

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *SANTOS TRACK 3LINE 12W 3000K WH/WH*

Item No: *AZ4184*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Santos Track*

LuminaireNumber: *AZ4184*

FileName: *AZ4184.Idt*

Date: *2021-04-22*

Dimensions of luminaire

Length: *50 mm*

Width: *0 mm*

Height: *225 mm*

Dimensions of luminous area

Length: *30 mm*

Width: *0 mm*

C0-plane *25 mm*

C90-plane *25 mm*

C180-plane *25 mm*

C270-plane *25 mm*

Lamps:

Number of lamps: -1
Type of lamps: *Led zintegrowany*
Total luminous flux: *748,40 lm*
Color temperatur: *3046.72 K*
Color rendering index: *83,56*
Wattage including ballast: *8,89 W*

Utilization factors:

k = 0.60	<i>0,634</i>
k = 0.80	<i>0,689</i>
k = 1.00	<i>0,745</i>
k = 1.25	<i>0,790</i>
k = 1.50	<i>0,824</i>
k = 2.00	<i>0,883</i>
k = 2.50	<i>0,899</i>
k = 3.00	<i>0,916</i>
k = 4.00	<i>0,942</i>
k = 5.00	<i>0,958</i>

Electrical parameters

U = *229,687 V*
I = *0,082 A*
P = *8,890 W*
Power factor = *0,470*

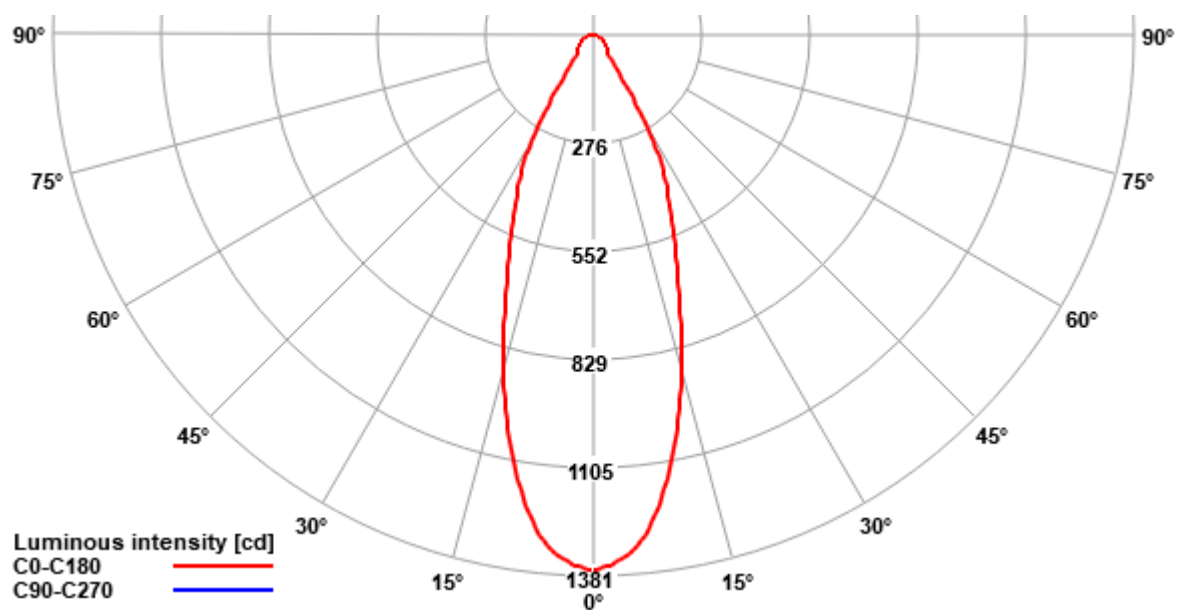
Power apparent = *18,913 VA*
Power Reactive = *-12,990 var*
Frequency Voltage = *50,002 Hz*
THD = *0,000 %*

