

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Alfa DALI Niko Track Magnetic 20W CCT Switch*

Item No: *AZ6287*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6287_3000*

LuminaireName: *Alfa DALI Kira Track Magnetic 24W CCT Dimm*

LuminaireNumber: *AZ6287*

FileName: *AZ6287_3000.ldt*

Date: *2024-09-27*

Dimensions of luminaire

Length: *435 mm*

Width: *24 mm*

Height: *60 mm*

Dimensions of luminous area

Length: *415 mm*

Width: *14 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: *1568,38 lm*
Color temperatur: *3965 K*
Color rendering index: *94,56*
Wattage including ballast: *26,52 W*

Utilization factors:

k = 0.60	<i>0,721</i>
k = 0.80	<i>0,764</i>
k = 1.00	<i>0,812</i>
k = 1.25	<i>0,848</i>
k = 1.50	<i>0,875</i>
k = 2.00	<i>0,925</i>
k = 2.50	<i>0,933</i>
k = 3.00	<i>0,946</i>
k = 4.00	<i>0,966</i>
k = 5.00	<i>0,980</i>

Electrical parameters

<i>U</i>	<i>= 229,576 V</i>
<i>I</i>	<i>= 0,175 A</i>
<i>P</i>	<i>= 26,520 W</i>
<i>Power factor</i>	<i>= 0,660</i>

<i>Power apparent</i>	<i>= 40,201 VA</i>
<i>Power Reactive</i>	<i>= -30,217 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 21,589 %</i>

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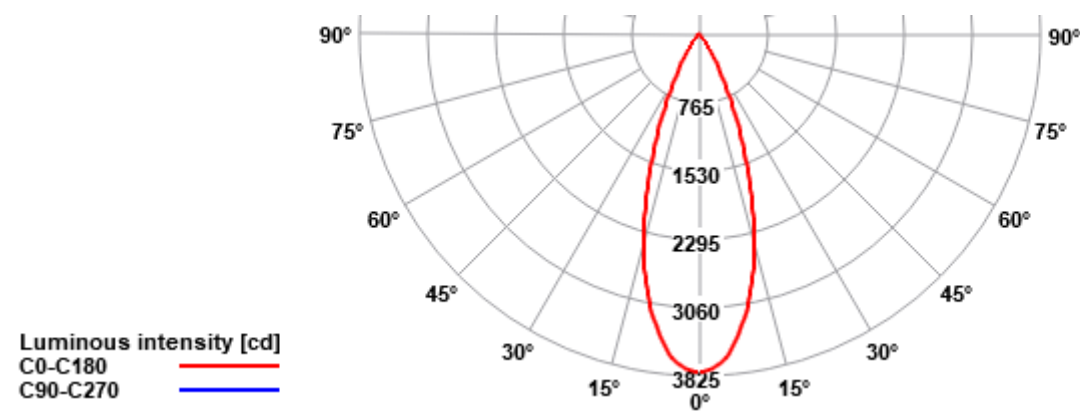
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1568,38 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	3787,07 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	59,14 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3779
y	0,3628
Angular Colour Uniformity	0,0171

