

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*
Model name: *SIENA 20W 3000K CHROME*
Item No: *AZ2220*
Serial No.:
Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *TECH_LED_22*
LuminaireName: *Siena 20W 3000K*
LuminaireNumber: *AZ2220*
FileName: *AZ2220.Idt*
Date: *2020-09-01*

Dimensions of luminaire

Length: *100 mm*
Width: *0 mm*
Height: *250 mm*

Dimensions of luminous area

Length: *55 mm*
Width: *0 mm*
C0-plane *35 mm*
C90-plane *35 mm*
C180-plane *35 mm*
C270-plane *35 mm*

Lamps:

Number of lamps: -1
Type of lamps: LED
Total luminous flux: 1312,41 lm
Color temperatur: 2939.58 K
Color rendering index: 92,68
Wattage including ballast: 19,69 W

Utilization factors:

k = 0.60	0,686
k = 0.80	0,737
k = 1.00	0,790
k = 1.25	0,830
k = 1.50	0,860
k = 2.00	0,914
k = 2.50	0,924
k = 3.00	0,938
k = 4.00	0,959
k = 5.00	0,972

Electrical parameters

U = 229,669 V
 I = 0,228 A
 P = 19,687 W
Power factor = 0,375

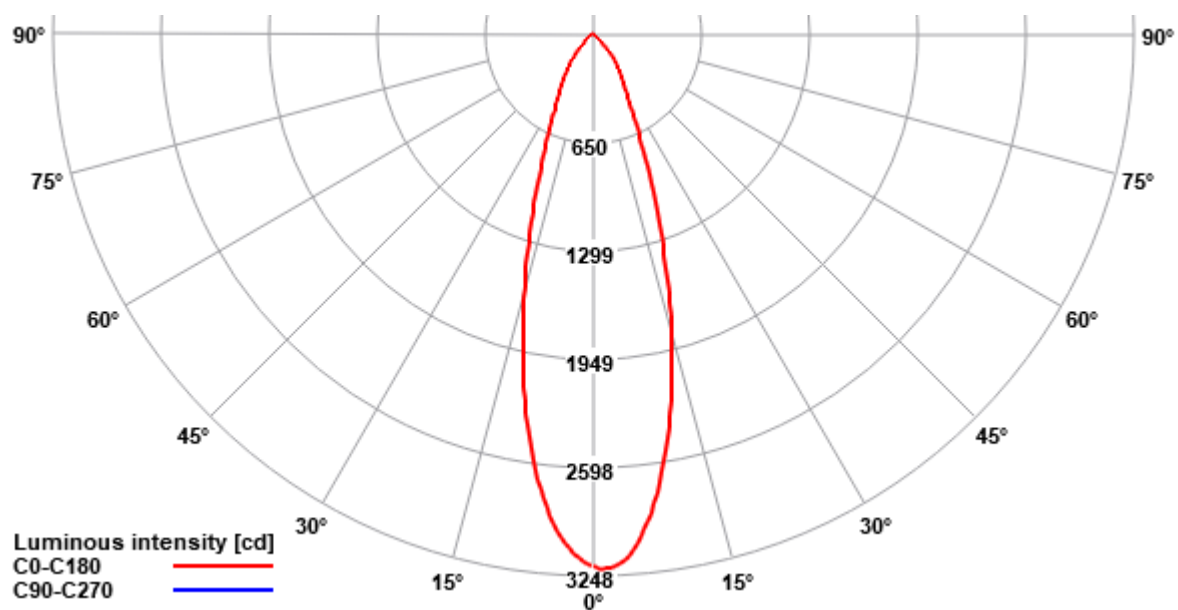
Power apparent = 52,439 VA
Power Reactive = -48,604 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 22 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1312,41 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	3219,23 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	66,65 lm/W

