

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Tetris 5 CCT - 3000K*
Item No: *AZ6279*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6279-3000K*
LuminaireName: *Tetris 5 CCT - 3000K*
LuminaireNumber: *AZ6279*
FileName: *AZ62793000K.Idt*
Date: *2024-04-08*

Dimensions of luminaire

Length: *135 mm*
Width: *31 mm*
Height: *58 mm*

Dimensions of luminous area

Length: *125 mm*
Width: *21 mm*
C0-plane *0 mm*
C90-plane *0 mm*
C180-plane *0 mm*
C270-plane *0 mm*

Lamps:

Number of lamps: *-1*

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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 200.000PLN

Type of lamps: *LED*
Total luminous flux: *334,94 lm*
Color temperatur: *2707 K*
Color rendering index: *97,39*
Wattage including ballast: *7,73 W*

Utilization factors:

k = 0.60	<i>0,667</i>
k = 0.80	<i>0,716</i>
k = 1.00	<i>0,768</i>
k = 1.25	<i>0,809</i>
k = 1.50	<i>0,839</i>
k = 2.00	<i>0,895</i>
k = 2.50	<i>0,908</i>
k = 3.00	<i>0,923</i>
k = 4.00	<i>0,947</i>
k = 5.00	<i>0,963</i>

Electrical parameters

<i>U</i>	<i>= 229,673 V</i>
<i>I</i>	<i>= 0,059 A</i>
<i>P</i>	<i>= 7,731 W</i>
<i>Power factor</i>	<i>= 0,573</i>

<i>Power apparent</i>	<i>= 13,484 VA</i>
<i>Power Reactive</i>	<i>= -8,592 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 120,160 %</i>

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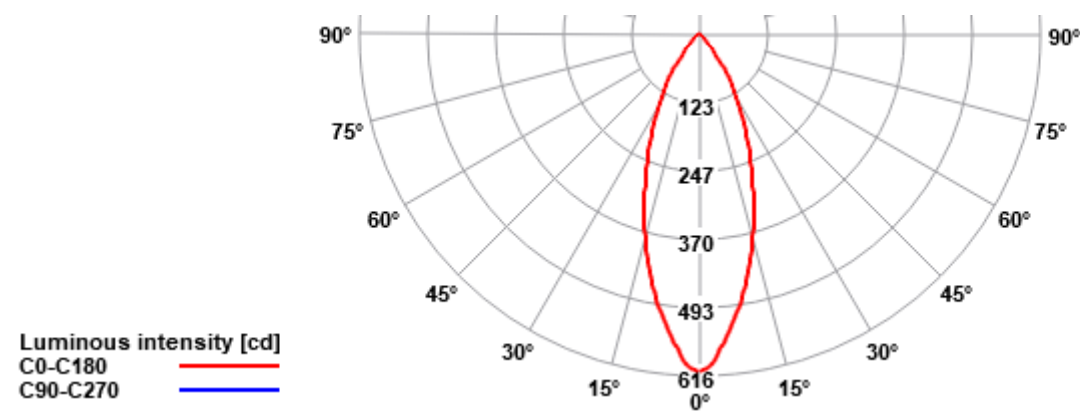
Kapitał 200.000PLN

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	334,94 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	610,35 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	43,33 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4588
y	0,4095
Angular Colour Uniformity	0,0019