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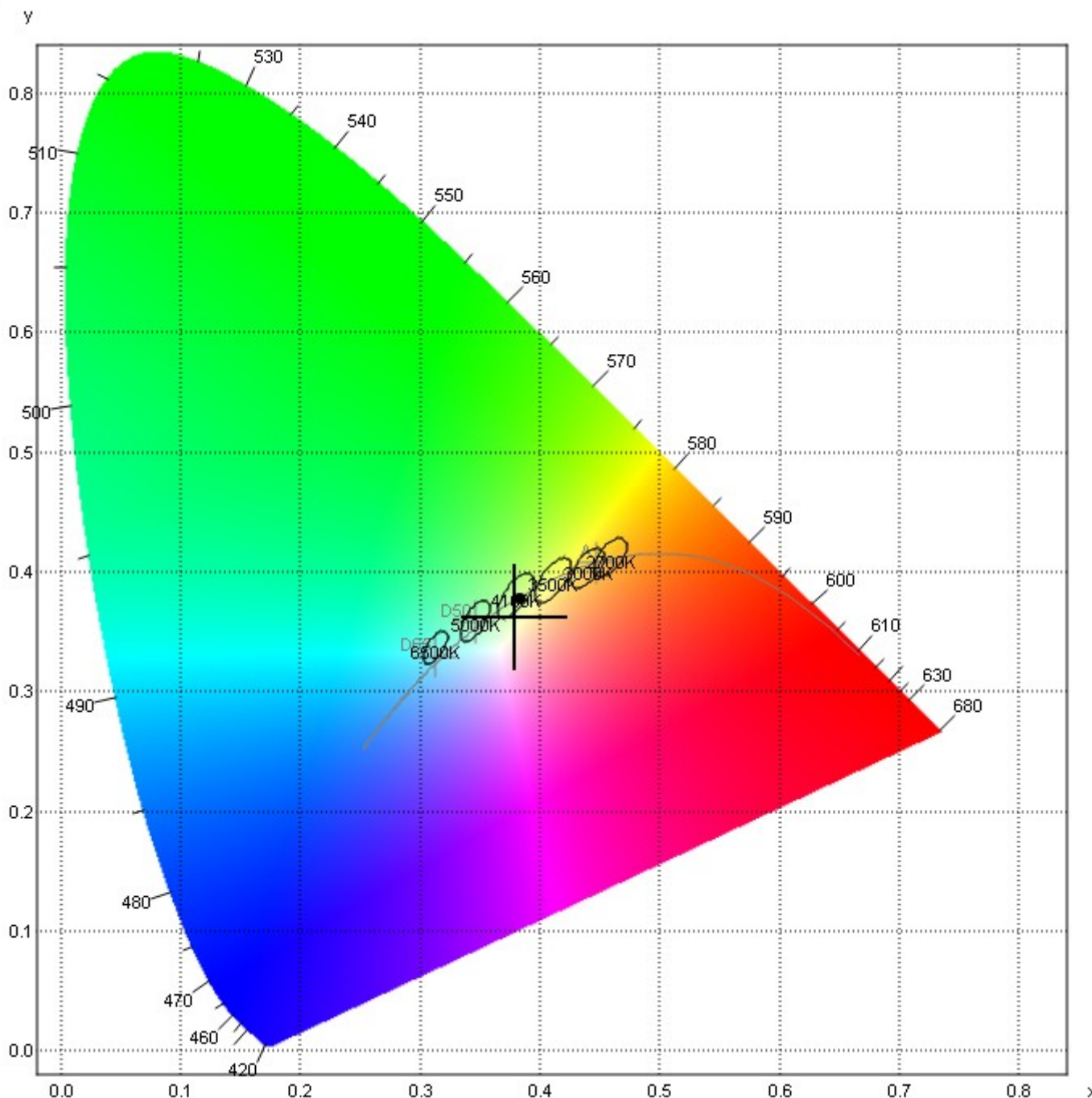
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Beam cone