Temperature = *22 C*

Goniometric measurement results

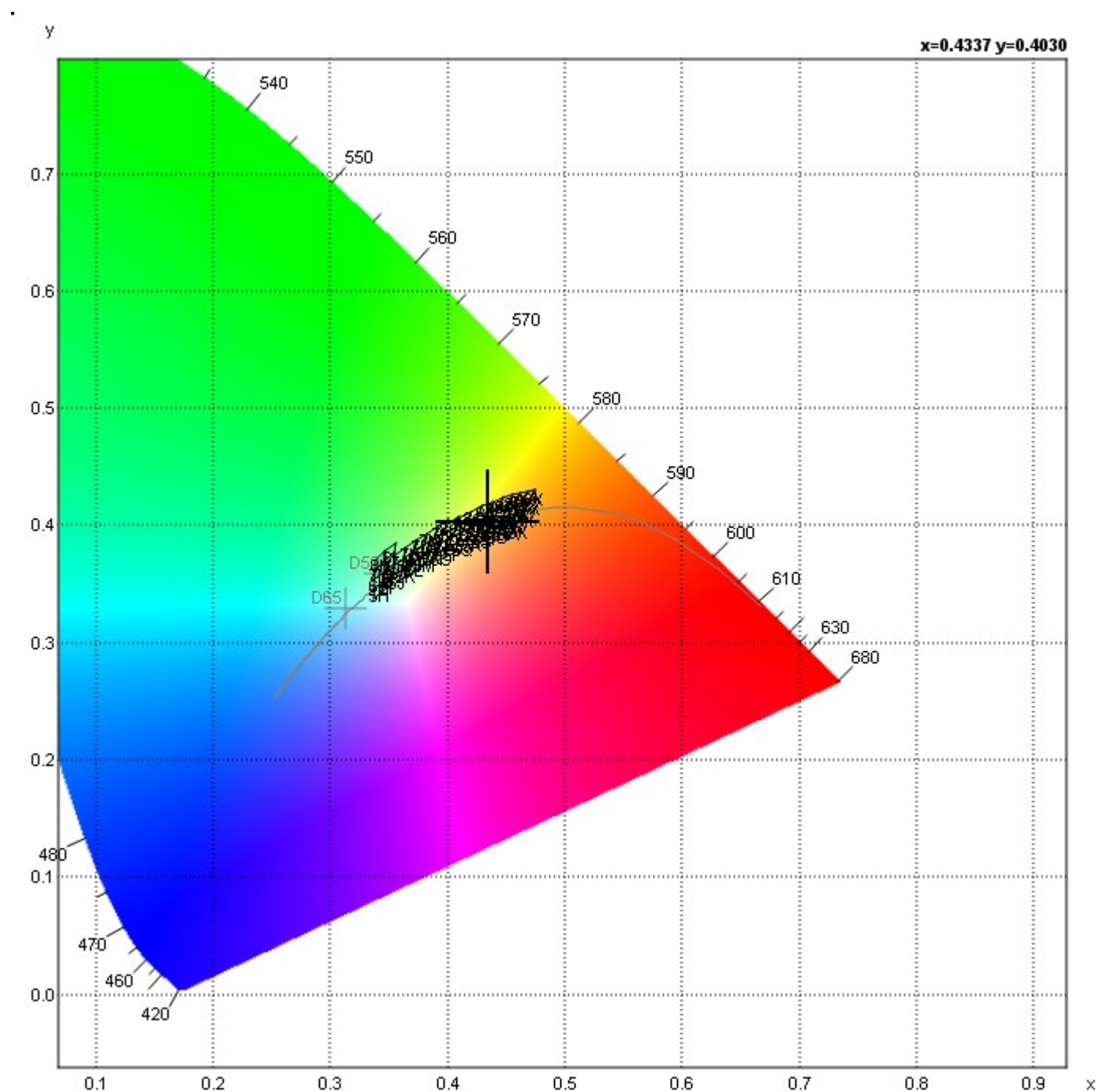
Total flux (utilized luminarie flux)	<i>748,40 lm</i>
Flux in lower hemisphere	<i>100,00 %</i>
Flux in upper hemisphere	<i>0,00 %</i>
Maximum luminous intensity	<i>1367,57 cd</i>
Light output ratio (LOR)	<i>100,00 %</i>
Luminous efficacy	<i>84,18 lm/W</i>

Light intensity distribution diagram



CIE 1931 diagram

x 0,4337
y 0,4030
Angular Colour Uniformity 0,0006



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NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

