

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: *AZ6300-6000K*
LuminaireName: *Rant 40 CCT Switch Dimm*
LuminaireNumber: *AZ6300*
FileName: *AZ63006000K.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: *5734,87 lm*
Color temperatur: *5910 K*
Color rendering index: *85,41*
Wattage including ballast: *75,95 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>= 229,598 V</i>
<i>I</i>	<i>= 0,338 A</i>
<i>P</i>	<i>= 75,950 W</i>
<i>Power factor</i>	<i>= 0,980</i>

<i>Power apparent</i>	<i>= 77,524 VA</i>
<i>Power Reactive</i>	<i>= -15,576 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 13,495 %</i>

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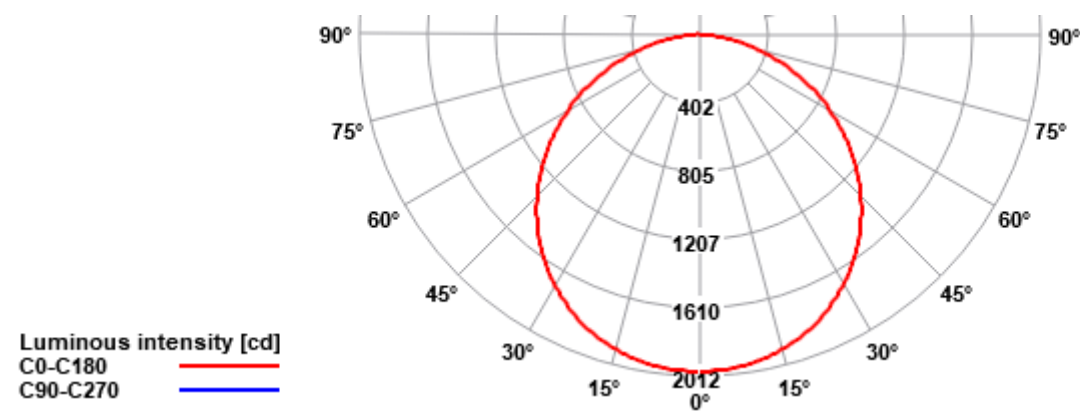
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	5734,87 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1992,40 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	75,51 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3223
y	0,3621
Angular Colour Uniformity	0,0007

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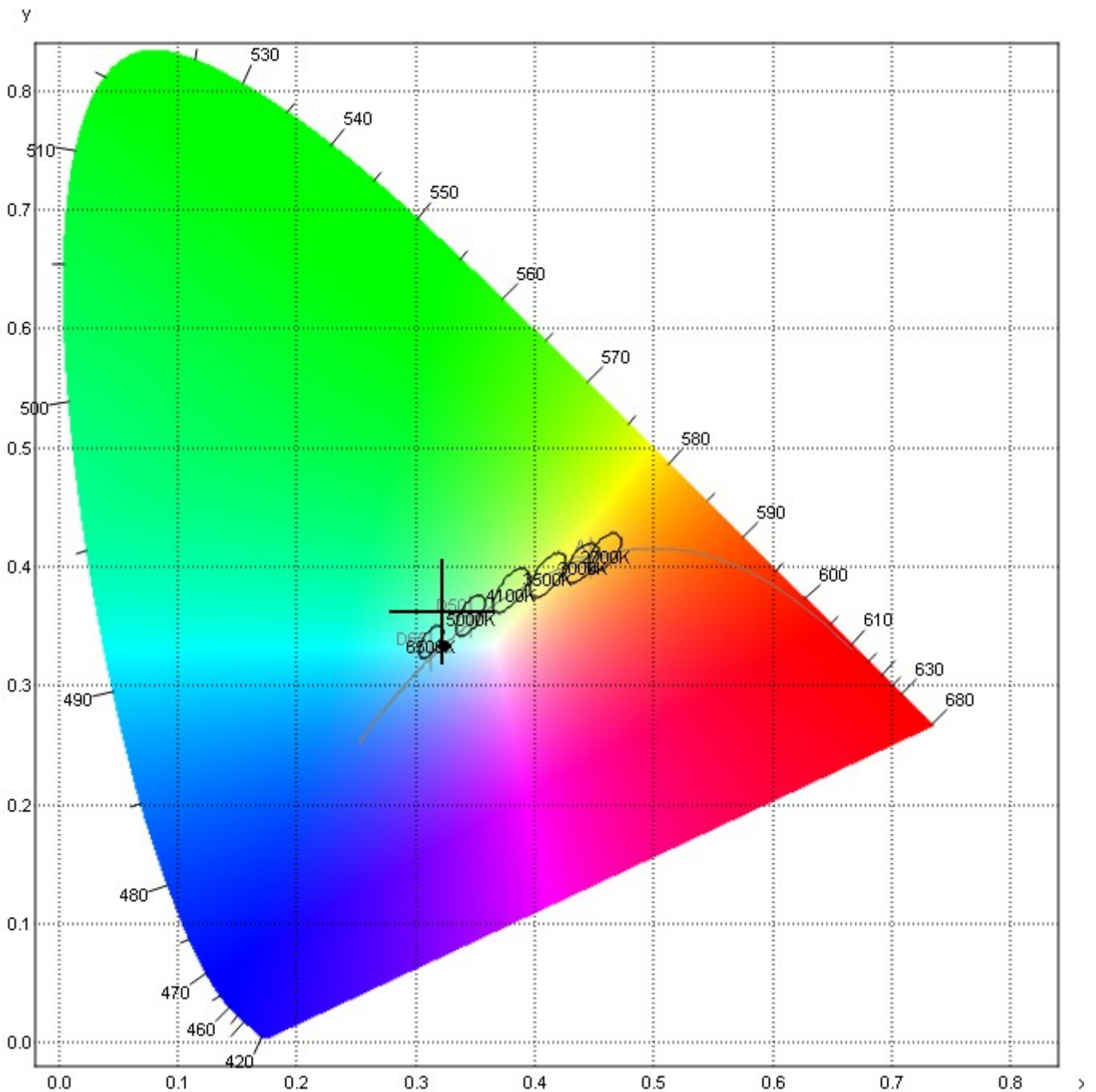
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Beam cone