Light intensity distribution diagram



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NIP: 783-171-97-20

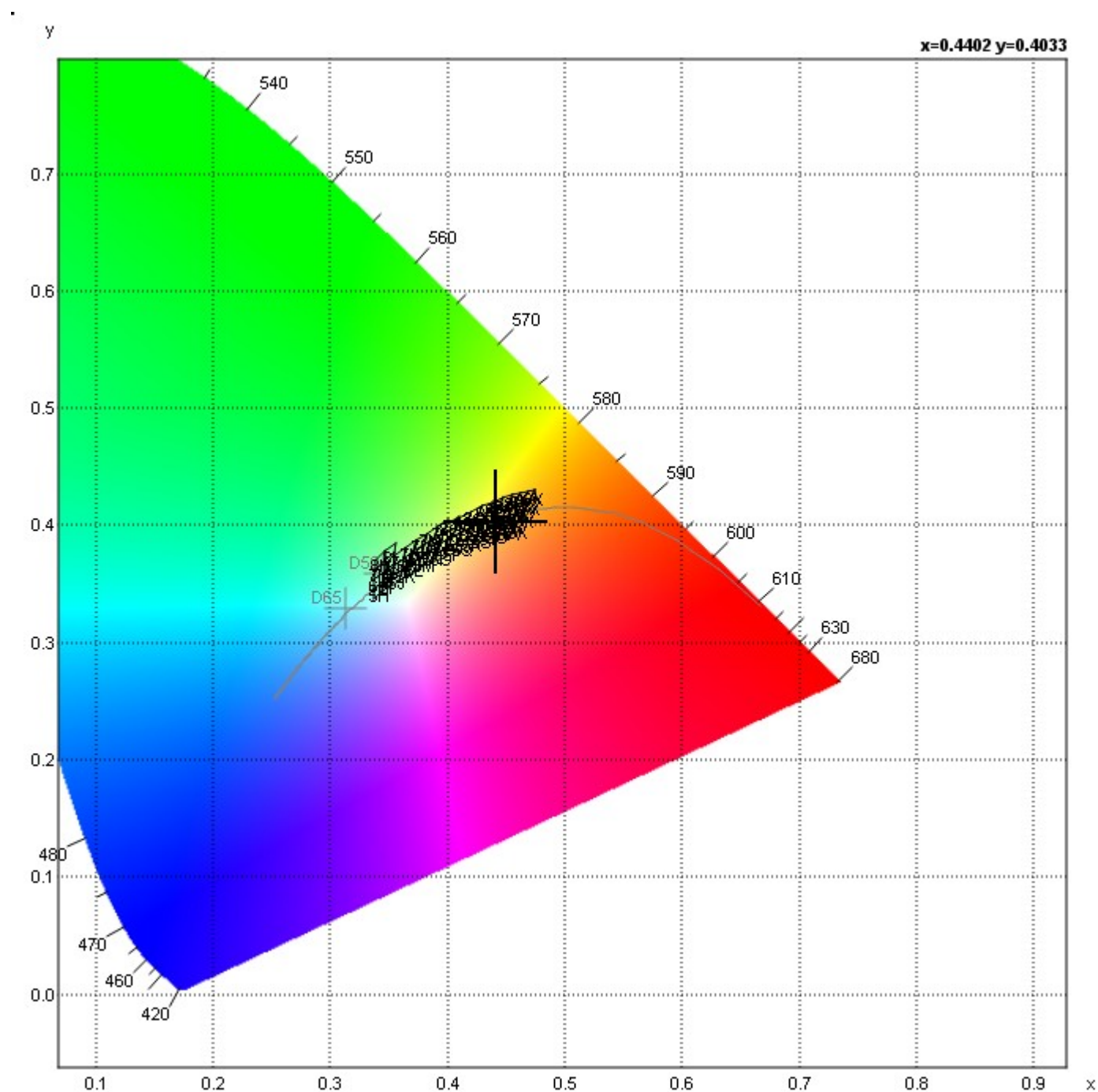
REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

