

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Rant 30 CCT Switch Dimm*
Item No: *AZ6296*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6296-6000K*
LuminaireName: *Rant 10 CCT Switch Dimm*
LuminaireNumber: *AZ6296*
FileName: *AZ62966000K.Idt*
Date: *2024-05-08*

Dimensions of luminaire

Length: *300 mm*
Width: *0 mm*
Height: *80 mm*

Dimensions of luminous area

Length: *296 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: *2366,64 lm*
Color temperatur: *6511 K*
Color rendering index: *93,89*
Wattage including ballast: *27,55 W*

Utilization factors:

$k = 0.60$	<i>0,320</i>
$k = 0.80$	<i>0,407</i>
$k = 1.00$	<i>0,484</i>
$k = 1.25$	<i>0,558</i>
$k = 1.50$	<i>0,615</i>
$k = 2.00$	<i>0,702</i>
$k = 2.50$	<i>0,750</i>
$k = 3.00$	<i>0,786</i>
$k = 4.00$	<i>0,835</i>
$k = 5.00$	<i>0,865</i>

Electrical parameters

U	<i>= 229,607 V</i>
I	<i>= 0,124 A</i>
P	<i>= 27,553 W</i>
Power factor	<i>= 0,966</i>

Power apparent	<i>= 28,529 VA</i>
Power Reactive	<i>= -7,404 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 21,960 %</i>

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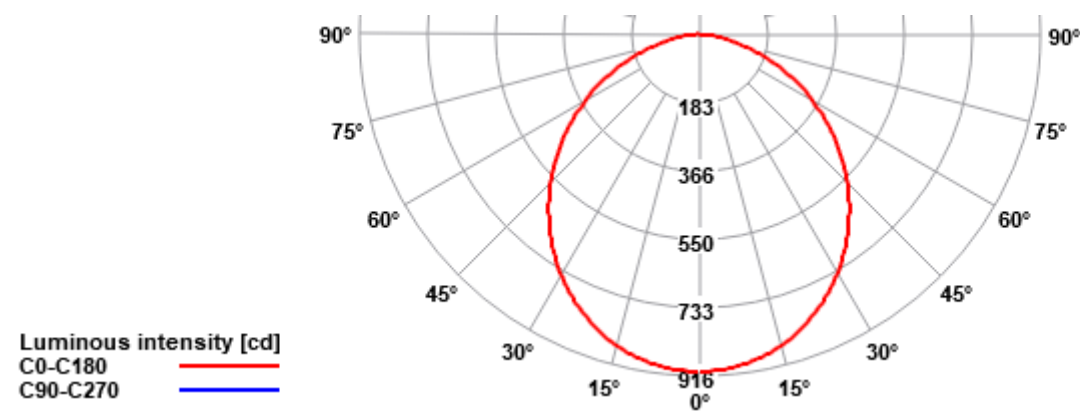
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2366,64 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	906,92 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	85,90 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3140
y	0,3195
Angular Colour Uniformity	0,0016