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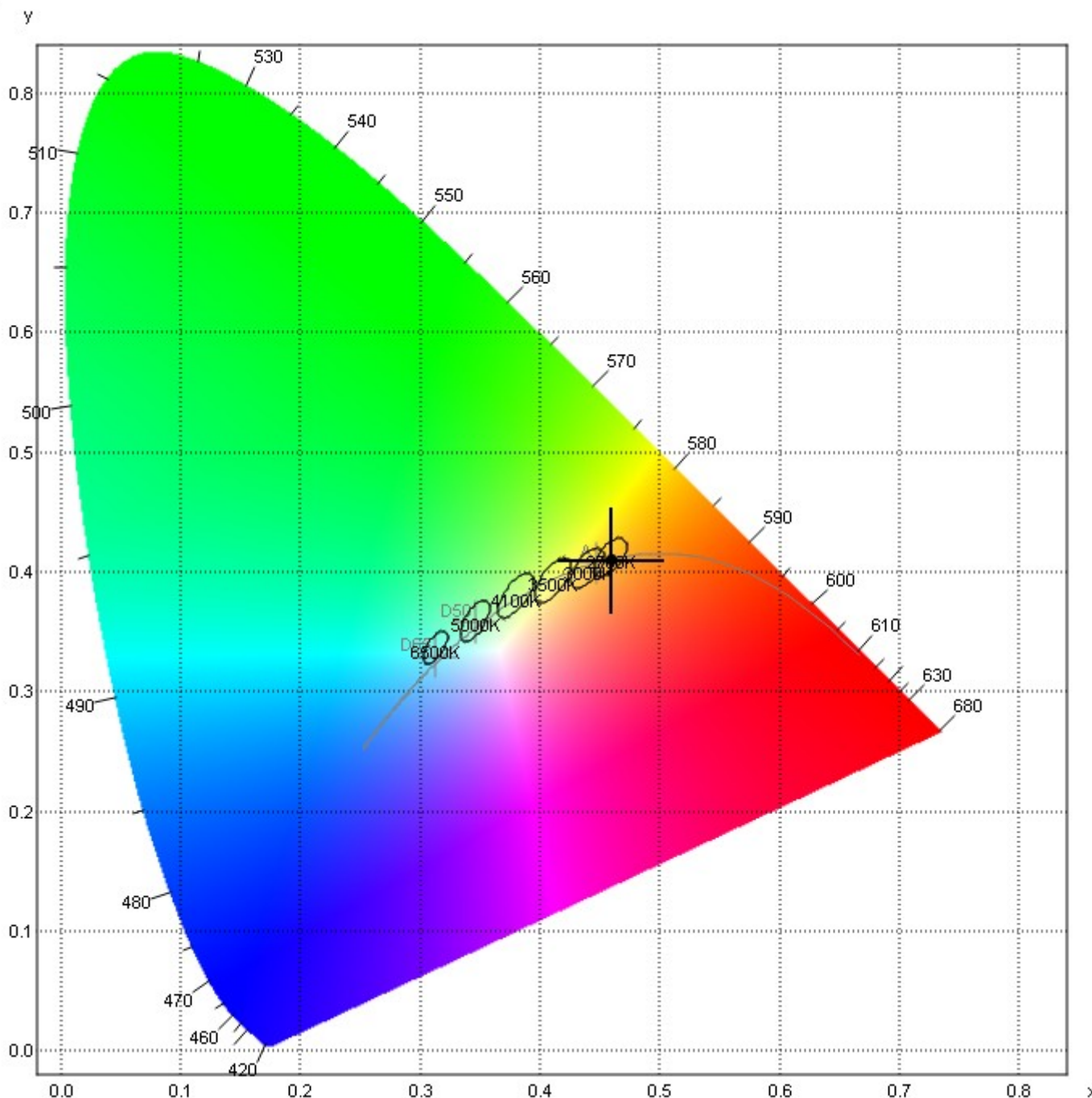
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Beam cone