CIE 1931 diagram

x 0,4402
y 0,4033
Angular Colour Uniformity 0,0017



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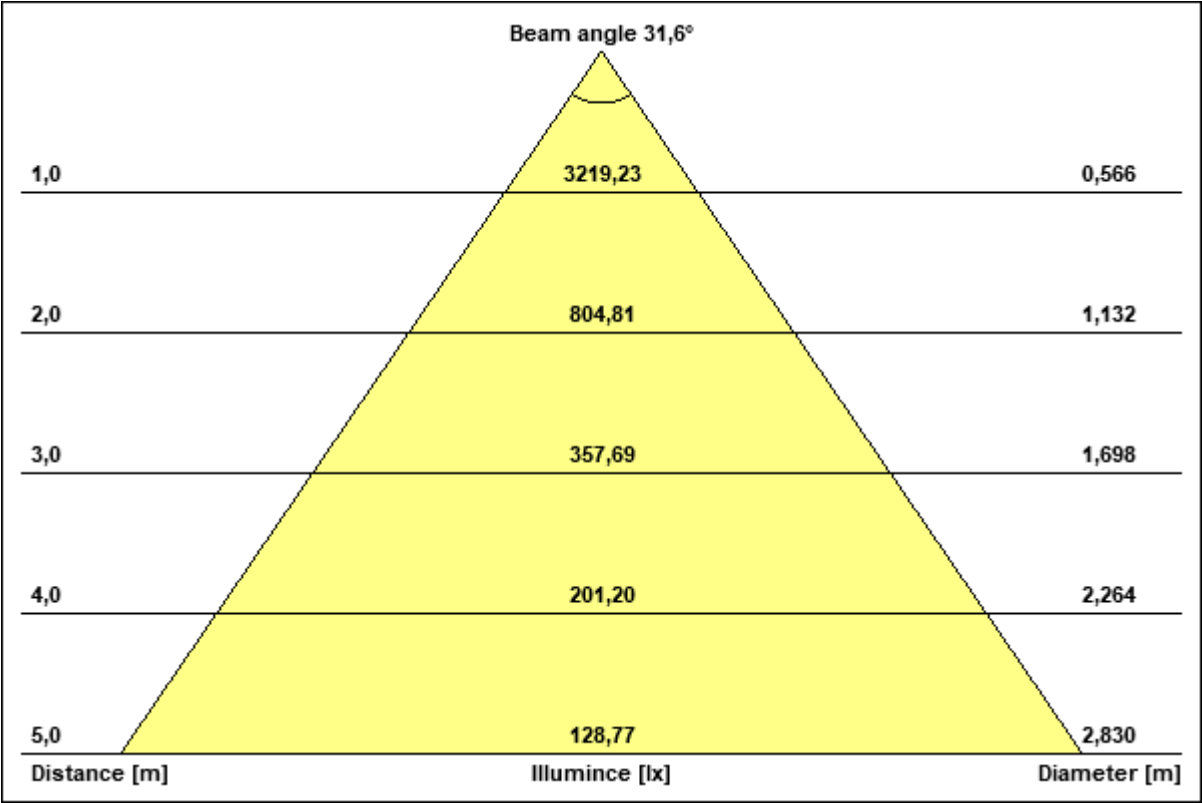
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Beam cone



Stabilization

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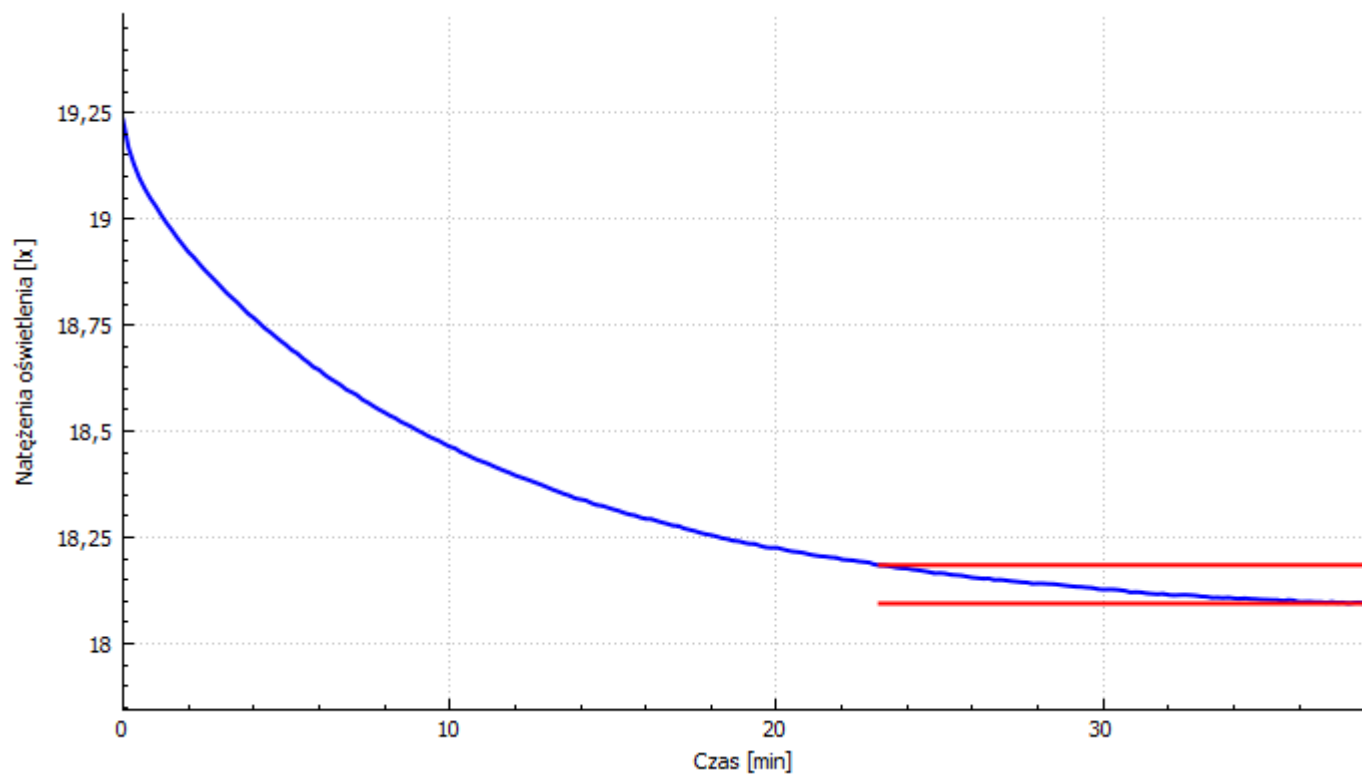
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3D Chart

