

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Saga 39W CCT 3000*
Item No: *AZ4850*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo Polska Sp. z o.o.*
Report number: *AZ4850-3000K*
LuminaireName: *Saga 36W CCT*
LuminaireNumber: *AZ4850-3000K*
FileName: *AZ48503000K.Idt*
Date: *2023-01-25*

Dimensions of luminaire

Length: *900 mm*
Width: *22 mm*
Height: *52 mm*

Dimensions of luminous area

Length: *896 mm*
Width: *18 mm*
C0-plane *0 mm*
C90-plane *0 mm*
C180-plane *0 mm*
C270-plane *0 mm*

Lamps:

Number of lamps: -1
Type of lamps: LED
Total luminous flux: 1322,89 lm
Color temperatur: 2701 K
Color rendering index: 82,69
Wattage including ballast: 30,87 W

Utilization factors:

k = 0.60	0,317
k = 0.80	0,402
k = 1.00	0,477
k = 1.25	0,550
k = 1.50	0,607
k = 2.00	0,694
k = 2.50	0,741
k = 3.00	0,778
k = 4.00	0,827
k = 5.00	0,858

Electrical parameters

<i>U</i>	= 229,647 V
<i>I</i>	= 0,412 A
<i>P</i>	= 30,871 W
<i>Power factor</i>	= 0,326

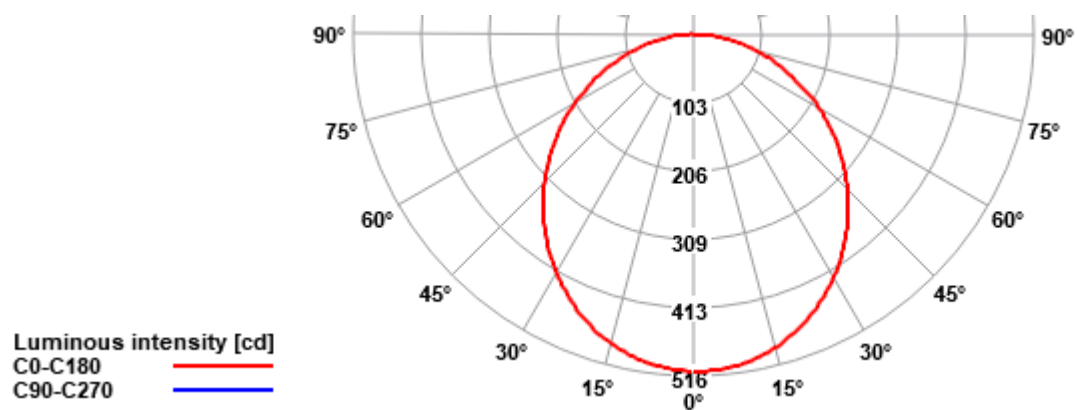
<i>Power apparent</i>	= 94,606 VA
<i>Power Reactive</i>	= -89,427 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 0,000 %

