

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Sovana TOP 55 CCT 3000*
Item No: *AZ2724*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *1*
LuminaireName: *Sovana 55 CCT 3000K*
LuminaireNumber: *AZ2726*
FileName: *Sovana55CCT3000K_20201028_1137.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: 2239,80 lm
Color temperatur: 2808.39 K
Color rendering index: 81,41
Wattage including ballast: 47,78 W

Utilization factors:

k = 0.60	0,241
k = 0.80	0,316
k = 1.00	0,384
k = 1.25	0,454
k = 1.50	0,510
k = 2.00	0,599
k = 2.50	0,654
k = 3.00	0,696
k = 4.00	0,756
k = 5.00	0,795

Electrical parameters

U = 229,628 V
 I = 0,214 A
 P = 47,778 W
Power factor = 0,971

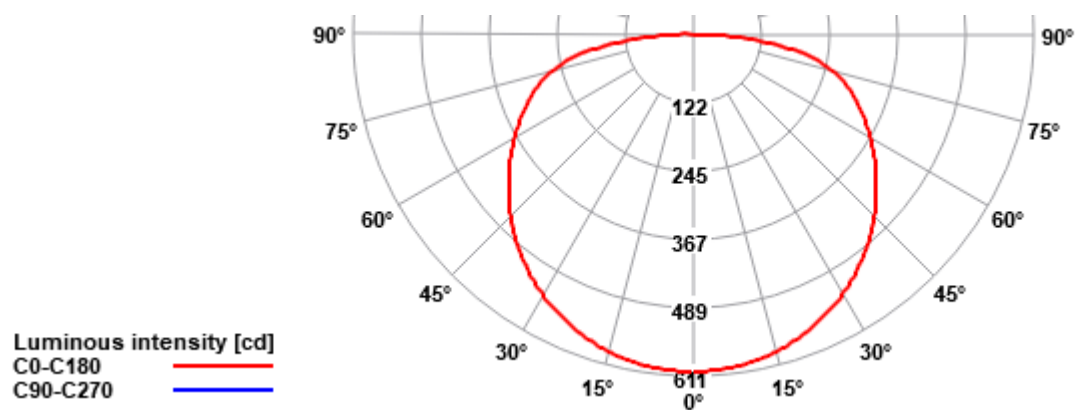
Power apparent = 49,232 VA
Power Reactive = -11,820 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 25 C

