

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Sovana TOP 45 CCT 3000*
Item No: *AZ3433*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *1*
LuminaireName: *Sovana 45 CCT 3000K*
LuminaireNumber: *AZ3437*
FileName: *Sovana45CCT3000K_20201028_1505.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: 2079,03 lm
Color temperatur: 2783.24 K
Color rendering index: 82,52
Wattage including ballast: 37,77 W

Utilization factors:

k = 0.60	0,221
k = 0.80	0,294
k = 1.00	0,361
k = 1.25	0,431
k = 1.50	0,488
k = 2.00	0,579
k = 2.50	0,636
k = 3.00	0,681
k = 4.00	0,744
k = 5.00	0,786

Electrical parameters

U = 229,605 V
 I = 0,171 A
 P = 37,769 W
Power factor = 0,960

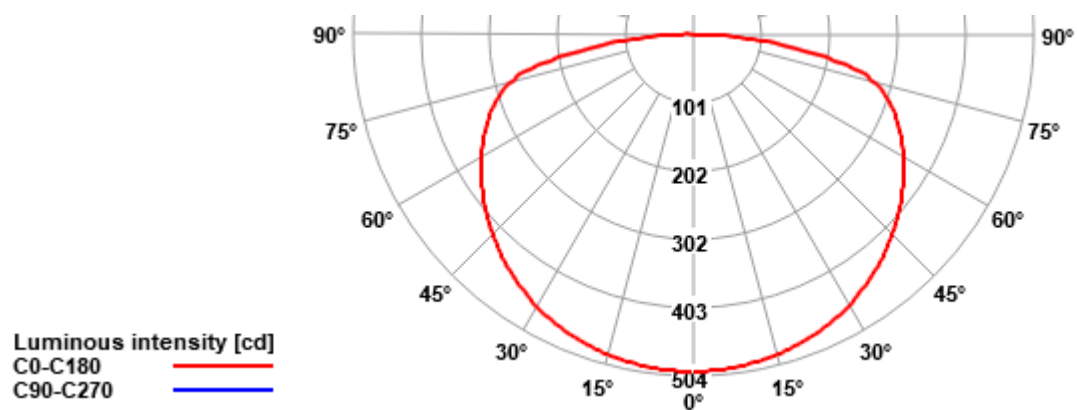
Power apparent = 39,338 VA
Power Reactive = -10,990 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 25 C

