

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*
Model name: *AZ4218 - AIDA ROUND 9W 3000K WH*
Item No:
Serial No.:
Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *2020-09-10-1*
LuminaireName: *Aida Round 9W 3000K*
LuminaireNumber: *AZ4218*
FileName: *AZ4218.Idt*
Date: *2021-12-06*

Dimensions of luminaire

Length: *100 mm*
Width: *0 mm*
Height: *3 mm*

Dimensions of luminous area

Length: *65 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: 477,14 lm
Color temperatur: 2943.75 K
Color rendering index: 87,25
Wattage including ballast: 10,69 W

Utilization factors:

k = 0.60	0,473
k = 0.80	0,563
k = 1.00	0,639
k = 1.25	0,707
k = 1.50	0,755
k = 2.00	0,826
k = 2.50	0,854
k = 3.00	0,876
k = 4.00	0,904
k = 5.00	0,921

Electrical parameters

U = 229,702 V
 I = 0,089 A
 P = 10,687 W
Power factor = 0,522

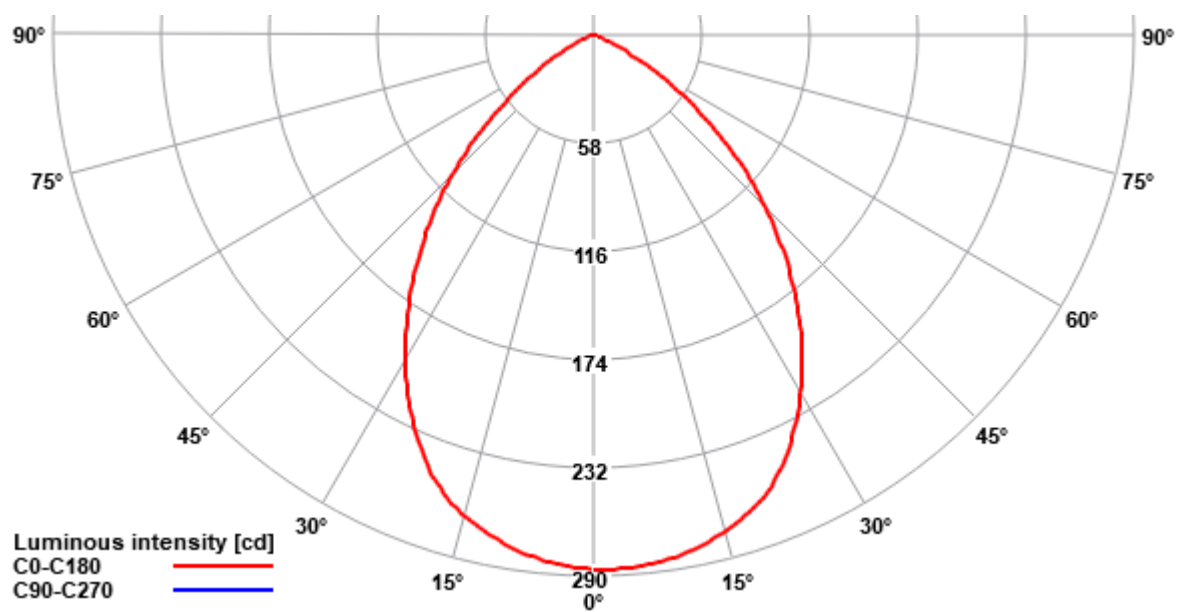
Power apparent = 20,456 VA
Power Reactive = -17,442 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 22 C

