

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Slim 22 Round 3000K IP44*
Item No: *AZ4163*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4163*
LuminaireName: *Slim 22 Round 3000K IP44*
LuminaireNumber: *AZ4163*
FileName: *AZ4163.Idt*
Date: *2024-07-16*

Dimensions of luminaire

Length: *220 mm*
Width: *0 mm*
Height: *10 mm*

Dimensions of luminous area

Length: *205 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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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: *1826,80 lm*
Color temperatur: *2806 K*
Color rendering index: *91,34*
Wattage including ballast: *21,67 W*

Utilization factors:

k = 0.60	<i>0,292</i>
k = 0.80	<i>0,376</i>
k = 1.00	<i>0,451</i>
k = 1.25	<i>0,524</i>
k = 1.50	<i>0,581</i>
k = 2.00	<i>0,669</i>
k = 2.50	<i>0,719</i>
k = 3.00	<i>0,757</i>
k = 4.00	<i>0,809</i>
k = 5.00	<i>0,842</i>

Electrical parameters

<i>U</i>	<i>= 229,679 V</i>
<i>I</i>	<i>= 0,207 A</i>
<i>P</i>	<i>= 21,671 W</i>
<i>Power factor</i>	<i>= 0,455</i>

<i>Power apparent</i>	<i>= 47,654 VA</i>
<i>Power Reactive</i>	<i>= -42,435 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 185,305 %</i>

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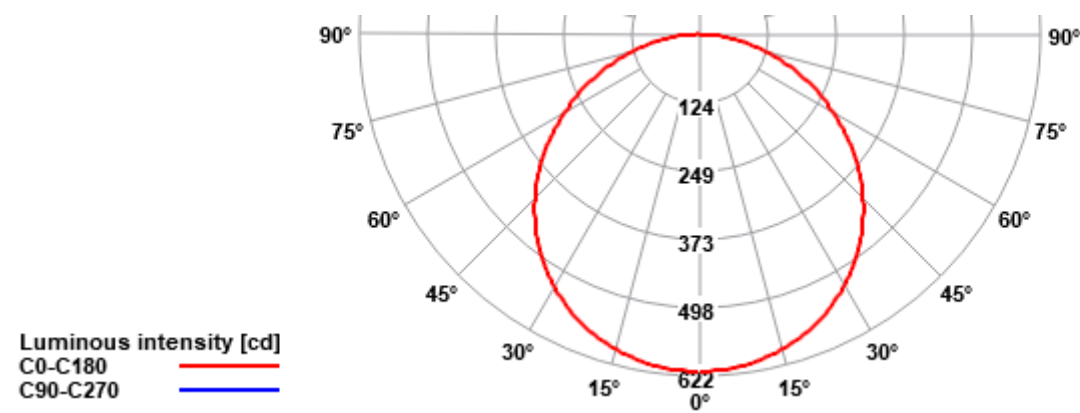
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1826,80 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	616,07 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	84,30 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4472
y	0,4006
Angular Colour Uniformity	0,0008

