

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*
Model name: *SLIM 15 ROUND 4000K IP44 BLACK*
Item No: *AZ2843*
Serial No.:
Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *1*
LuminaireName: *Slim 15 Round 4000K*
LuminaireNumber: *AZ2843*
FileName: *AZ2843.Idt*
Date: *2021-02-10*

Dimensions of luminaire

Length: *145 mm*
Width: *0 mm*
Height: *10 mm*

Dimensions of luminous area

Length: *125 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
Type of lamps: LED
Total luminous flux: 871,09 lm
Color temperatur: 3827.22 K
Color rendering index: 90,88
Wattage including ballast: 11,40 W

Utilization factors:

k = 0.60	0,294
k = 0.80	0,378
k = 1.00	0,453
k = 1.25	0,526
k = 1.50	0,583
k = 2.00	0,671
k = 2.50	0,720
k = 3.00	0,759
k = 4.00	0,811
k = 5.00	0,843

Electrical parameters

<i>U</i>	= 229,638 V
<i>I</i>	= 0,129 A
<i>P</i>	= 11,401 W
<i>Power factor</i>	= 0,384

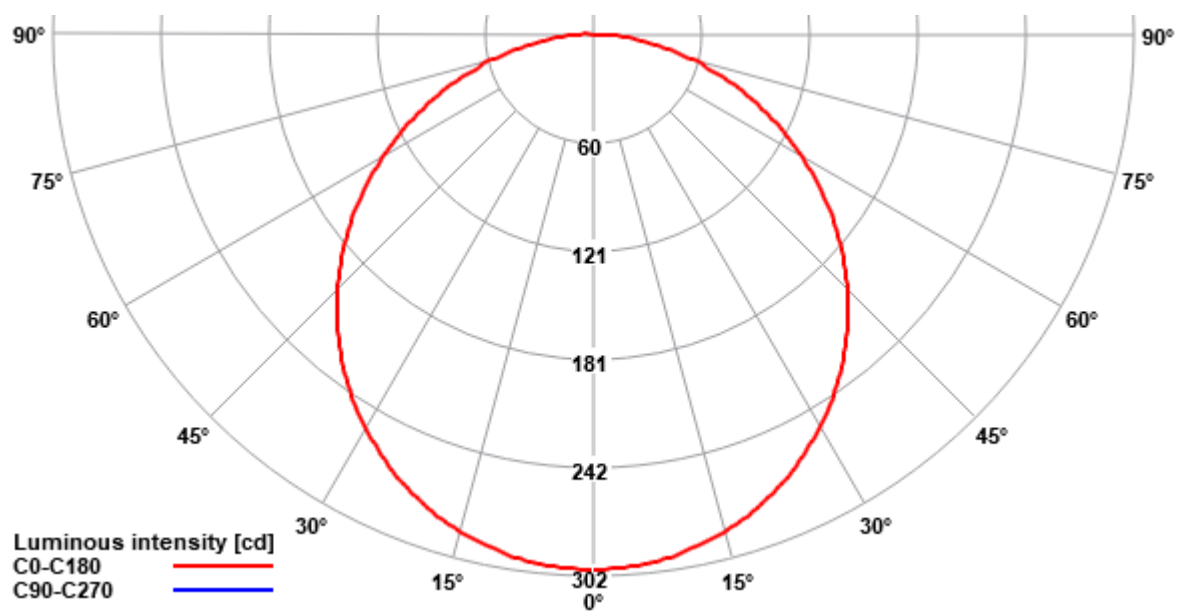
<i>Power apparent</i>	= 29,691 VA
<i>Power Reactive</i>	= 0,000 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 0,000 %

