

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*
Model name: *CORTONA 55 4000K WHITE*
Item No: *AZ2739*
Serial No.:
Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *TECH_LED_2*
LuminaireName: *Cortona 55 4000K*
LuminaireNumber: *AZ2739*
FileName: *AZ2739.Idt*
Date: *2020-12-03*

Dimensions of luminaire

Length: *590 mm*
Width: *0 mm*
Height: *85 mm*

Dimensions of luminous area

Length: *580 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: 2710,82 lm
Color temperatur: 4173.91 K
Color rendering index: 82,72
Wattage including ballast: 48,96 W

Utilization factors:

k = 0.60	0,293
k = 0.80	0,377
k = 1.00	0,452
k = 1.25	0,525
k = 1.50	0,582
k = 2.00	0,669
k = 2.50	0,719
k = 3.00	0,757
k = 4.00	0,809
k = 5.00	0,842

Electrical parameters

<i>U</i>	= 229,607 V
<i>I</i>	= 0,218 A
<i>P</i>	= 48,964 W
<i>Power factor</i>	= 0,980

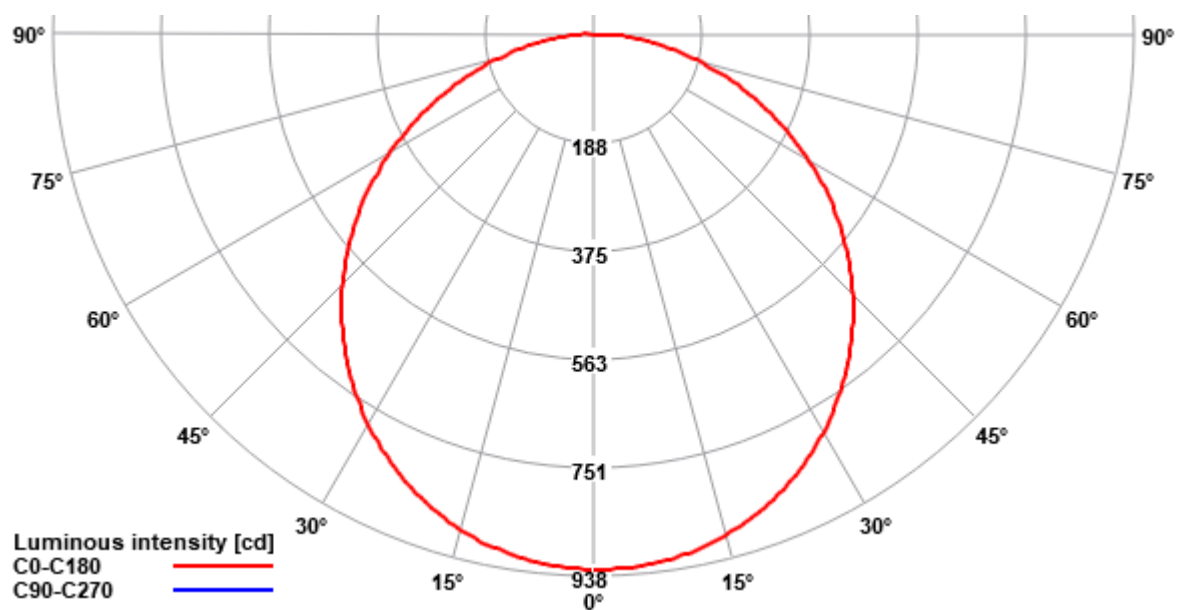
<i>Power apparent</i>	= 49,975 VA
<i>Power Reactive</i>	= -9,988 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 0,000 %

