

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Tetris 10 CCT WH GIPS- 3000K*
Item No: *AZ6277*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6277-3000K*
LuminaireName: *Tetris 10 CCT WH GIPS -3000K*
LuminaireNumber: *AZ6277*
FileName: *AZ62773000K.Idt*
Date: *2024-04-09*

Dimensions of luminaire

Length: *285 mm*
Width: *45 mm*
Height: *2 mm*

Dimensions of luminous area

Length: *273 mm*
Width: *35 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: *750,51 lm*
Color temperatur: *2651 K*
Color rendering index: *96,82*
Wattage including ballast: *19,26 W*

Utilization factors:

k = 0.60	<i>0,666</i>
k = 0.80	<i>0,716</i>
k = 1.00	<i>0,768</i>
k = 1.25	<i>0,808</i>
k = 1.50	<i>0,839</i>
k = 2.00	<i>0,895</i>
k = 2.50	<i>0,907</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>= 229,687 V</i>
<i>I</i>	<i>= 0,087 A</i>
<i>P</i>	<i>= 19,261 W</i>
<i>Power factor</i>	<i>= 0,965</i>

<i>Power apparent</i>	<i>= 19,956 VA</i>
<i>Power Reactive</i>	<i>= -5,226 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 8,658 %</i>

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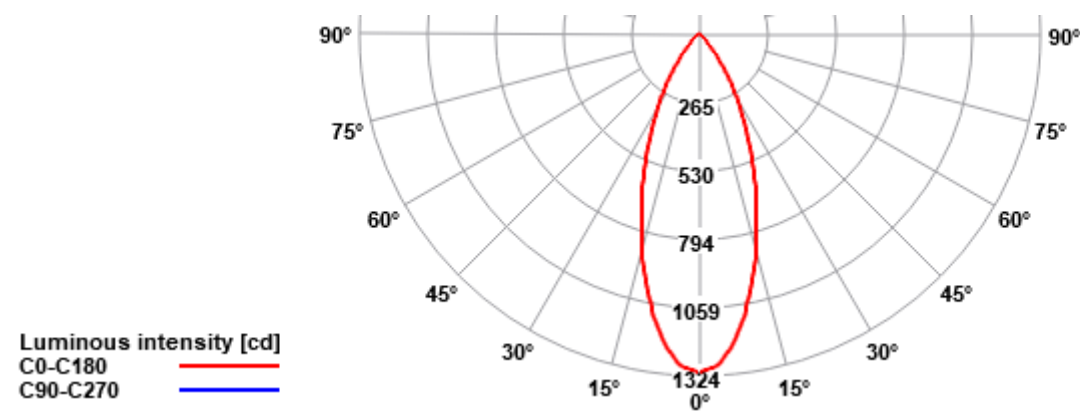
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	750,51 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1310,80 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	38,97 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4604
y	0,4054
Angular Colour Uniformity	0,0017

