

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Lotte 3line CCT Switch*
Item No: *AZ6088*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6088_3000K*
LuminaireName: *Lotte Track 3Line CCT Switch*
LuminaireNumber: *AZ6088*
FileName: *AZ6088_3000K.Idt*
Date: *2024-09-13*

Dimensions of luminaire

Length: *65 mm*
Width: *0 mm*
Height: *230 mm*

Dimensions of luminous area

Length: *45 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*

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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

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Type of lamps: *LED*
Total luminous flux: *1454,32 lm*
Color temperatur: *2731 K*
Color rendering index: *92,05*
Wattage including ballast: *22,79 W*

Utilization factors:

k = 0.60	<i>0,711</i>
k = 0.80	<i>0,756</i>
k = 1.00	<i>0,804</i>
k = 1.25	<i>0,841</i>
k = 1.50	<i>0,868</i>
k = 2.00	<i>0,920</i>
k = 2.50	<i>0,929</i>
k = 3.00	<i>0,942</i>
k = 4.00	<i>0,963</i>
k = 5.00	<i>0,977</i>

Electrical parameters

<i>U</i>	<i>= 229,628 V</i>
<i>I</i>	<i>= 0,105 A</i>
<i>P</i>	<i>= 22,786 W</i>
<i>Power factor</i>	<i>= 0,947</i>

<i>Power apparent</i>	<i>= 24,057 VA</i>
<i>Power Reactive</i>	<i>= -7,714 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 8,214 %</i>

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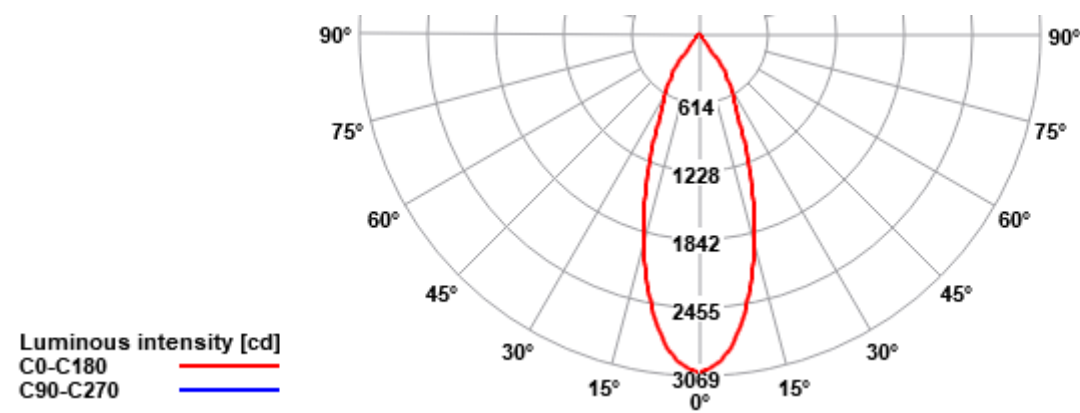
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1454,32 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	3038,98 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	63,81 lm/W

