

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Sovana TOP 55 CCT 4000*
Item No: *AZ2724*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *1*
LuminaireName: *Sovana 55 CCT 4000K*
LuminaireNumber: *AZ2726*
FileName: *Sovana55CCT4000K_20201028_1223.ldt*
Date: *2020-10-28*

Dimensions of luminaire

Length: *550 mm*
Width: *0 mm*
Height: *110 mm*

Dimensions of luminous area

Length: *525 mm*
Width: *0 mm*
C0-plane *100 mm*
C90-plane *100 mm*
C180-plane *100 mm*
C270-plane *100 mm*

Lamps:

Number of lamps: -1
Type of lamps: LED
Total luminous flux: 2218,45 lm
Color temperatur: 4587.28 K
Color rendering index: 84,26
Wattage including ballast: 42,19 W

Utilization factors:

k = 0.60	0,240
k = 0.80	0,315
k = 1.00	0,383
k = 1.25	0,453
k = 1.50	0,509
k = 2.00	0,598
k = 2.50	0,652
k = 3.00	0,695
k = 4.00	0,755
k = 5.00	0,795

Electrical parameters

U = 229,639 V
 I = 0,190 A
 P = 42,189 W
Power factor = 0,967

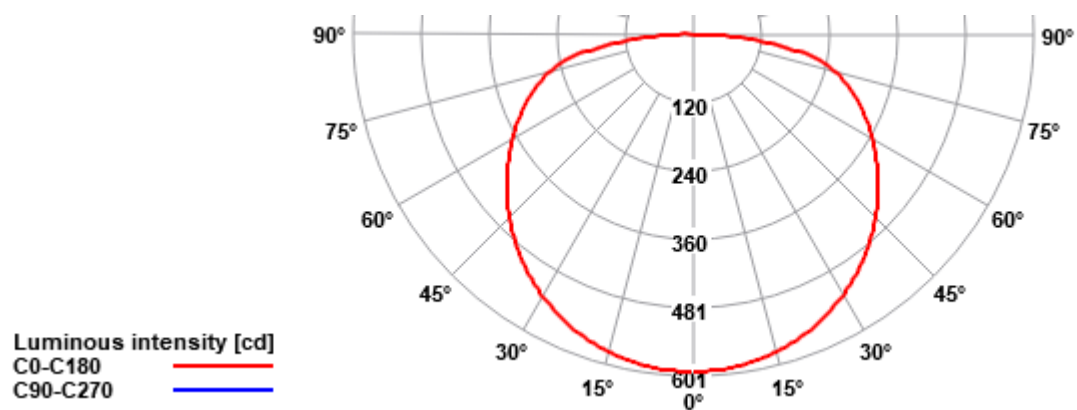
Power apparent = 43,633 VA
Power Reactive = -11,126 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2218,45 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	594,83 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	52,58 lm/W