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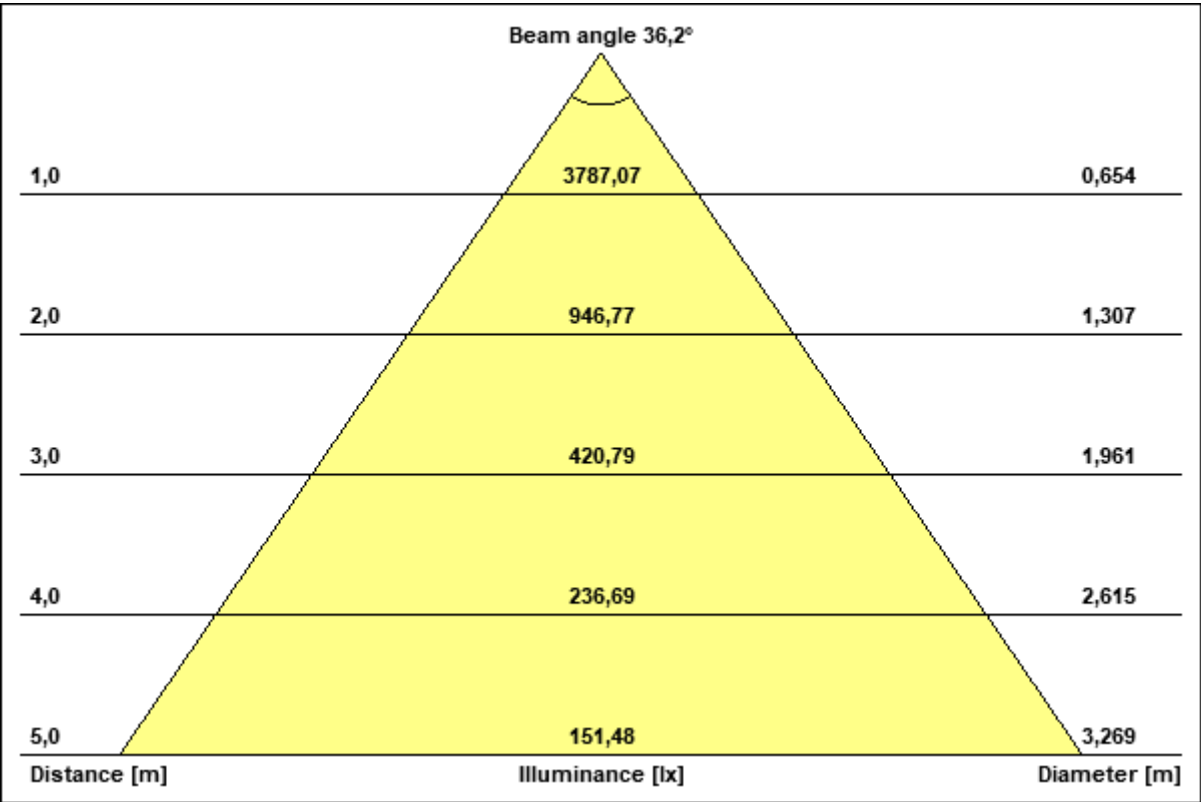
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Stabilization