Goniometric measurement results

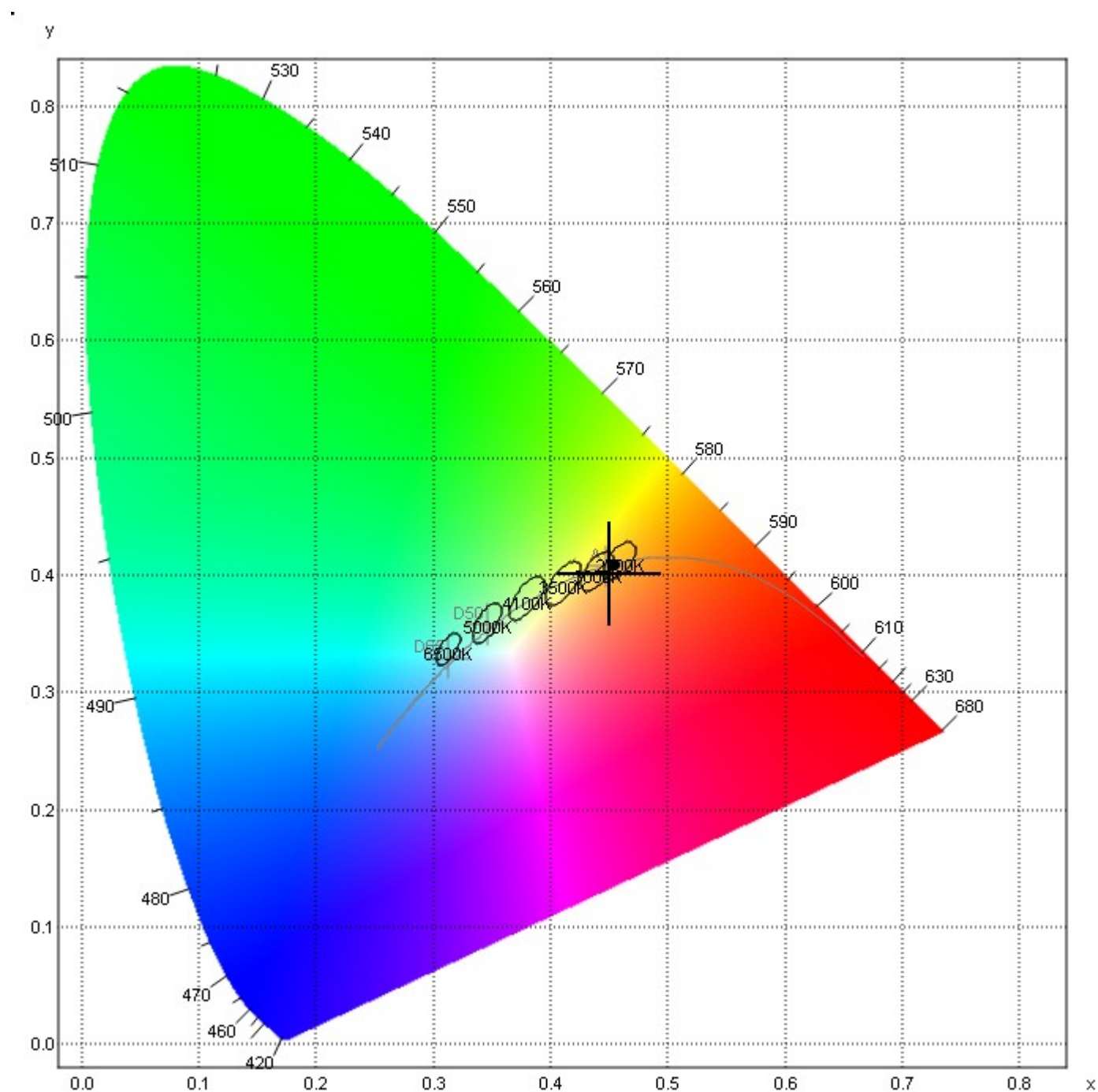
Total flux (utilized luminarie flux)	2079,03 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	498,81 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	55,04 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4491
y 0,4015
Angular Colour Uniformity 0,0018



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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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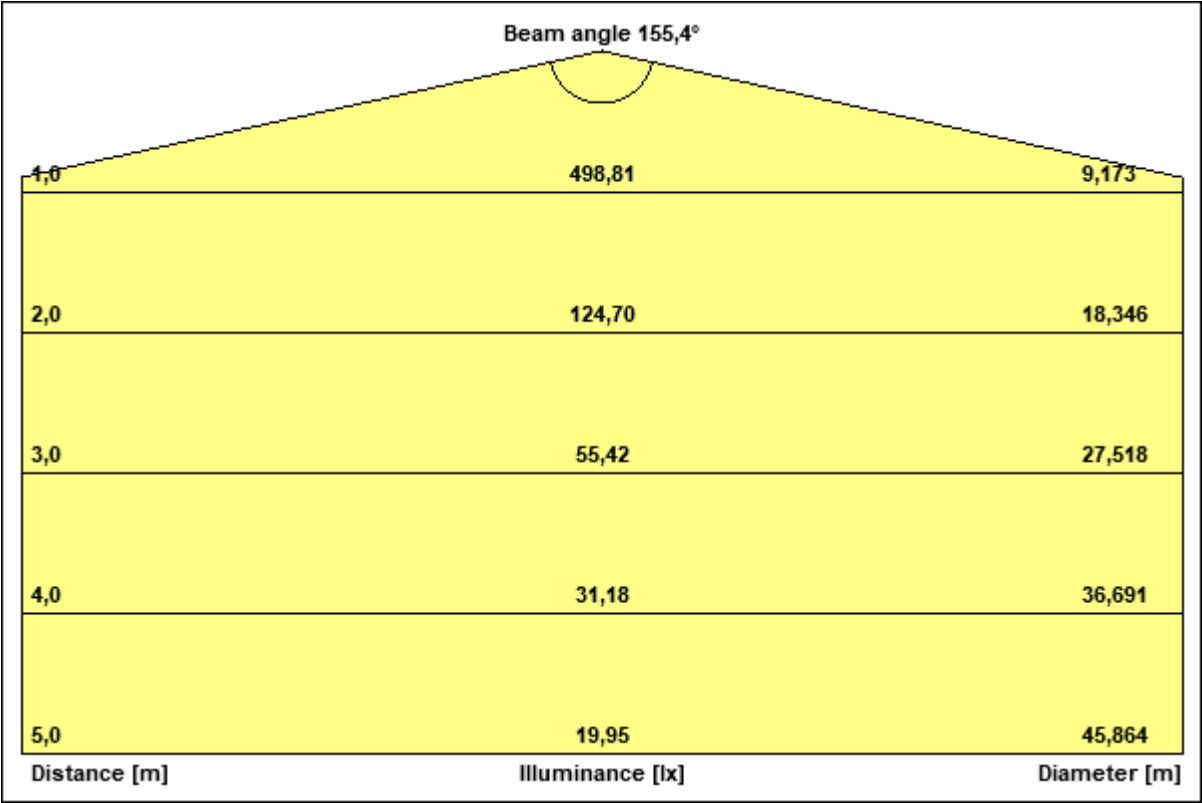
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

