

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Sovana TOP 45 CCT 4000*
Item No: *AZ3433*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *1*
LuminaireName: *Sovana 45 CCT 4000K*
LuminaireNumber: *AZ3437*
FileName: *Sovana45CCT4000K_20201028_1605.ldt*
Date: *2020-10-28*

Dimensions of luminaire

Length: *450 mm*
Width: *0 mm*
Height: *110 mm*

Dimensions of luminous area

Length: *425 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: 2206,63 lm
Color temperatur: 4515.54 K
Color rendering index: 84,24
Wattage including ballast: 34,88 W

Utilization factors:

k = 0.60	0,231
k = 0.80	0,305
k = 1.00	0,373
k = 1.25	0,442
k = 1.50	0,499
k = 2.00	0,588
k = 2.50	0,644
k = 3.00	0,688
k = 4.00	0,749
k = 5.00	0,789

Electrical parameters

U = 229,633 V
 I = 0,159 A
 P = 34,881 W
Power factor = 0,955

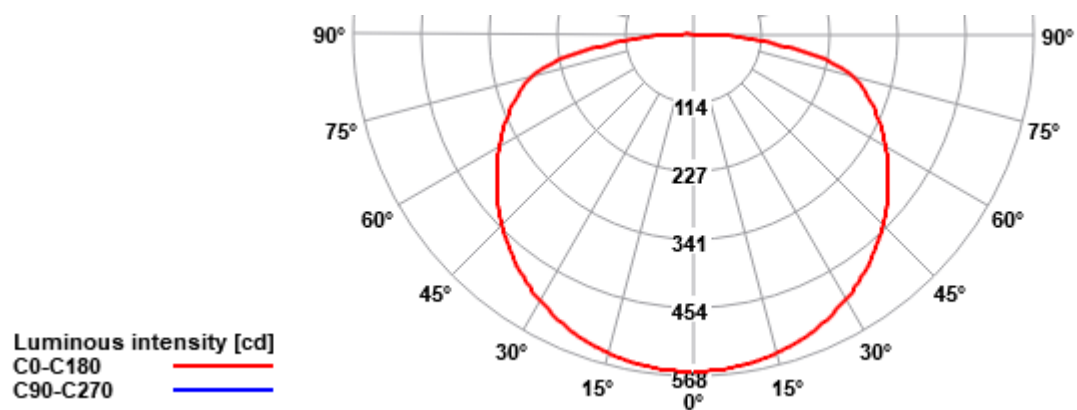
Power apparent = 36,521 VA
Power Reactive = -10,824 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 25 C

