

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Sovana TOP 45 CCT 6000*
Item No: *AZ3433*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *1*
LuminaireName: *Sovana 45 CCT 6000K*
LuminaireNumber: *AZ3437*
FileName: *Sovana45CCT6000K_20201029_0829.ldt*
Date: *2020-10-29*

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: 2515,06 lm
Color temperatur: 5422 K
Color rendering index: 81,84
Wattage including ballast: 38,64 W

Utilization factors:

k = 0.60	0,234
k = 0.80	0,309
k = 1.00	0,377
k = 1.25	0,446
k = 1.50	0,502
k = 2.00	0,592
k = 2.50	0,647
k = 3.00	0,690
k = 4.00	0,751
k = 5.00	0,791

Electrical parameters

<i>U</i>	= 229,548 V
<i>I</i>	= 0,175 A
<i>P</i>	= 38,642 W
<i>Power factor</i>	= 0,962

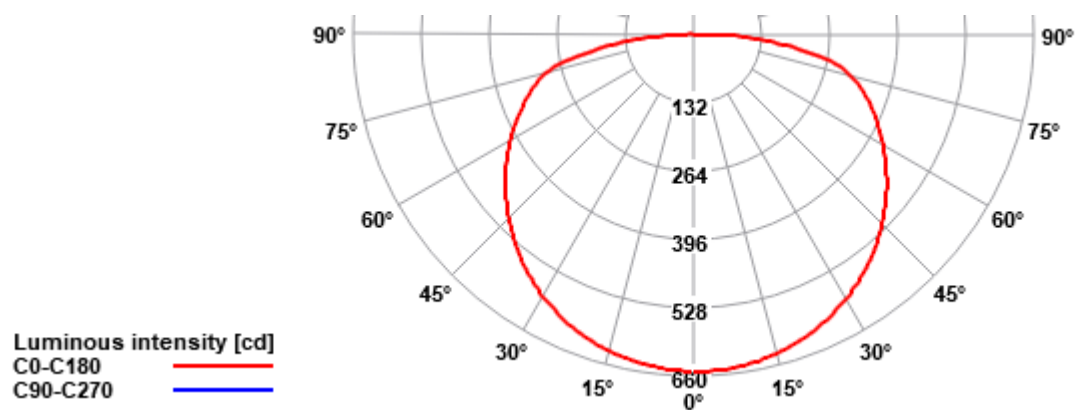
<i>Power apparent</i>	= 40,172 VA
<i>Power Reactive</i>	= -10,992 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 0,000 %

Temperature = 25 C

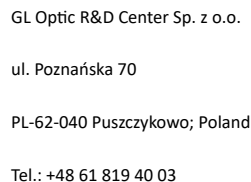
Goniometric measurement results

Total flux (utilized luminarie flux)	2515,06 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	654,49 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	65,09 lm/W