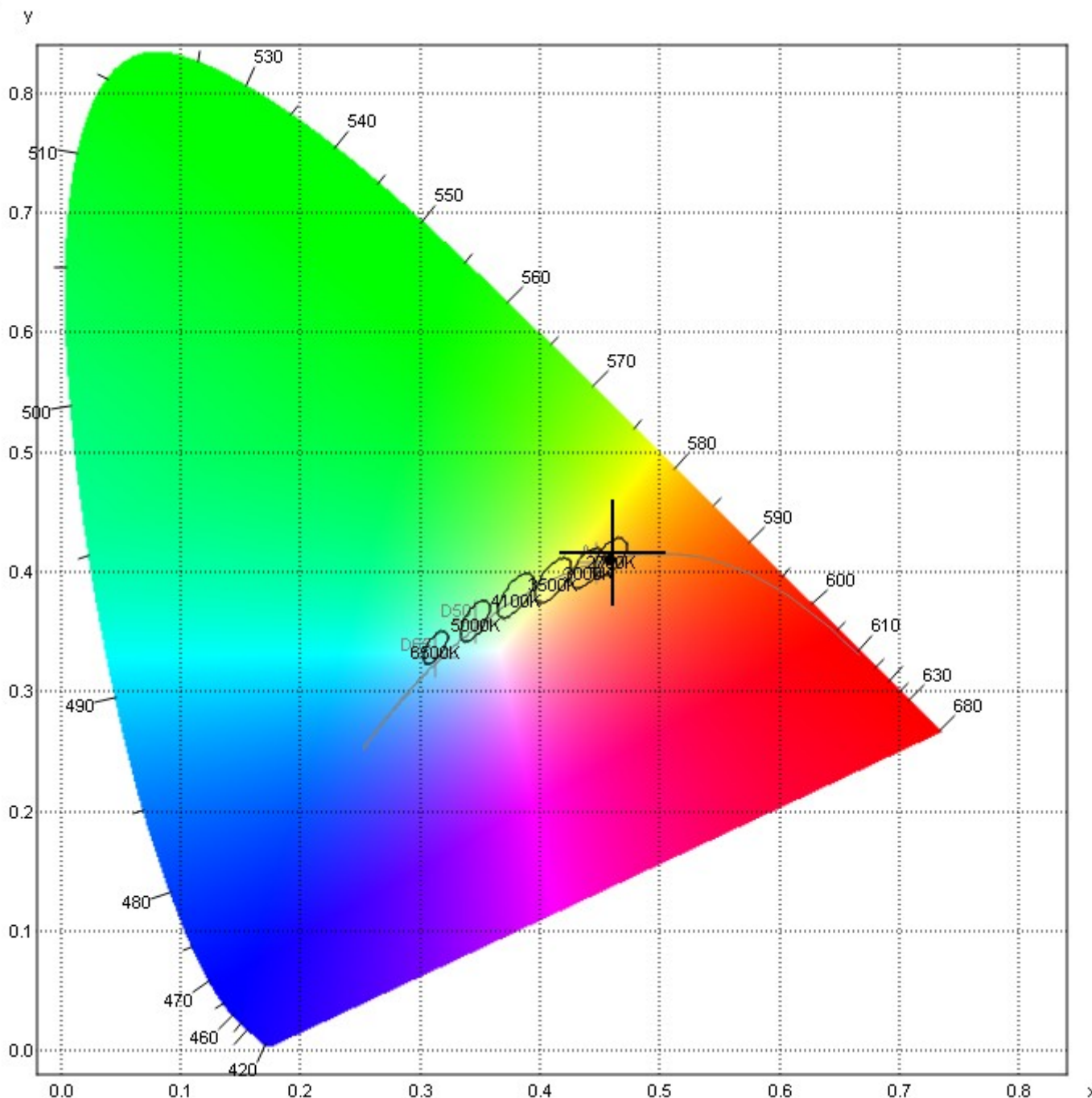
Light intensity distribution diagram



CIE 1931 diagram

x	0,4604
y	0,4157
Angular Colour Uniformity	0,0015

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Beam cone