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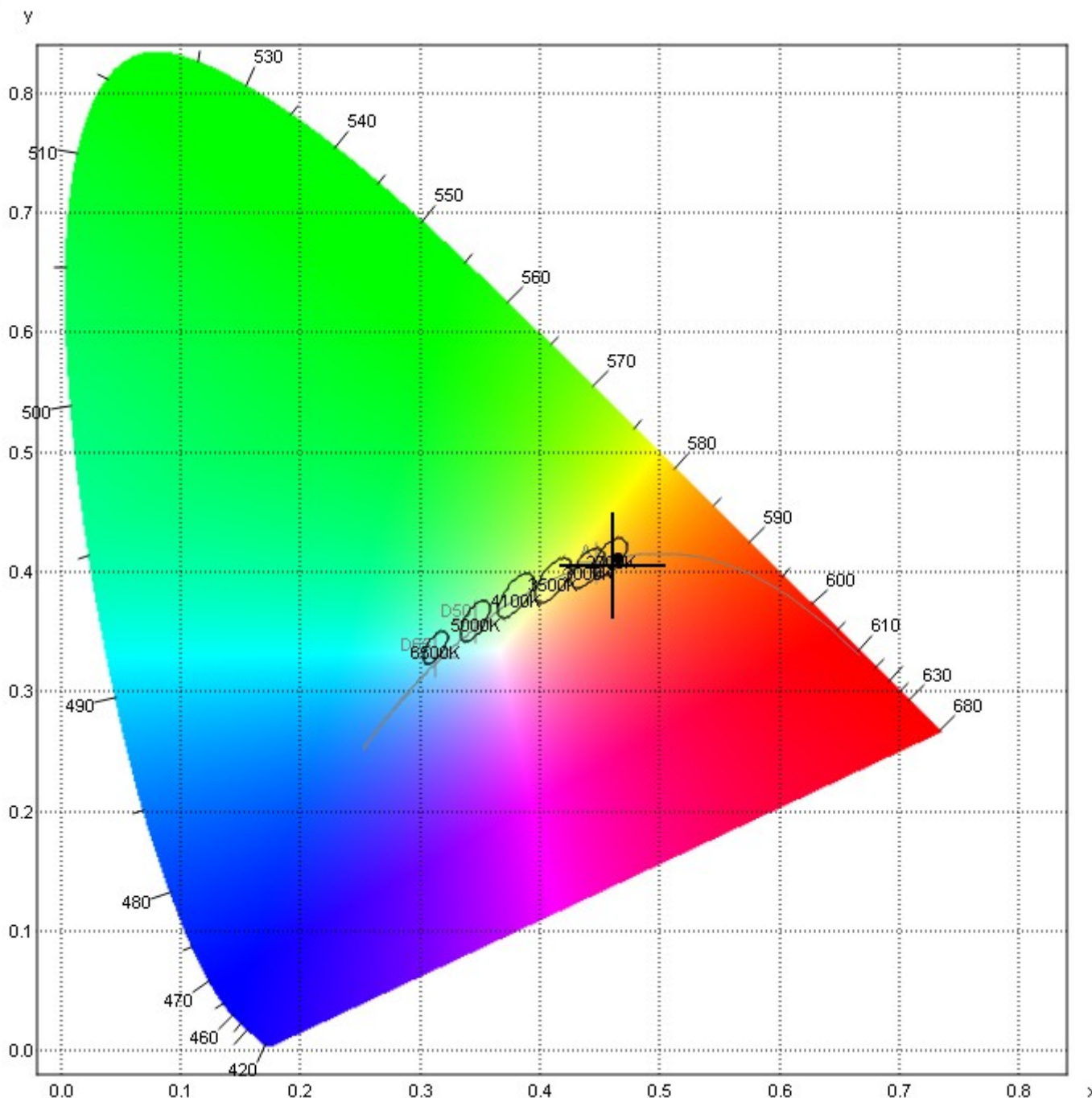
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Beam cone

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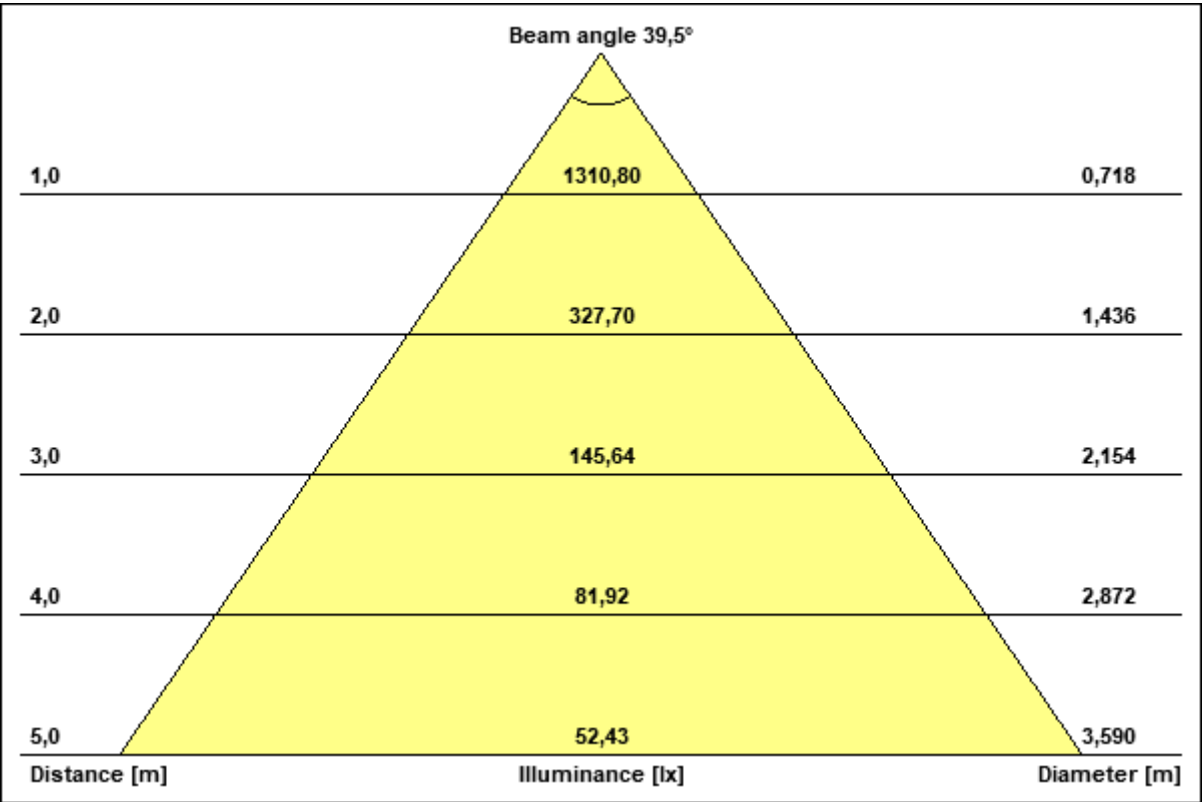
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Stabilization