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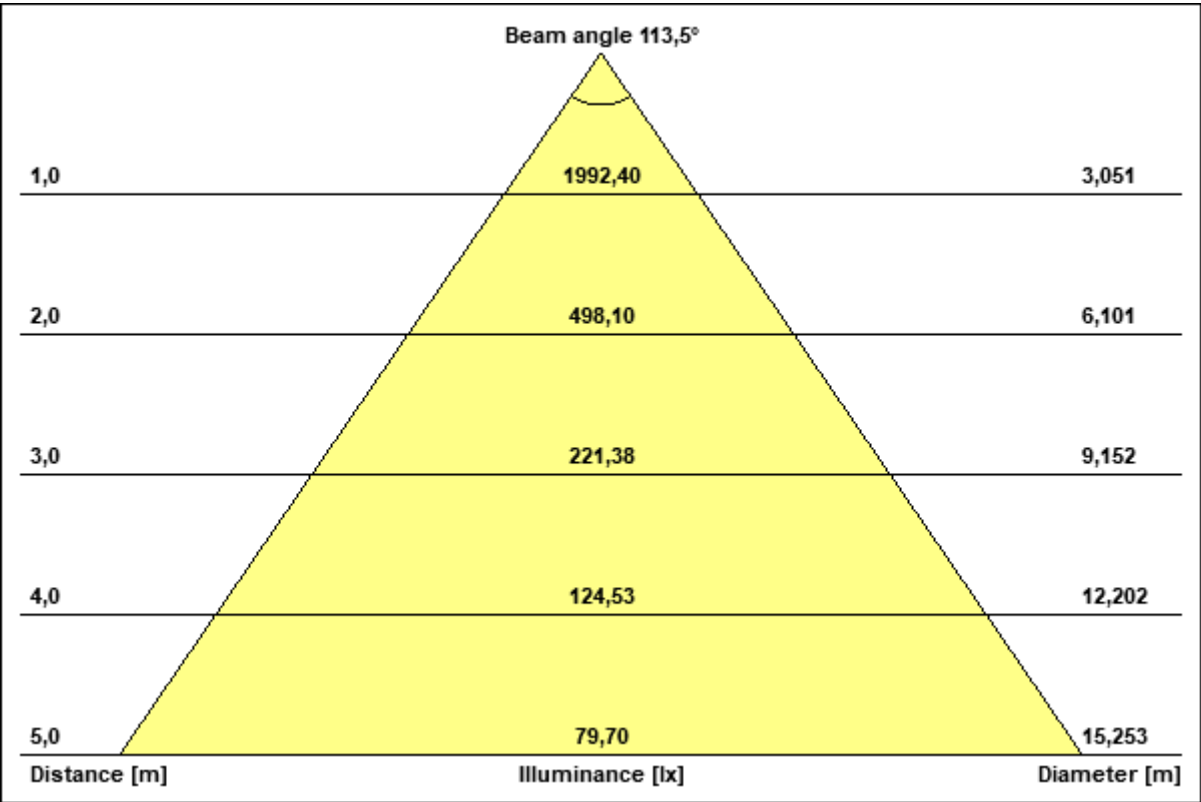
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Stabilization