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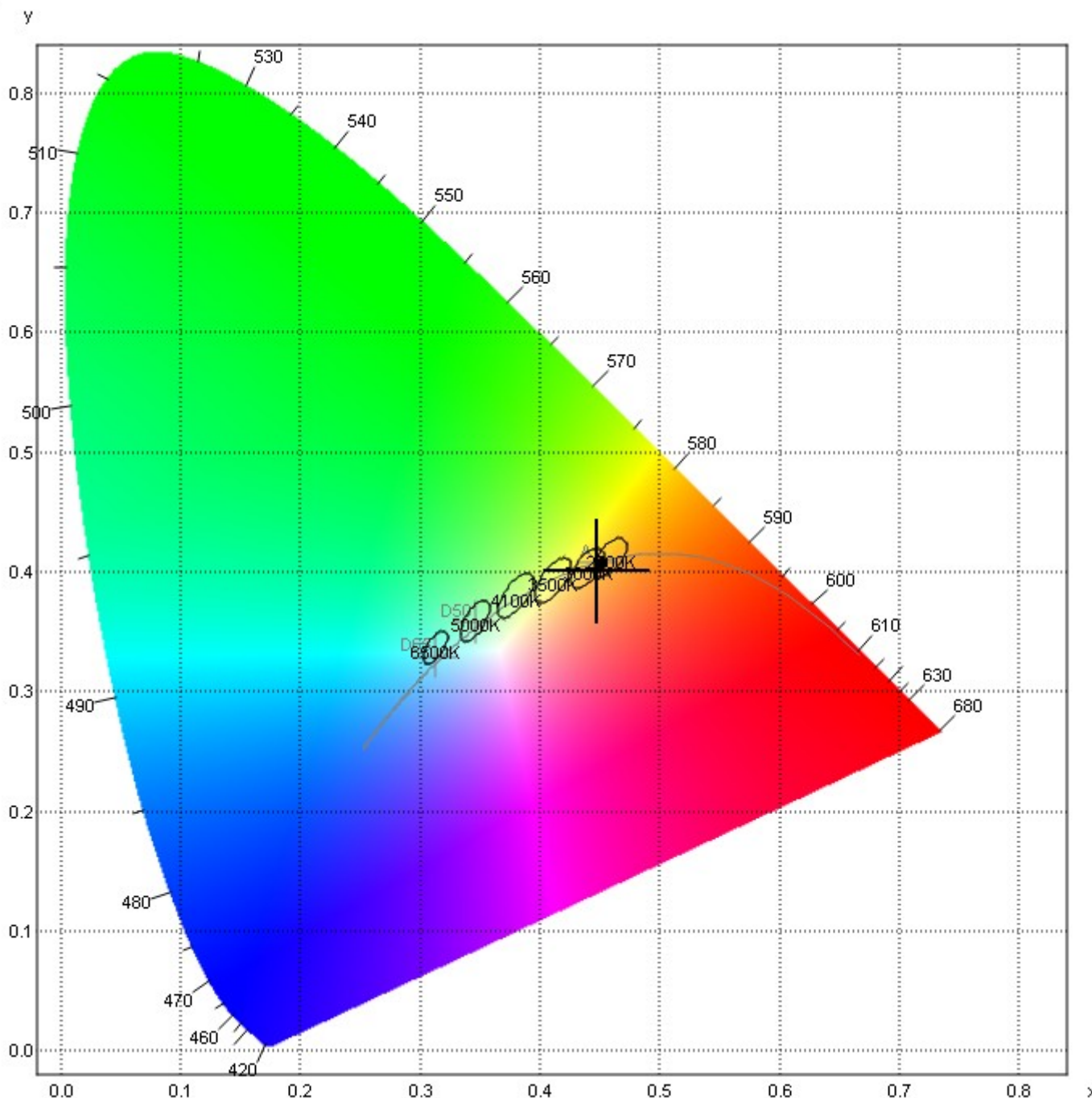
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Beam cone