Light intensity distribution diagram



x	0,3345
y	0,3504
Angular Colour Uniformity	0,0015



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REGON 360317241

KRS: 0000537079

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Beam cone

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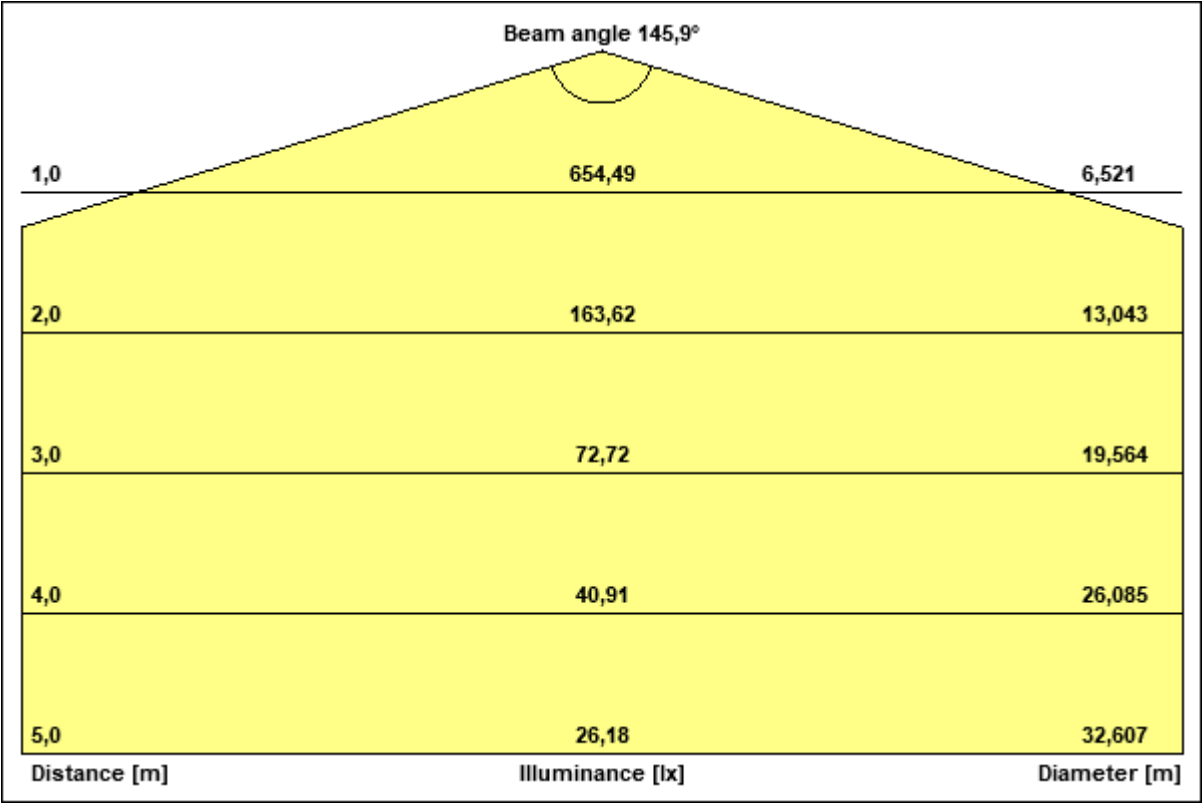
SWIFT BIC: RCBWPLPW

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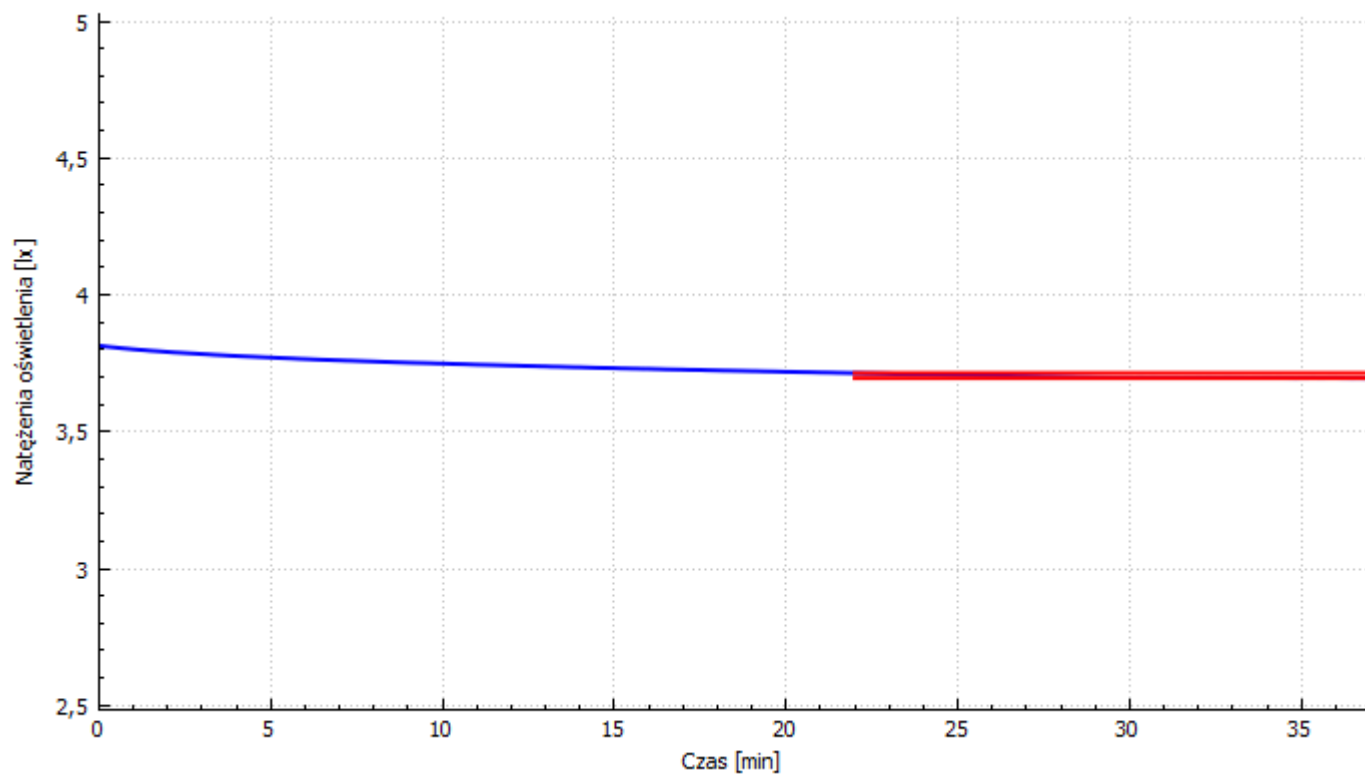
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Stabilization



