

## GL GONIOSPECTROMETER MEASUREMENT TAG LIST

### Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting Company*

Model name: *NIKKI TRACK MAGNETIC 3W 3000K GO/BK*

Item No: *AZ4591*

Serial No.:

Made by: *Adam Nawrot*

### Eulumdat Fields

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#### Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Nikki M-track 3000K*

LuminaireNumber: *AZ4591*

FileName: *AZ4591.Idt*

Date: *2021-06-08*

#### Dimensions of luminaire

Length: *30 mm*

Width: *0 mm*

Height: *90 mm*

#### Dimensions of luminous area

Length: *20 mm*

Width: *0 mm*

C0-plane *0 mm*

C90-plane *0 mm*

C180-plane *0 mm*

C270-plane *0 mm*

**Lamps:**

Number of lamps: -1  
Type of lamps: LED  
Total luminous flux: 299,24 lm  
Color temperatur: 3022.32 K  
Color rendering index: 96,90  
Wattage including ballast: 5,29 W

**Utilization factors:**

k = 0.60	0,726
k = 0.80	0,769
k = 1.00	0,818
k = 1.25	0,853
k = 1.50	0,880
k = 2.00	0,930
k = 2.50	0,937
k = 3.00	0,950
k = 4.00	0,969
k = 5.00	0,982

**Electrical parameters**

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$U$  = 229,676 V  
 $I$  = 0,077 A  
 $P$  = 5,294 W  
Power factor = 0,294

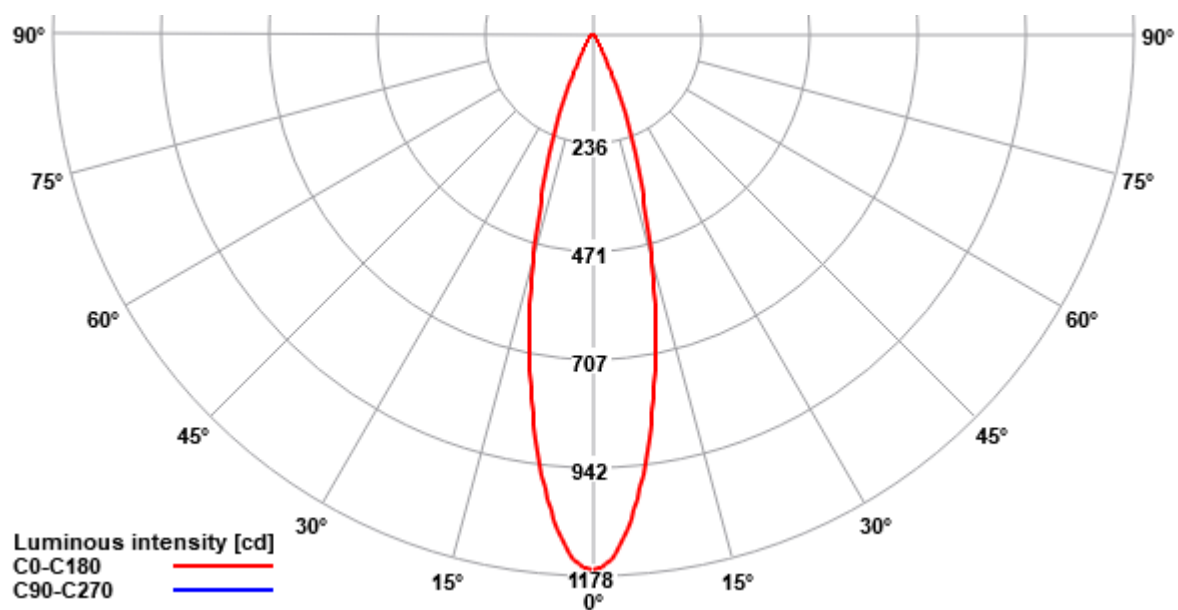
Power apparent = 18,021 VA  
Power Reactive = -17,184 var  
Frequency Voltage = 50,002 Hz  
THD = 0,000 %

