

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*
Model name: *AZ4222 - AIDA ROUND 16W 3000K WH*
Item No:
Serial No.:
Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *1*
LuminaireName: *AIDA ROUND 16W 3000K WH*
LuminaireNumber: *AZ422W*
FileName: *AZ422W.Idt*
Date: *2021-12-06*

Dimensions of luminaire

Length: *145 mm*
Width: *0 mm*
Height: *3 mm*

Dimensions of luminous area

Length: *115 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
Type of lamps: LED
Total luminous flux: 1046,83 lm
Color temperatur: 2941.18 K
Color rendering index: 87,43
Wattage including ballast: 16,59 W

Utilization factors:

k = 0.60	0,407
k = 0.80	0,502
k = 1.00	0,583
k = 1.25	0,656
k = 1.50	0,709
k = 2.00	0,788
k = 2.50	0,823
k = 3.00	0,850
k = 4.00	0,885
k = 5.00	0,905

Electrical parameters

<i>U</i>	= 229,622 V
<i>I</i>	= 0,137 A
<i>P</i>	= 16,593 W
<i>Power factor</i>	= 0,528

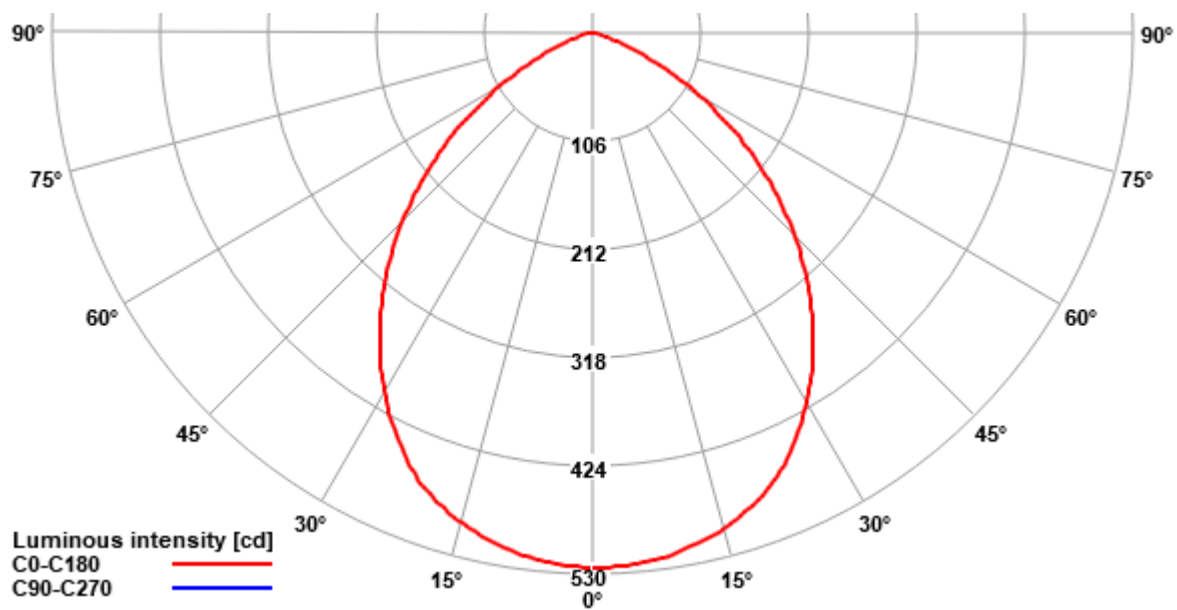
<i>Power apparent</i>	= 31,442 VA
<i>Power Reactive</i>	= -26,708 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 0,000 %