Goniometric measurement results

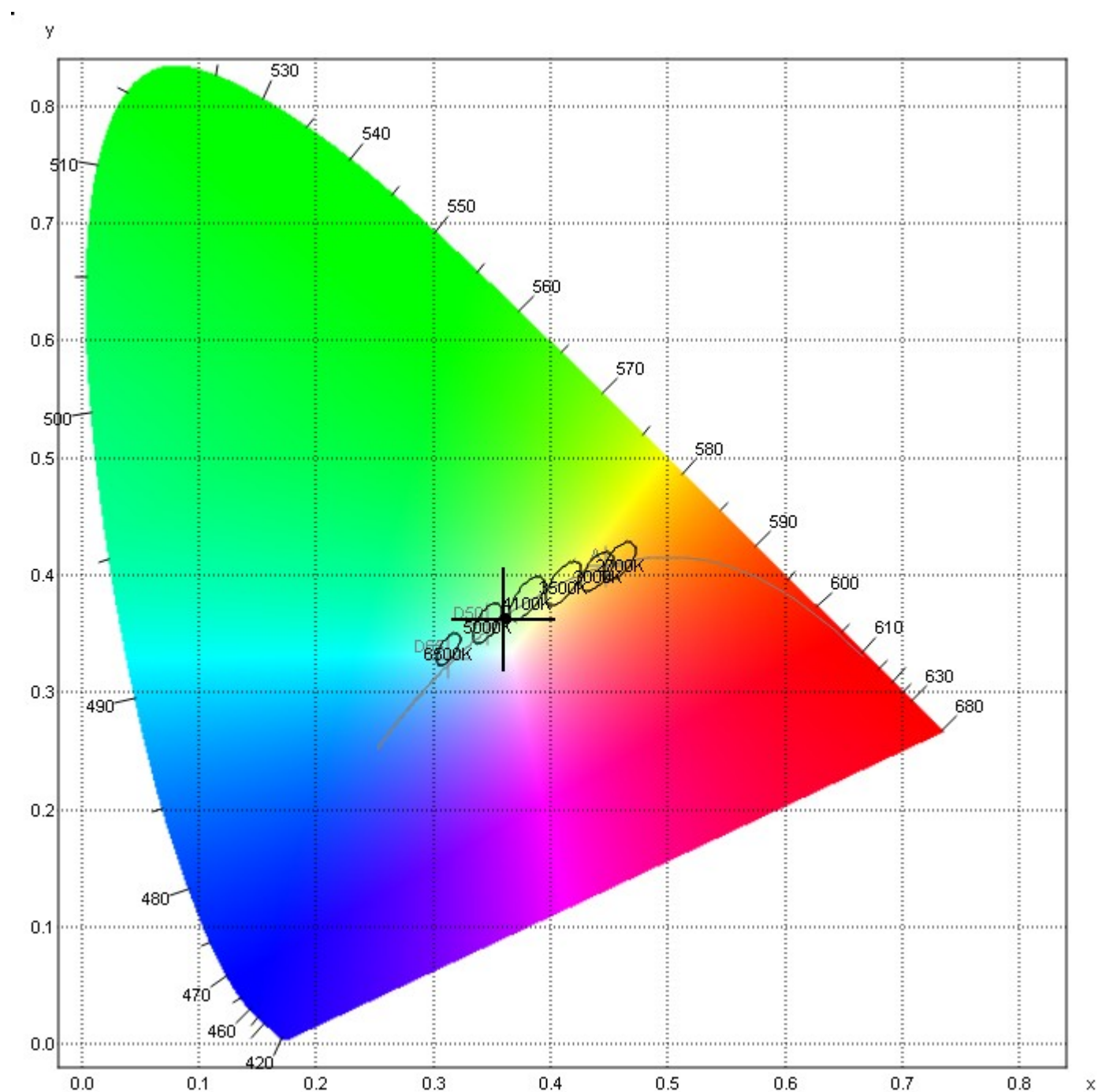
Total flux (utilized luminarie flux)	2206,63 <i>lm</i>
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	562,01 <i>cd</i>
Light output ratio (LOR)	100,00 %
Luminous efficacy	63,26 <i>lm/W</i>

Light intensity distribution diagram



CIE 1931 diagram

x 0,3601
y 0,3623
Angular Colour Uniformity 0,0015



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Raiffeisen Bank Polska S.A.

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

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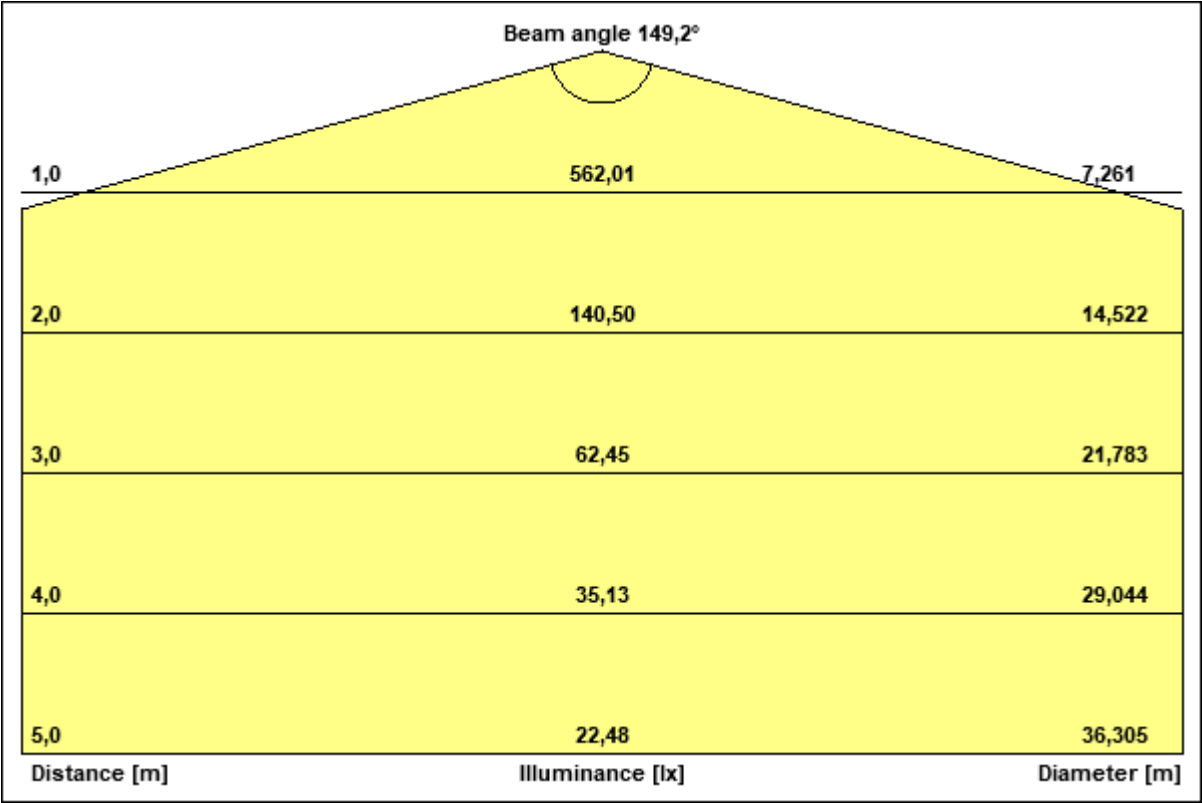
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

