

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *DIADO CHROME*

Item No: *AZ1453*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *TECH_LED_15*

LuminaireName: *Diado*

LuminaireNumber: *AZ1453*

FileName: *AZ1453.Idt*

Date: *2020-08-27*

Dimensions of luminaire

Length: *80 mm*

Width: *80 mm*

Height: *90 mm*

Dimensions of luminous area

Length: *40 mm*

Width: *0 mm*

C0-plane *15 mm*

C90-plane *15 mm*

C180-plane *15 mm*

C270-plane *15 mm*

Lamps:

Number of lamps: -1
Type of lamps: LED
Total luminous flux: 407,09 lm
Color temperatur: 2931.68 K
Color rendering index: 83,12
Wattage including ballast: 5,06 W

Utilization factors:

k = 0.60	0,682
k = 0.80	0,734
k = 1.00	0,787
k = 1.25	0,828
k = 1.50	0,858
k = 2.00	0,913
k = 2.50	0,923
k = 3.00	0,937
k = 4.00	0,958
k = 5.00	0,972

Electrical parameters

<i>U</i>	= 229,635 V
<i>I</i>	= 0,025 A
<i>P</i>	= 5,062 W
<i>Power factor</i>	= 0,889

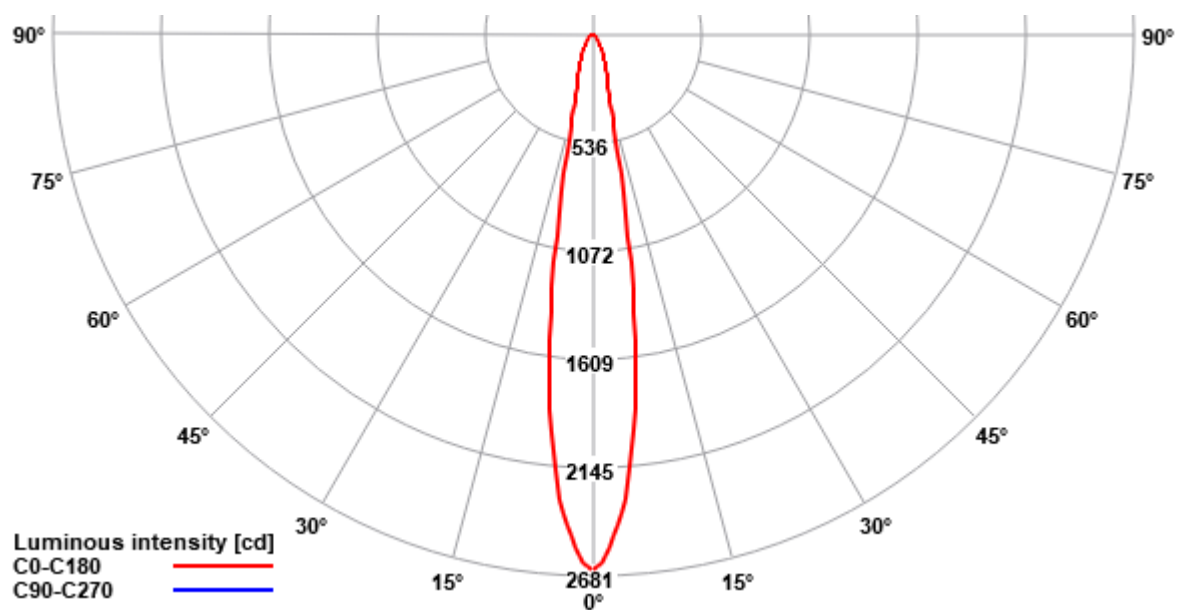
<i>Power apparent</i>	= 5,697 VA
<i>Power Reactive</i>	= -2,613 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 0,000 %