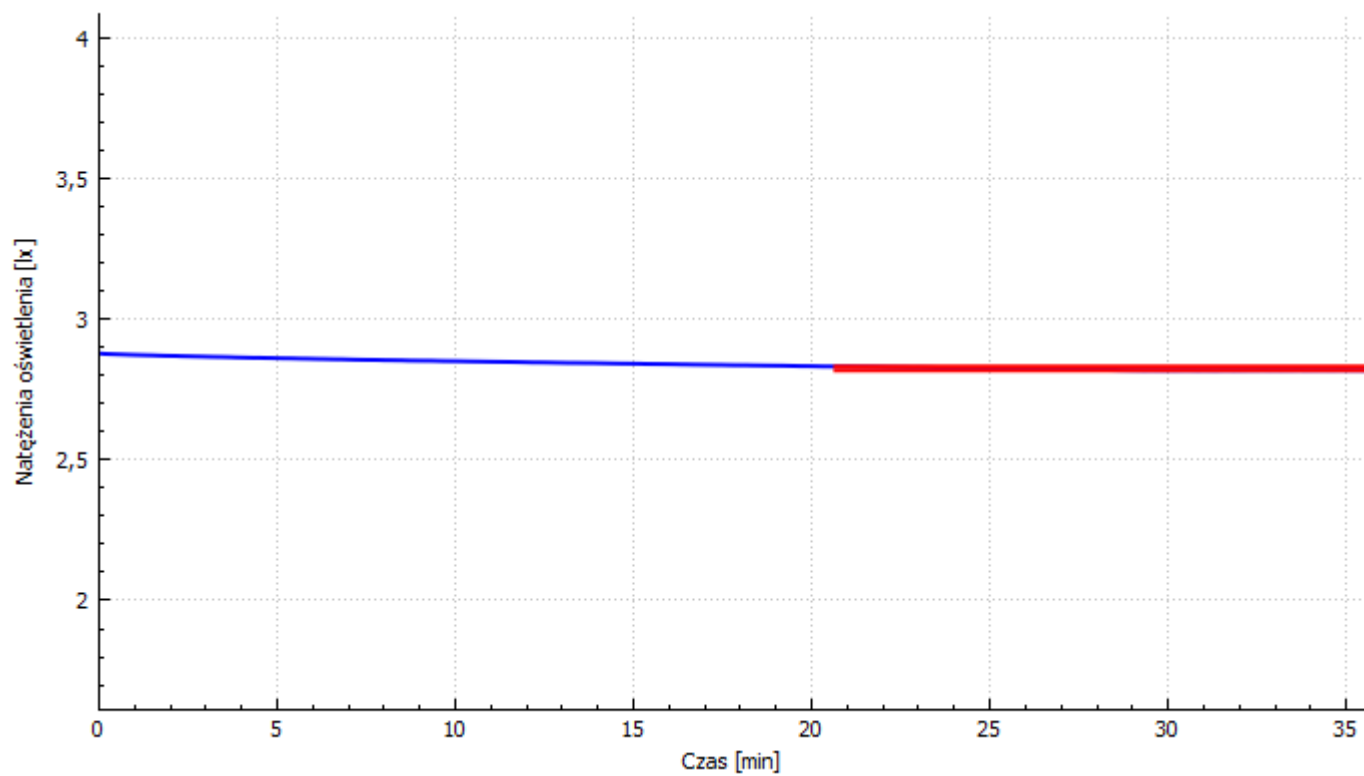
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Stabilization