Temperature = 22 C

Goniometric measurement results

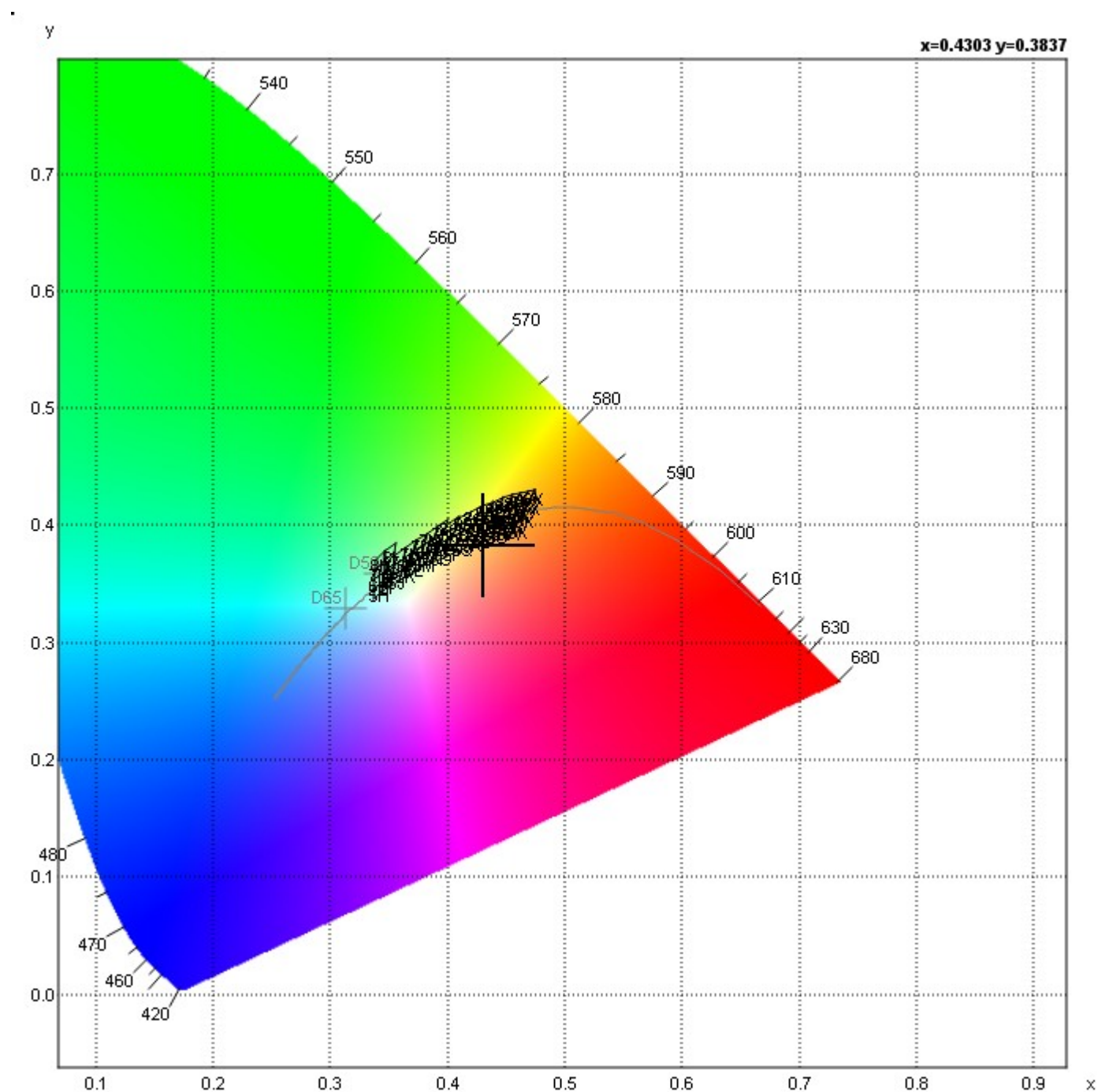
Total flux (utilized luminarie flux)	1046,83 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	525,70 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	63,10 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4303
y 0,3837
Angular Colour Uniformity 0,0013



GL Optic R&D Center Sp. z o.o.

