

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Slim 22 Square 4000K IP44*
Item No: *AZ4331*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4331*
LuminaireName: *Slim 22 Square 4000K IP44*
LuminaireNumber: *AZ4331*
FileName: *AZ4331.Idt*
Date: *2024-07-17*

Dimensions of luminaire

Length: *220 mm*
Width: *220 mm*
Height: *10 mm*

Dimensions of luminous area

Length: *205 mm*
Width: *205 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

Kapitał 200.000PLN

Type of lamps: *LED*
Total luminous flux: *1861,01 lm*
Color temperatur: *3911 K*
Color rendering index: *91,39*
Wattage including ballast: *21,70 W*

Utilization factors:

k = 0.60	<i>0,291</i>
k = 0.80	<i>0,375</i>
k = 1.00	<i>0,450</i>
k = 1.25	<i>0,523</i>
k = 1.50	<i>0,580</i>
k = 2.00	<i>0,667</i>
k = 2.50	<i>0,717</i>
k = 3.00	<i>0,755</i>
k = 4.00	<i>0,808</i>
k = 5.00	<i>0,841</i>

Electrical parameters

<i>U</i>	<i>= 229,664 V</i>
<i>I</i>	<i>= 0,206 A</i>
<i>P</i>	<i>= 21,696 W</i>
<i>Power factor</i>	<i>= 0,459</i>

<i>Power apparent</i>	<i>= 47,268 VA</i>
<i>Power Reactive</i>	<i>= -41,994 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 183,038 %</i>

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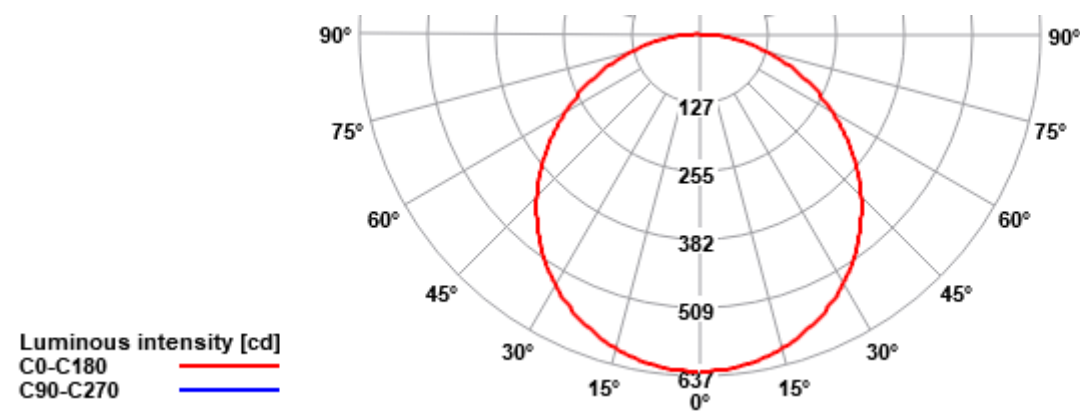
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1861,01 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	630,28 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	85,76 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3853
y	0,3819
Angular Colour Uniformity	0,0007