Temperature = 22 C

Goniometric measurement results

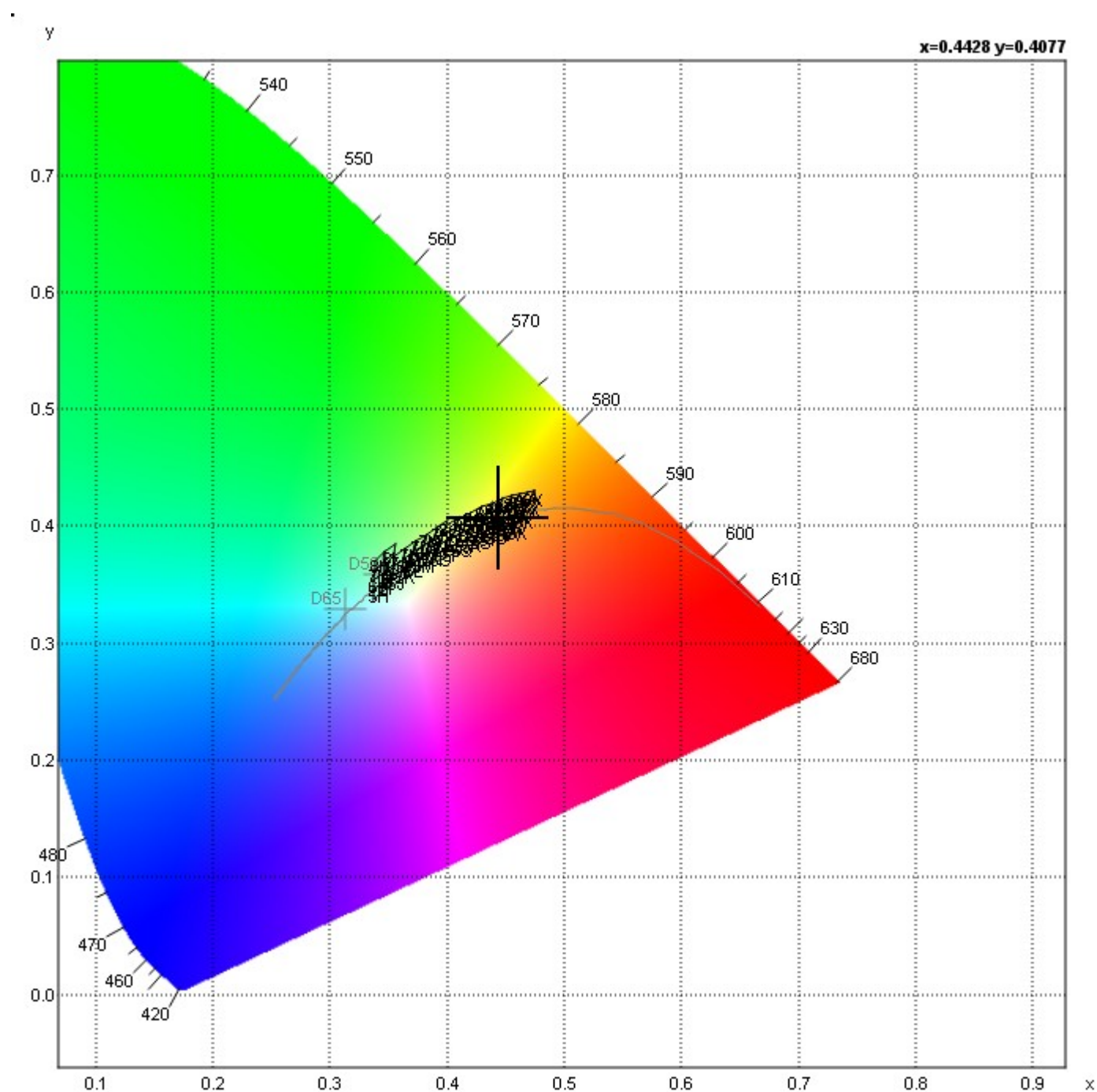
Total flux (utilized luminarie flux)	407,09 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	2654,56 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	80,45 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4428
y 0,4077
Angular Colour Uniformity 0,0014



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

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PLN: IBAN 78 1750 0012 0000 0000 2709 9432