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Raiffeisen Bank Polska S.A.

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EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

Beam cone

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Stabilization

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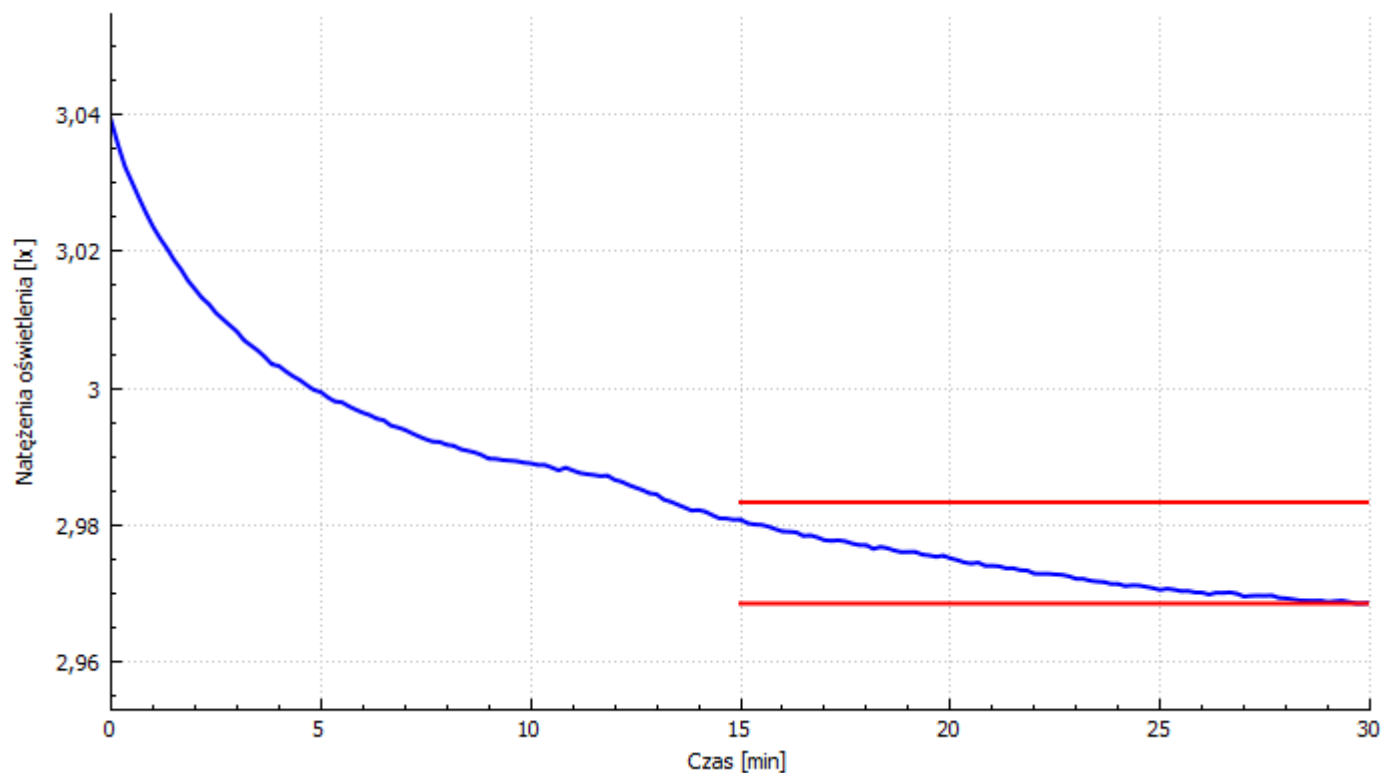
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3D Chart