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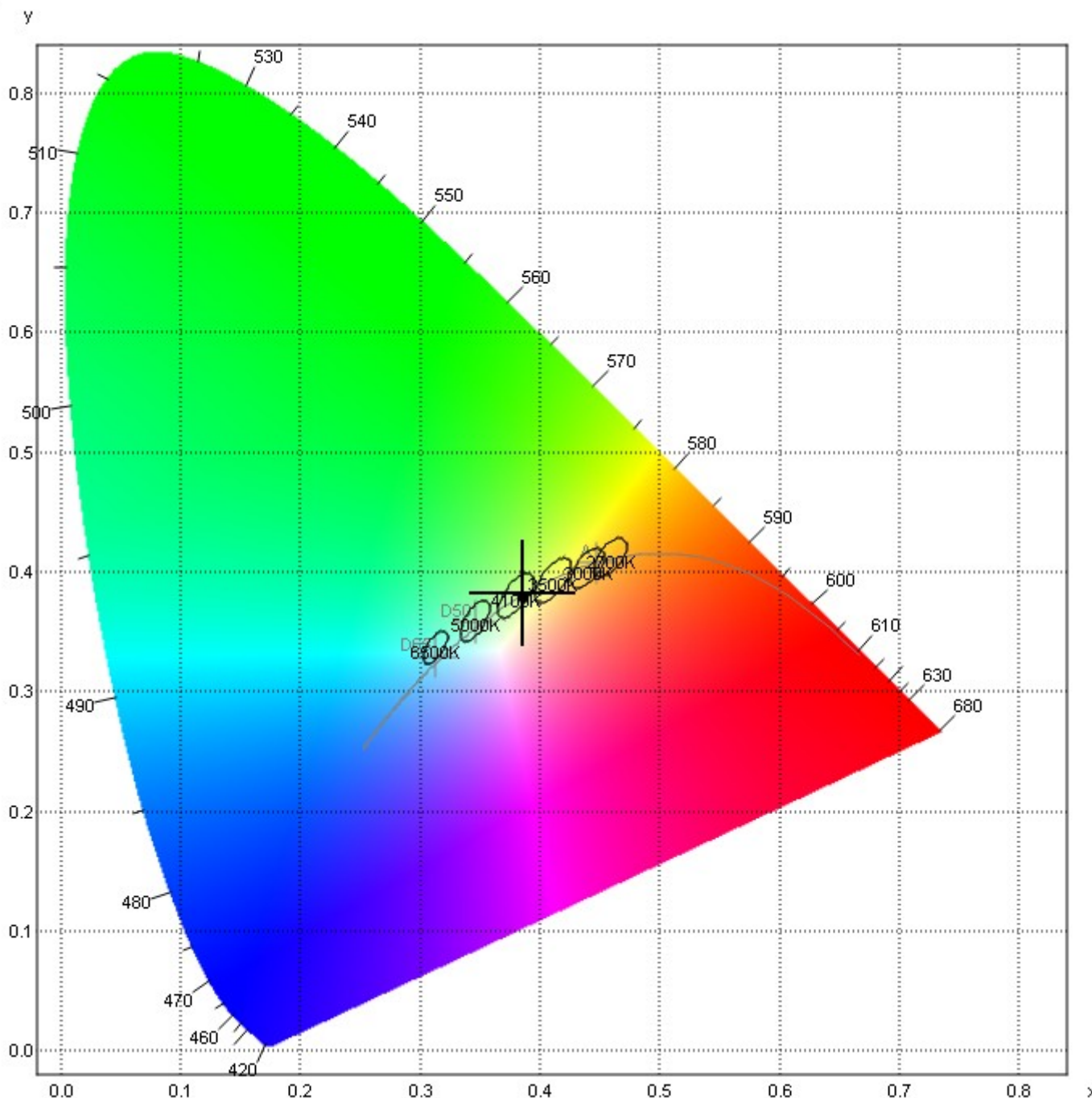
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Beam cone

