

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Tetris 10 CCT bk- 3000K*
Item No: *AZ6282*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6282-3000K*
LuminaireName: *Tetris 10 CCT BK -3000K*
LuminaireNumber: *AZ6282*
FileName: *AZ62823000K.Idt*
Date: *2024-04-24*

Dimensions of luminaire

Length: *270 mm*
Width: *45 mm*
Height: *2 mm*

Dimensions of luminous area

Length: *260 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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EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

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Type of lamps: *LED*
Total luminous flux: *693,34 lm*
Color temperatur: *2656 K*
Color rendering index: *97,09*
Wattage including ballast: *19,14 W*

Utilization factors:

$k = 0.60$	<i>0,712</i>
$k = 0.80$	<i>0,757</i>
$k = 1.00$	<i>0,806</i>
$k = 1.25$	<i>0,843</i>
$k = 1.50$	<i>0,871</i>
$k = 2.00$	<i>0,922</i>
$k = 2.50$	<i>0,931</i>
$k = 3.00$	<i>0,944</i>
$k = 4.00$	<i>0,964</i>
$k = 5.00$	<i>0,978</i>

Electrical parameters

U	<i>= 229,700 V</i>
I	<i>= 0,086 A</i>
P	<i>= 19,135 W</i>
Power factor	<i>= 0,964</i>

Power apparent	<i>= 19,847 VA</i>
Power Reactive	<i>= -5,267 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 9,293 %</i>

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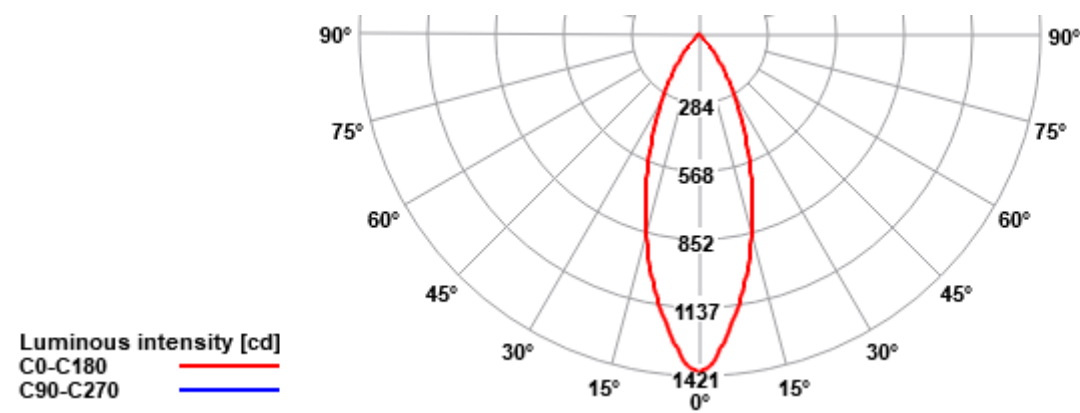
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	693,34 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1406,76 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	36,22 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4609
y	0,4068
Angular Colour Uniformity	0,0019