3D Chart

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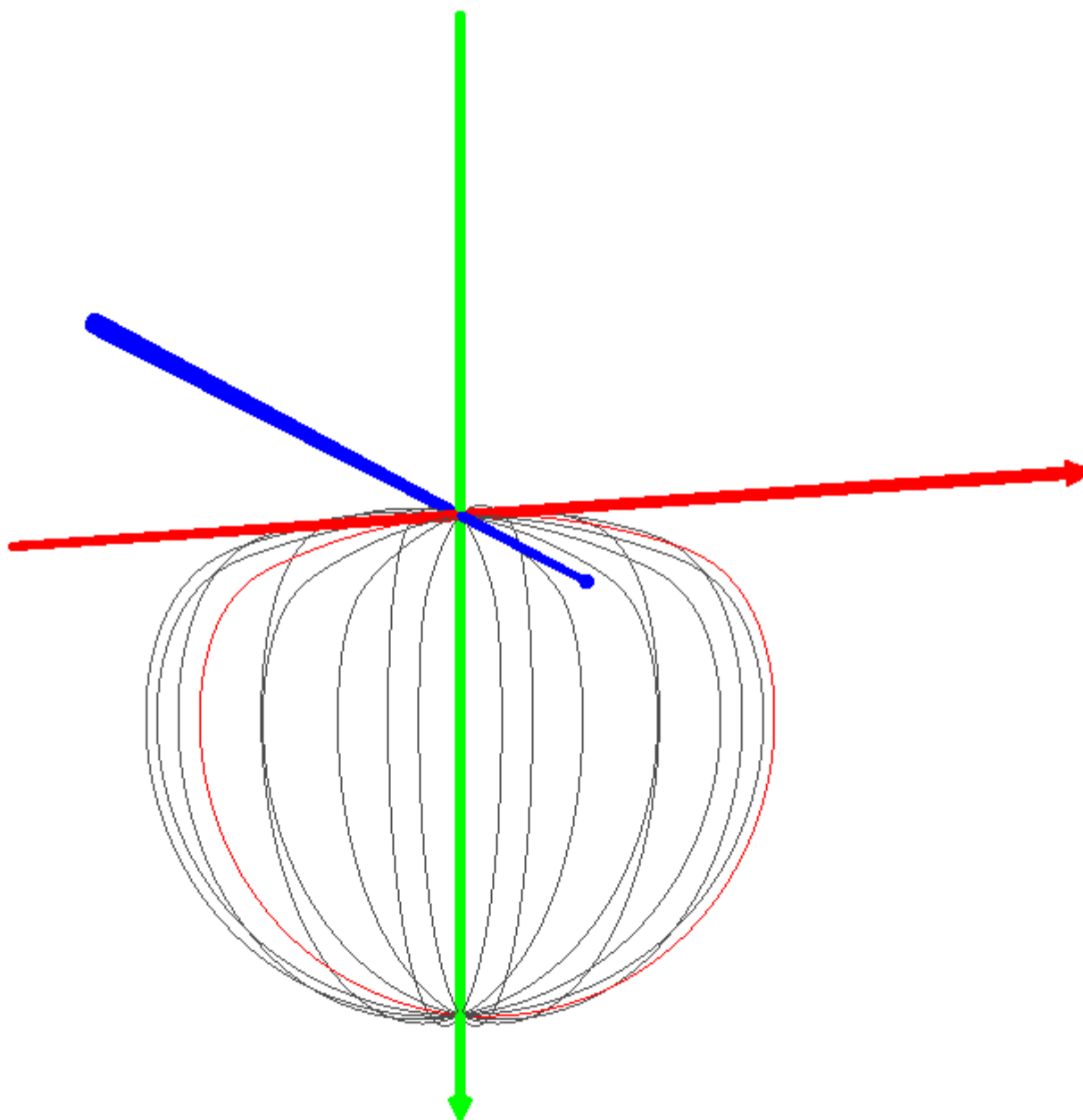
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Legend

- - 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
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14	0	0	0
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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