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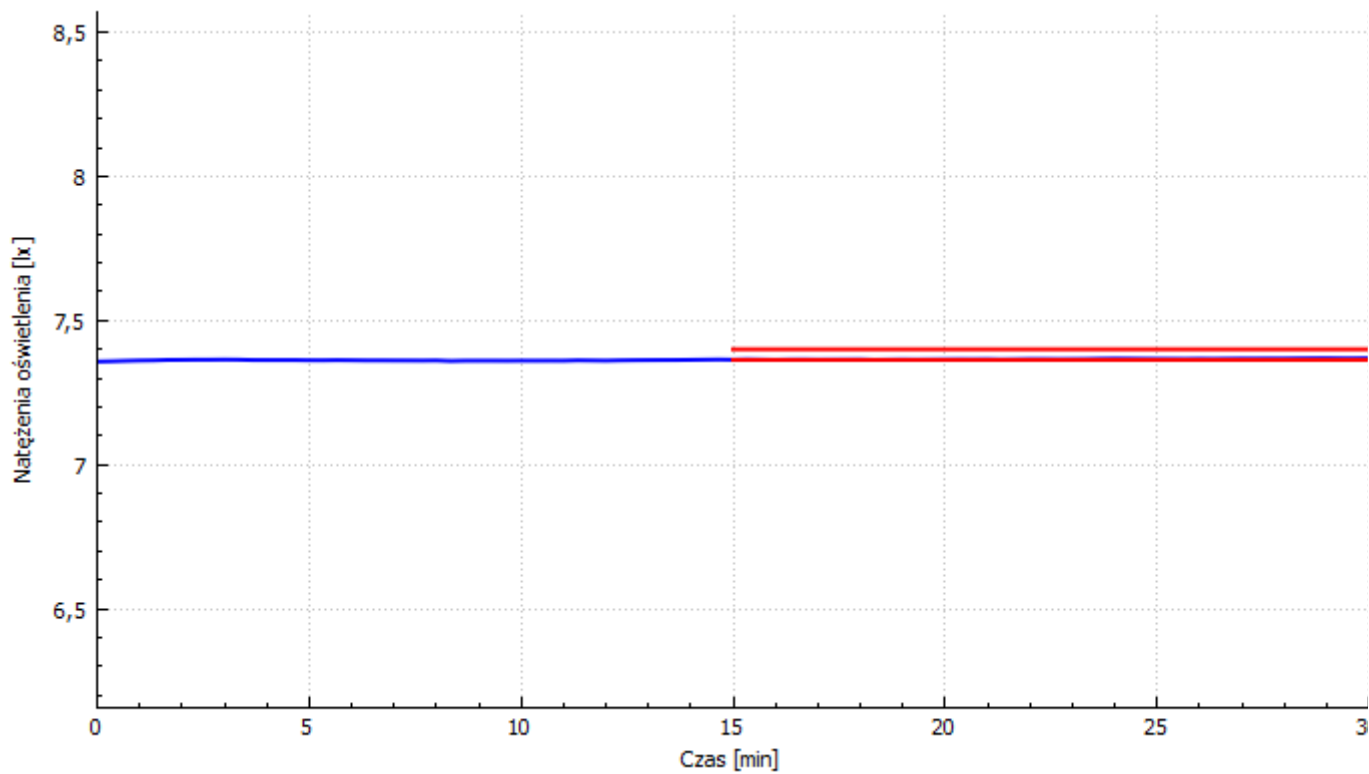
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3D Chart

