

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *SOLVENT R PENDANT 110 BK + REMOTE CONTROL*

Item No: *AZ3975*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Solvent R 110*

LuminaireNumber: *AZ3975*

FileName: *AZ3975.Idt*

Date: *2020-10-21*

Dimensions of luminaire

Length: *1100 mm*

Width: *0 mm*

Height: *1080 mm*

Dimensions of luminous area

Length: *120 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: 5728,65 lm
Color temperatur: 4111.47 K
Color rendering index: 84,61
Wattage including ballast: 118,77 W

Utilization factors:

k = 0.60	0,199
k = 0.80	0,267
k = 1.00	0,330
k = 1.25	0,395
k = 1.50	0,449
k = 2.00	0,536
k = 2.50	0,592
k = 3.00	0,636
k = 4.00	0,700
k = 5.00	0,743

Electrical parameters

U = 229,503 V
 I = 0,531 A
 P = 118,771 W
Power factor = 0,974

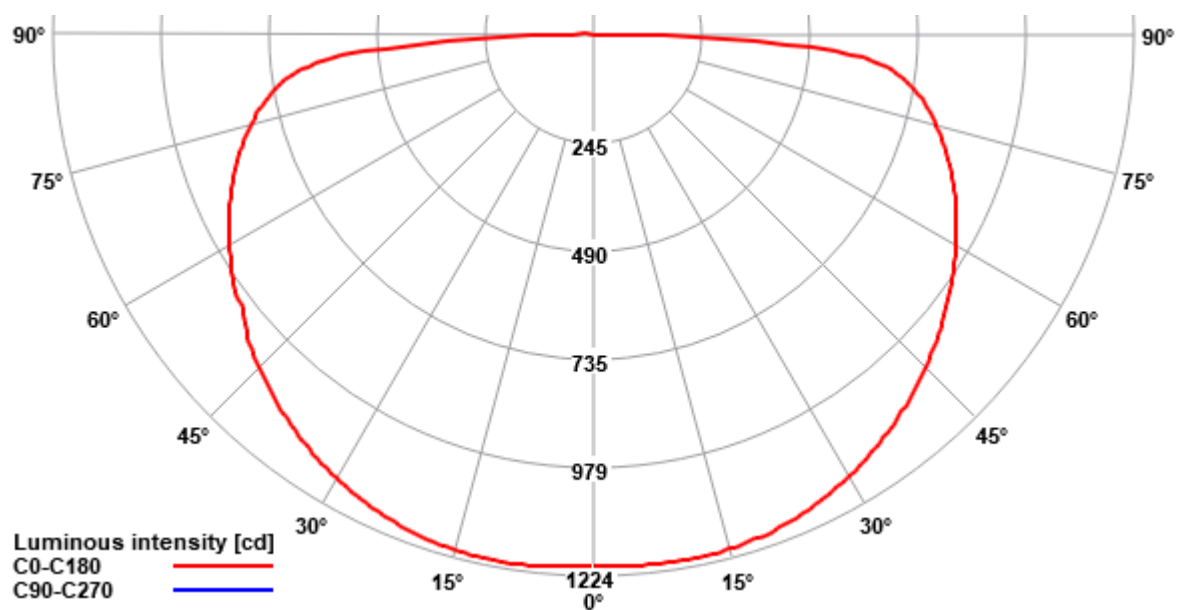
Power apparent = 121,870 VA
Power Reactive = -27,423 var
Frequency Voltage = 50,000 Hz
THD = 0,000 %

Temperature = 22 C

Goniometric measurement results

Total flux (utilized luminarie flux)	5728,65 <i>lm</i>
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1214,24 <i>cd</i>
Light output ratio (LOR)	100,00 %
Luminous efficacy	48,23 <i>lm/W</i>