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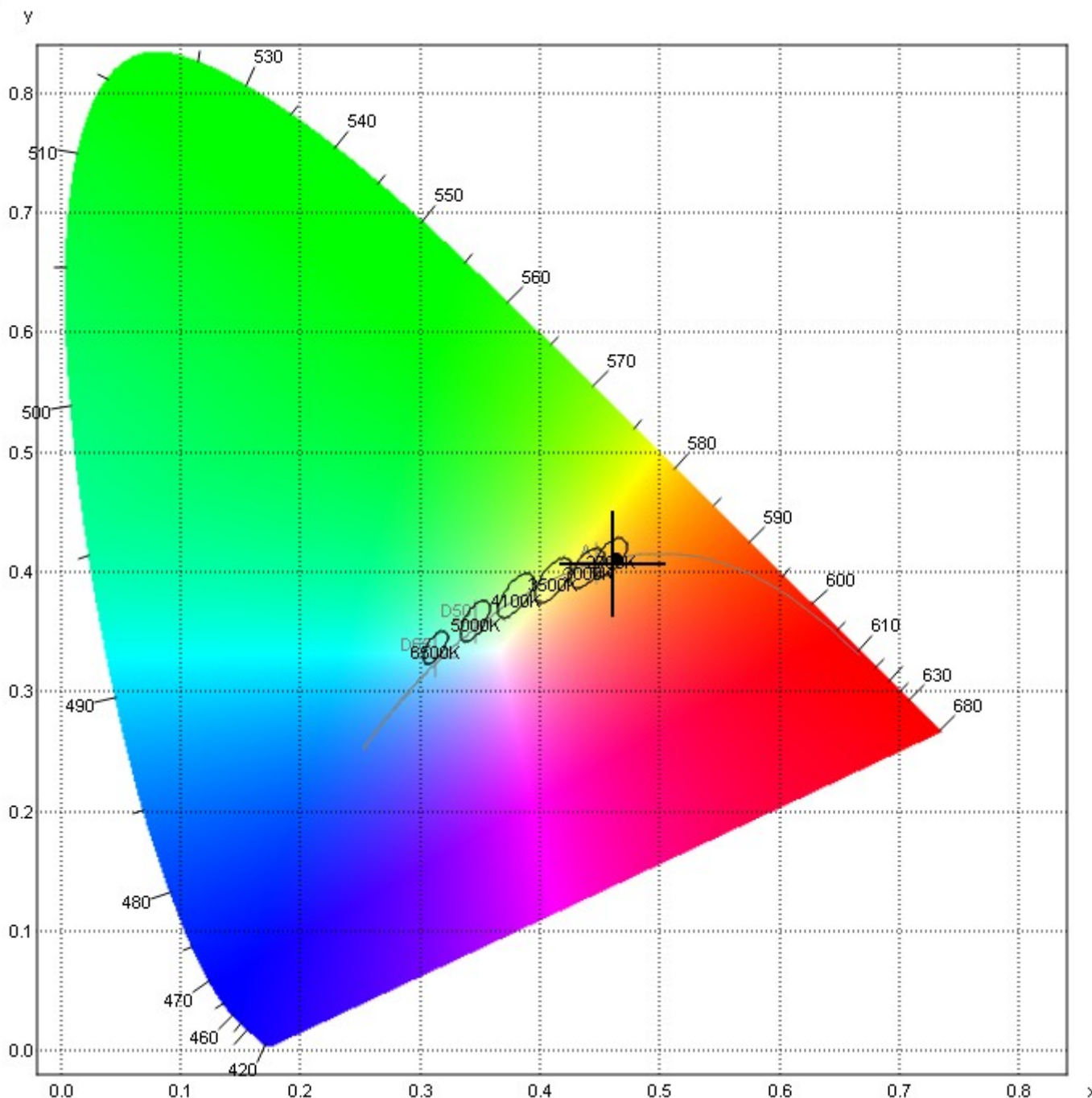
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Beam cone