Beam cone

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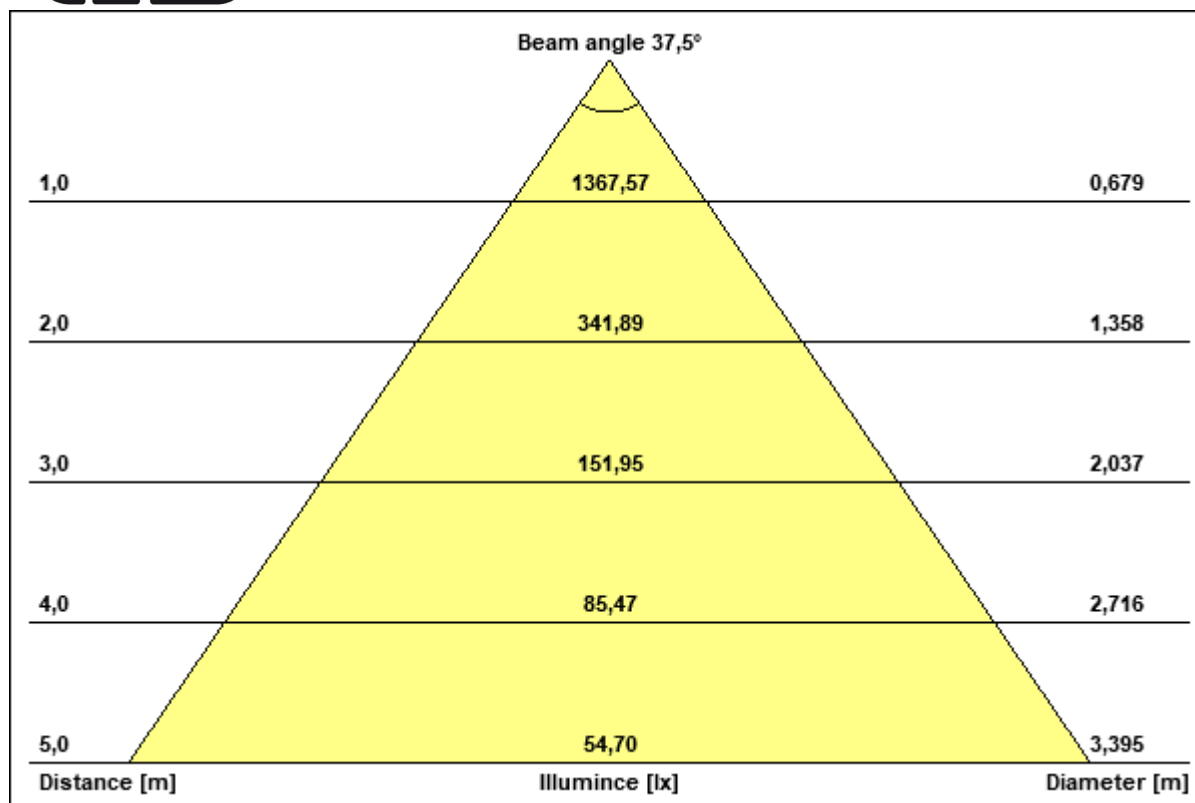
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Stabilization

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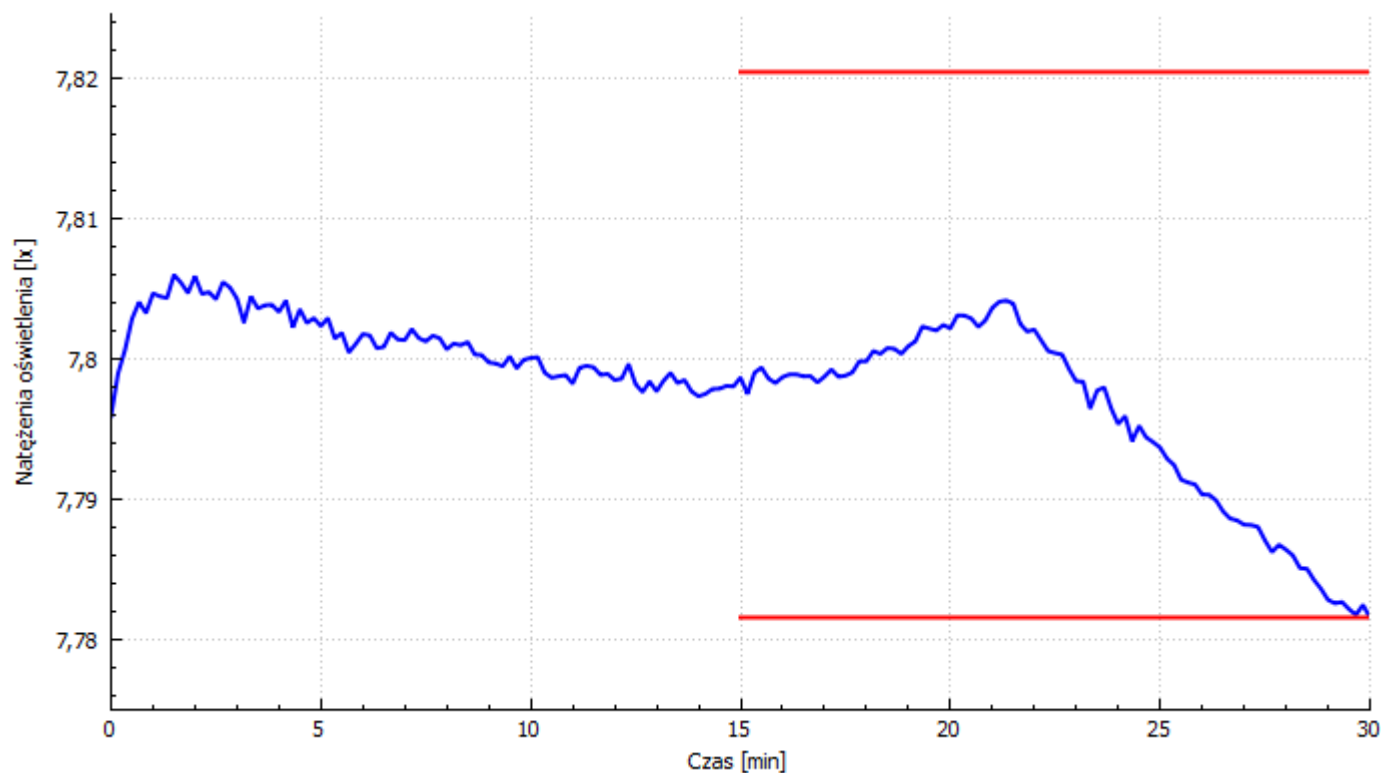
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3D Chart