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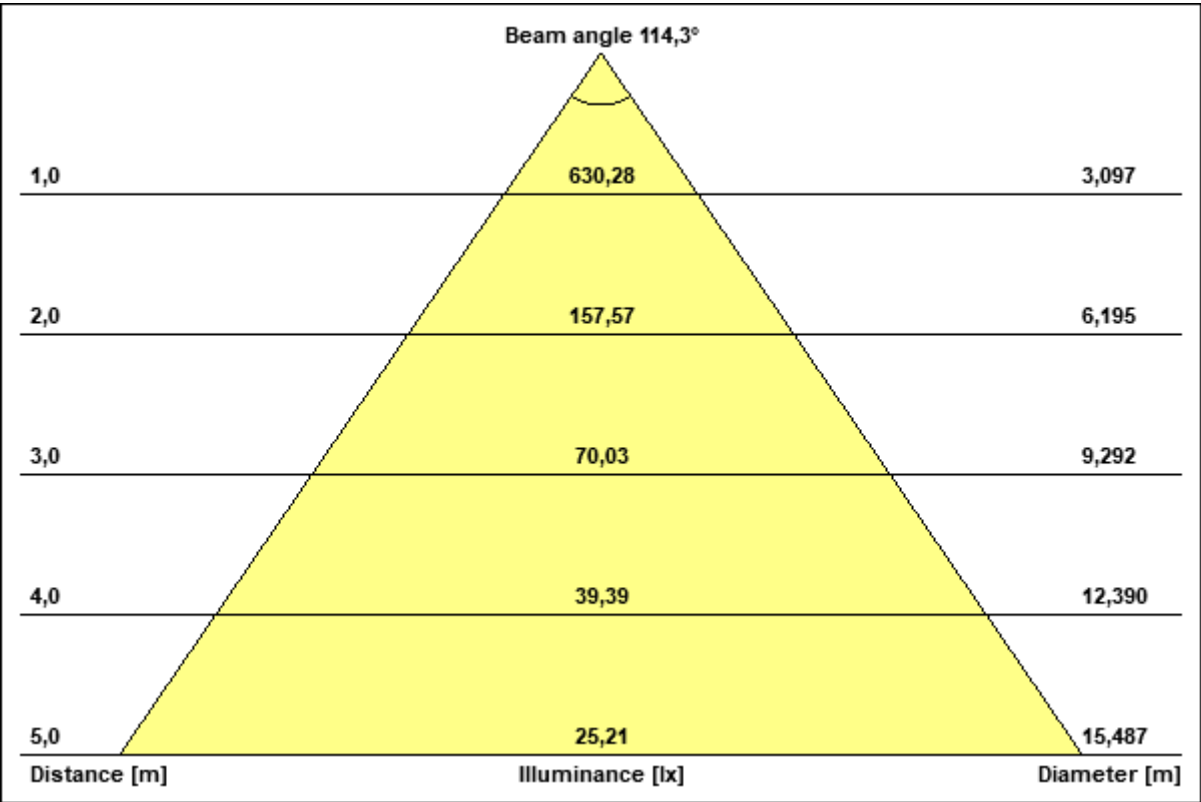
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Stabilization