Light intensity distribution diagram



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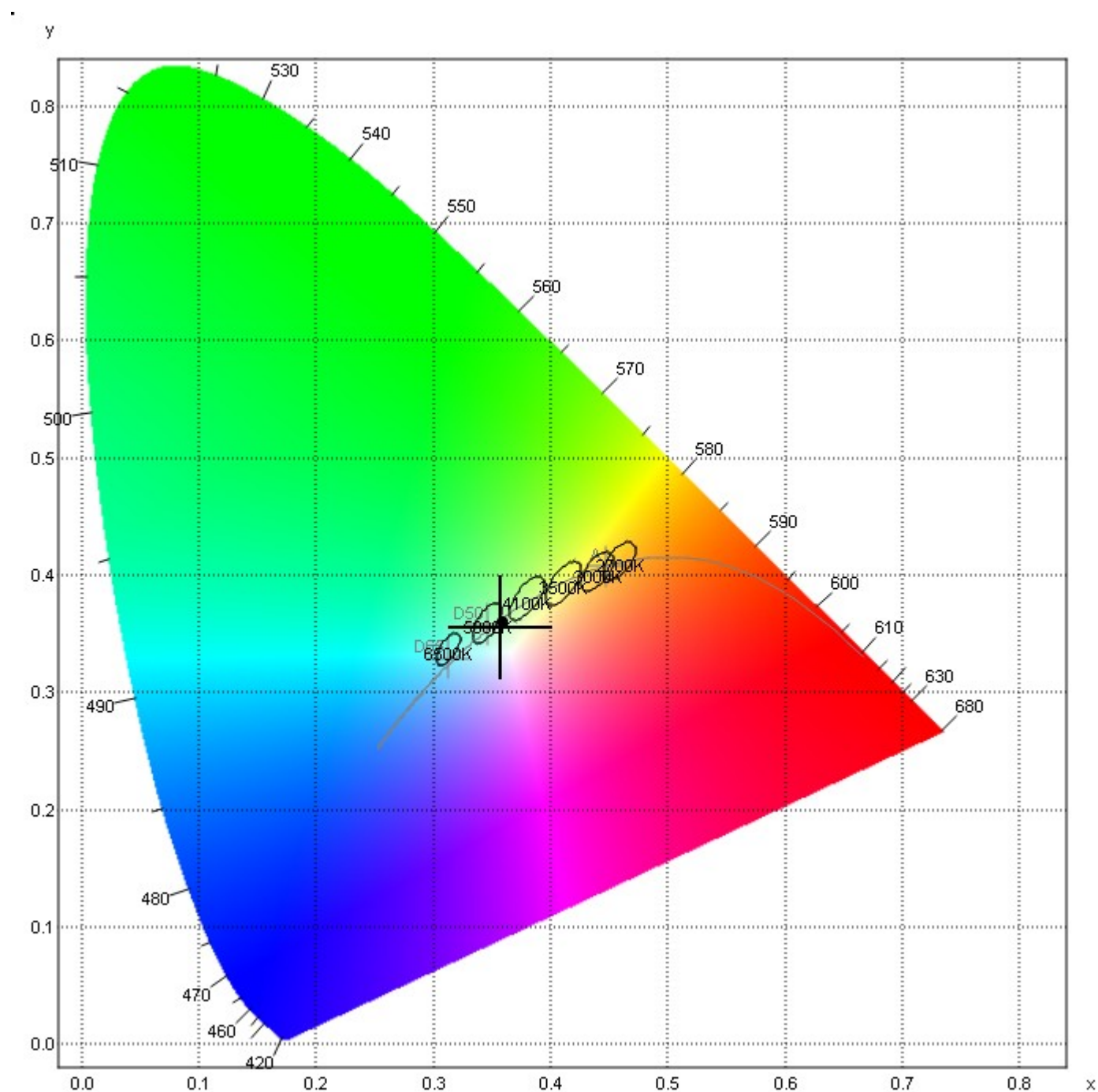
REGON 360317241

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CIE 1931 diagram

x 0,3569
y 0,3559
Angular Colour Uniformity 0,0015



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Beam cone

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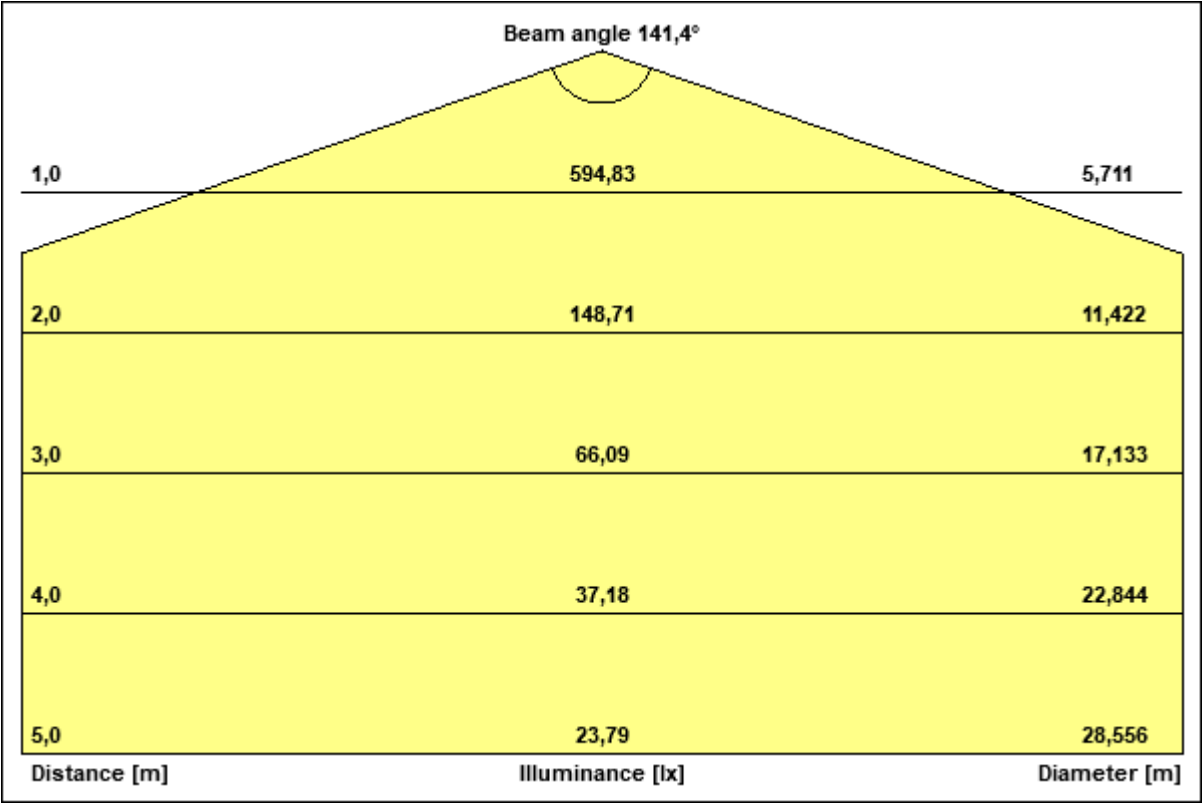
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