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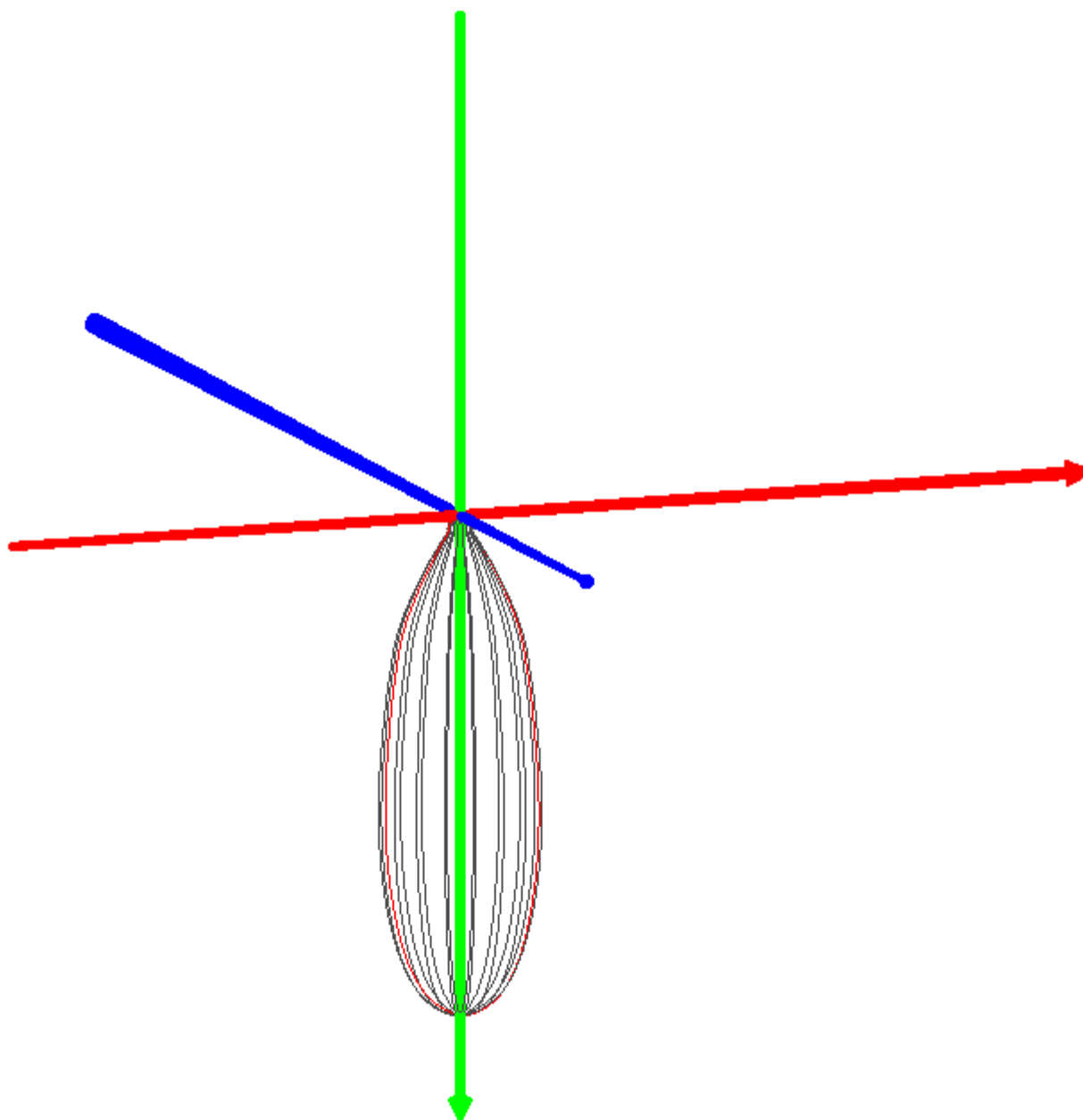
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Legend

- 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
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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