Light intensity distribution diagram



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NIP: 783-171-97-20

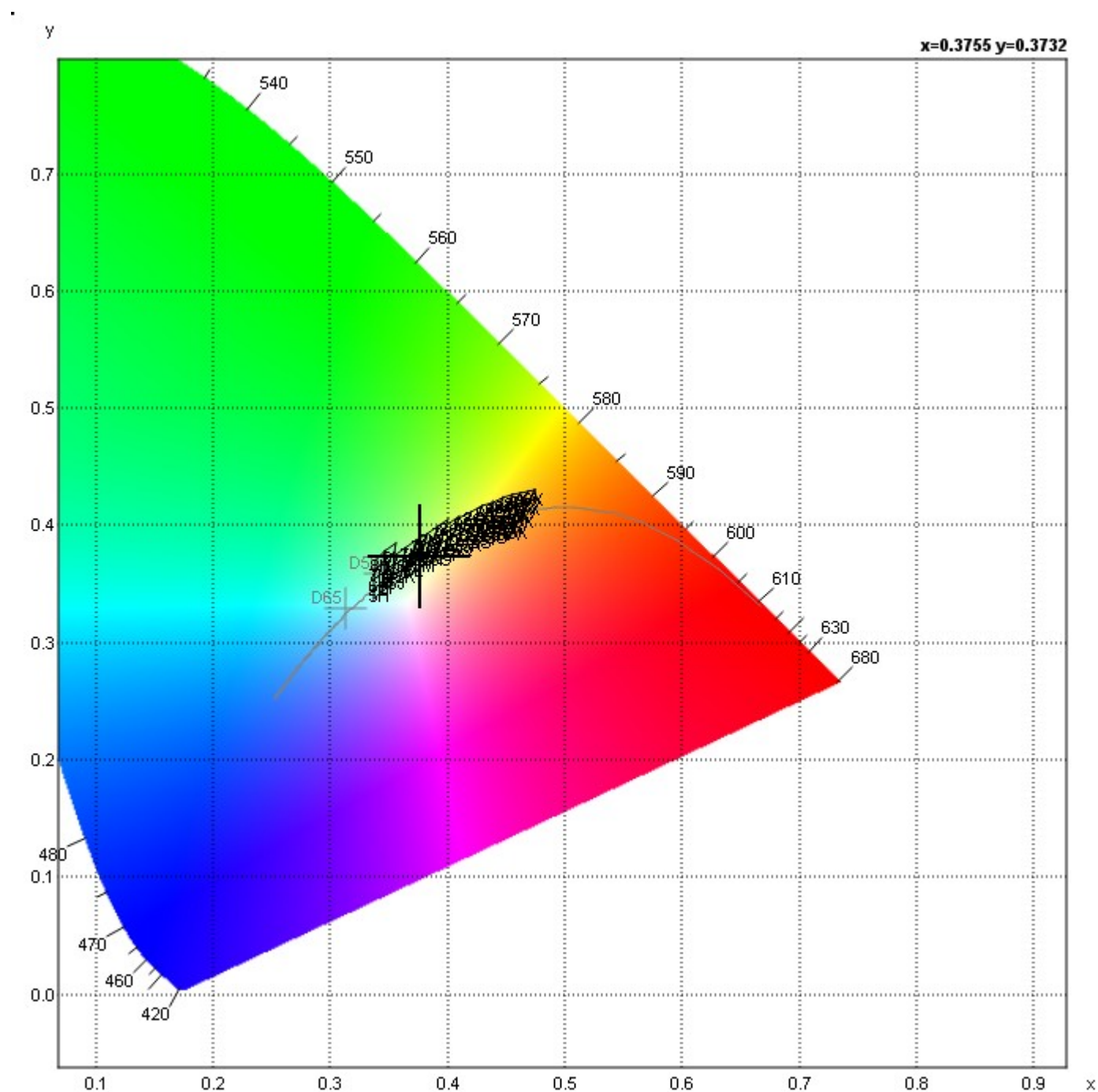
REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