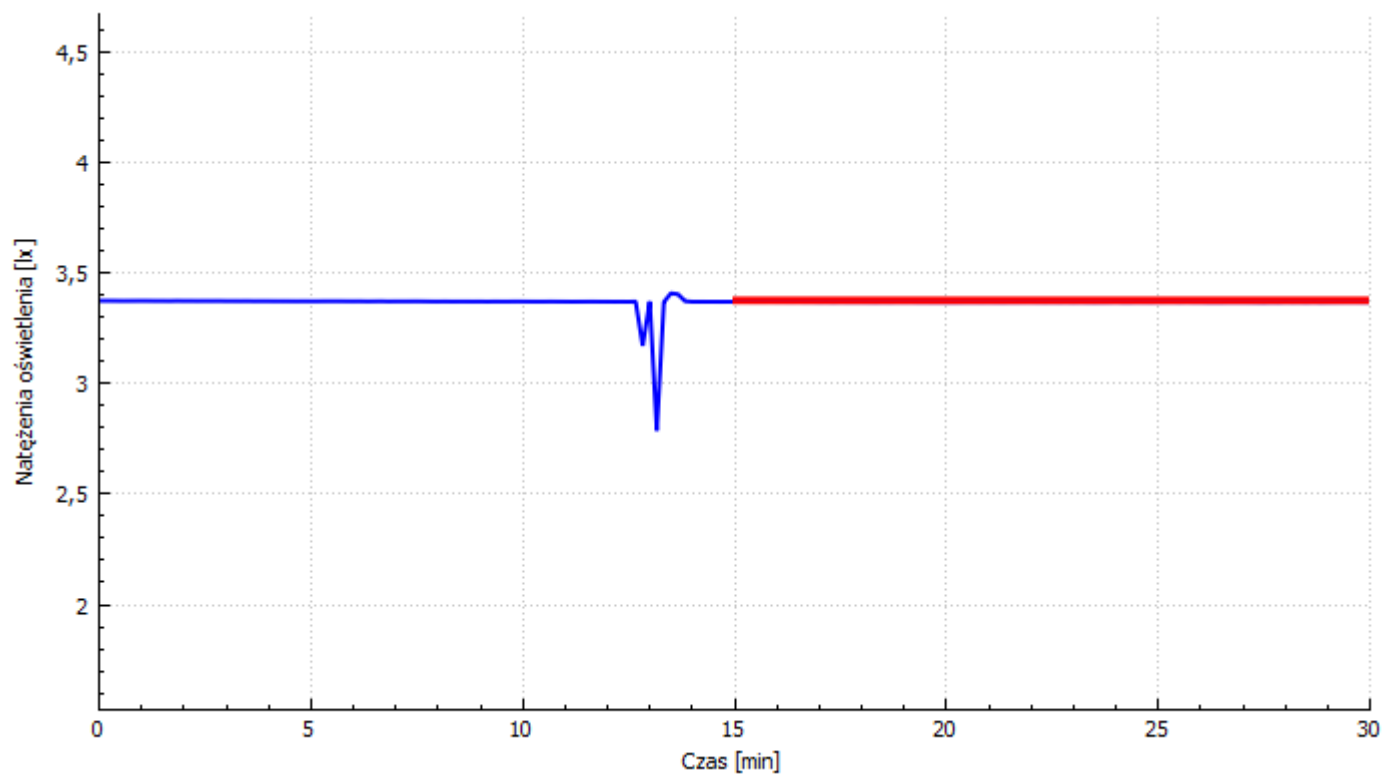
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Stabilization