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Stabilization

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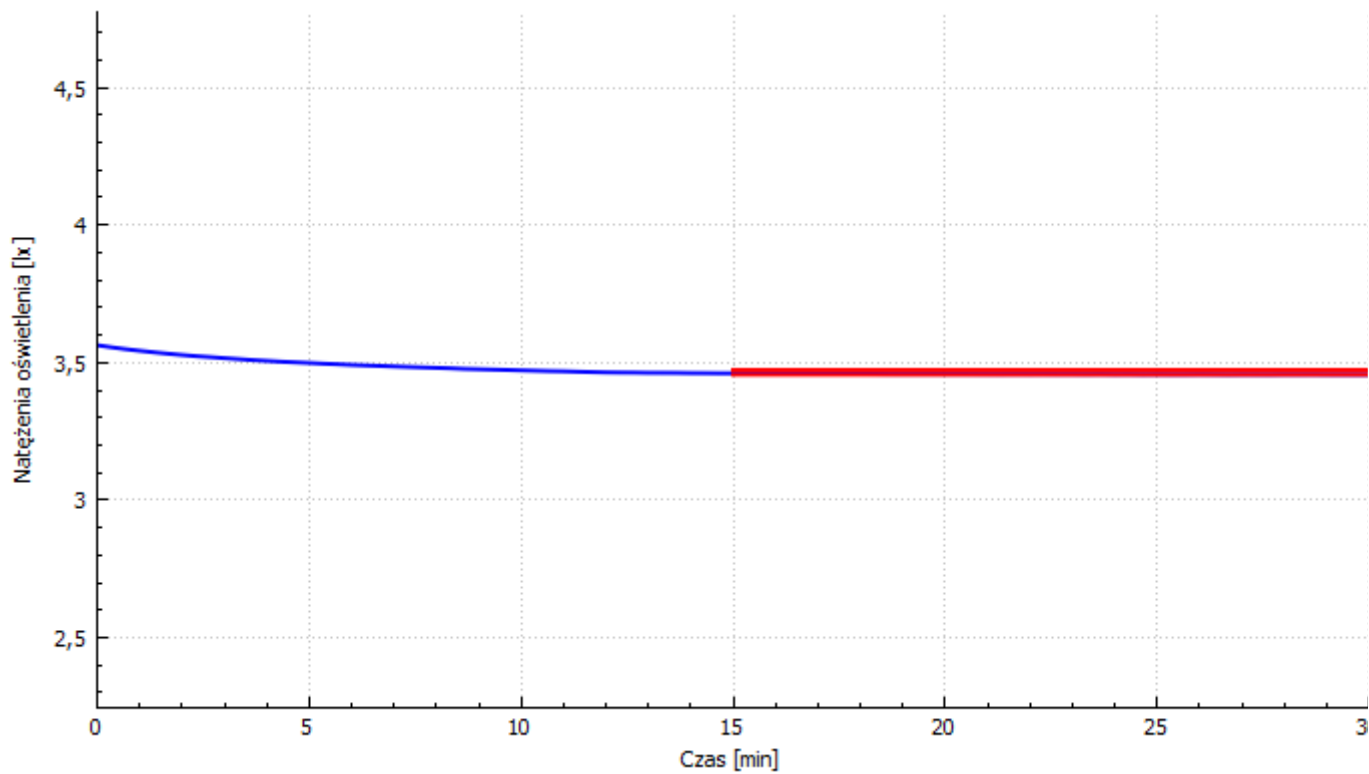
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3D Chart

