

## GL GONIOSPECTROMETER MEASUREMENT TAG LIST

### Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*

Model name: *Kira*

Item No: *AZ4601*

Serial No.:

Made by: *A. Nawrot*

### Eulumdat Fields

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#### Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ4601*

LuminaireName: *AZ4601*

LuminaireNumber: *AZ4601*

FileName: *AZ4601.Idt*

Date: *2022-11-03*

#### Dimensions of luminaire

Length: *400 mm*

Width: *22 mm*

Height: *50 mm*

#### Dimensions of luminous area

Length: *400 mm*

Width: *18 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: 1536,71 lm  
Color temperatur: 3984 K  
Color rendering index: 82,35  
Wattage including ballast: 25,39 W

**Utilization factors:**

k = 0.60	0,729
k = 0.80	0,771
k = 1.00	0,818
k = 1.25	0,852
k = 1.50	0,878
k = 2.00	0,928
k = 2.50	0,935
k = 3.00	0,948
k = 4.00	0,968
k = 5.00	0,981

**Electrical parameters**

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$U$  = 229,689 V  
 $I$  = 0,335 A  
 $P$  = 25,393 W  
Power factor = 0,330

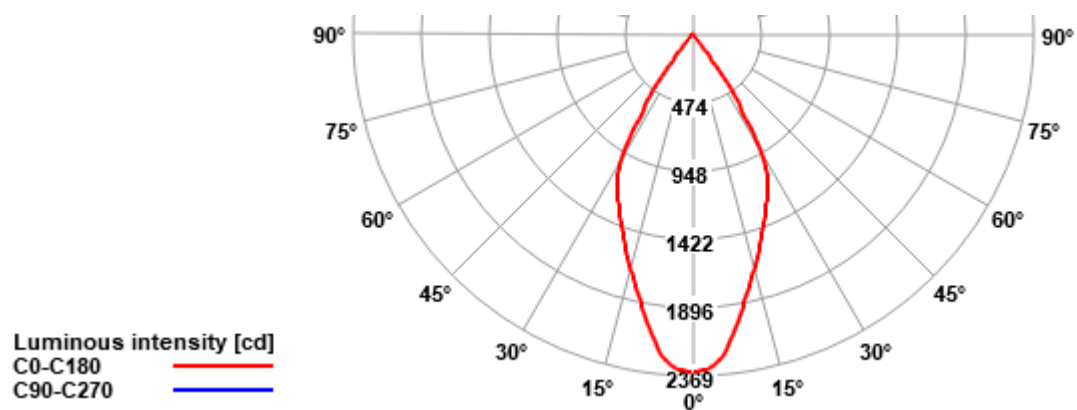
Power apparent = 76,881 VA  
Power Reactive = 0,000 var  
Frequency Voltage = 50,002 Hz  
THD = 0,000 %