Goniometric measurement results

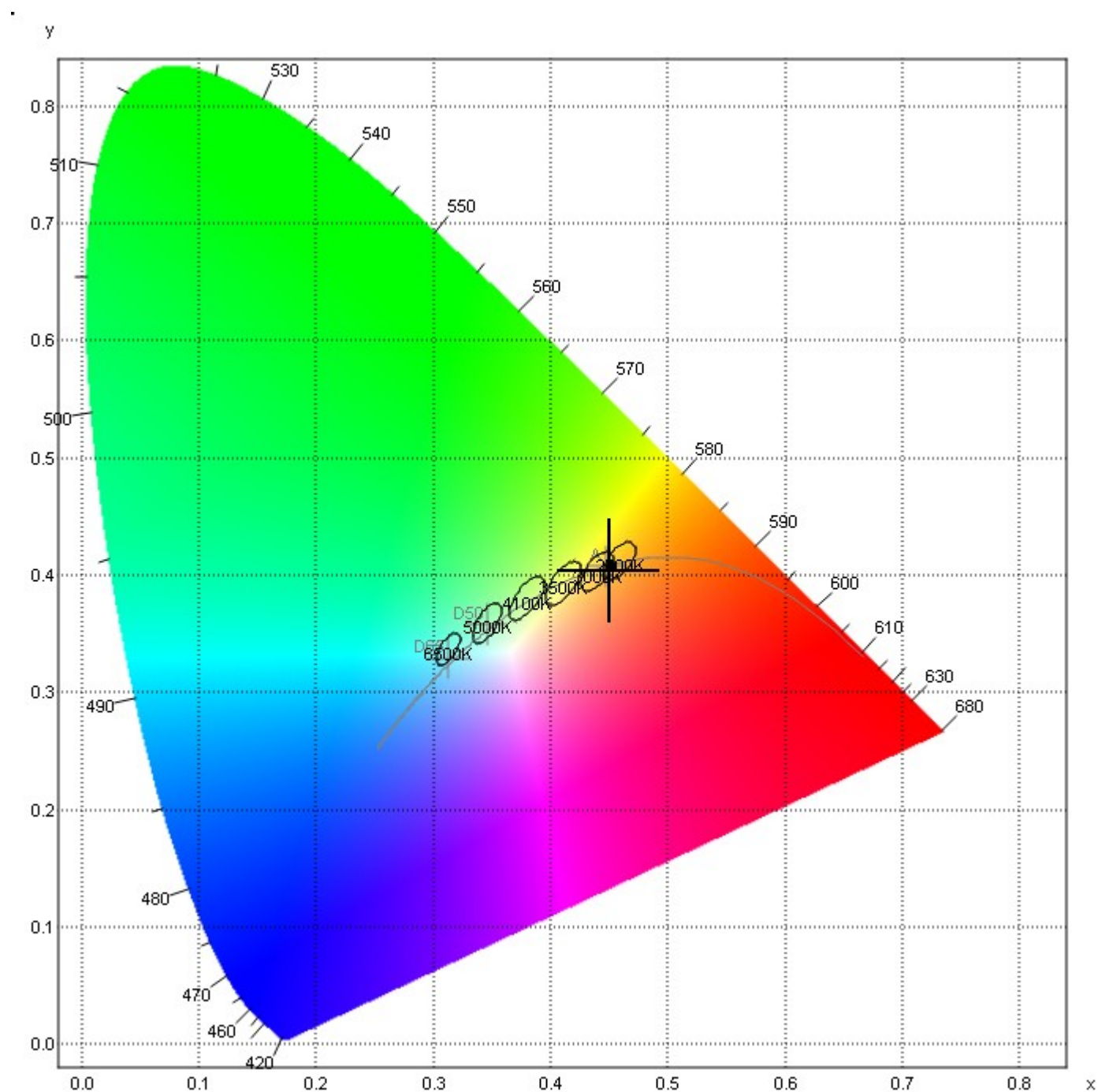
Total flux (utilized luminarie flux)	2239,80 <i>lm</i>
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	605,39 <i>cd</i>
Light output ratio (LOR)	100,00 %
Luminous efficacy	46,88 <i>lm/W</i>

Light intensity distribution diagram



CIE 1931 diagram

x 0,4491
y 0,4045
Angular Colour Uniformity 0,0007



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PLN: IBAN 78 1750 0012 0000 0000 2709 9432