Temperature = 22 C

## Goniometric measurement results

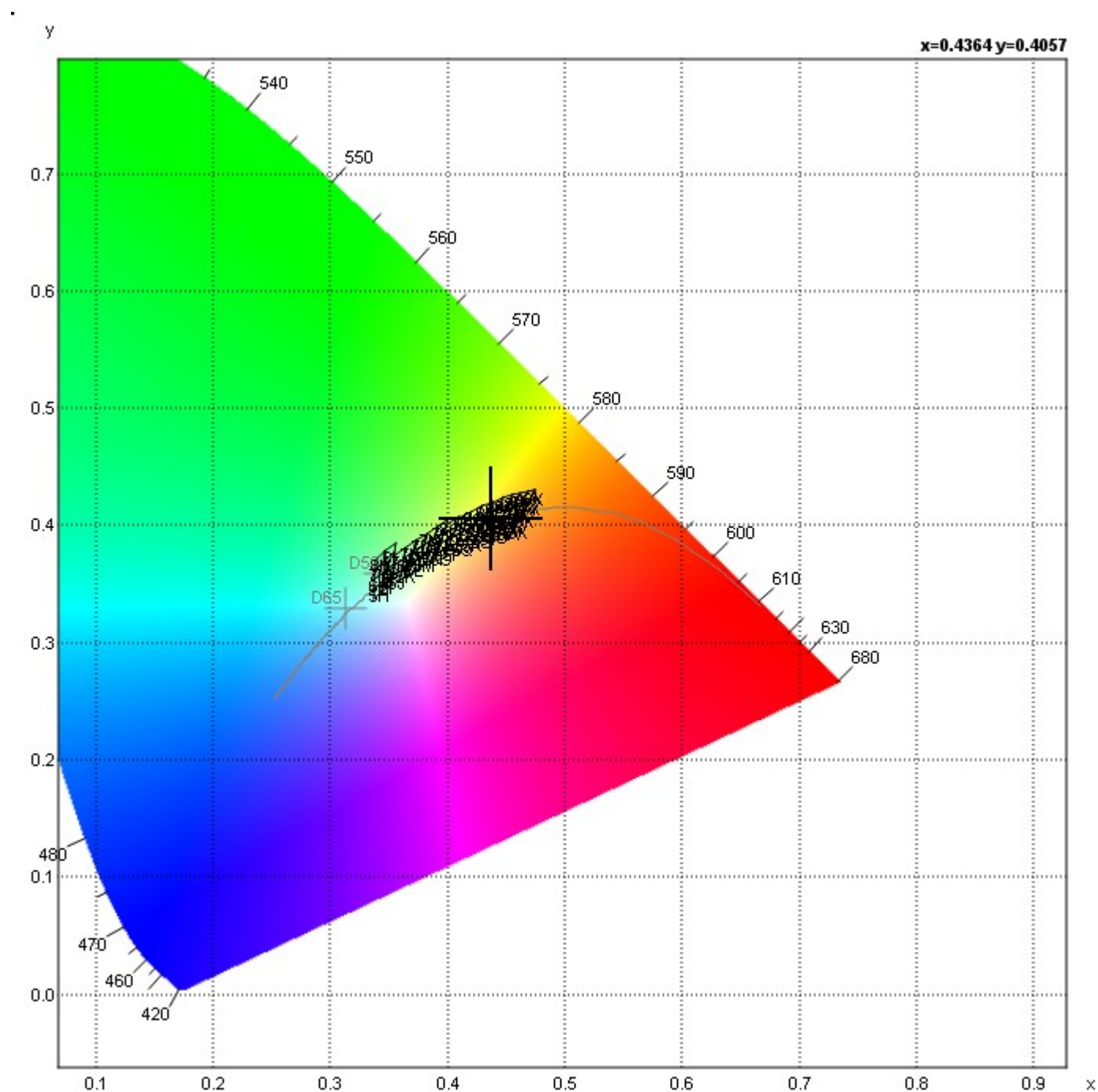
Total flux (utilized luminarie flux)	299,24 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1166,41 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	56,57 lm/W

## Light intensity distribution diagram



## CIE 1931 diagram

x 0,4364  
y 0,4057  
Angular Colour Uniformity 0,0020



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Raiffeisen Bank Polska S.A.