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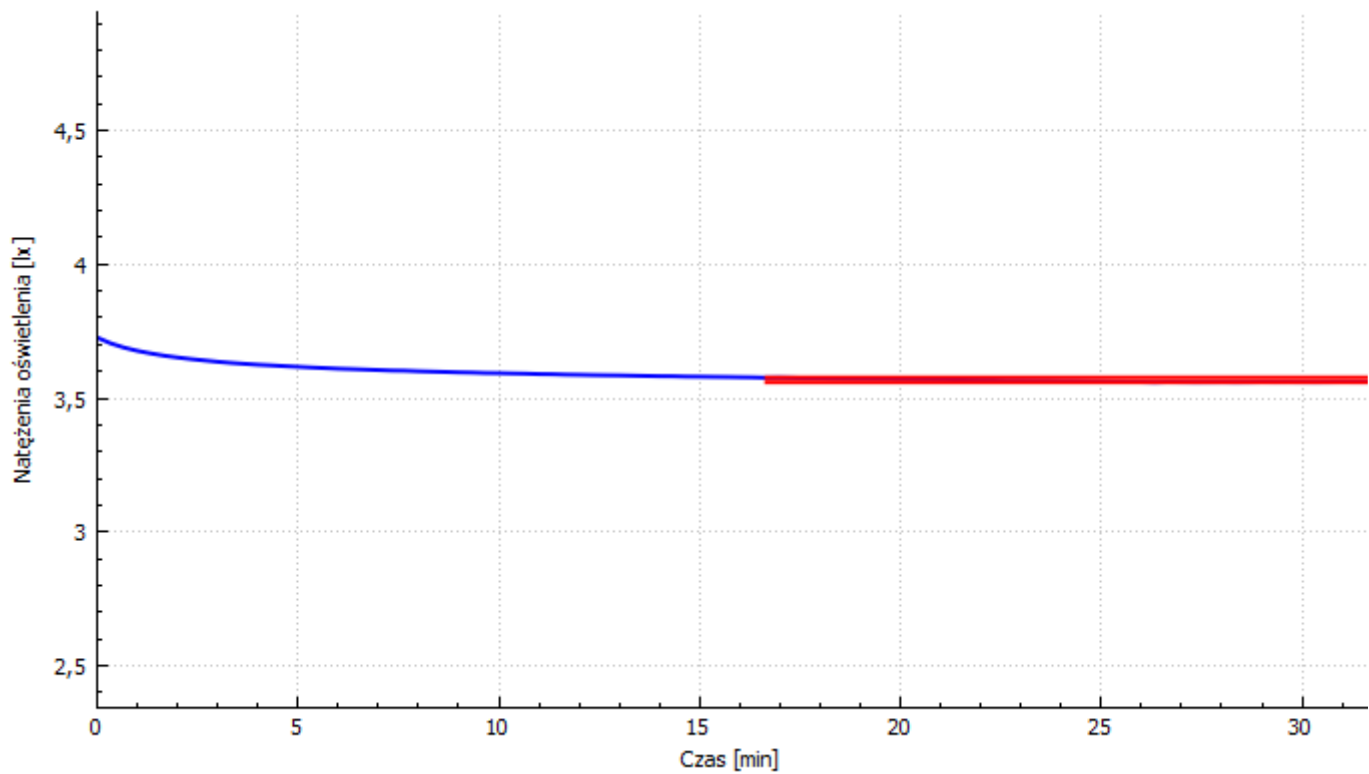
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3D Chart

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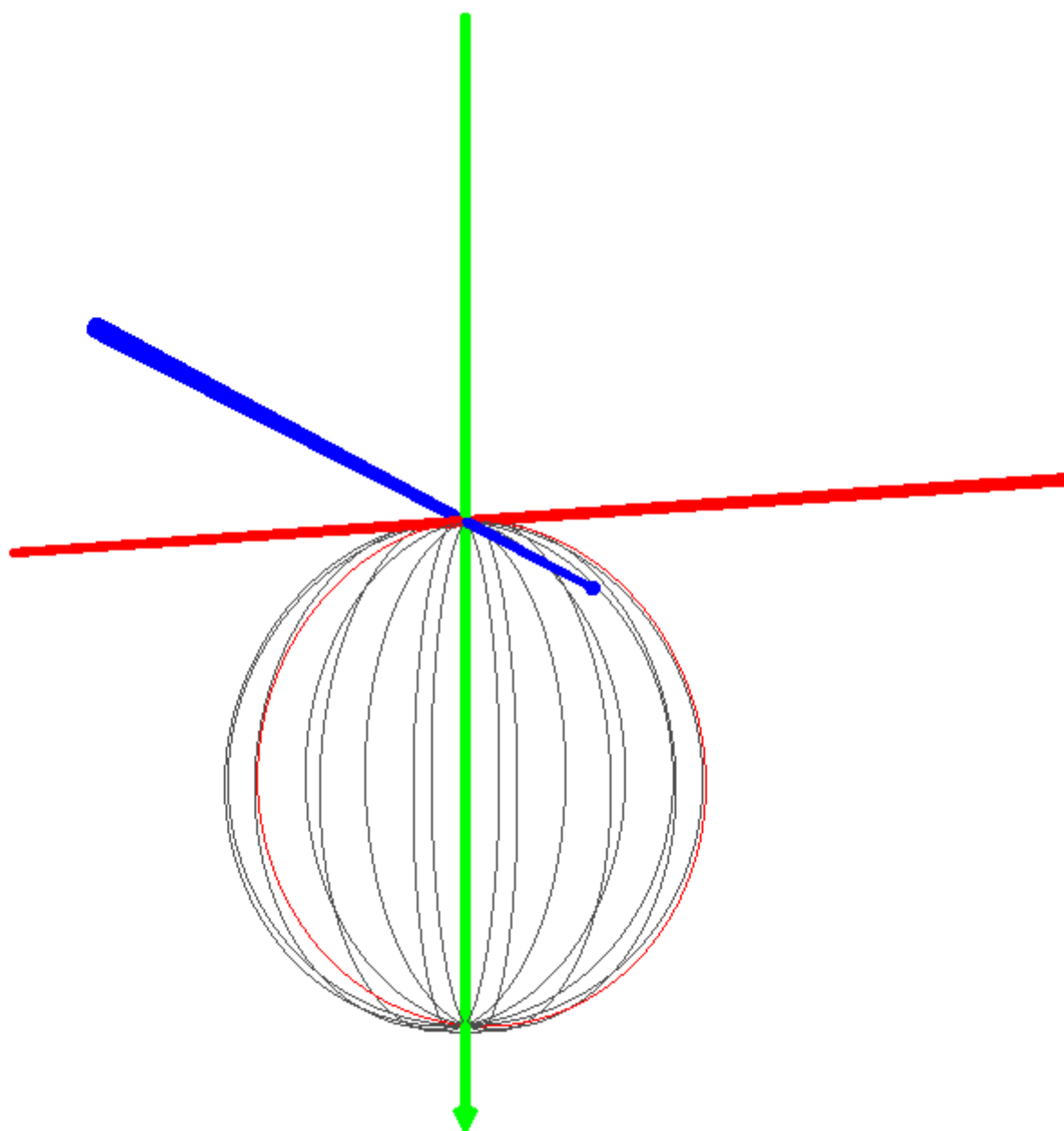
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Extended
electrical
report