Temperature = 22 C

Goniometric measurement results

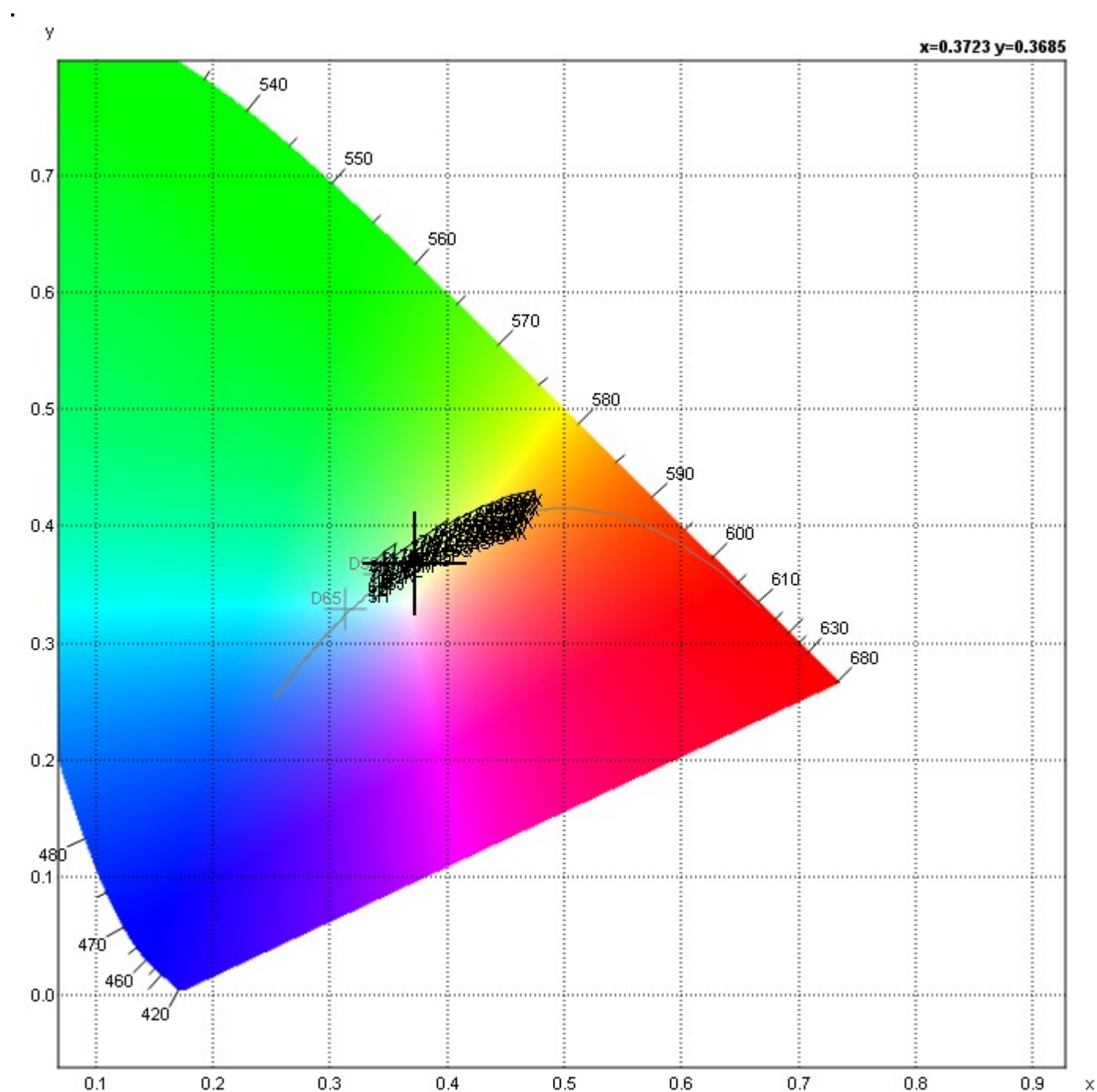
Total flux (utilized luminarie flux)	2710,82 <i>lm</i>
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	929,08 <i>cd</i>
Light output ratio (LOR)	100,00 %
Luminous efficacy	55,37 <i>lm/W</i>