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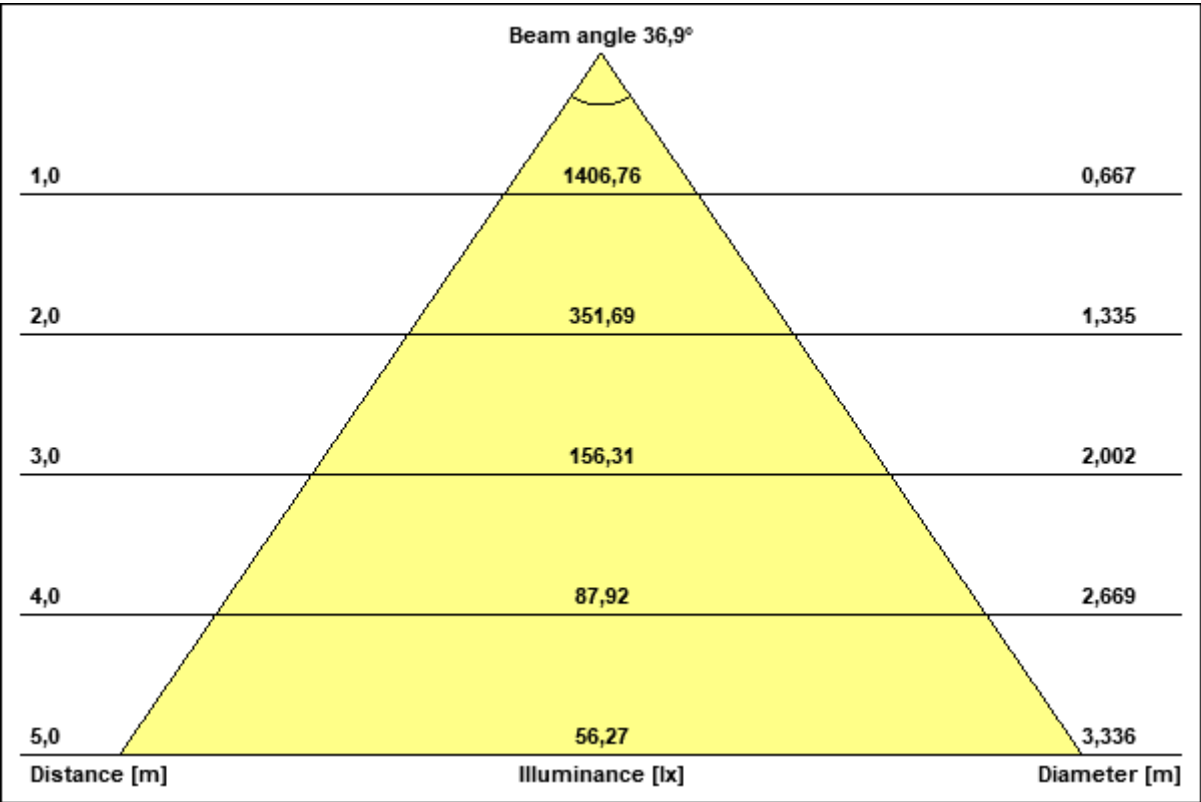
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Stabilization