Temperature = 25 C

## Goniometric measurement results

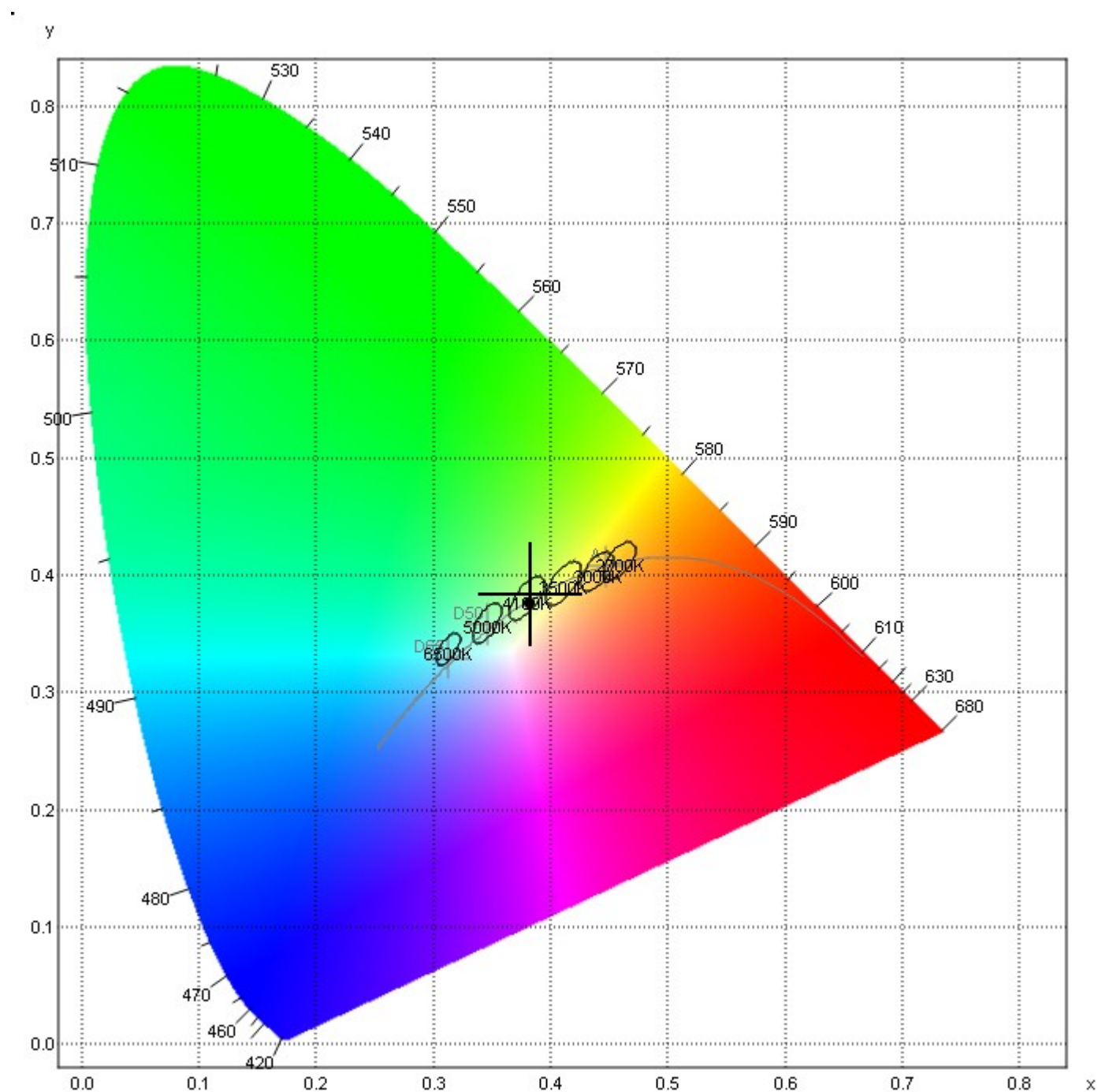
Total flux (utilized luminarie flux)	1536,71 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	2345,99 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	60,52 lm/W

## Light intensity distribution diagram



## CIE 1931 diagram

x 0,3829  
y 0,3834  
Angular Colour Uniformity 0,0162



GL Optic R&D Center Sp. z o.o.

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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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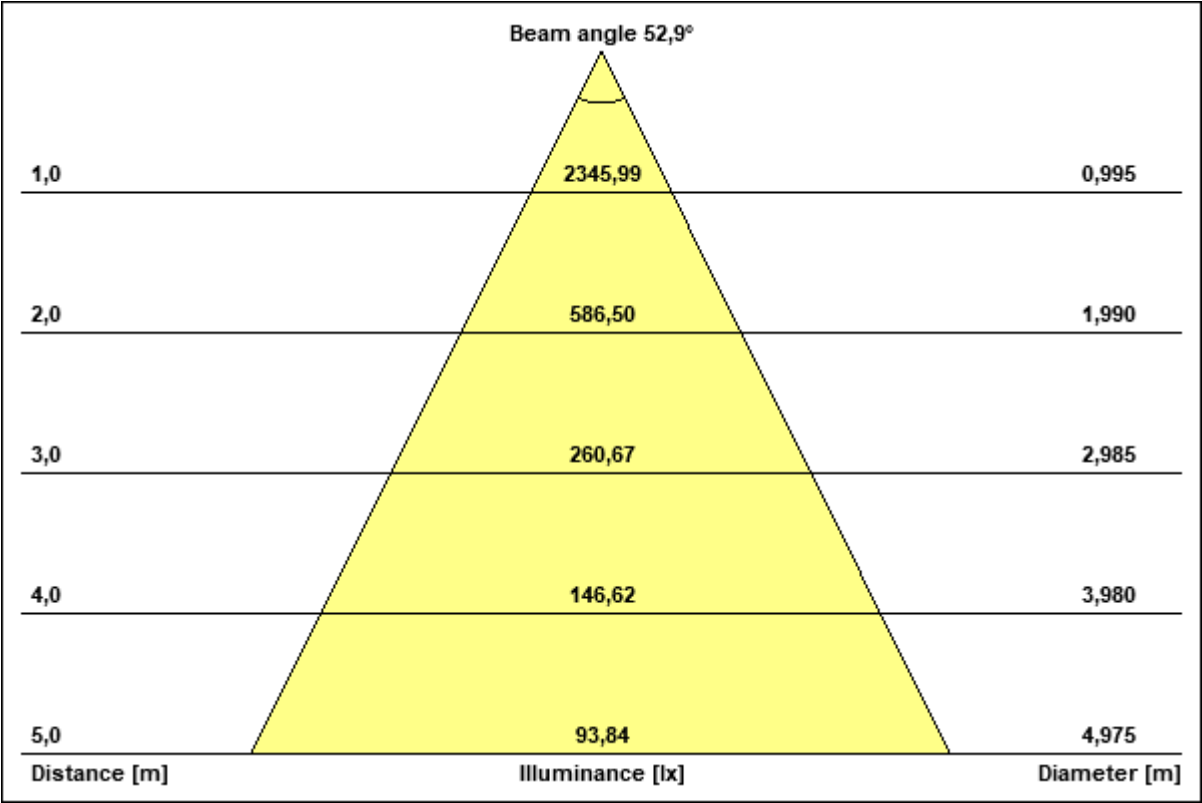
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