Temperature = 25 C

Goniometric measurement results

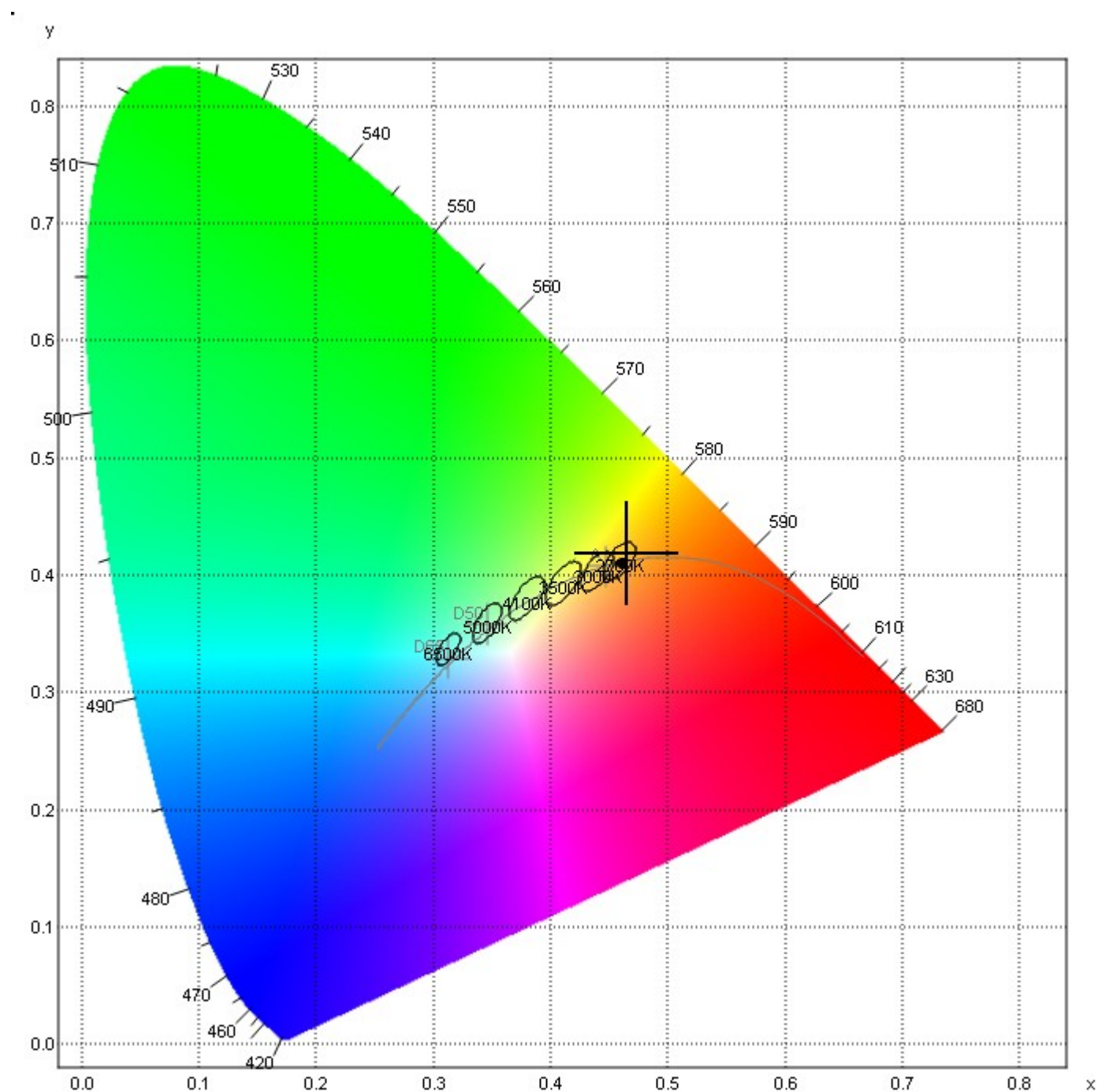
Total flux (utilized luminarie flux)	1322,89 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	510,54 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	42,85 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4640
y 0,4183
Angular Colour Uniformity 0,0031



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REGON 360317241

KRS: 0000537079

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Beam cone

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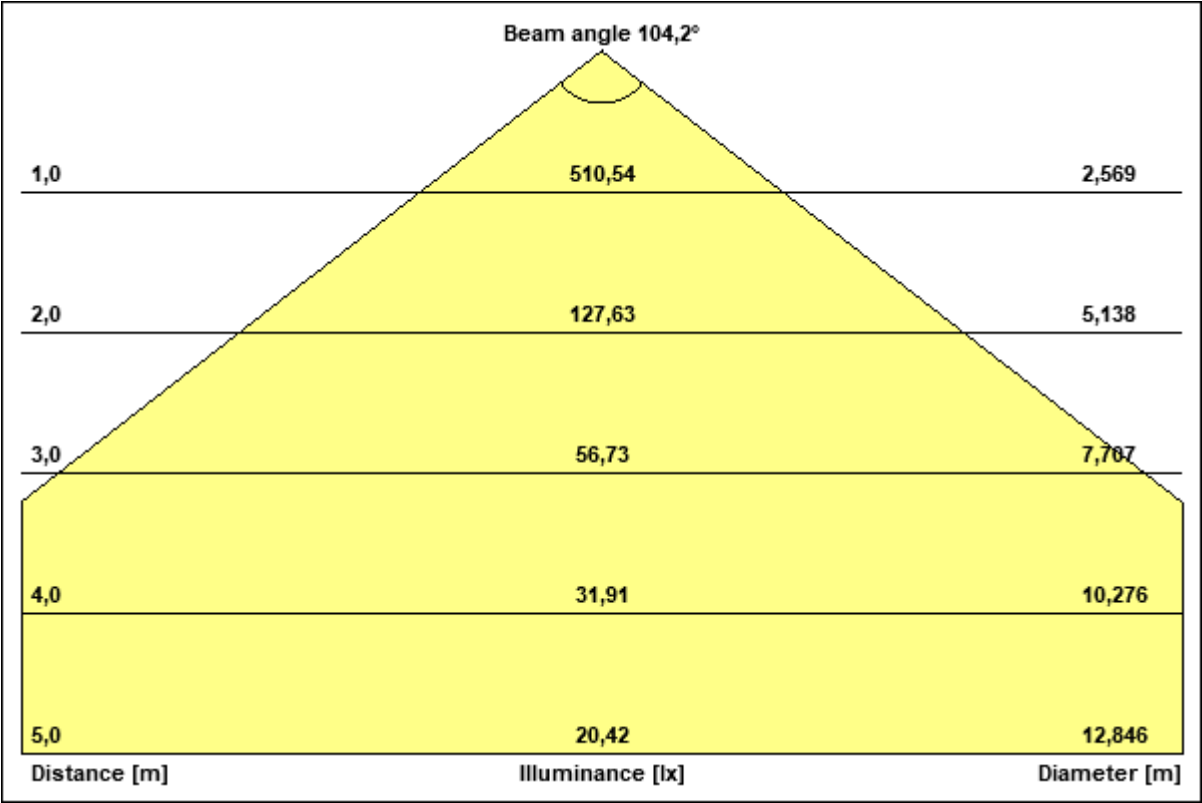
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Stabilization