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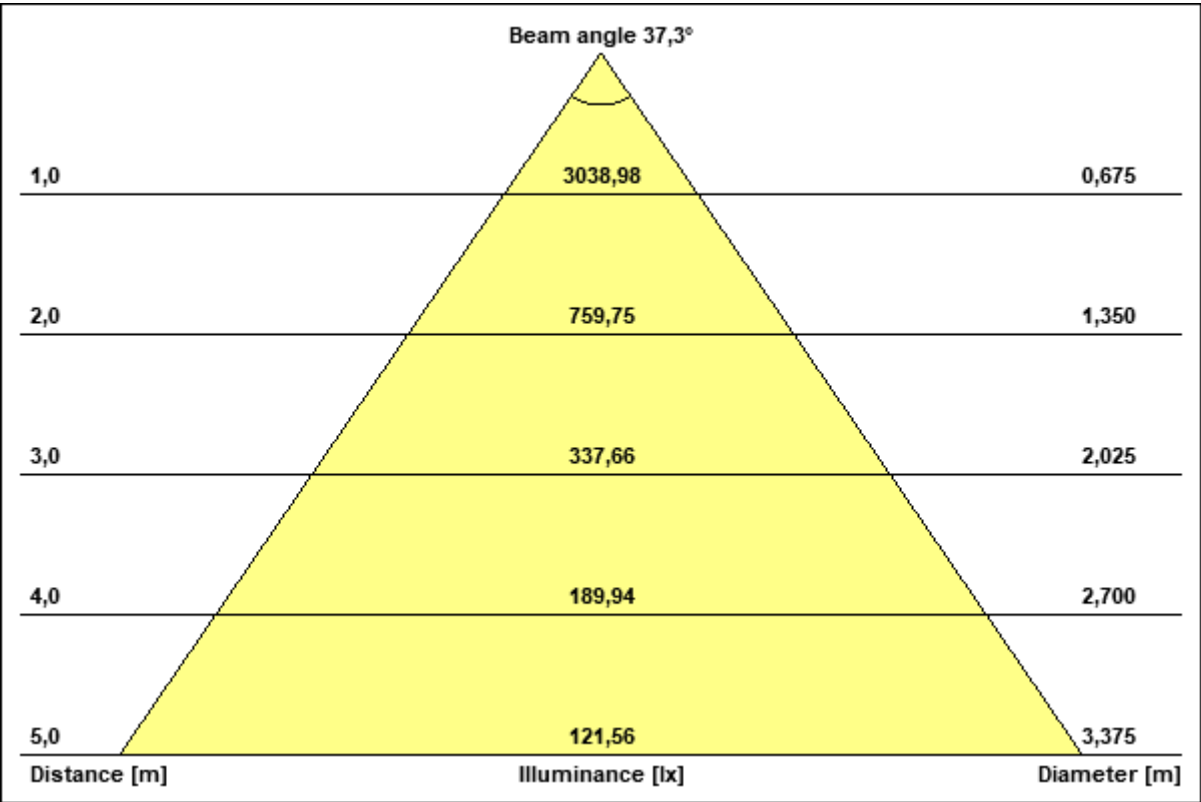
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Stabilization