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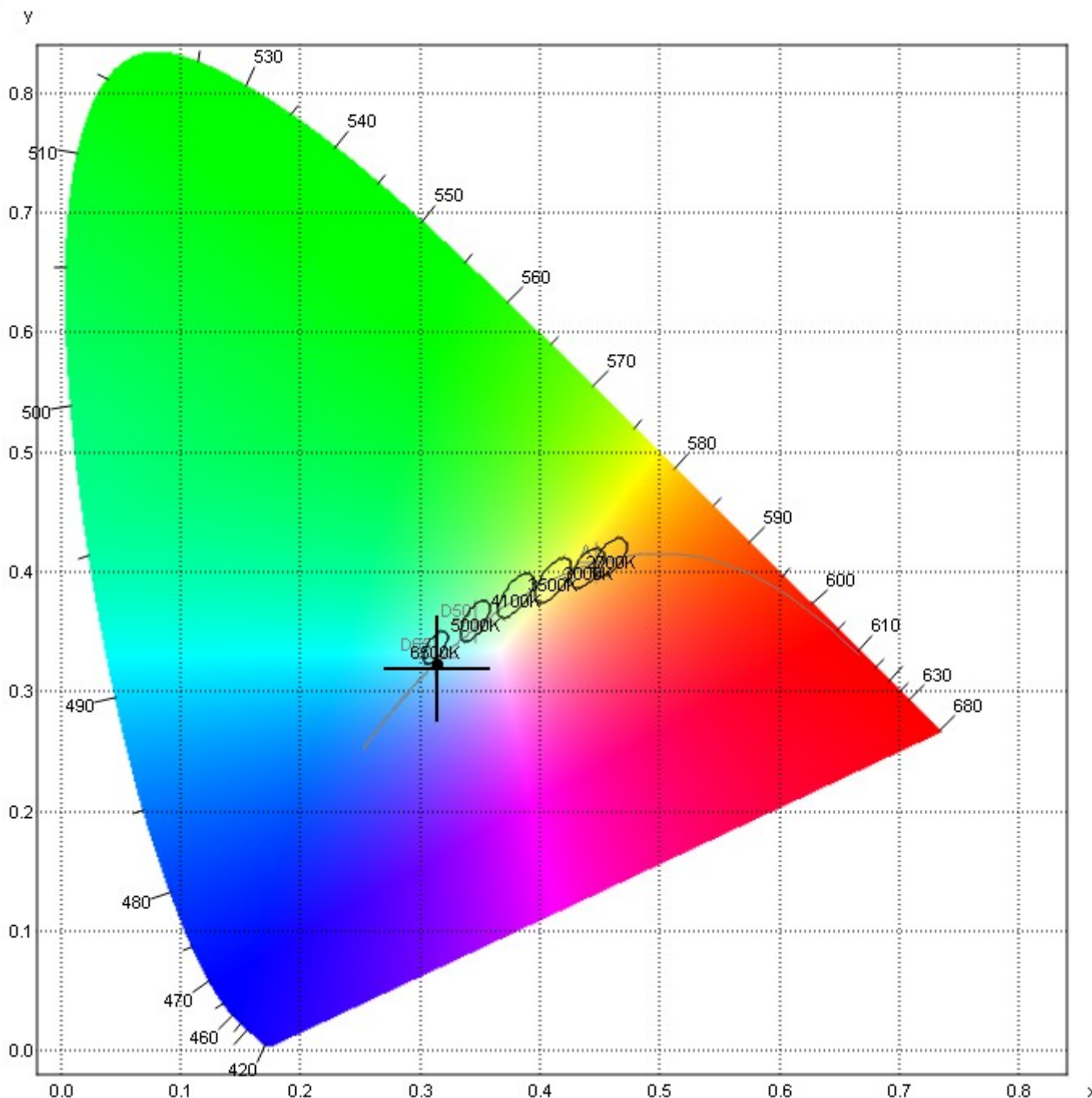
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Beam cone