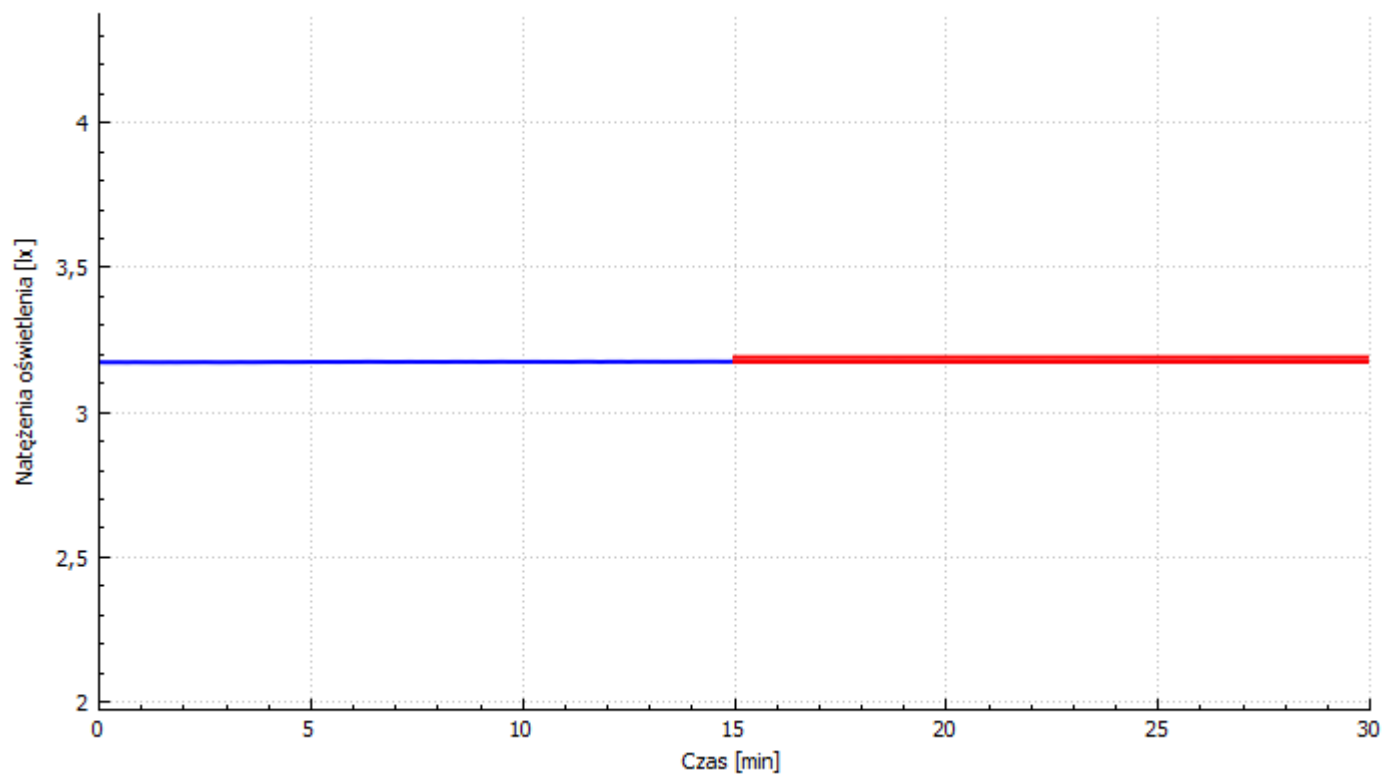
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Stabilization