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPW

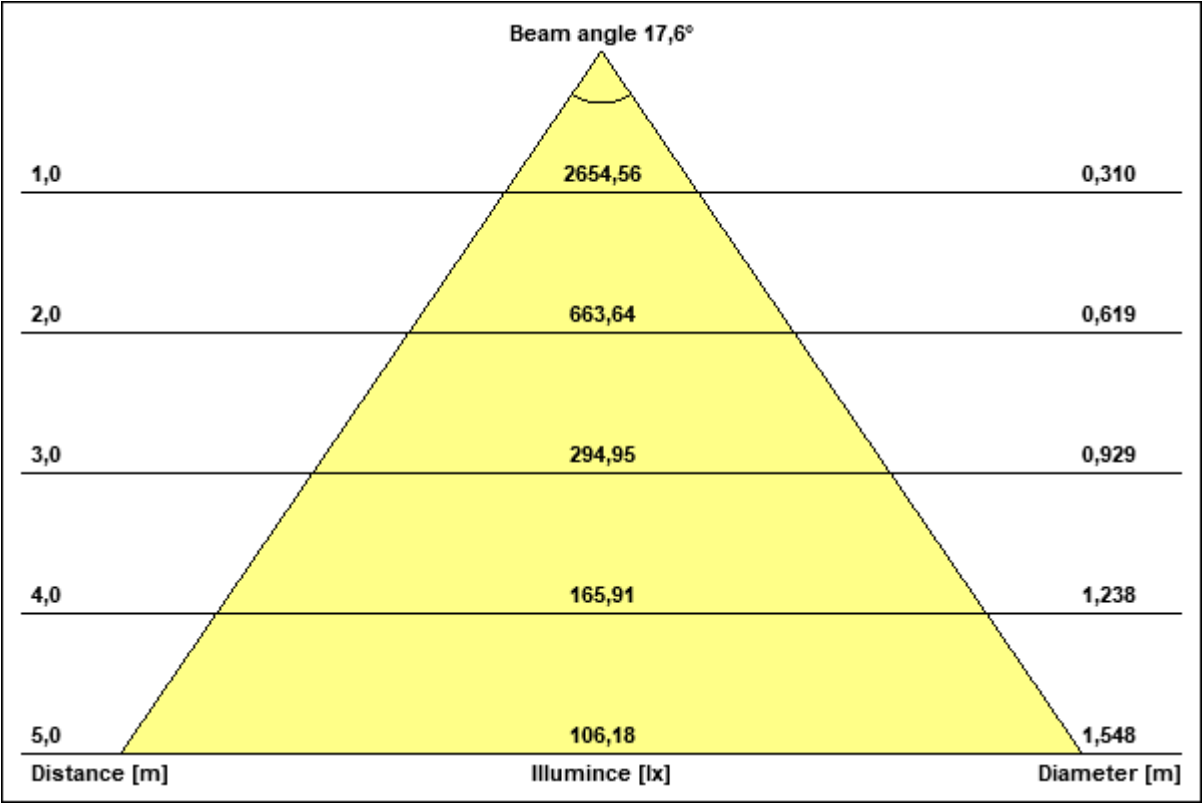
NIP: 783-171-97-20

REGON 360317241

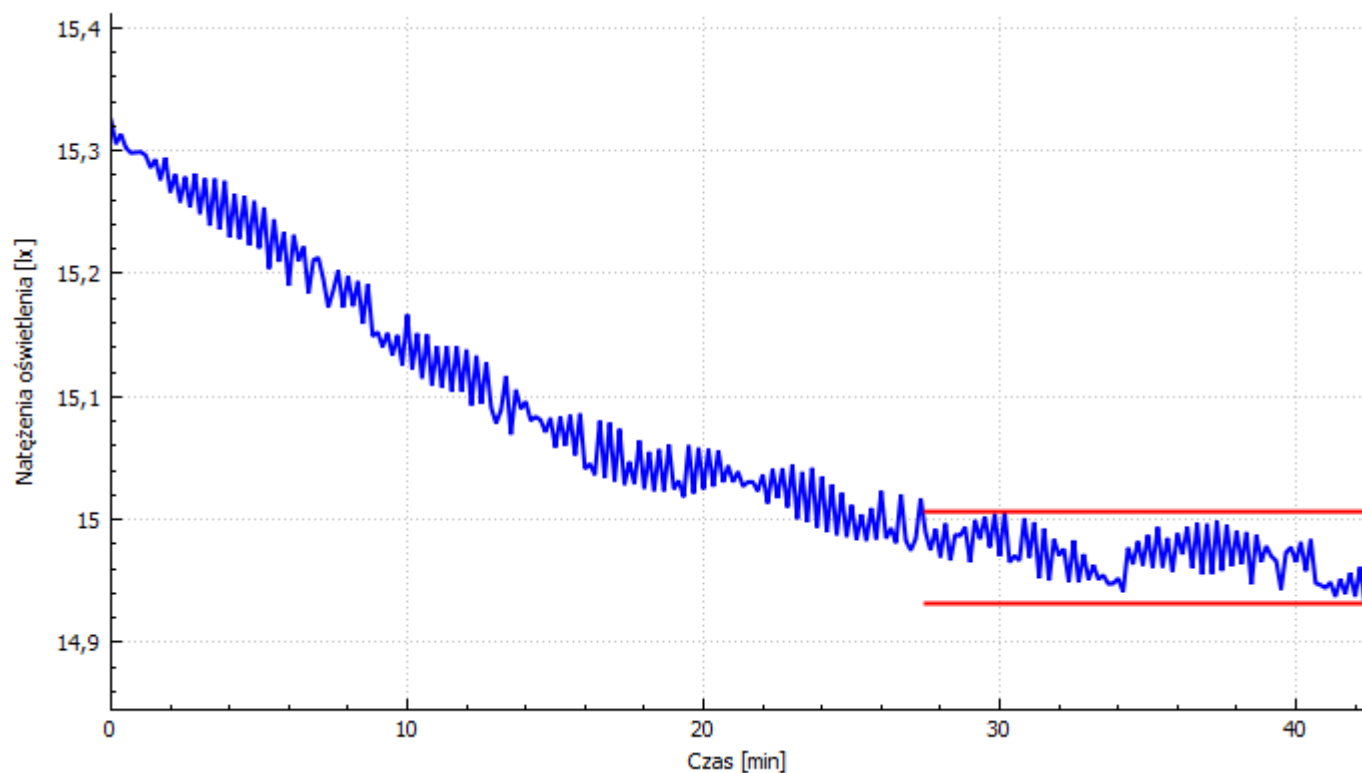
KRS: 0000537079

Kapitał 200.000 PLN

Beam cone



Stabilization



3D Chart

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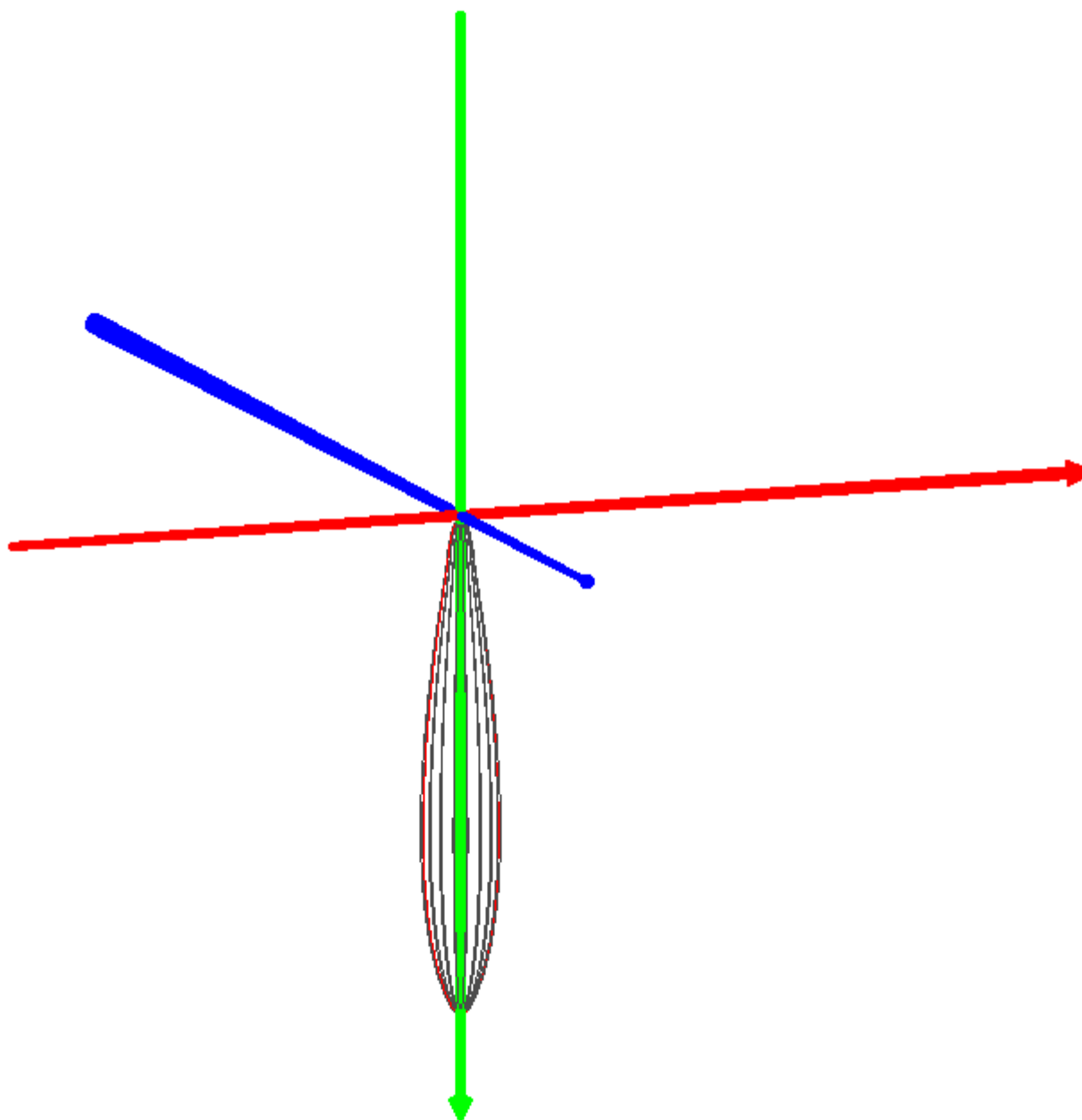
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Legend

- 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
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
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
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