CIE 1931 diagram

x 0,3755
y 0,3732
Angular Colour Uniformity 0,0045



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Beam cone

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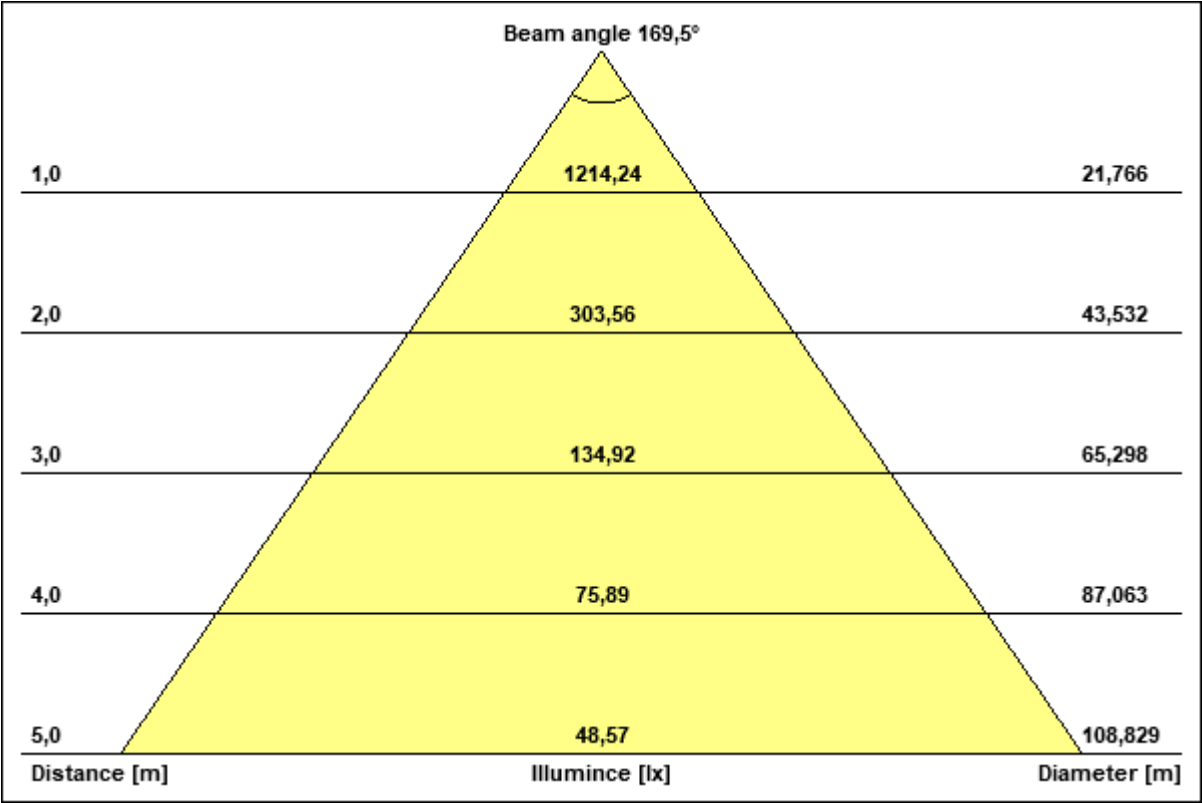
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Stabilization

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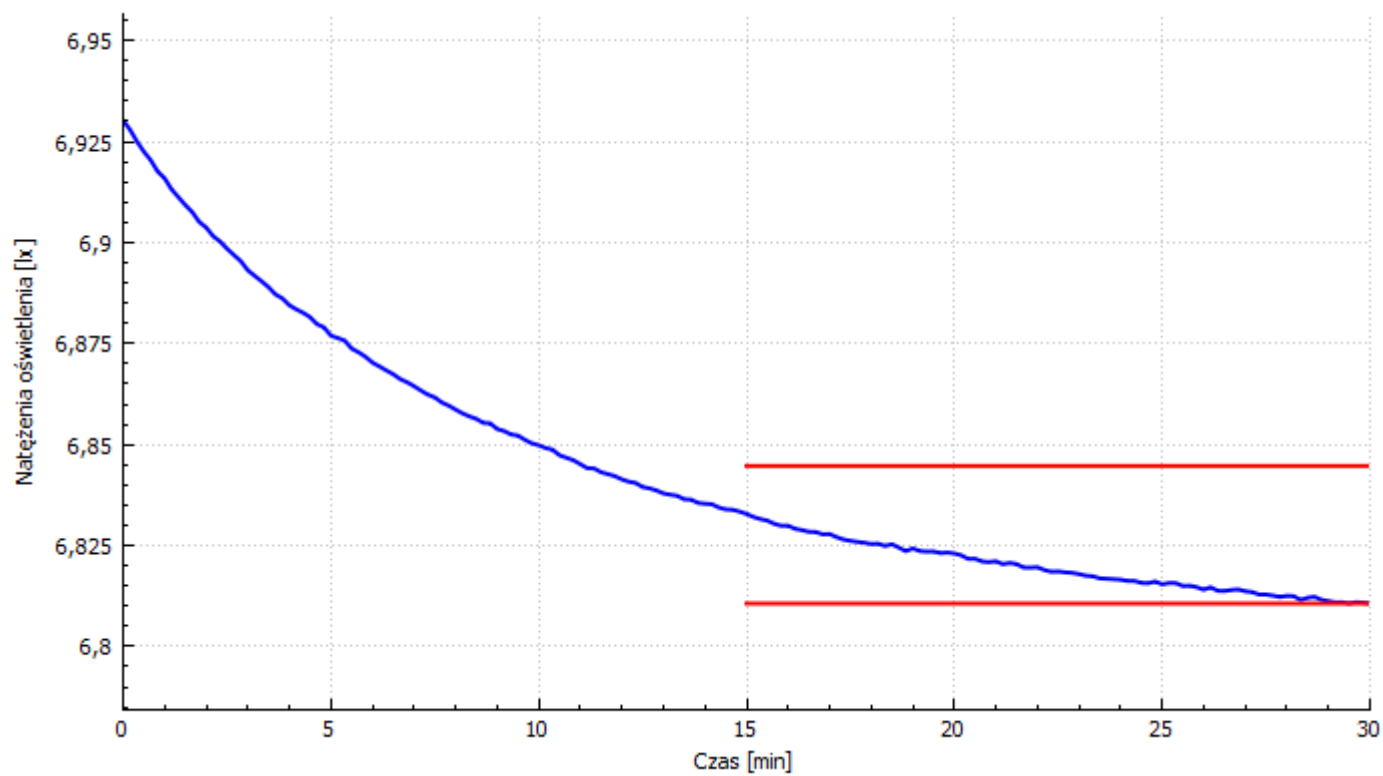
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3D Chart