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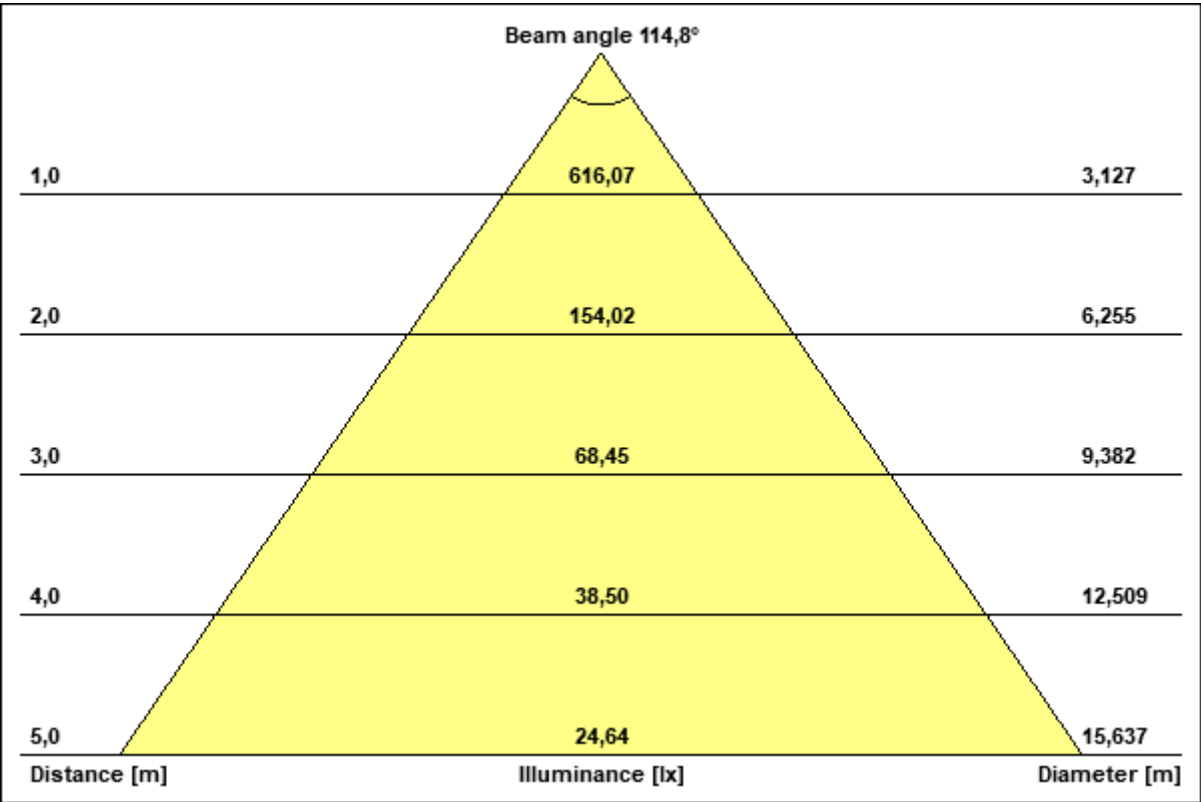
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Stabilization