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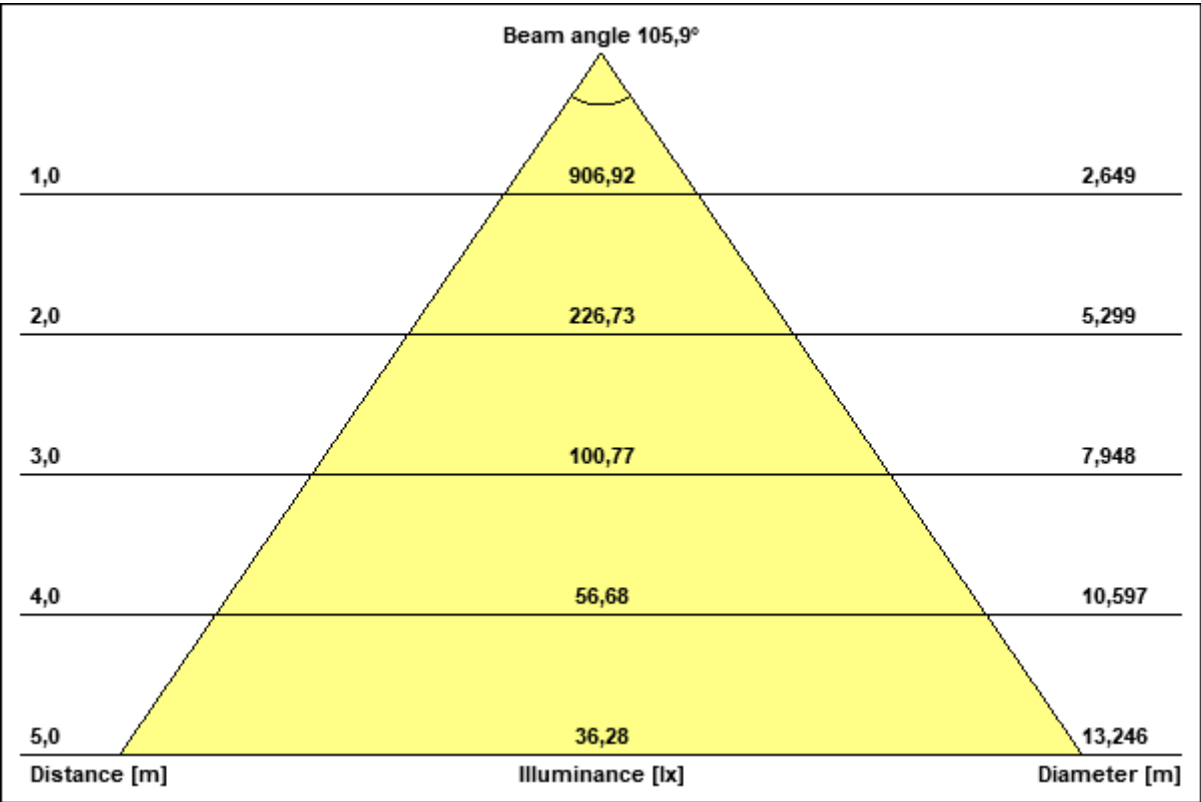
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Stabilization