			P(%f)
0	0,00328	0,976	-5,19e-05
1	100,000	100,000	100,000
2	0,00922	0	0
3	0,0758	93,725	0,0717
4	0,00379	0	0
5	0,0765	82,541	0,0622
6	0,00277	0	0
7	0,0643	67,862	0,0406
8	0,00184	0	0
9	0,0511	52,016	0,0234
10	0,00231	0	0
11	0,0379	37,825	0,0115
12	0,00119	0	1,65e-06
13	0,0331	28,375	0,00648
14	0,00103	0	-8,11e-07
15	0,0311	25,171	0,00572
16	0,00203	0,161	1,39e-06
17	0,0364	25,561	0,00574
18	0,00089	0,211	2,35e-06
19	0,0366	25,858	0,00566
20	0,00119	0,265	1,2e-06
21	0,0386	24,753	0,00488

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22	0,00213	0,289	4,93e-06
23	0,0355	22,839	0,00376
24	0,00112	0,309	1,23e-06
25	0,0374	21,533	0,00401
26	0,0021	0,381	2,84e-06
27	0,0412	21,844	0,00384
28	0,00281	0,558	7,66e-06
29	0,0465	23,411	0,00467
30	0,00267	0,767	1,44e-05
31	0,0511	25,078	0,00504
32	0,00411	0,993	2,61e-05
33	0,0578	25,886	0,00559
34	0,0043	1,196	3,71e-05
35	0,059	25,491	0,00522
36	0,00499	1,341	4,71e-05
37	0,0578	23,948	0,00462
38	0,00443	1,400	4,1e-05
39	0,0547	21,601	0,00393
40	0,00394	1,360	5,74e-05
41	0,0492	18,806	0,00302
42	0,00408	1,224	3,2e-05
43	0,0442	15,906	0,00207
44	0,00178	1,012	1,68e-05
45	0,0369	13,134	0,00129
46	0,00233	0,767	1,16e-05
47	0,0327	10,666	0,000818
48	0,00149	0,528	1,1e-05
49	0,0269	8,618	0,000676
50	0	0,329	0

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