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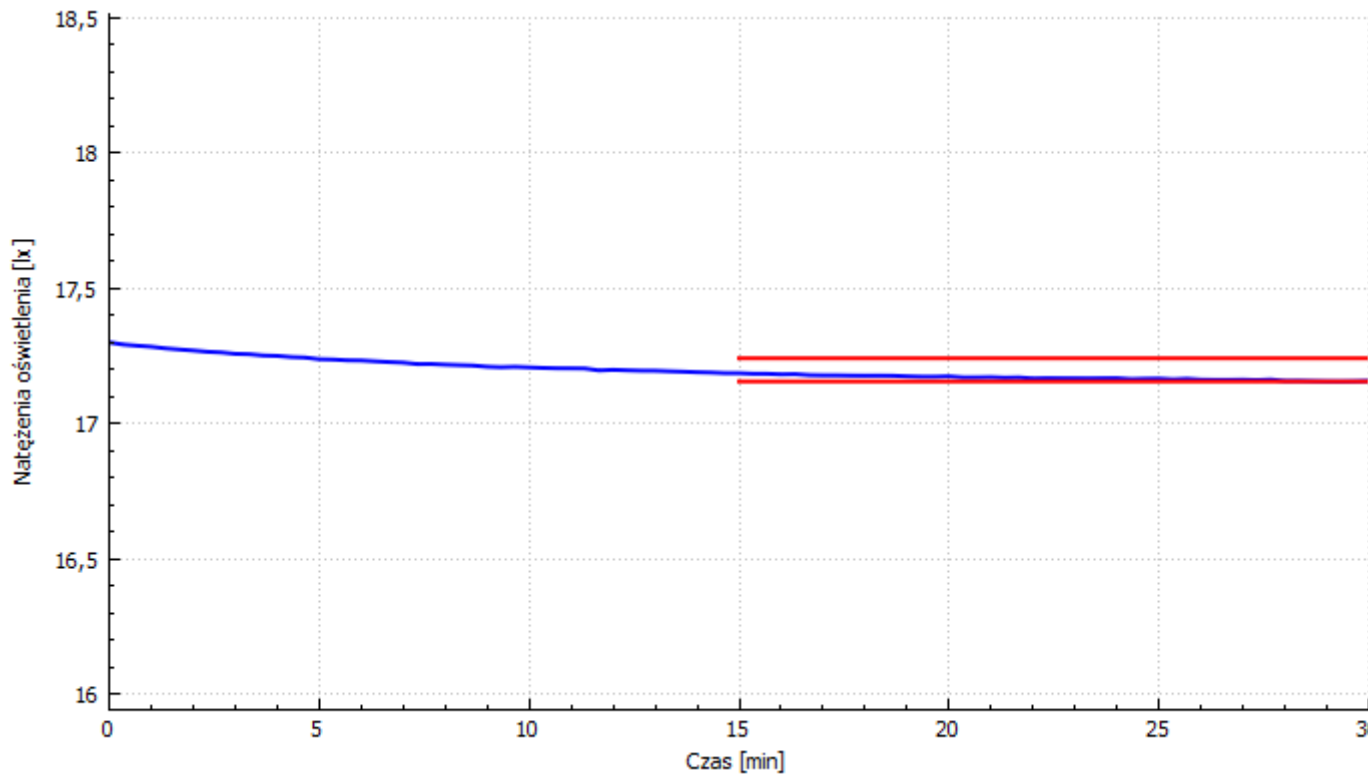
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3D Chart