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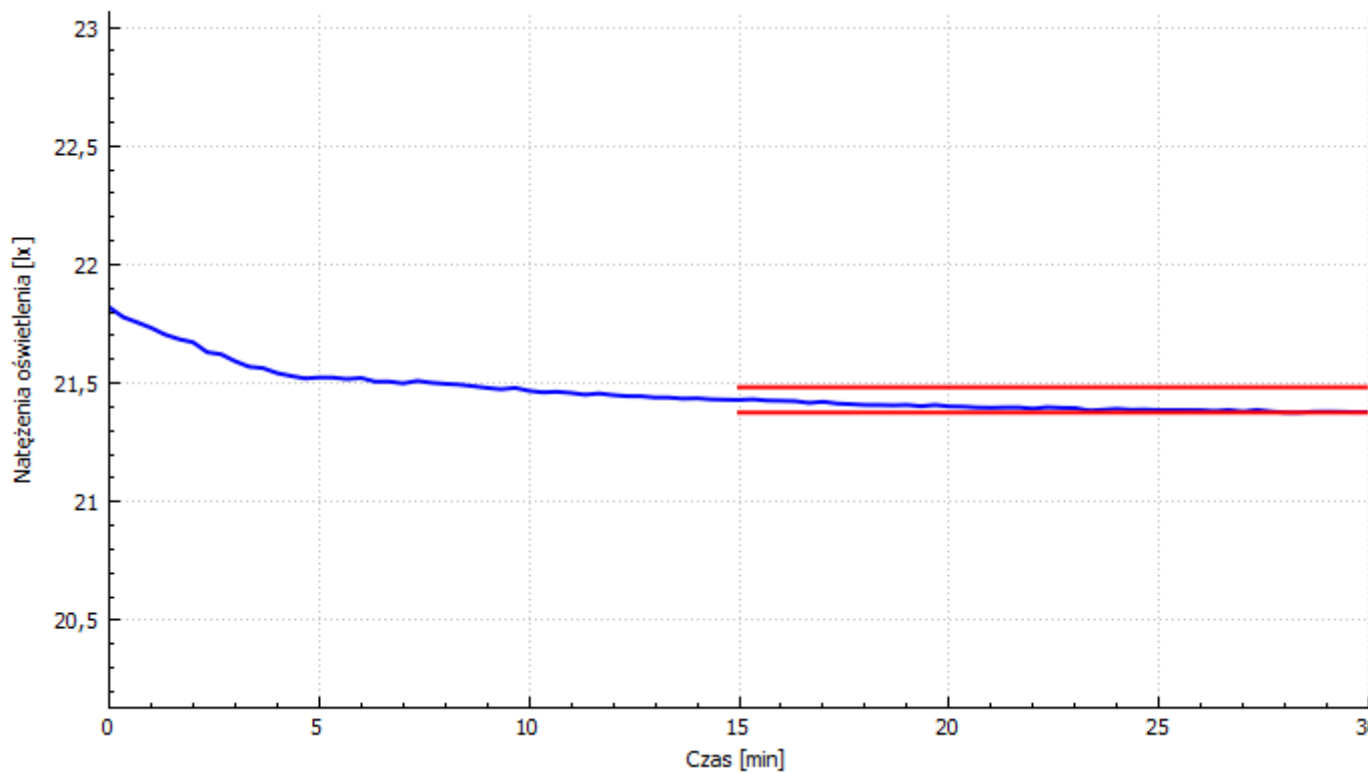
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3D Chart

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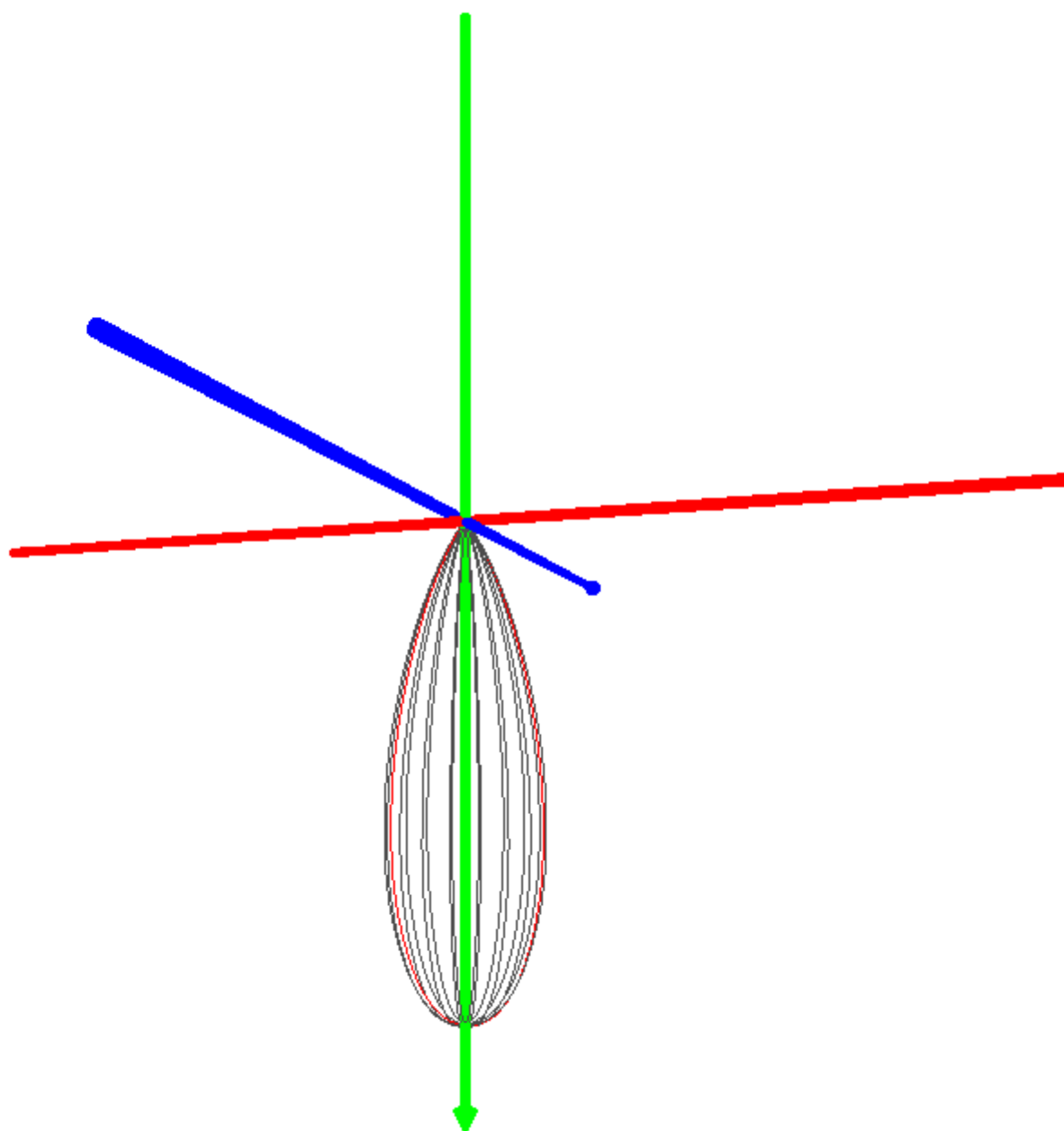
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
end
ed
elec
tric
al
rep
ort**