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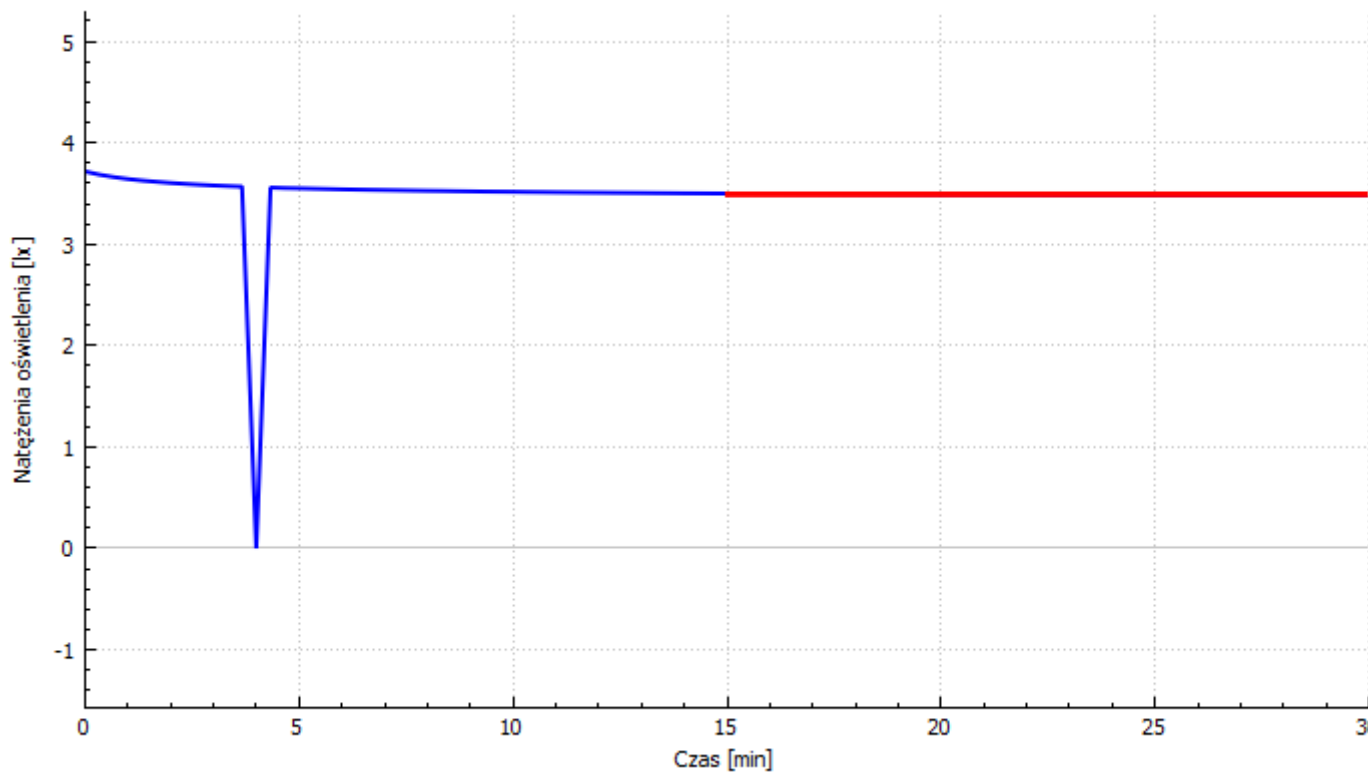
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3D Chart