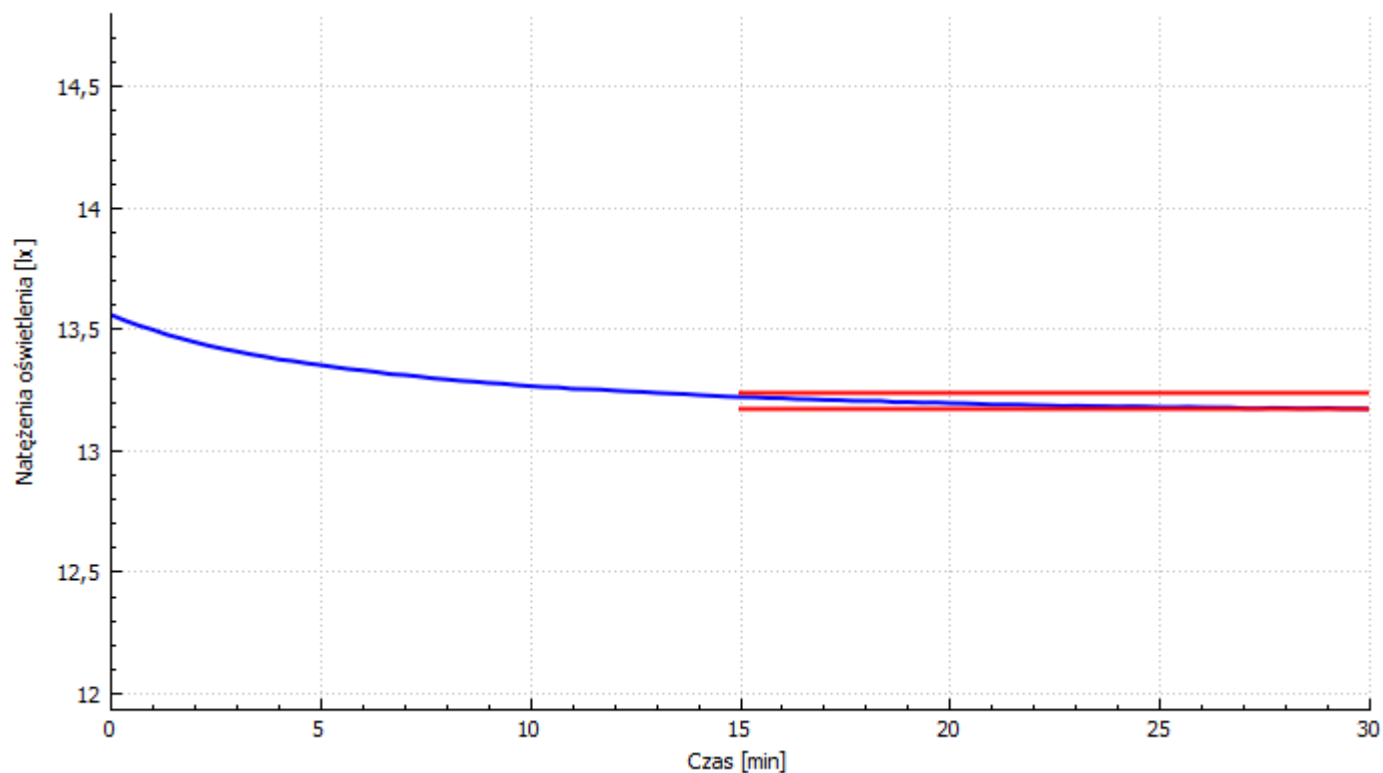
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## Stabilization