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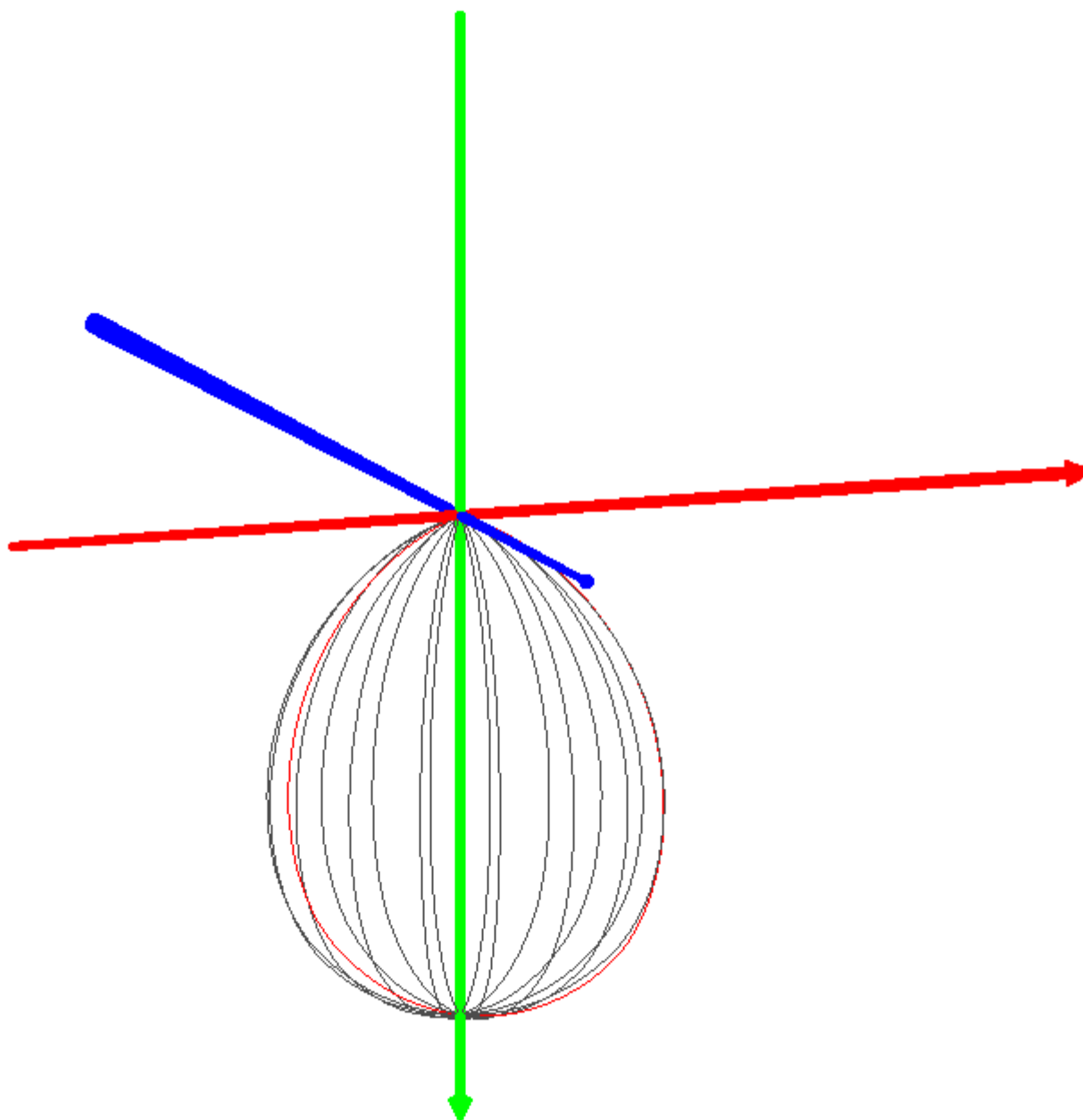
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Legend

- - 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
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
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25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
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33	0	0	0
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35	0	0	0
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