Light intensity distribution diagram



CIE 1931 diagram

x 0,3723
y 0,3685
Angular Colour Uniformity 0,0005



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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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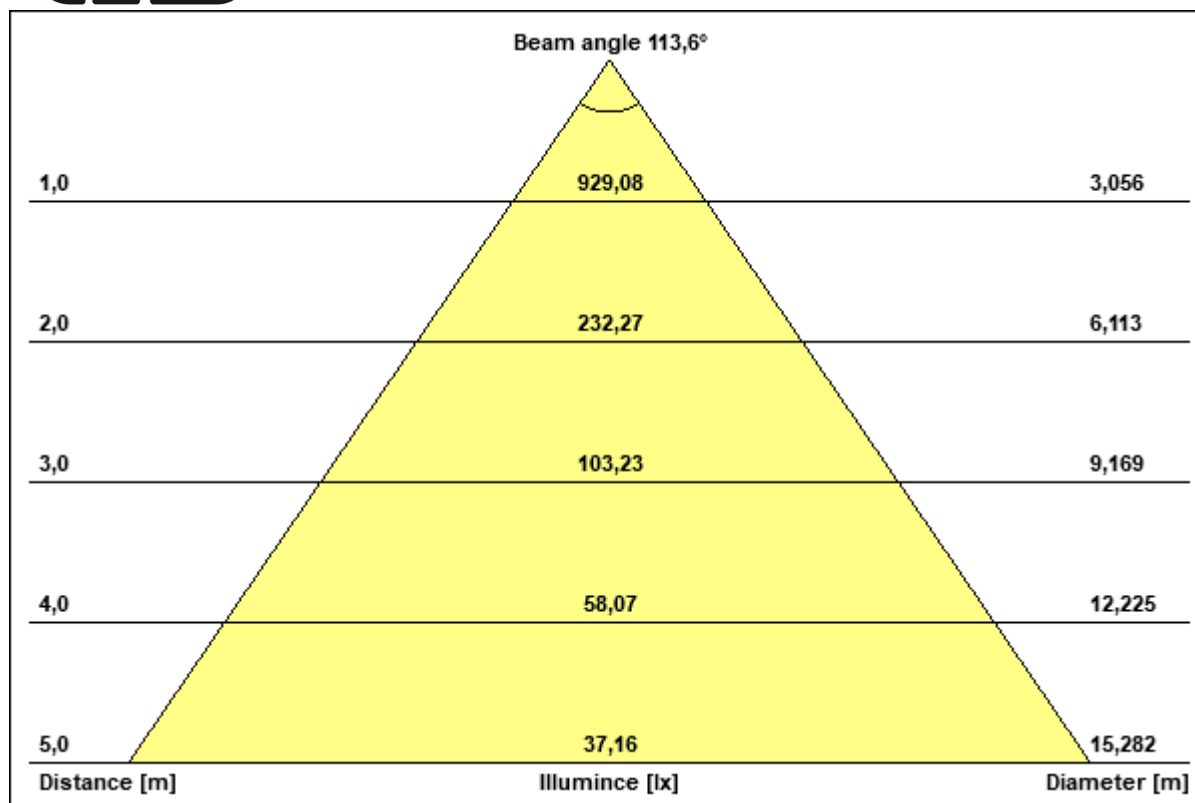
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

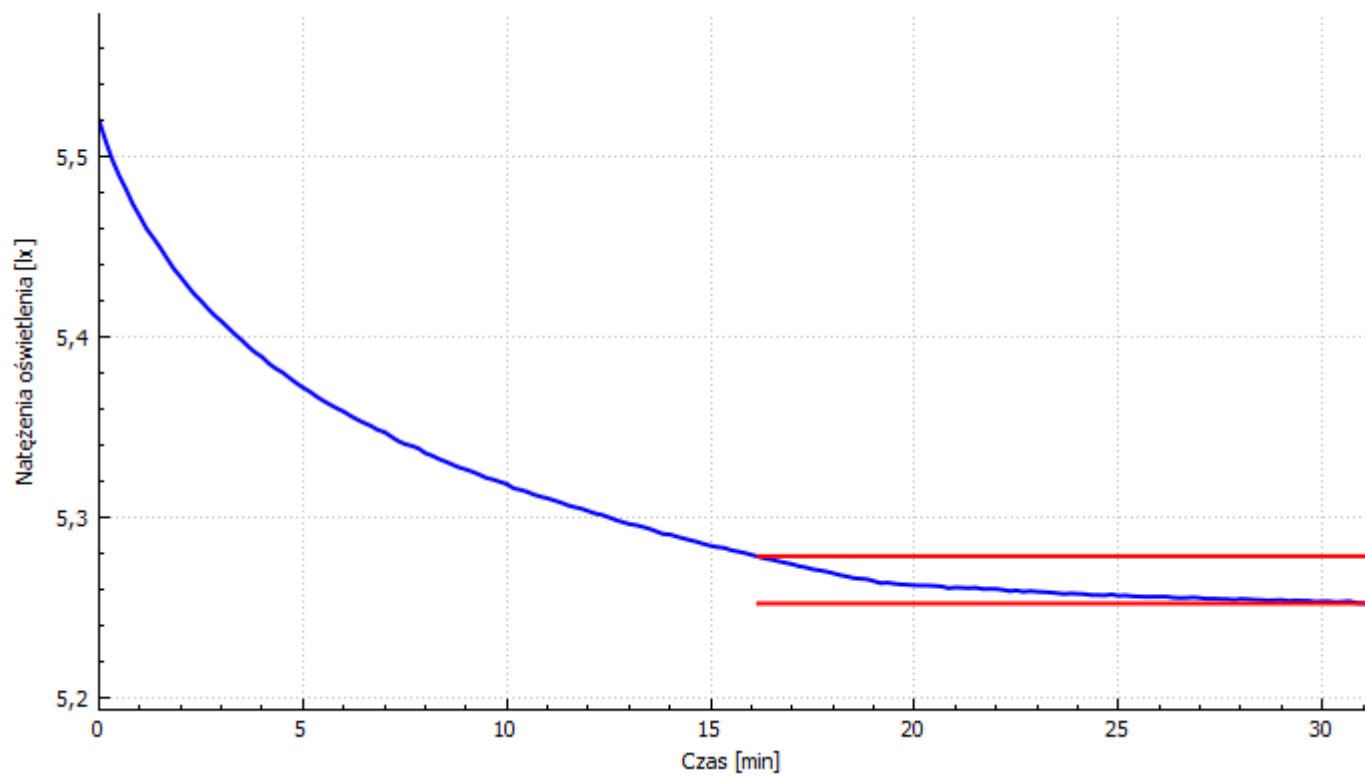
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Stabilization