3D Chart

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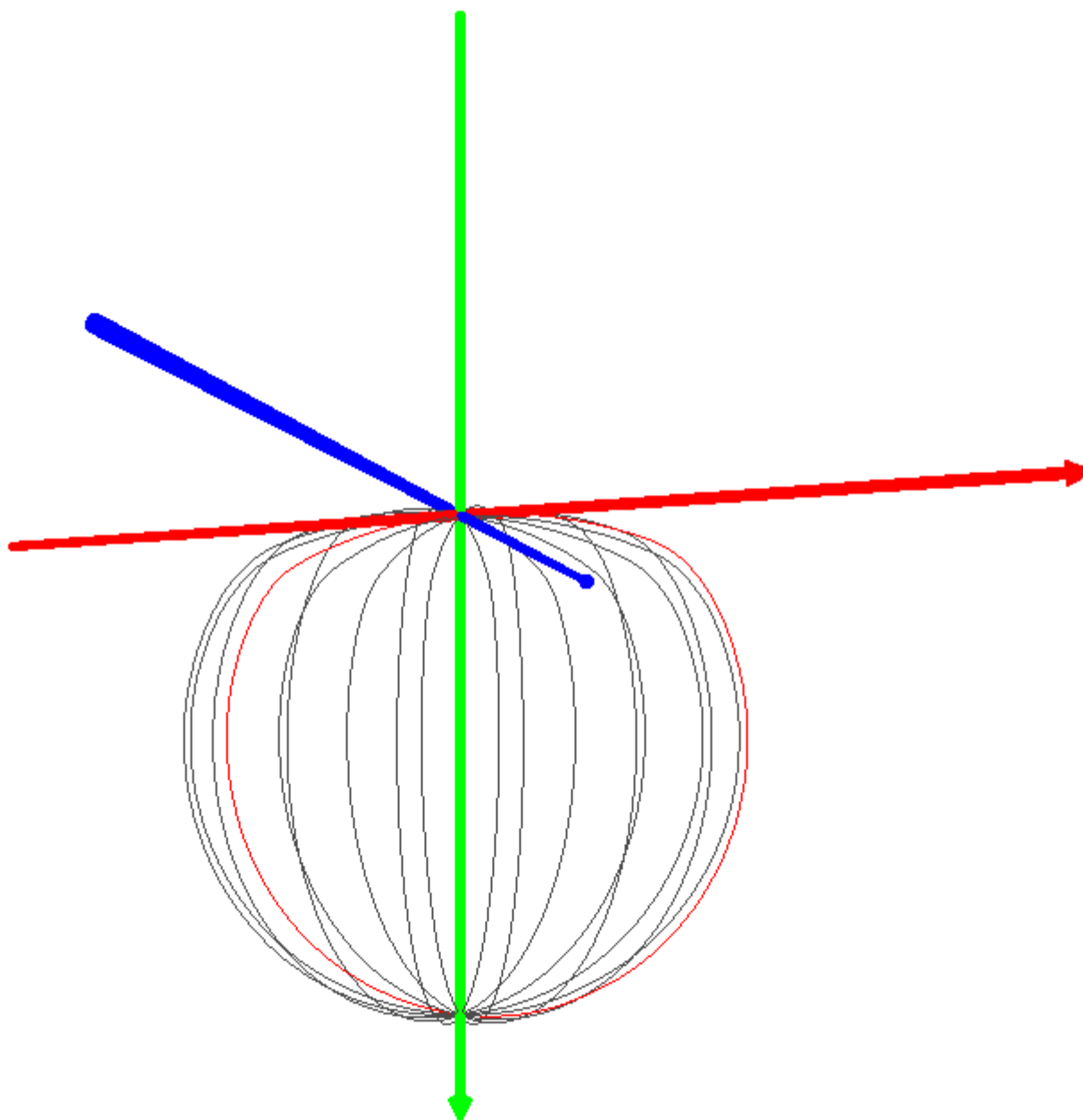
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Legend

- - 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

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