e-06

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22	0	0	0
23	0,00445	0,311	3,87e-06
24	0	0,0768	0
25	0,00149	0,143	-8,44e-07
26	0	0	0
27	0,00226	0,445	2,2e-06
28	0	0	0
29	0,00139	0,268	-1,39e-06
30	0	0	0
31	0,0036	0,624	1,31e-05
32	0	0,0841	0
33	0,00122	0,115	6,55e-07
34	0	0	0
35	0,00123	0,0792	1,78e-07
36	0	0,0829	0
37	0,000853	0,257	-4,3e-07
38	0,000866	0,0682	0
39	0,00115	0,195	-6,77e-07
40	0	0,0536	0
41	0,00214	0,334	-4,43e-06
42	0,000866	0	0
43	0	0,208	2,3e-07
44	0	0,056	0
45	0,00191	0,289	-3,14e-06
46	0	0	0
47	0,00137	0,266	-2,04e-06
48	0	0	0
49	0,00233	0,241	-2,36e-06
50	0	0,0623	0

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