

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*
Model name: *AIDA ROUND 9W 3000K WH*
Item No: *AZ4228*
Serial No.:
Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *2020-09-10-1*
LuminaireName: *Aida Square 16W 3000K*
LuminaireNumber: *AZ4228*
FileName: *AZ4228.Idt*
Date: *2021-12-06*

Dimensions of luminaire

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

Dimensions of luminous area

Length: *115 mm*
Width: *115 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: 1070,50 lm
Color temperatur: 2920.43 K
Color rendering index: 87,30
Wattage including ballast: 16,17 W

Utilization factors:

k = 0.60	0,391
k = 0.80	0,485
k = 1.00	0,566
k = 1.25	0,640
k = 1.50	0,694
k = 2.00	0,775
k = 2.50	0,813
k = 3.00	0,842
k = 4.00	0,879
k = 5.00	0,901

Electrical parameters

U = 229,654 V
 I = 0,134 A
 P = 16,166 W
Power factor = 0,525

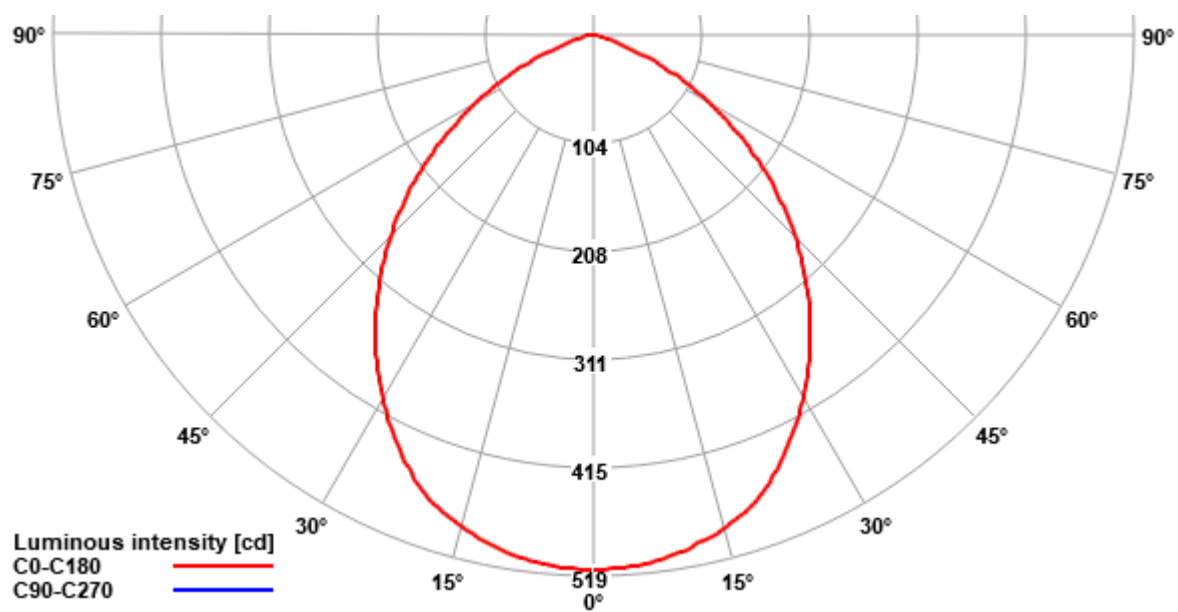
Power apparent = 30,809 VA
Power Reactive = -14,576 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 22 C