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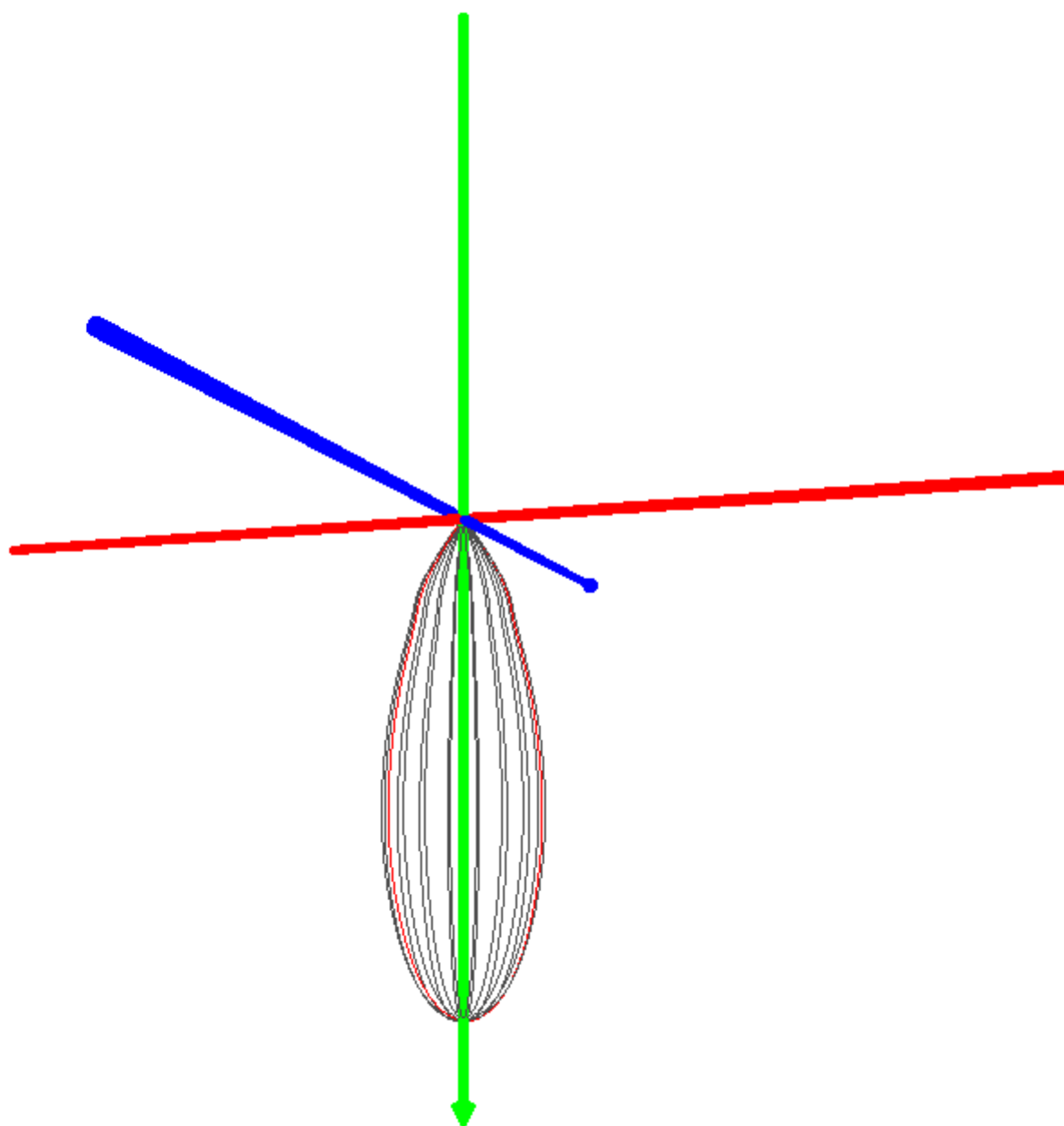
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

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P(%f)			
-------	--	--	--

0	0,0118	0	0
1	100,000	100,000	100,000
2	0,00674	0	0
3	0,00184	4,968	-0,000219
4	0,00189	0	0
5	0,00689	3,489	-0,000179
6	0,00171	0	0
7	0,0033	3,666	-7,56e-05
8	0,00126	0	0
9	0,00264	2,700	4,58e-06
10	0,0016	0	0
11	0,00578	1,706	1,23e-05
12	0,0011	0	0
13	0,0029	1,133	-1,53e-05
14	0	0	0
15	0,00155	0,896	1,06e-05
16	0	0	0
17	0,00232	0,670	1,34e-05
18	0	0	0
19	0	0,752	-5,87e-06
20	0	0	0
21	0,00204	0,948	-1,61e-05

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22	0	0	0
23	0,00446	0,924	6,09e-06
24	0	0	0
25	0,00179	0,573	7,05e-06
26	0,000957	0	0
27	0	0,226	0
28	0,000839	0	0
29	0	0,339	0
30	0,00103	0	0
31	0,00169	0,370	-3,07e-06
32	0	0	0
33	0,0012	0,359	-1,77e-06
34	0	0	0
35	0,00202	0,515	-3,11e-06
36	0	0	0
37	0,00185	0,552	5,9e-07
38	0,000876	0	0
39	0,00111	0,380	8,75e-07
40	0,00093	0	0
41	0,00178	0,248	-3,73e-06
42	0,000907	0	0
43	0,00205	0,450	-2,12e-06
44	0	0	0
45	0,00246	0,537	5,19e-06
46	0,00104	0	3,15e-08
47	0,00239	0,417	8,49e-06
48	0	0	0
49	0,00254	0,171	3,51e-06
50	0	0	0

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