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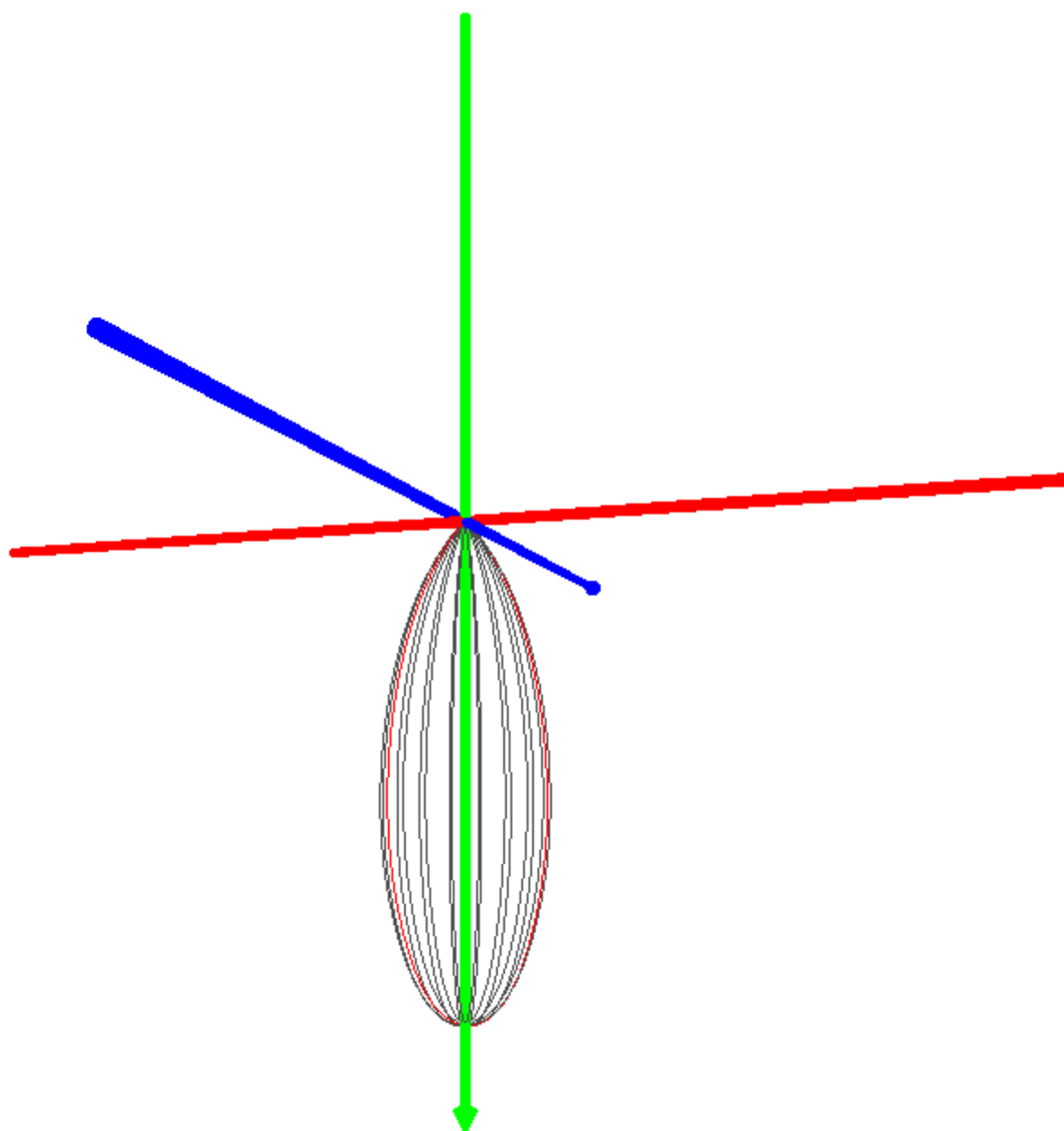
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0,0222	0,357	0,000232
1	100,000	100,000	100,000
2	0,00805	0,250	-0,000128
3	0,00266	7,752	-0,00178
4	0,00305	0,129	-3e-05
5	0,00784	1,152	-0,00044
6	0,00191	0,0376	1,76e-05
7	0,00543	2,621	0,00152
8	0,00199	0,0797	-7,54e-06
9	0,00219	2,008	0,000716
10	0,00207	0	0
11	0,00289	0,504	-0,000225
12	0,0018	0,0474	4,3e-05
13	0,00228	0,639	-0,00013
14	0,00155	0,042	3,55e-05
15	0	0,247	0
16	0,00131	0	0
17	0,00178	0,584	-0,000306
18	0	0,0375	1,22e-05
19	0,0011	0,608	-0,000257
20	0	0	0
21	0,00155	0,325	7,36e-05

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22	0	0,0257	0
23	0,00276	0,331	0,00018
24	0,000872	0,0373	0
25	0	0,241	0,000122
26	0	0	0
27	0,00116	0,270	0,000162
28	0,000848	0	0
29	0	0,326	0,000171
30	0,000837	0	0
31	0,00188	0,258	2,04e-05
32	0,00108	0	0
33	0,00157	0,278	-0,000119
34	0	0,0297	2,58e-05
35	0	0,242	0
36	0,000923	0	0
37	0,000968	0,189	-7,92e-05
38	0	0	0
39	0	0,208	-8,36e-05
40	0	0	0
41	0,00153	0,207	-5,72e-06
42	0	0	0
43	0	0,243	0
44	0	0	0
45	0,000995	0,254	0,000125
46	0,000936	0	0
47	0,00113	0,182	8,85e-05
48	0	0	0
49	0,000894	0,151	7,46e-05
50	0	0,0312	0

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