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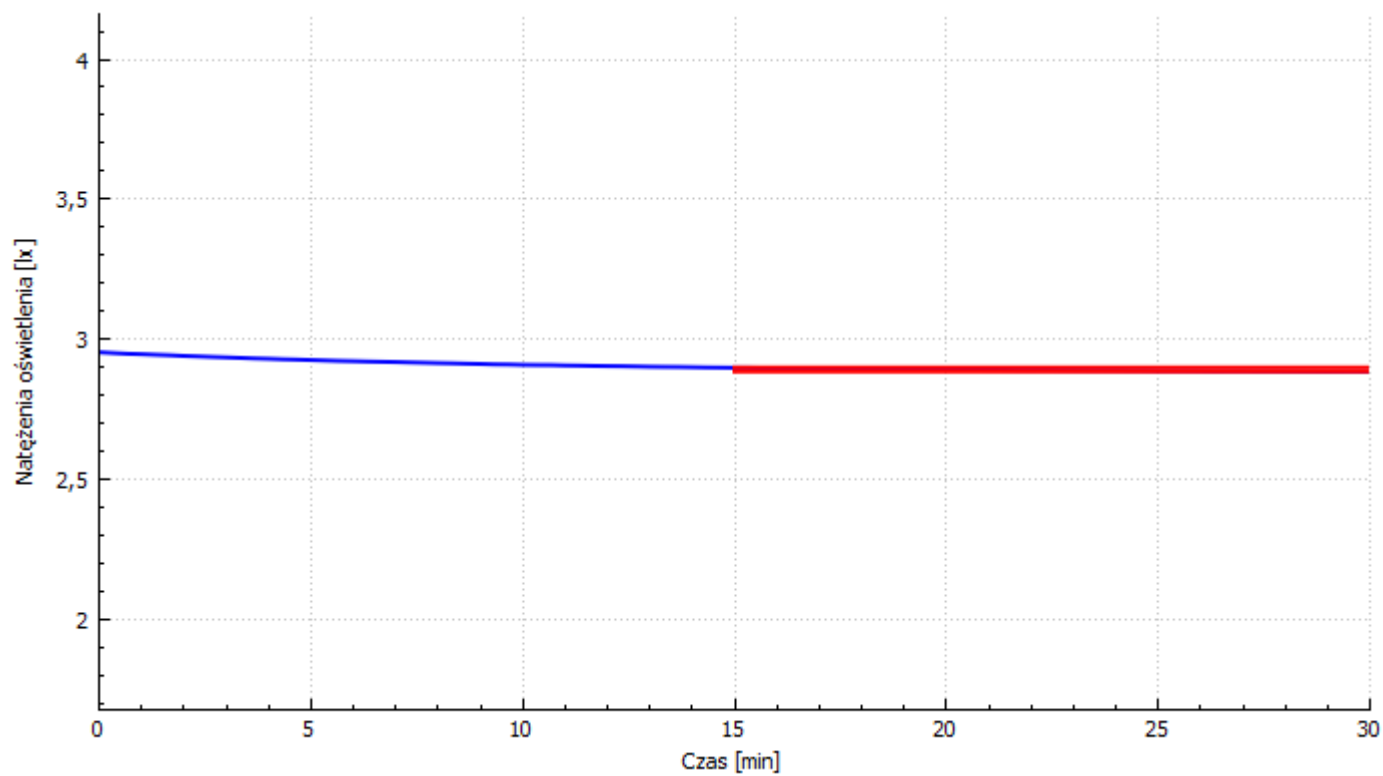
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3D Chart