PLN: IBAN 78 1750 0012 0000 0000 2709 9432

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

## Beam cone

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# Stabilization

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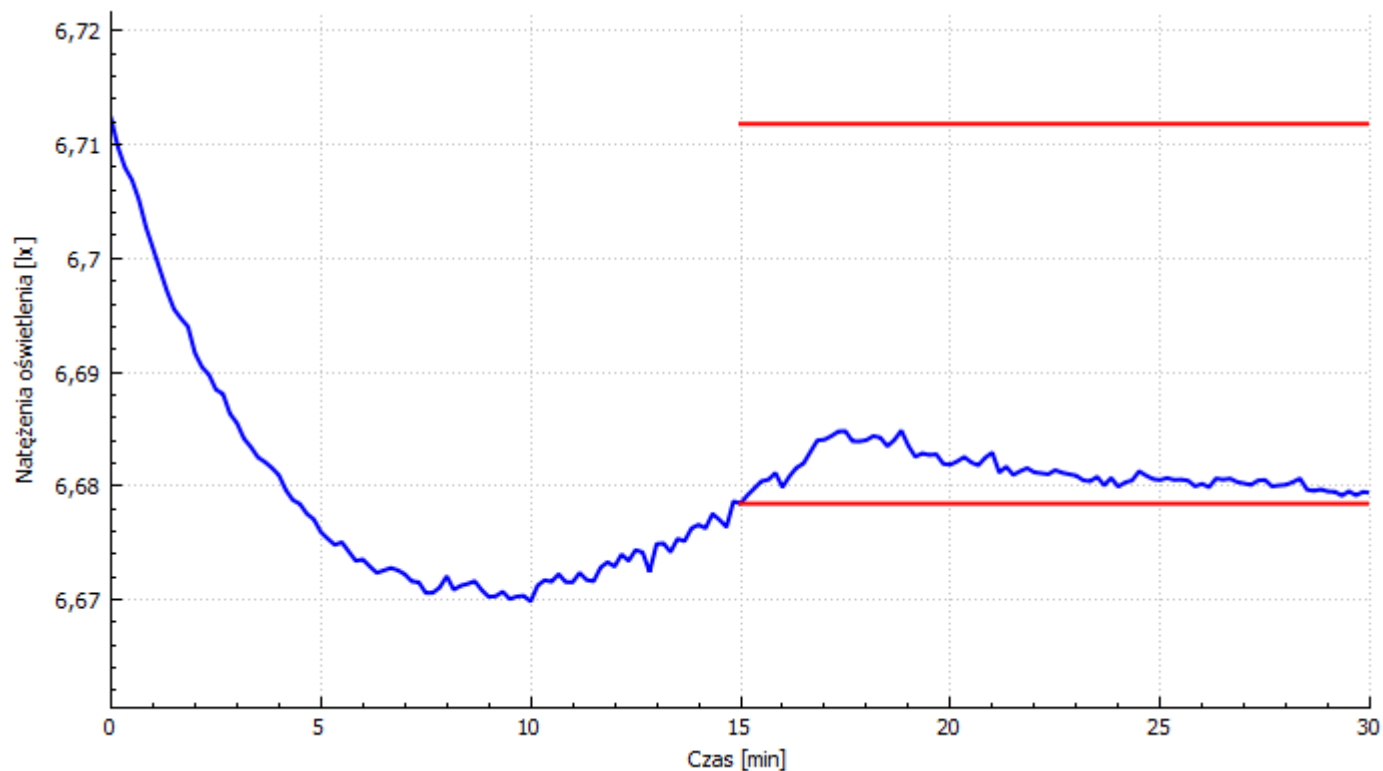
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KRS: 0000537079