3D Chart

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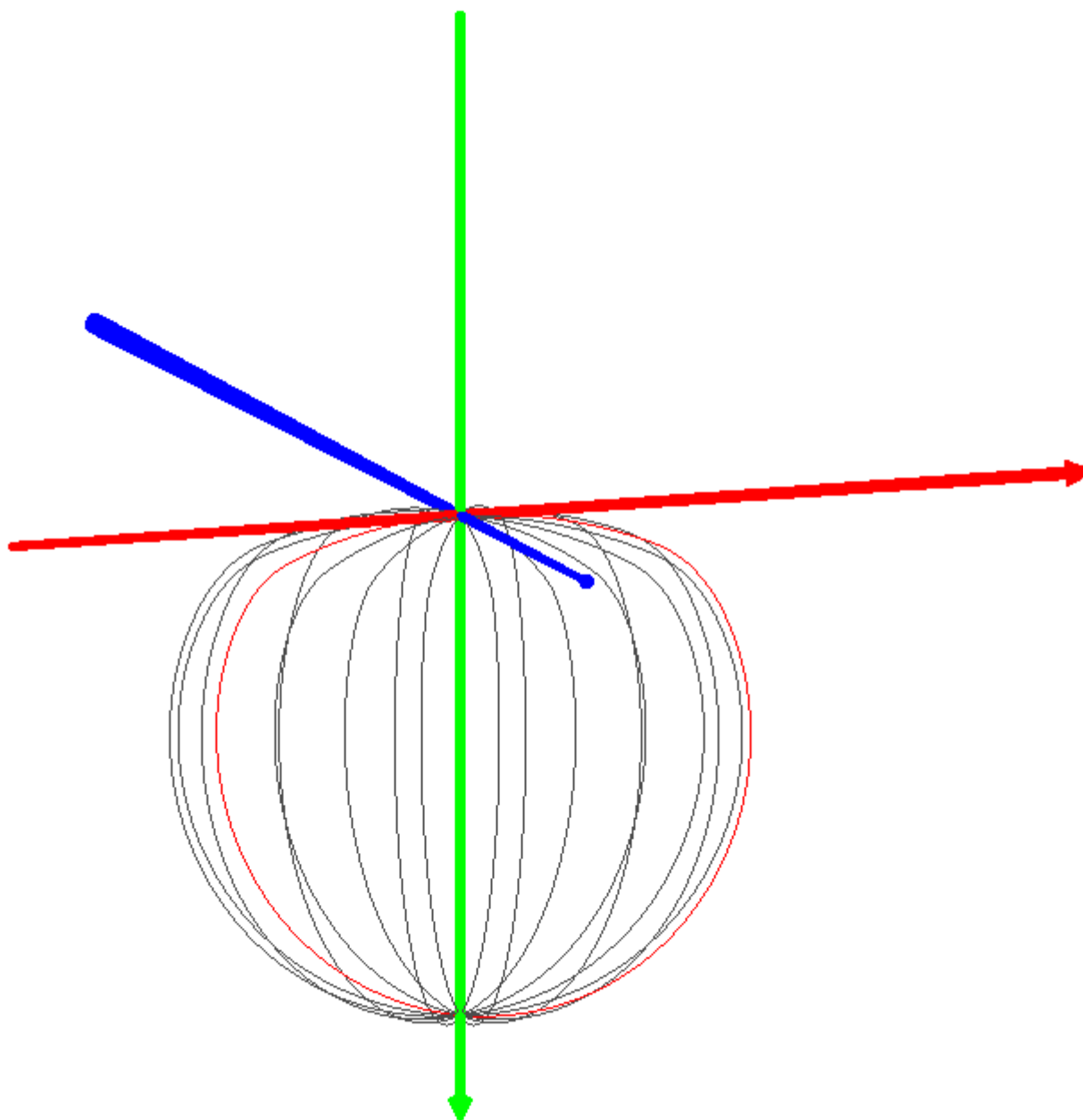
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Legend

- 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
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19	0	0	0
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21	0	0	0
22	0	0	0
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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