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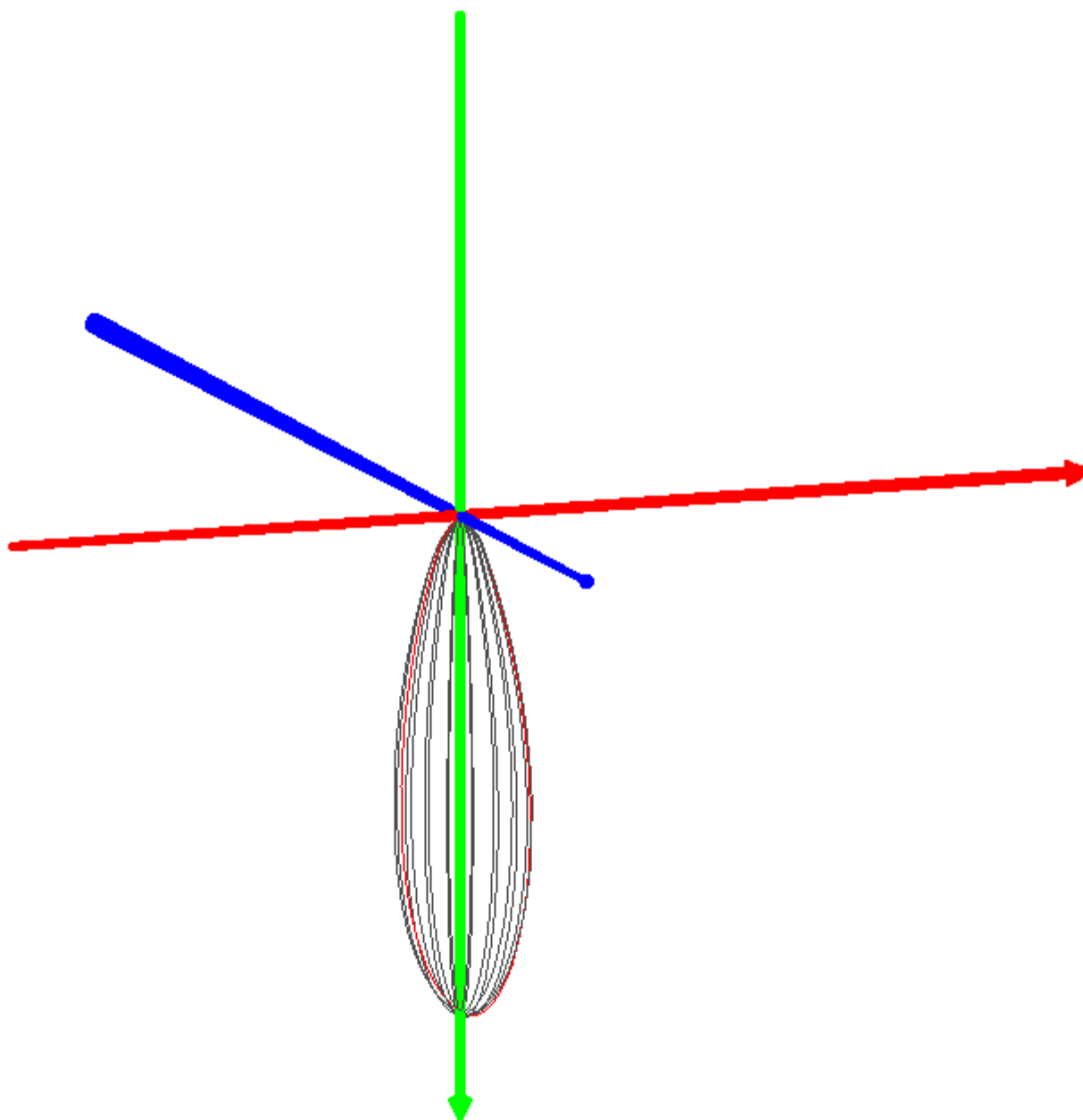
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Legend

- 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
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