U(%f)			I(%f)	P(%f)
Ext end elec tric al rep ort				
0	0,0023	0	-5,36e-08	
1	100,000	100,000	100,000	
2	0,00485	0	2,96e-07	
3	0,00661	7,888	0,000457	
4	0,0018	0,0439	-3,9e-07	
5	0,0221	14,511	0,00436	
6	0	0,0479	9,95e-08	
7	0,0102	5,812	0,000856	
8	0	0,0483	-2,89e-08	
9	0,0103	6,649	0,000793	
10	0	0	0	
11	0,00743	4,064	0,000103	
12	0	0,0498	0	
13	0,00758	3,824	0,000159	
14	0	0,0646	0	
15	0,00717	4,102	0,000273	
16	0	0,0407	-3,93e-08	
17	0,00471	2,379	0,000118	
18	0	0,0288	0	
19	0,0103	4,039	0,000346	
20	0	0,041	0	
21	0,00391	0,960	5,58e-05	

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22	0	0,0372	0
23	0,0112	3,489	0,000125
24	0	0	0
25	0,00337	0,740	1,48e-05
26	0	0,0336	0
27	0,00834	2,787	0,000173
28	0	0,0282	0
29	0,00248	0,747	1,13e-06
30	0,000982	0,0427	1,04e-08
31	0,00797	2,225	8,11e-05
32	0	0,042	0
33	0,0036	1,142	3,1e-05
34	0	0,0337	2,91e-07
35	0,00683	1,836	4,77e-05
36	0,00108	0	3,81e-07
37	0,00739	1,494	4,61e-05
38	0,000841	0,0584	0
39	0,00783	1,518	5,35e-05
40	0	0,0368	-4,13e-07
41	0,00547	1,564	1,07e-05
42	0,00105	0,0392	-1,63e-07
43	0,00571	1,212	1,36e-05
44	0,00124	0,0327	0
45	0,011	1,825	0,000101
46	0,000902	0,053	2,03e-07
47	0,00629	1,089	2,84e-05
48	0,00136	0,0707	2,79e-07
49	0,01	1,682	4,08e-05
50	0,00139	0,0893	1,09e-06

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