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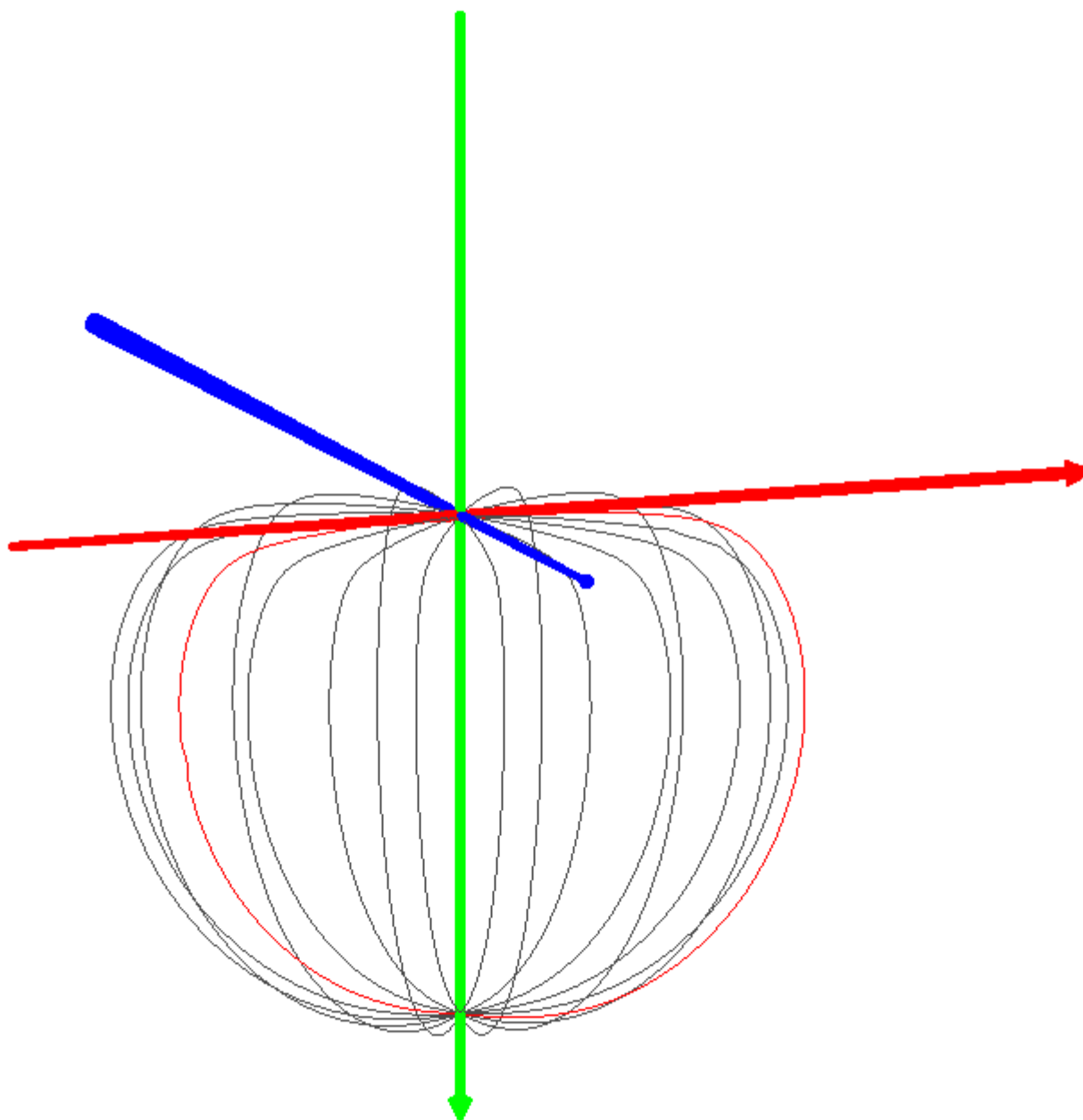
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Legend

- - 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
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32	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