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## 3D Chart

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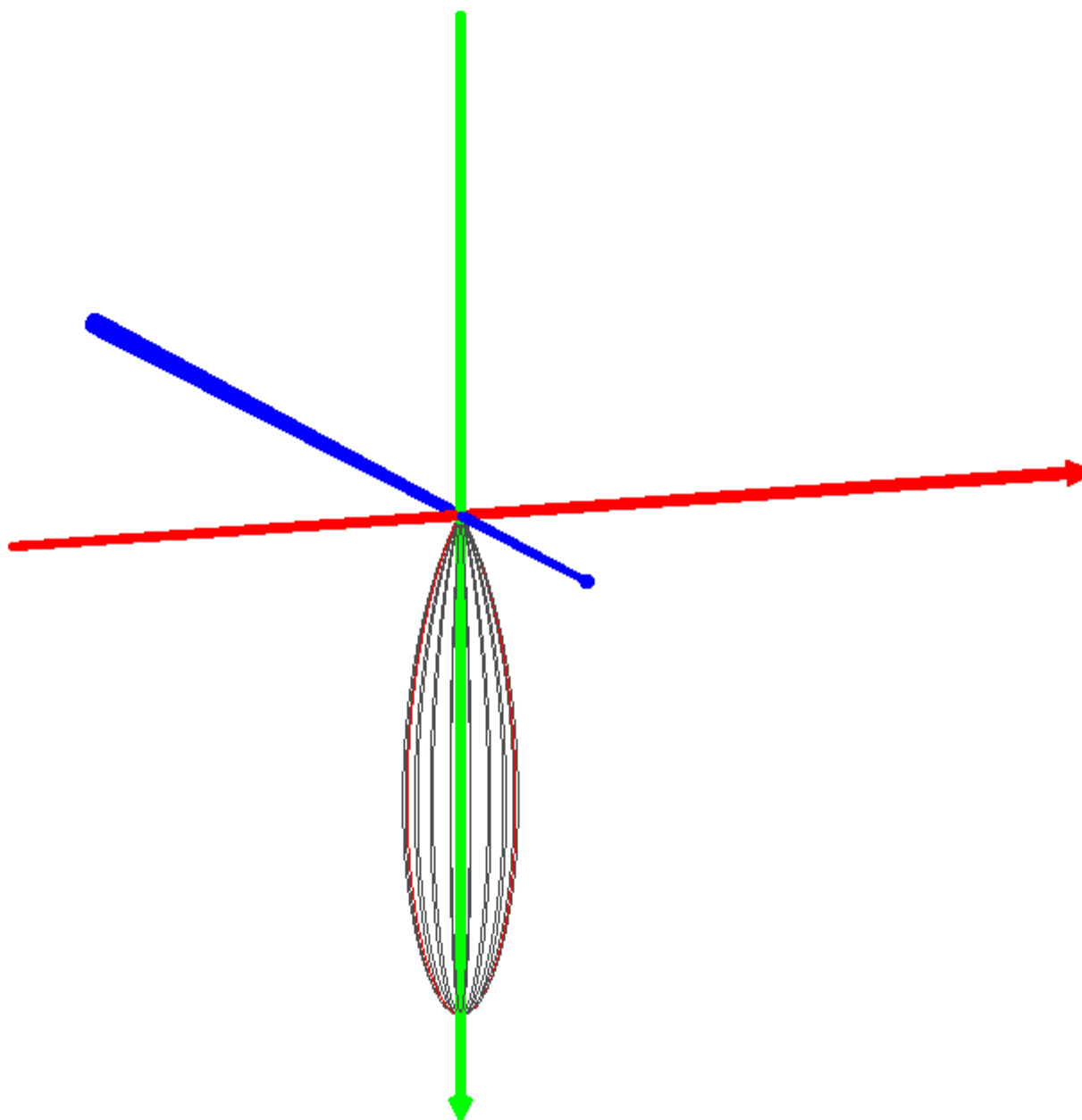
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## Legend

- - 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