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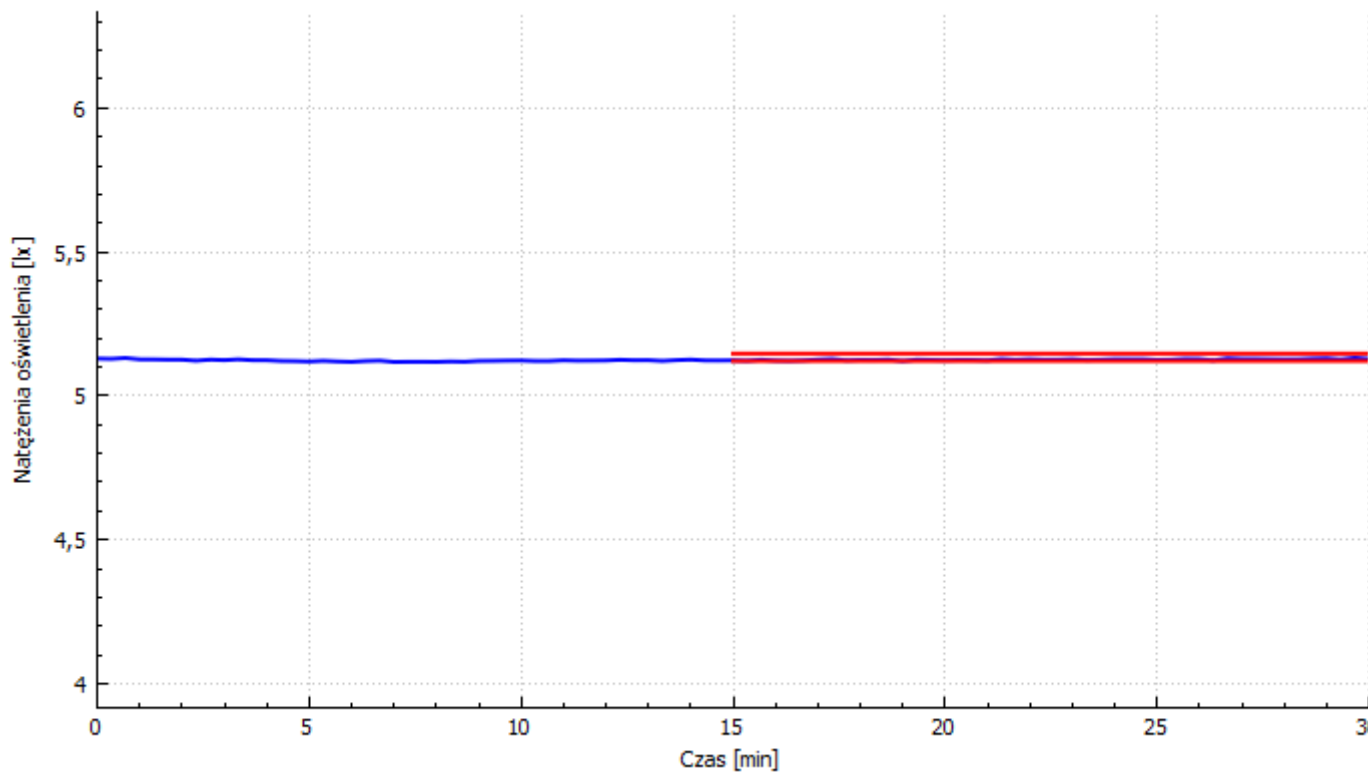
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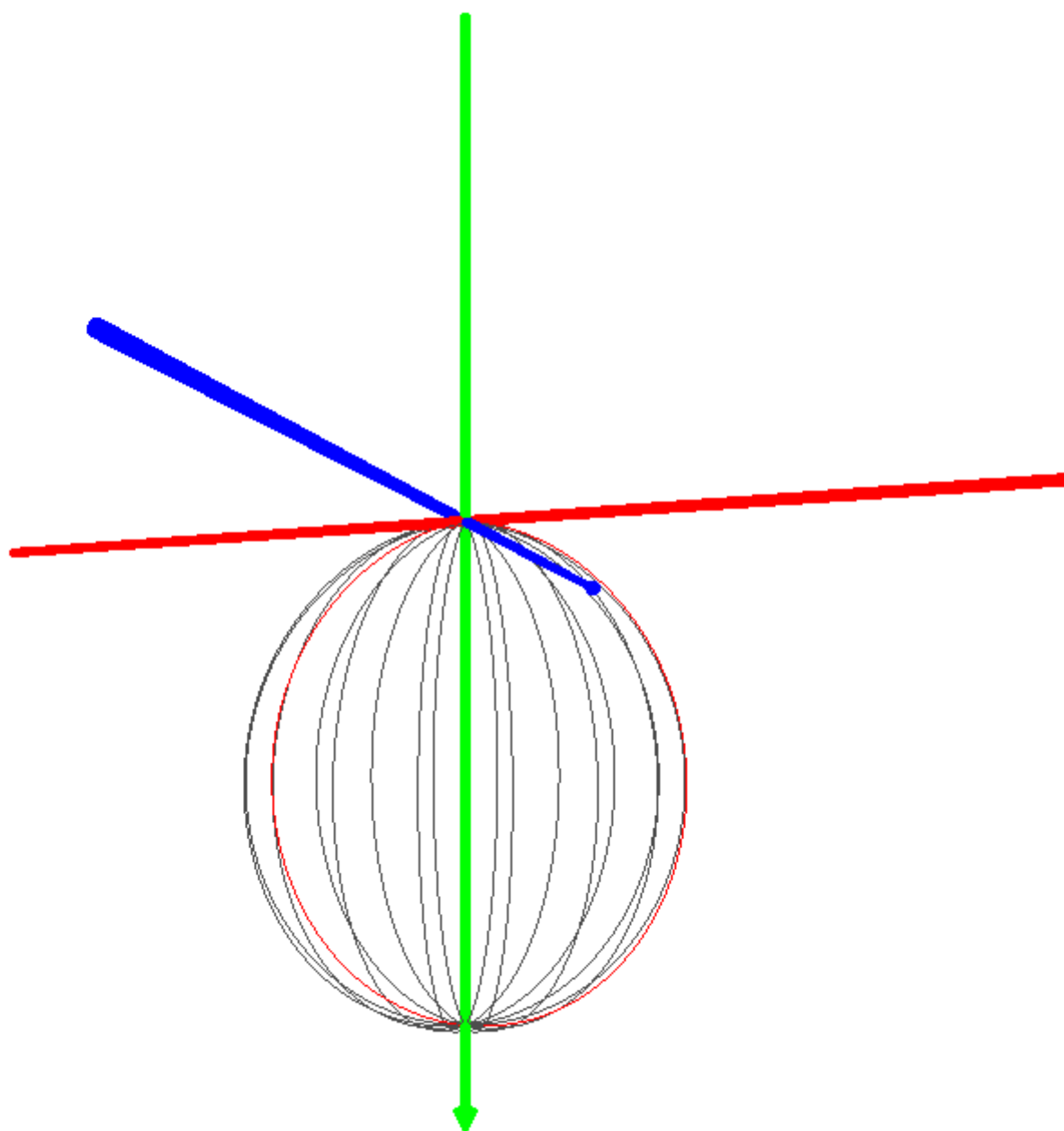
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3D Chart