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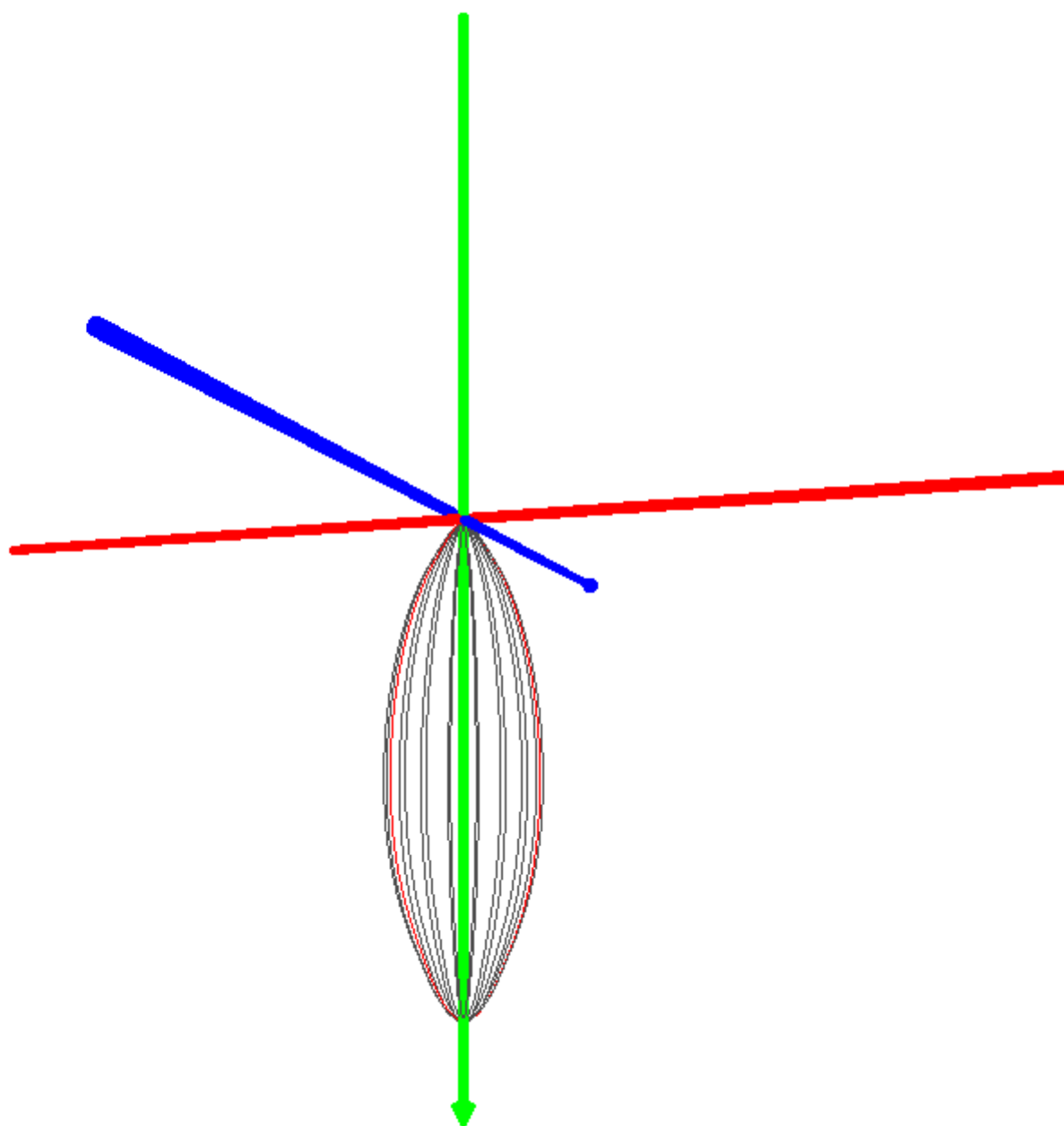
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
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U(%f)			I(%f)	P(%f)
0	0,0194	0	0	
1	100,000	100,000	100,000	
2	0,00566	0	0	
3	0,00873	83,324	0,00571	
4	0,00222	0	0	
5	0,0114	57,492	0,0026	
6	0,00137	0	0	
7	0,0098	33,148	0,00159	
8	0,0013	0	0	
9	0,00435	22,344	0,00055	
10	0	0	0	
11	0,00987	21,883	0,00101	
12	0	0	0	
13	0,00598	19,281	0,00074	
14	0,0011	0	0	
15	0,00621	15,094	0,000255	
16	0	0	0	
17	0,0046	13,771	0,000346	
18	0	0	0	
19	0,00622	13,679	0,000118	
20	0	0	0	
21	0,0078	12,214	9,87e-05	

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22	0	0	0
23	0,00465	10,750	-7,03e-05
24	0	0,0595	0
25	0,00614	10,615	-5,44e-05
26	0	0	0
27	0,00695	10,400	6,35e-05
28	0,000872	0,0765	0
29	0,00708	9,594	4,72e-05
30	0	0,0883	0
31	0,00739	9,127	0,000178
32	0	0,0852	0
33	0,00696	9,100	0,000132
34	0	0,0864	0
35	0,00746	8,703	0,000175
36	0	0,09	4,59e-07
37	0,0073	8,003	0,000128
38	0	0,0953	0
39	0,00696	7,568	1,99e-05
40	0	0,100	0
41	0,00638	7,240	8,65e-05
42	0	0,102	0
43	0,00683	6,639	1,9e-05
44	0	0,0984	0
45	0,00573	5,984	2,98e-05
46	0	0,0862	0
47	0,00629	5,560	-5,83e-05
48	0	0,0797	0
49	0,00756	5,122	5,06e-05
50	0,00106	0,0819	5,68e-07

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