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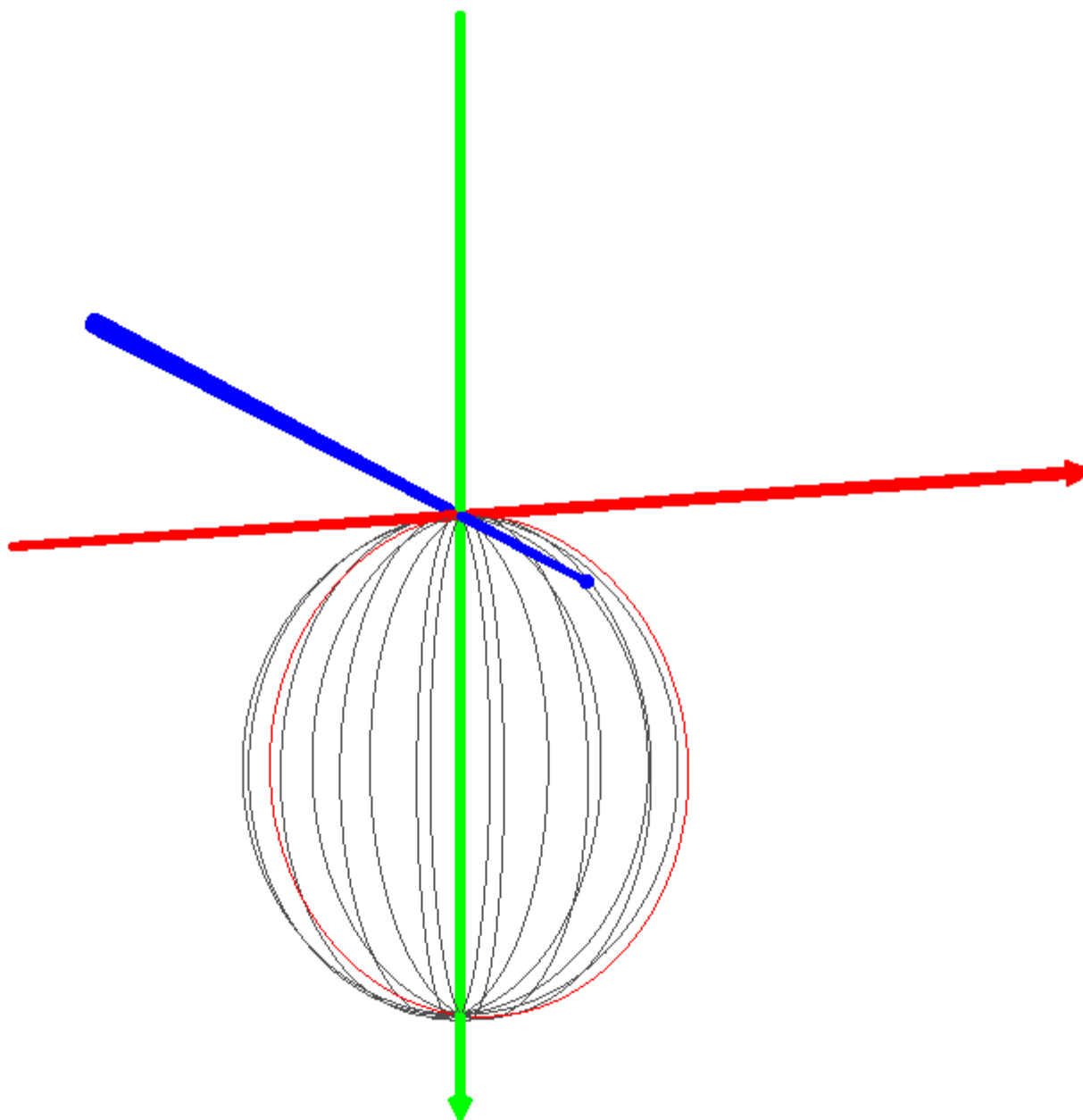
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Legend

- C0-C180
- C90-C270
- G0-G180

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0	0	0
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
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19	0	0	0
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36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0

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43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	0	0	0

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