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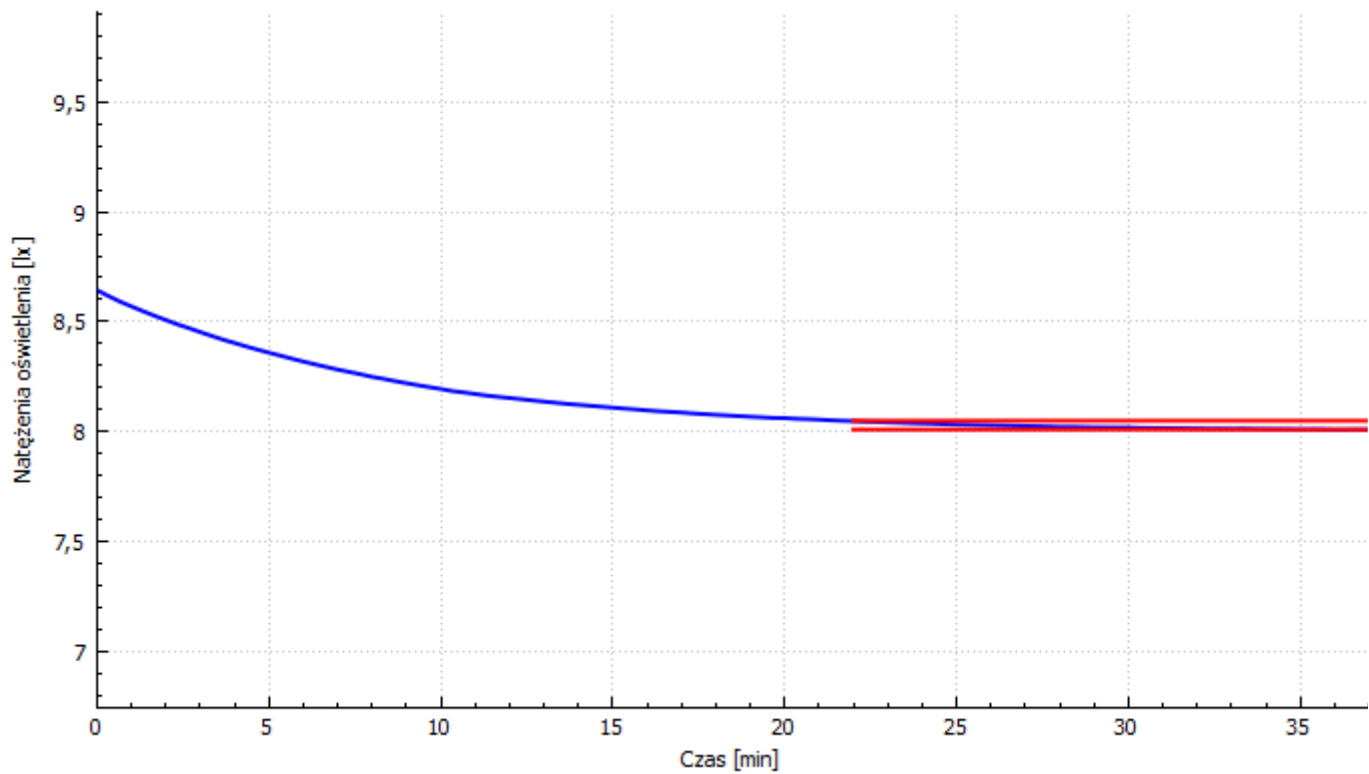
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3D Chart