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SWIFT BIC: RCBWPLPW

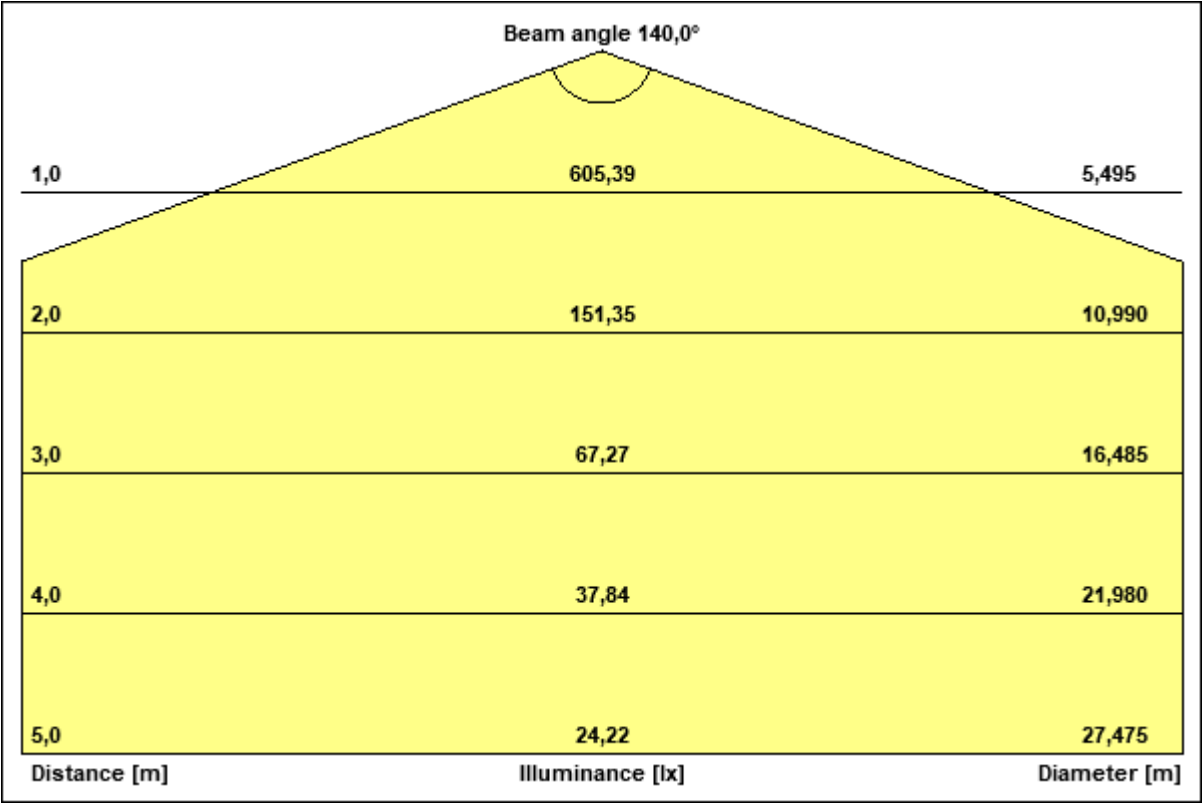
NIP: 783-171-97-20

REGON 360317241

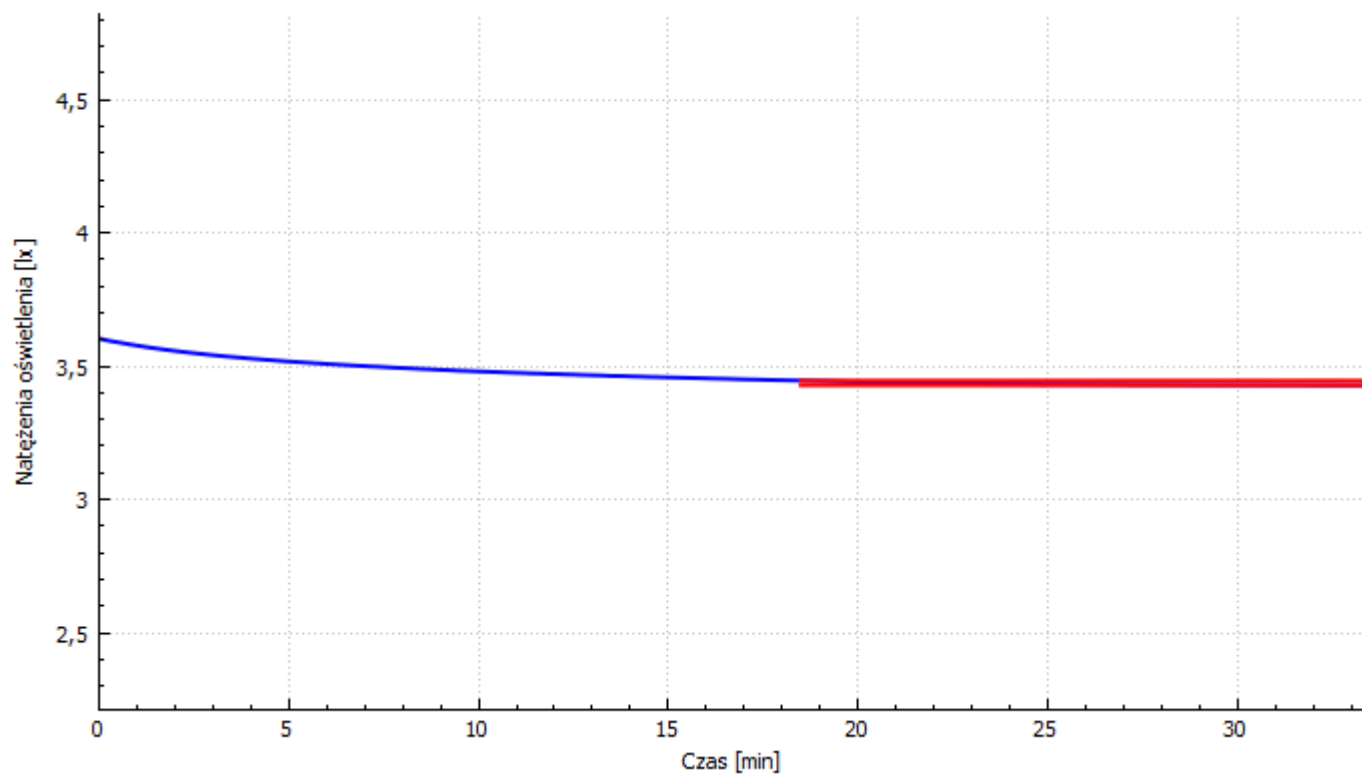
KRS: 0000537079

Kapitał 200.000 PLN

Beam cone



Stabilization



3D Chart