Goniometric measurement results

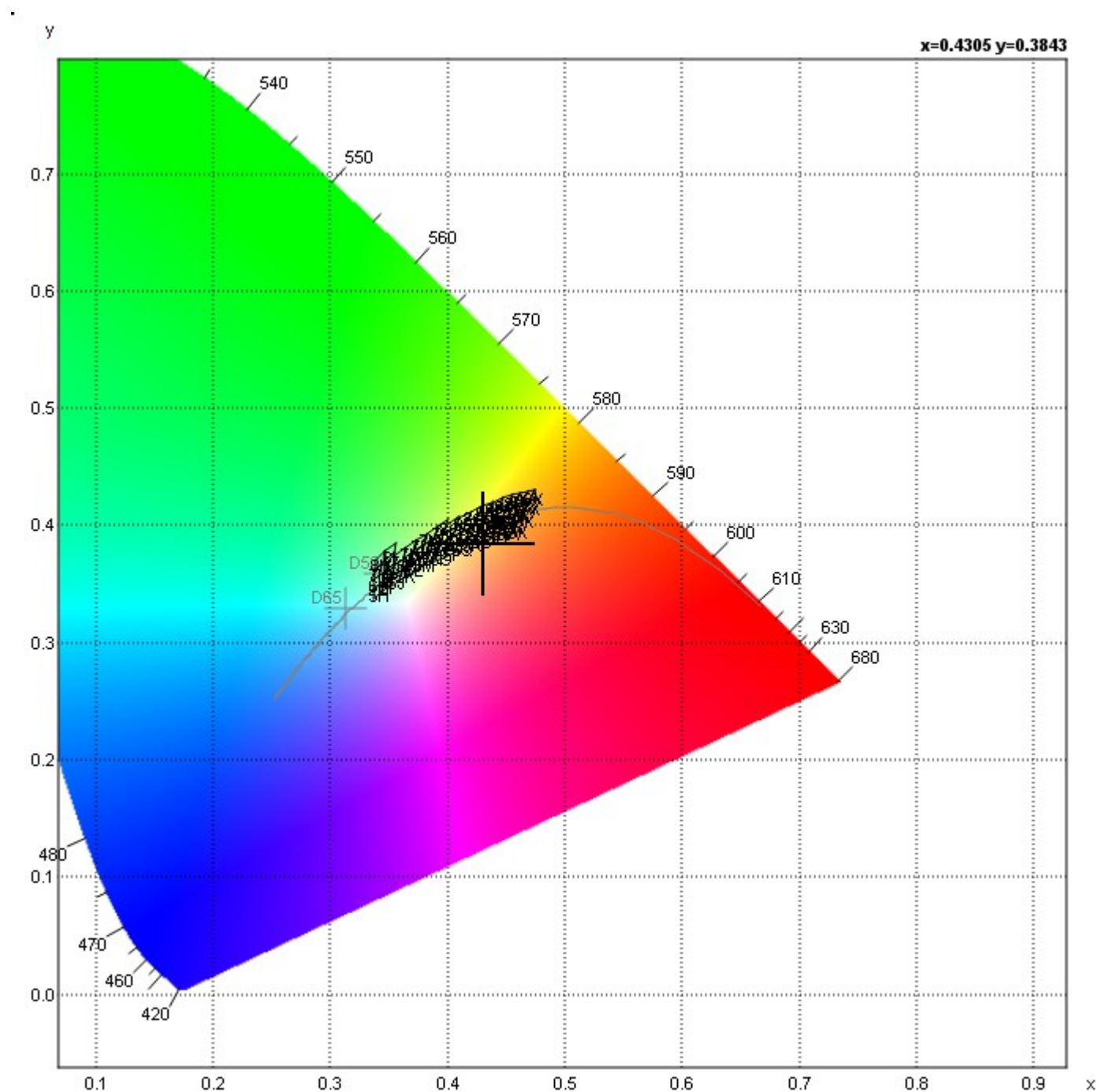
Total flux (utilized luminarie flux)	477,14 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	289,05 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	44,63 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4305
y 0,3843
Angular Colour Uniformity 0,0021



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

ul. Poznańska 70

PL-62-040 Puszczkowo; Poland

Tel.: +48 61 819 40 03

Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

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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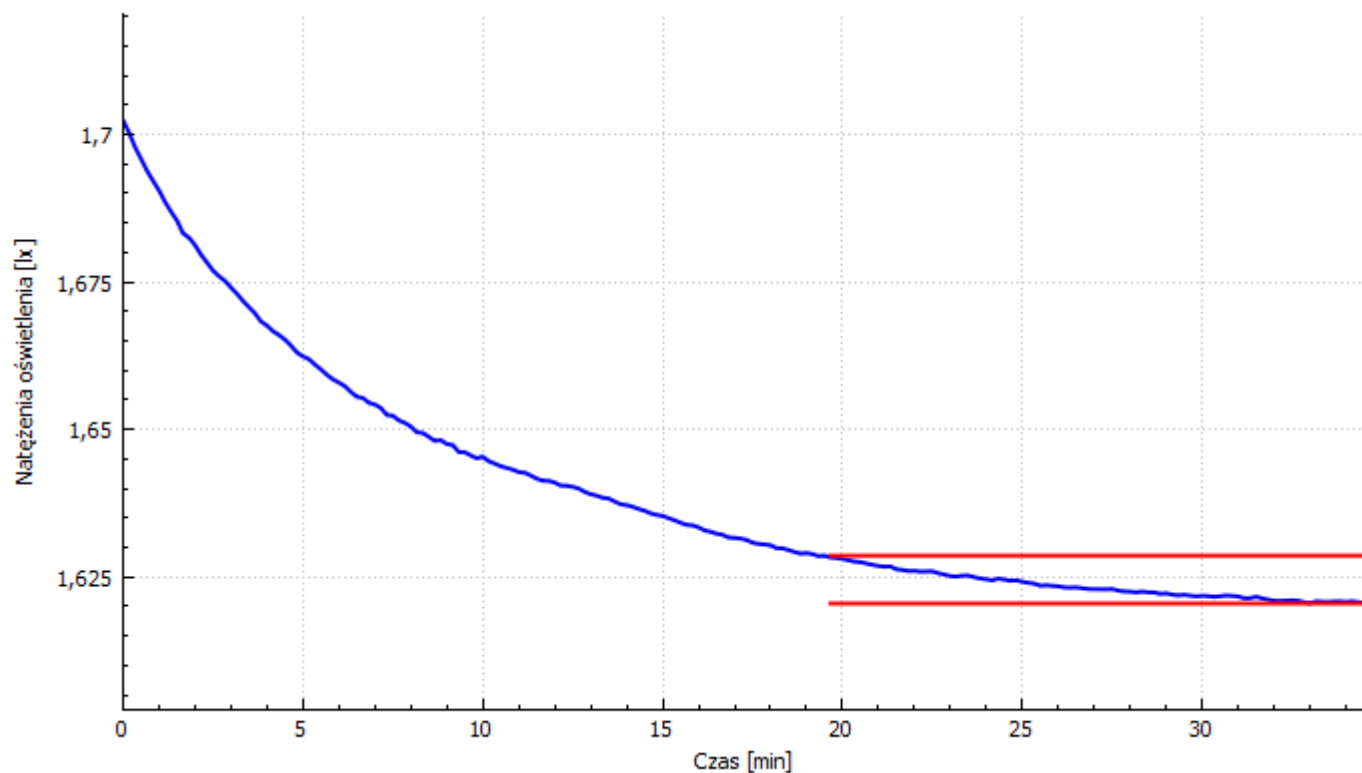
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3D Chart