Goniometric measurement results

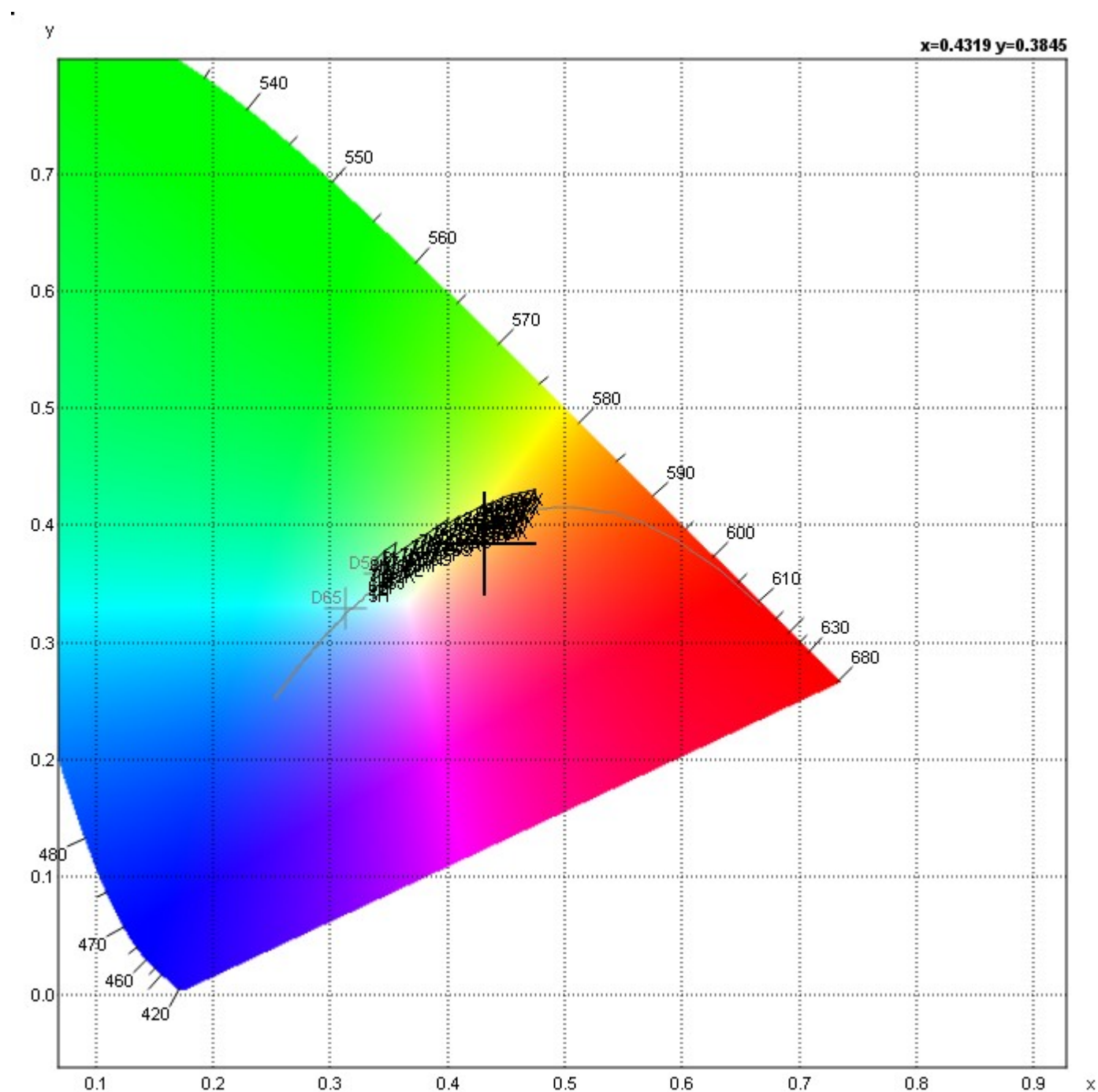
Total flux (utilized luminarie flux)	1070,50 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	514,28 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	66,20 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4319
y 0,3845
Angular Colour Uniformity 0,0016



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

ul. Poznańska 70

PL-62-040 Puszczkowo; Poland

Tel.: +48 61 819 40 03

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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 200.000 PLN