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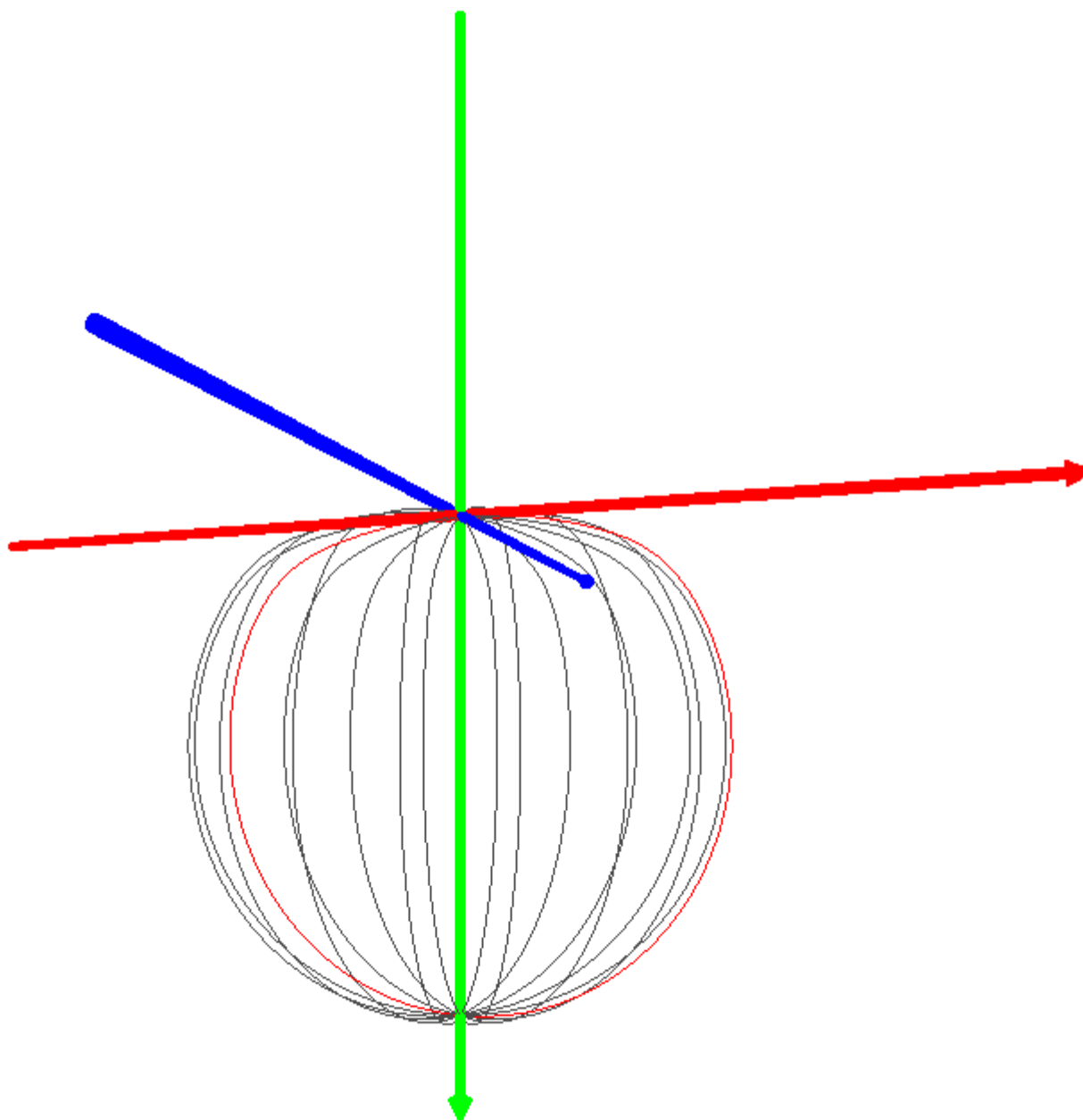
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Legend

- 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
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19	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