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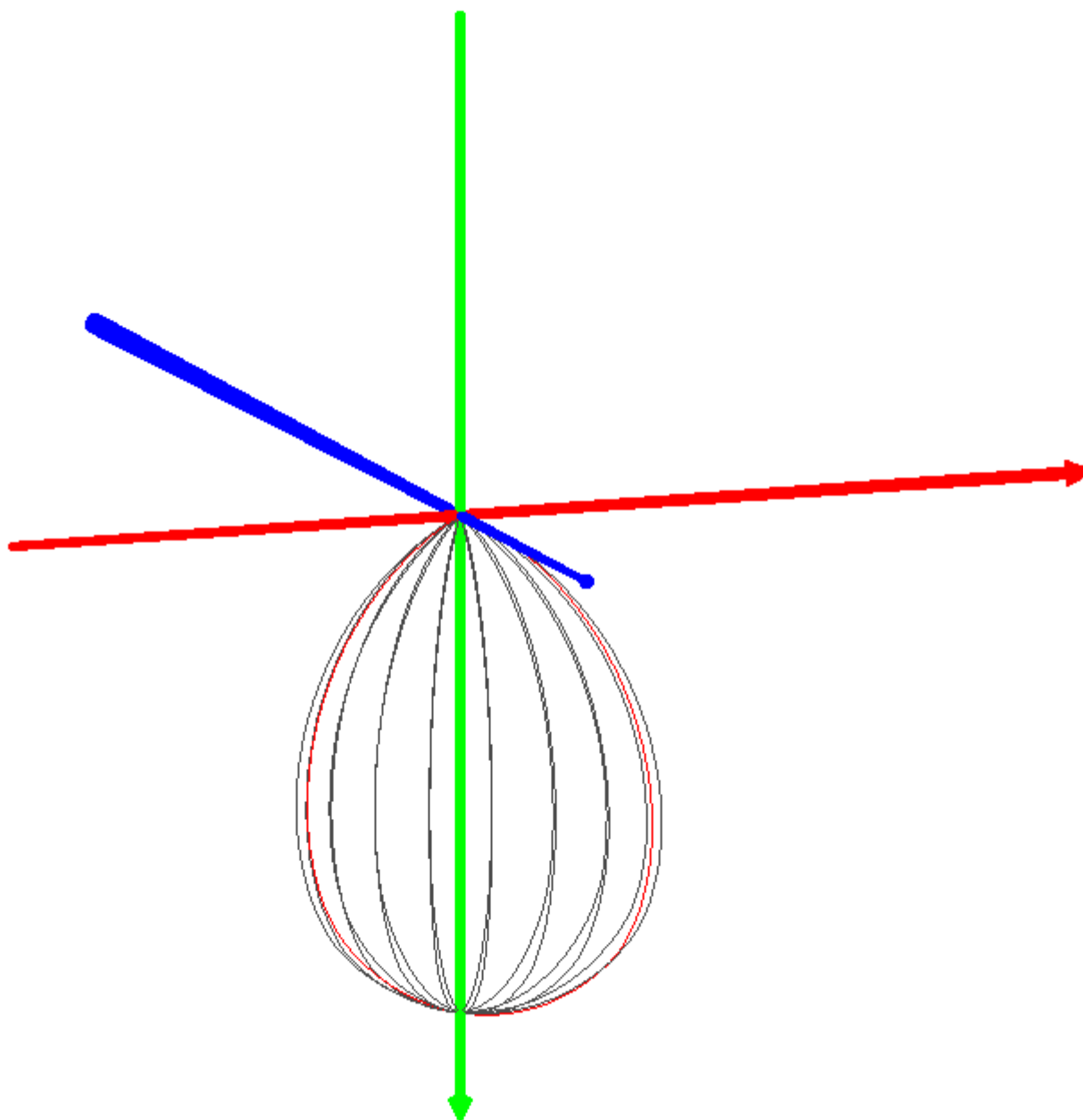
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Legend

- - 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
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37	0	0	0
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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