3D Chart

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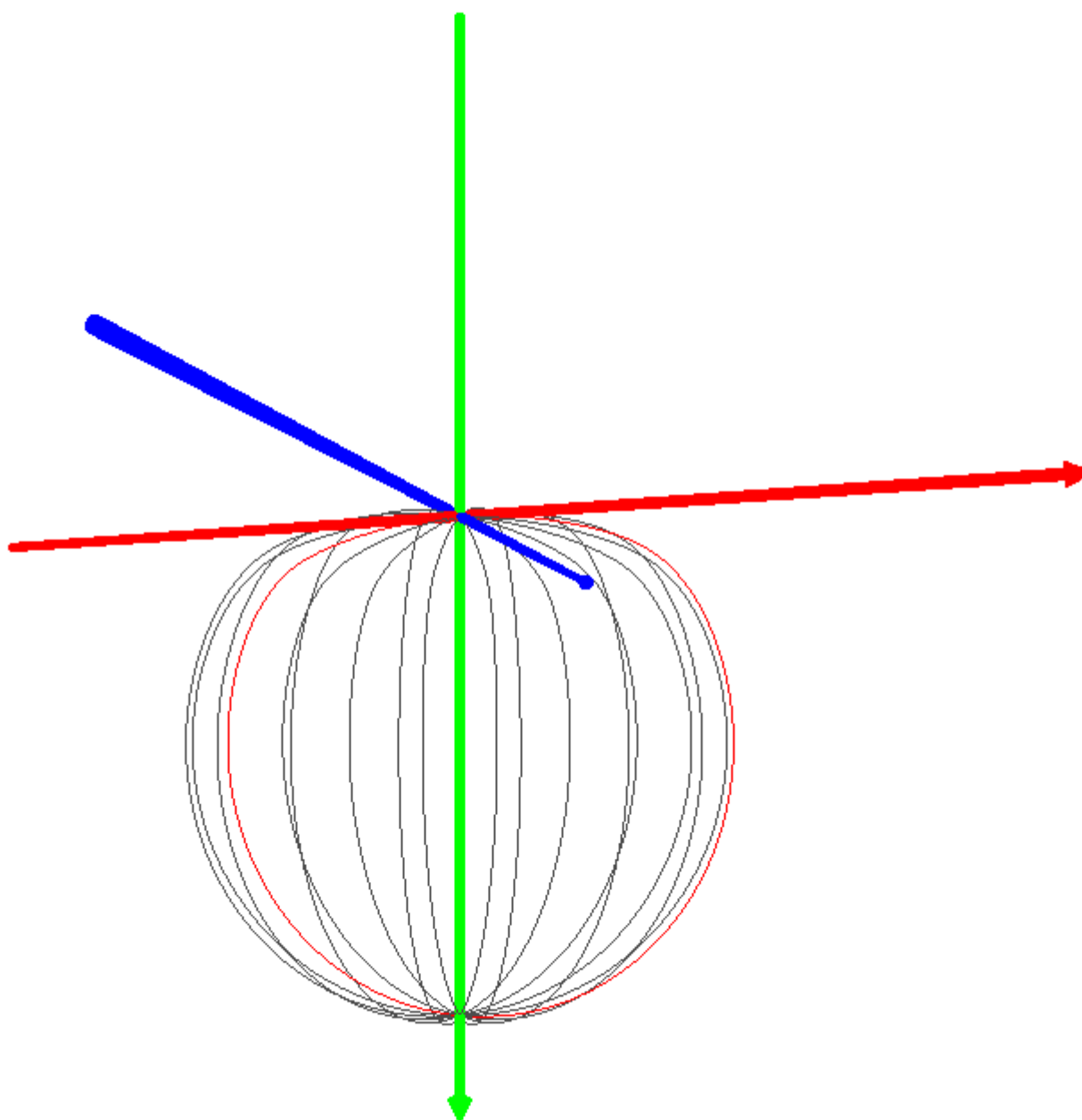
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Legend

- 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
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