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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	0,699	0
1	100,000	100,000	100,000
2	0,0148	0,280	-1,79e-05
3	0,00819	19,436	0,00131
4	0,00556	0,0905	-2,36e-06
5	0,0118	7,845	0,00088
6	0,00363	0,0982	-2,95e-06
7	0,00687	4,136	0,000283
8	0,00269	0,0762	-1,83e-06
9	0,00433	2,584	7,84e-05
10	0,00235	0,042	0
11	0,00183	1,820	-1,45e-05
12	0,00193	0,062	-9,71e-07
13	0,00178	1,413	1,18e-05
14	0,00147	0,0467	0
15	0,00295	1,248	2,1e-05
16	0,00113	0,0396	0
17	0,00368	1,135	3e-05
18	0,00112	0,0405	-5,36e-08
19	0,00282	1,052	2,01e-05
20	0,00134	0,0385	0
21	0,00292	1,049	2,33e-05

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22	0,00101	0,0515	2,28e-08
23	0,00131	0,950	-1,81e-05
24	0	0	0
25	0,00095	0,957	0
26	0,000941	0	0
27	0,00176	0,928	6,58e-06
28	0	0	0
29	0	0,902	0
30	0	0	-9,64e-08
31	0	0,839	-4,25e-06
32	0,000949	0	0
33	0	0,863	0
34	0	0	0
35	0,00186	0,844	-1,51e-05
36	0,000832	0,035	0
37	0,00187	0,822	-7,46e-06
38	0	0	0
39	0,00268	0,801	-1,06e-05
40	0	0	0
41	0,000971	0,760	-6,73e-06
42	0	0,0446	0
43	0,00267	0,740	-7,26e-06
44	0	0,048	0
45	0,00425	0,735	-1,12e-05
46	0	0	0
47	0,00497	0,750	-1,24e-05
48	0,000949	0	0
49	0,00525	0,693	-2,44e-06
50	0,000837	0,0378	0

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