3D Chart

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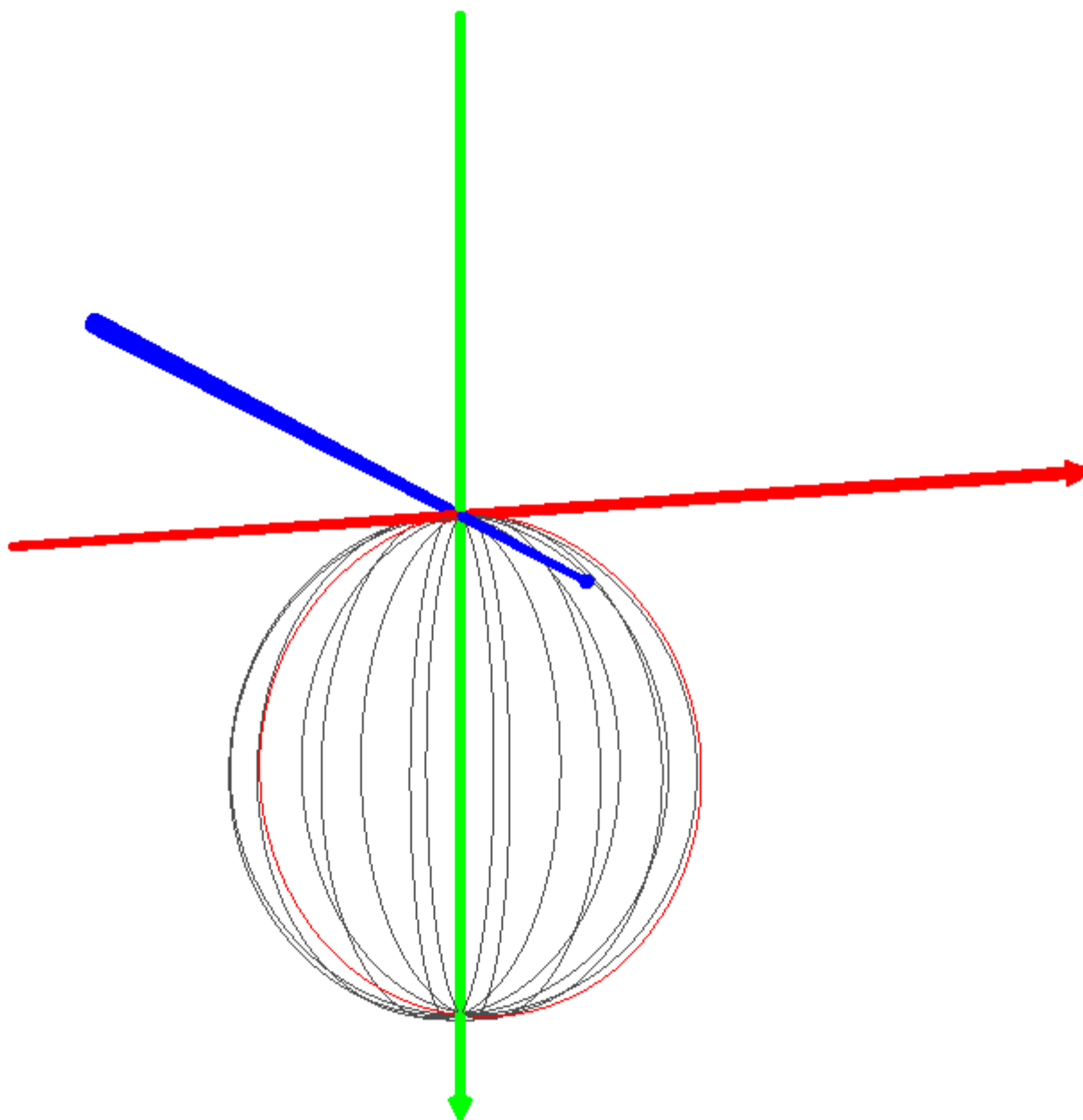
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Legend

- 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
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
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25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
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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