## 3D Chart

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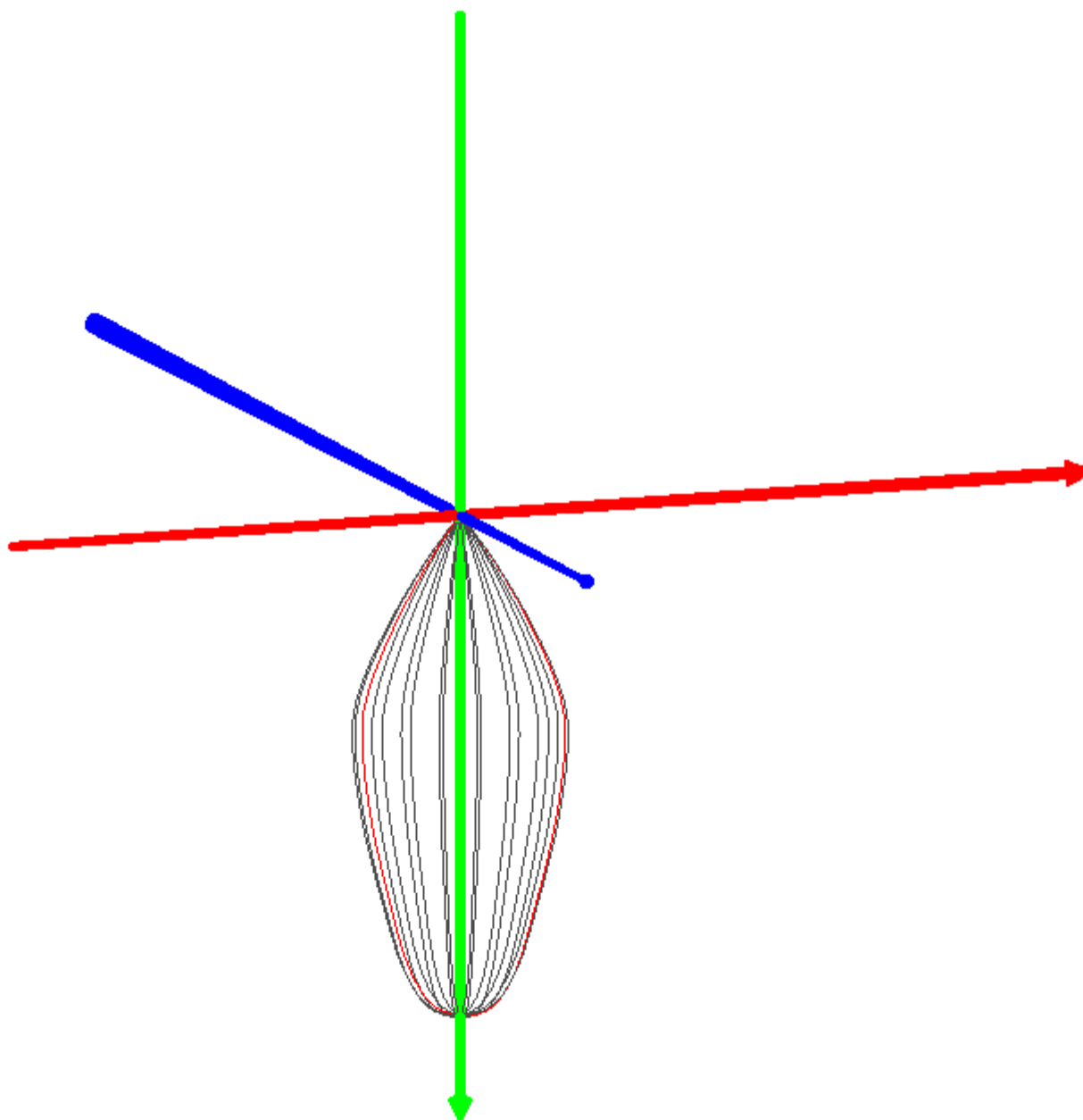
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## Legend

- - 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
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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