Beam cone

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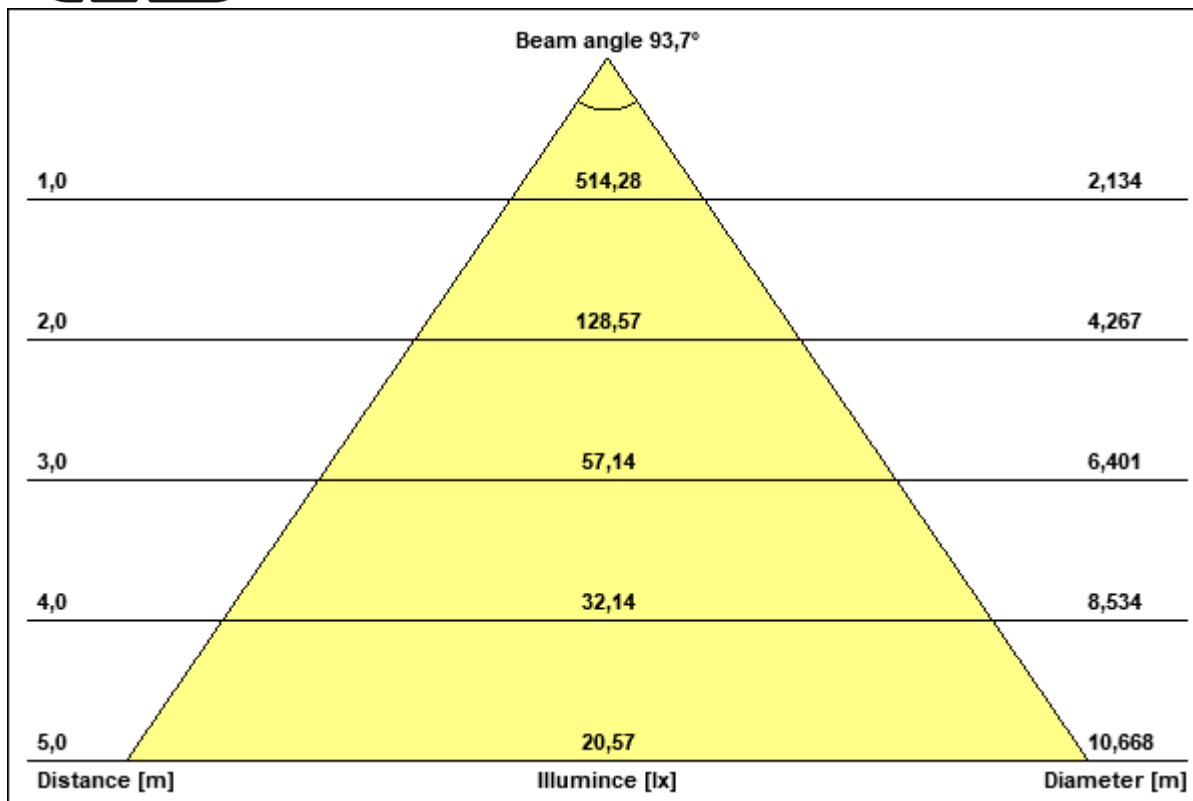
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

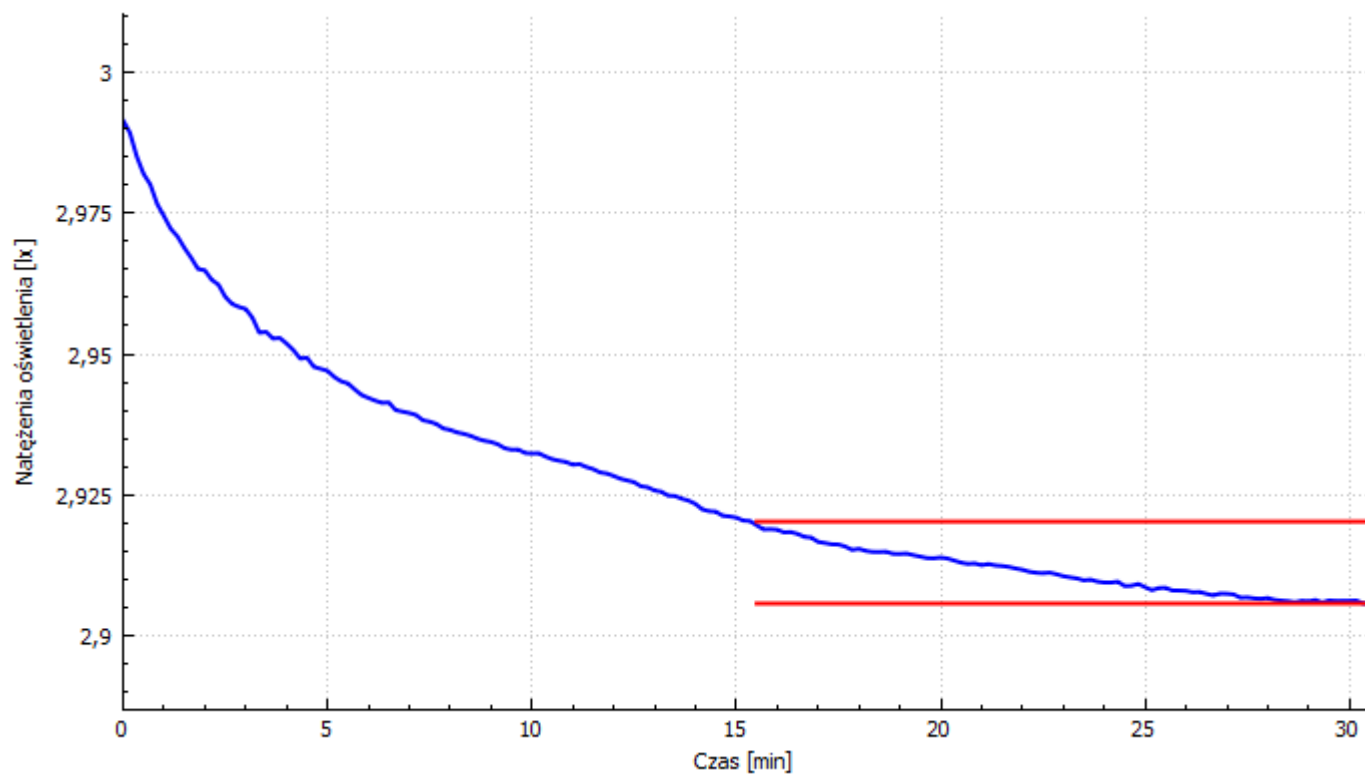
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Stabilization