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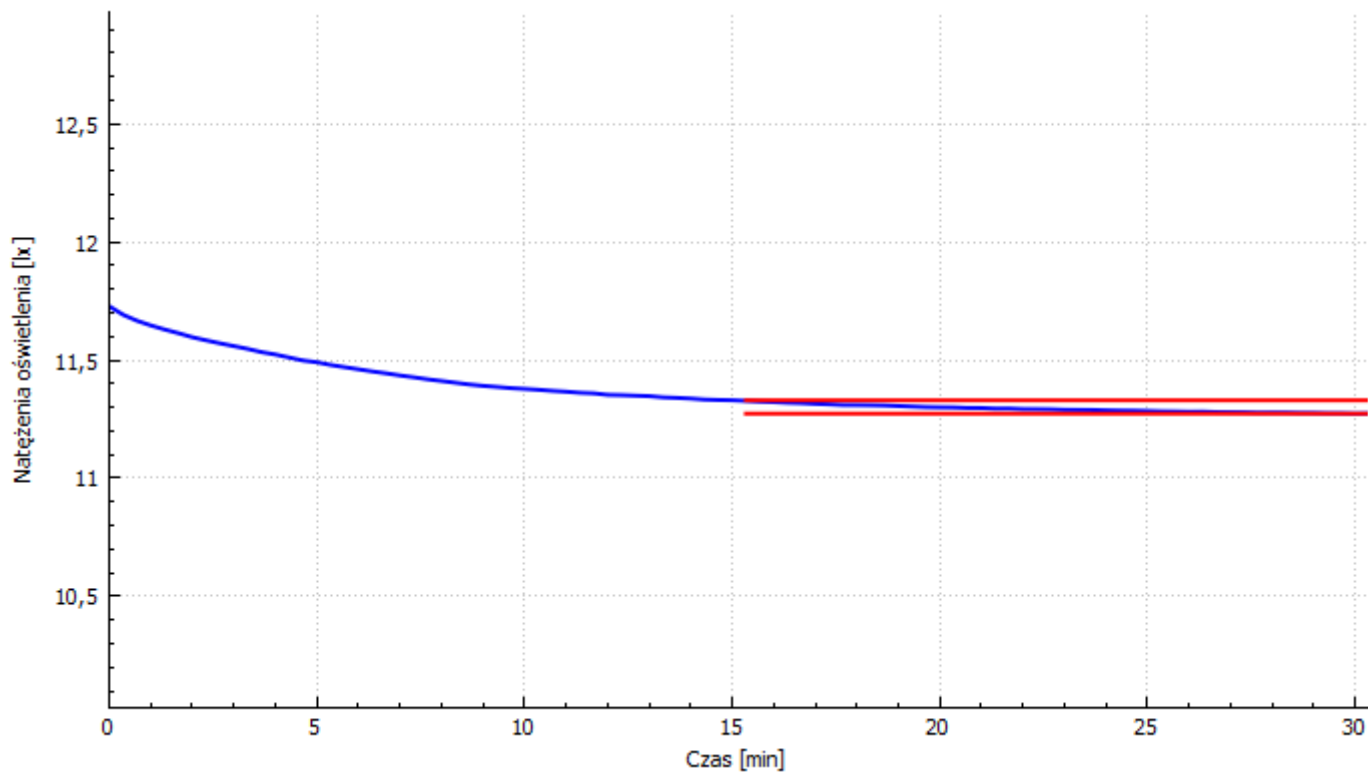
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3D Chart