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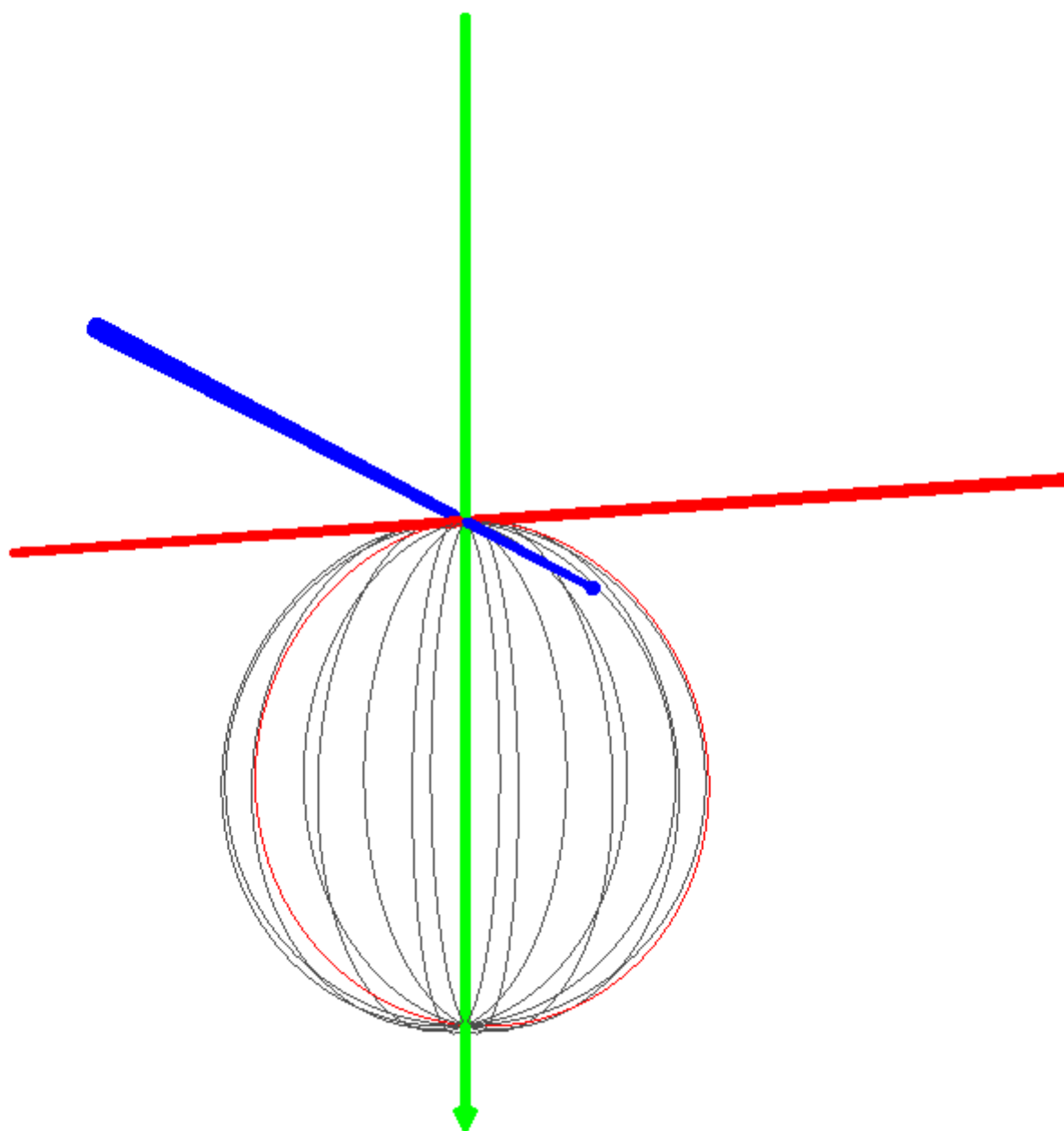
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
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			P(%f)
0	0,0139	1,250	-4,04e-05
1	100,000	100,000	100,000
2	0,0114	0	0
3	0,0778	93,781	0,0821
4	0,00422	0	0
5	0,0803	82,736	0,0656
6	0,00275	0	0
7	0,0667	68,201	0,044
8	0,0021	0	0
9	0,0527	52,458	0,025
10	0,00248	0	0
11	0,0398	38,276	0,0126
12	0,0014	0,119	6,78e-07
13	0,0336	28,694	0,00734
14	0,00106	0,144	-8,38e-08
15	0,0319	25,330	0,00573
16	0,00211	0,178	9,93e-07
17	0,0374	25,686	0,00619
18	0,00148	0,193	9,28e-07
19	0,0371	26,075	0,00622
20	0,00195	0,205	5,46e-08
21	0,0392	25,090	0,00548

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22	0,0024	0,233	5,17e-06
23	0,037	23,259	0,00443
24	0,00113	0,322	3,82e-06
25	0,0388	21,995	0,0043
26	0,00197	0,490	4,91e-06
27	0,0426	22,353	0,00437
28	0,00271	0,711	1,53e-05
29	0,0477	24,036	0,00492
30	0,00277	0,940	1,55e-05
31	0,0523	25,835	0,00567
32	0,00415	1,183	3,36e-05
33	0,0603	26,791	0,00608
34	0,00436	1,356	4,82e-05
35	0,0615	26,456	0,00581
36	0,00487	1,454	4,69e-05
37	0,0613	24,885	0,00525
38	0,00456	1,466	5,38e-05
39	0,0576	22,390	0,00436
40	0,00401	1,378	6,14e-05
41	0,051	19,393	0,00339
42	0,00432	1,209	3,37e-05
43	0,0458	16,277	0,00231
44	0,00252	0,980	2,06e-05
45	0,0383	13,335	0,00148
46	0,00262	0,725	2,1e-05
47	0,0337	10,763	0,000987
48	0,00162	0,489	4,85e-06
49	0,0268	8,662	0,000731
50	0	0,321	0

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