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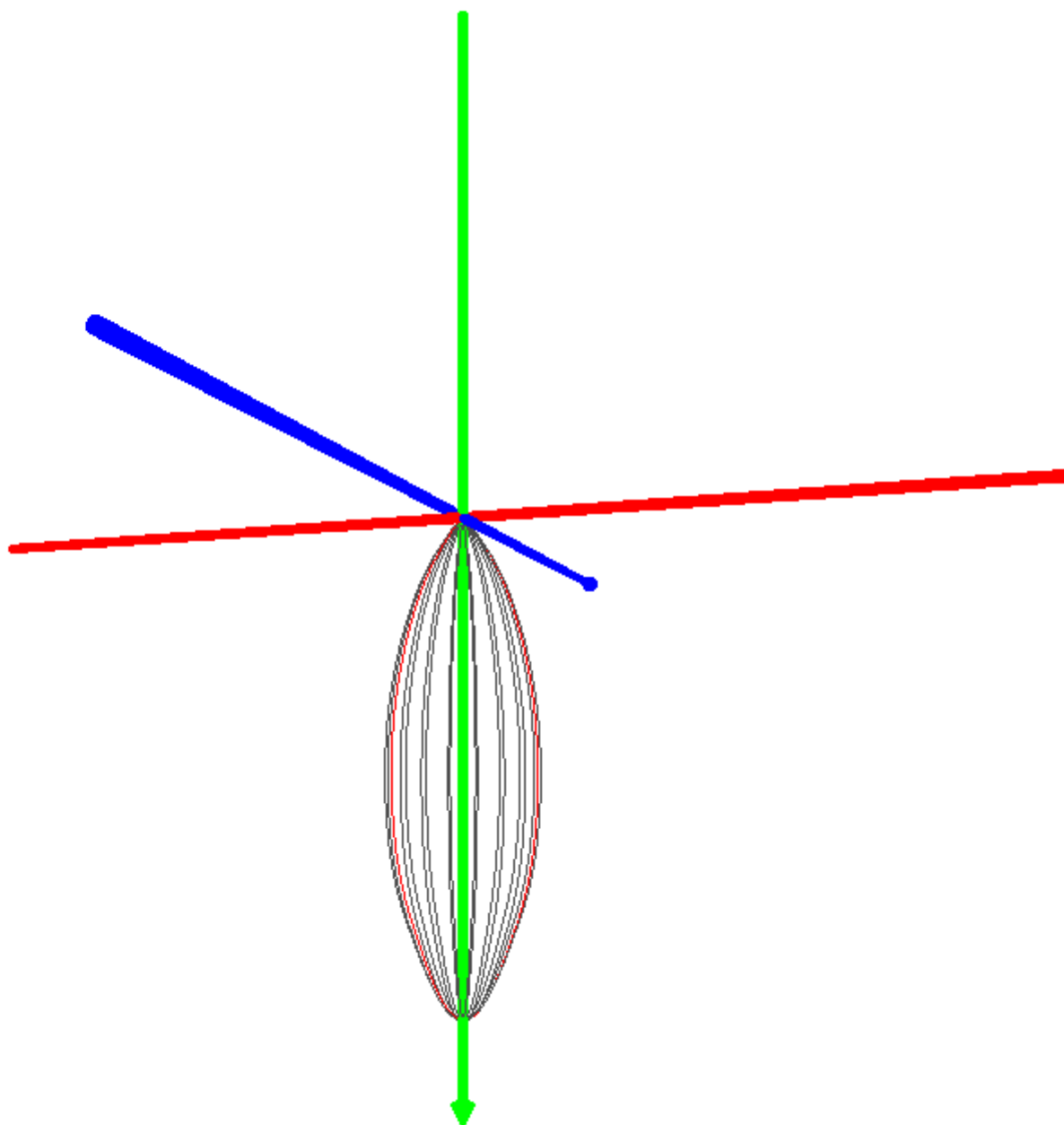
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0,0332	0,404	0,000144
1	100,000	100,000	100,000
2	0,0119	0,260	-8,56e-07
3	0,00232	8,508	-1,81e-05
4	0,00403	0,133	-1,36e-06
5	0,0091	1,279	-0,000101
6	0,00305	0,043	-2,32e-07
7	0,00632	2,543	0,000183
8	0,00299	0,0811	-7,24e-07
9	0,00315	1,867	5,52e-05
10	0,00278	0	0
11	0,00254	0,412	-8,77e-06
12	0,00253	0,0522	8,2e-07
13	0,00238	0,692	-7,95e-06
14	0,00206	0,0396	7,47e-08
15	0	0,197	-2,62e-07
16	0,00156	0	0
17	0,00232	0,554	9,58e-06
18	0,000977	0,0383	0
19	0,00168	0,544	8,57e-06
20	0	0	0
21	0,00187	0,256	4,44e-06

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22	0,000863	0,0286	0
23	0,00258	0,315	-5,16e-06
24	0,00101	0,0358	0
25	0	0,192	0
26	0,0012	0	0
27	0,00156	0,242	6,75e-07
28	0,00126	0	0
29	0	0,280	1,1e-06
30	0,00124	0	0
31	0,00176	0,209	2,52e-06
32	0,00108	0	0
33	0,00189	0,247	5,24e-06
34	0	0,0292	0
35	0,000955	0,188	1,01e-06
36	0,00103	0	0
37	0,00181	0,145	1,53e-06
38	0	0	0
39	0,000878	0,174	1,37e-06
40	0,000987	0	0
41	0,00169	0,163	2,19e-06
42	0	0	0
43	0	0,219	0
44	0	0	0
45	0,00137	0,201	-2,68e-06
46	0	0	0
47	0,000909	0,126	-1,21e-06
48	0	0,0271	0
49	0,000874	0,111	0
50	0,00101	0,0296	0

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