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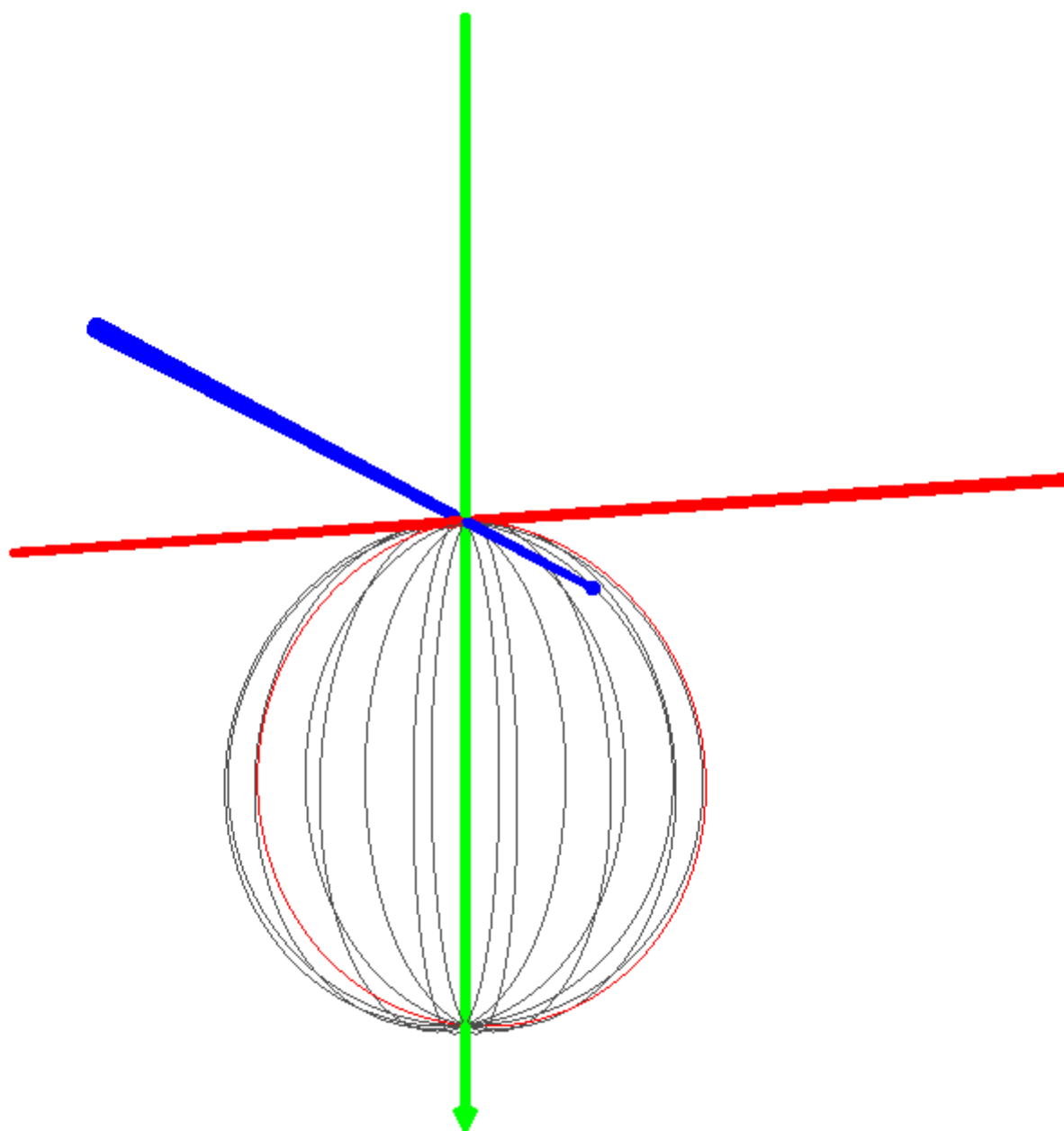
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Extended
electrical
report**

			P(%f)
0	0,00276	0,437	-8,04e-06
1	100,000	100,000	100,000
2	0,0042	0,0565	2,37e-06
3	0,0345	12,613	0,00447
4	0,00217	0,0524	-2,53e-07
5	0,00555	1,144	4,49e-05
6	0,00147	0,0632	0
7	0,00686	1,787	0,000116
8	0	0,0498	0
9	0,00663	2,028	0,000108
10	0	0	0
11	0,0105	2,167	0,000167
12	0	0,0515	0
13	0,0105	2,265	0,000149
14	0	0,0432	0
15	0,00564	1,507	4,73e-05
16	0	0,0744	0
17	0,0036	1,109	2,87e-05
18	0	0,0317	0
19	0,00529	1,074	3,51e-05
20	0	0,0674	0
21	0,00231	0,598	5,11e-06

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22	0	0,047	-1,34e-08
23	0,00698	0,607	2,42e-05
24	0	0,0326	0
25	0,00184	0,227	-2,55e-06
26	0	0,0733	0
27	0,000981	0,111	3,52e-07
28	0,000858	0,083	0
29	0,00283	0,402	-1,97e-06
30	0,000923	0,0862	0
31	0,00254	0,211	4,74e-06
32	0,000924	0,0914	1,95e-07
33	0,00424	0,323	2,87e-06
34	0	0,0838	0
35	0,0029	0,252	1,18e-06
36	0	0,0656	0
37	0,00197	0,140	4,29e-06
38	0,00118	0,0572	0
39	0,00192	0,157	5,16e-07
40	0,00109	0,0564	-1,29e-07
41	0,00169	0,385	-9,6e-07
42	0,000979	0,0659	5,49e-08
43	0,00189	0,288	-8,65e-07
44	0	0,0618	3,06e-07
45	0,00474	0,375	4,99e-06
46	0,00093	0,074	-2,69e-10
47	0,00329	0,283	-5,27e-07
48	0	0,0576	-2,46e-08
49	0,00436	0,234	-1,77e-06
50	0	0,0413	3,46e-09

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