3D Chart

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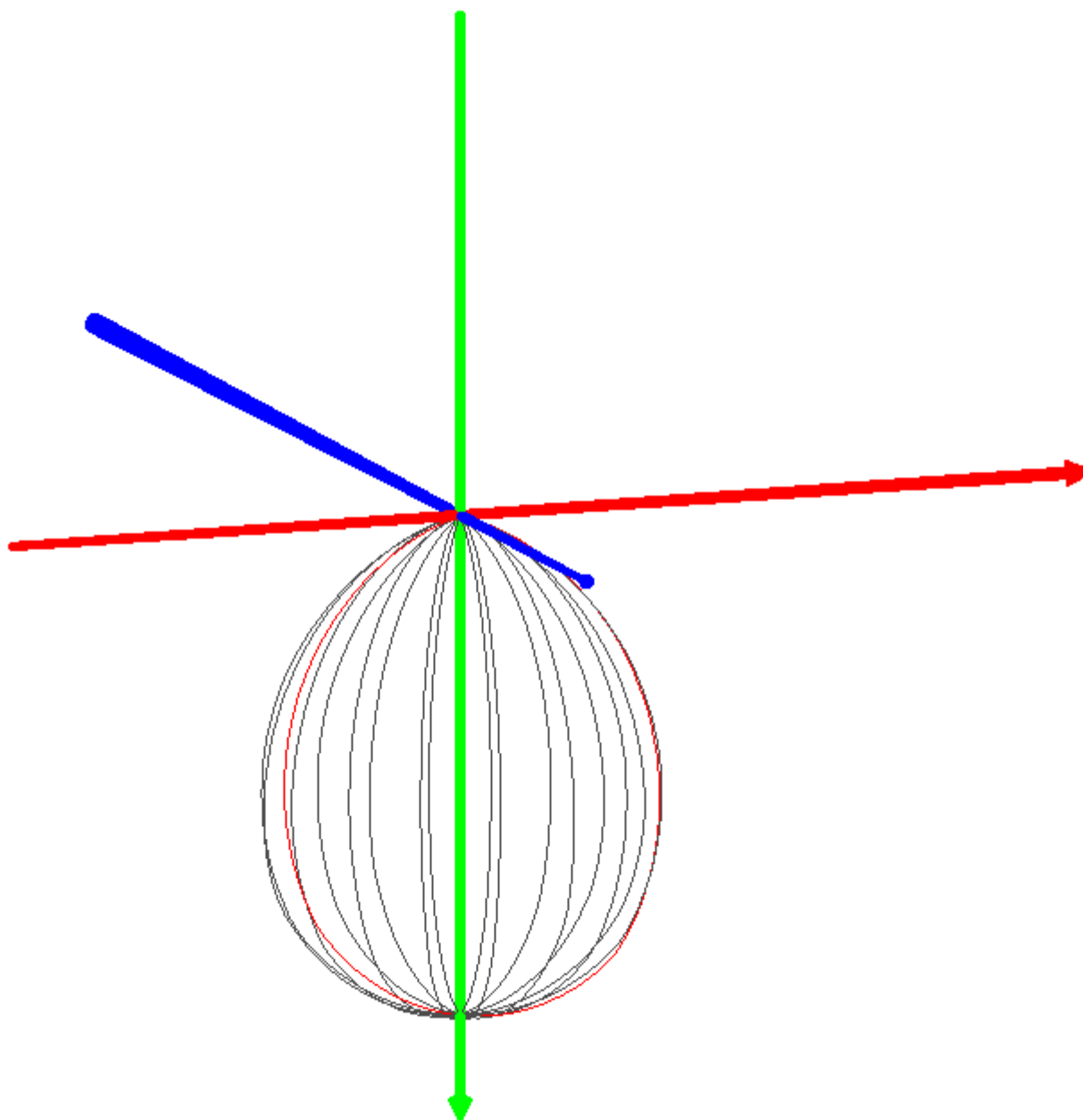
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Legend

- 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
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14	0	0	0
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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