Temperature = 22 C

Goniometric measurement results

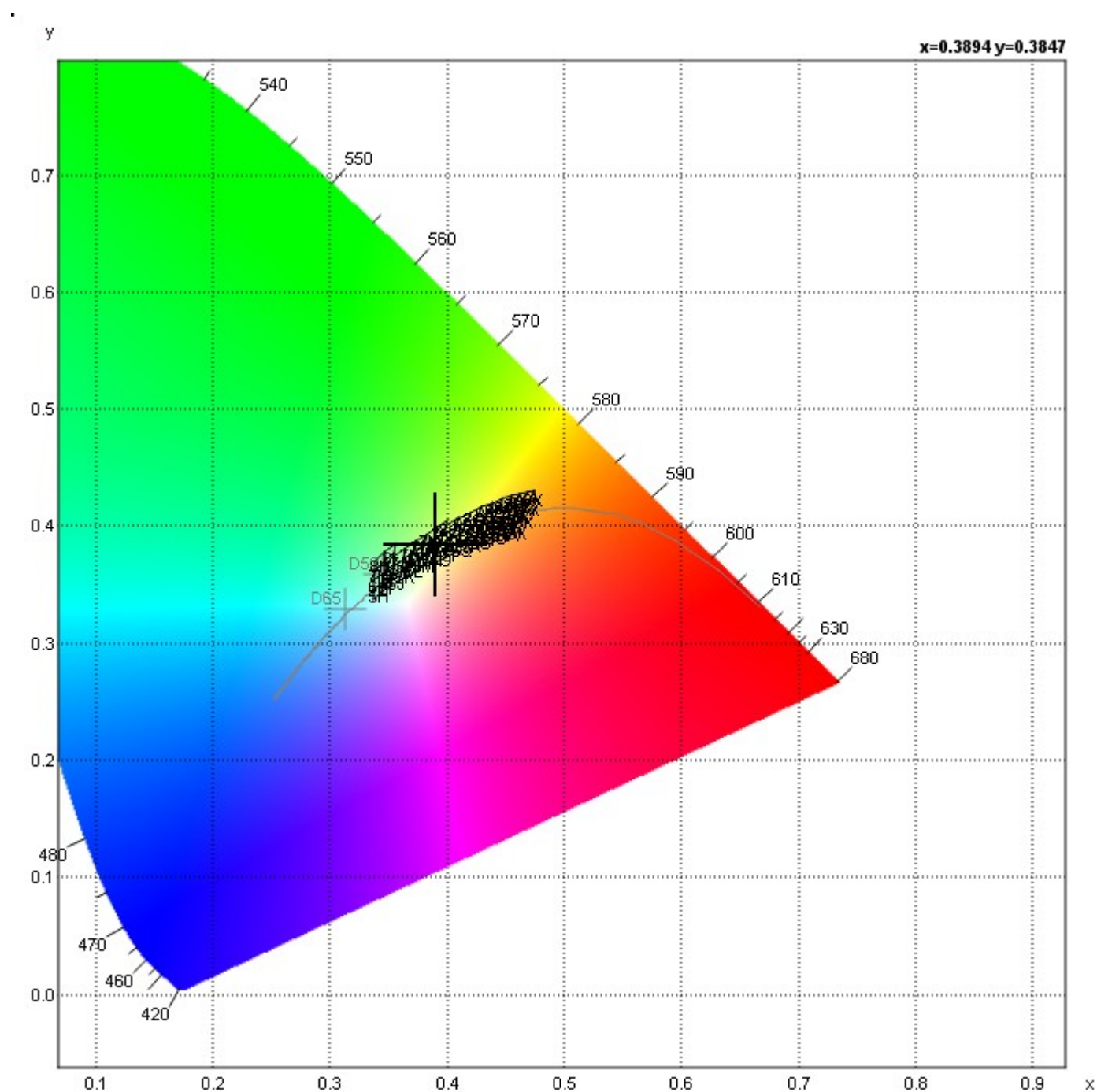
Total flux (utilized luminarie flux)	871,09 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	298,99 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	76,41 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,3894
y 0,3847
Angular Colour Uniformity 0,0012



GL Optic R&D Center Sp. z o.o.

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Raiffeisen Bank Polska S.A.

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 200.000 PLN

Beam cone

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Stabilization

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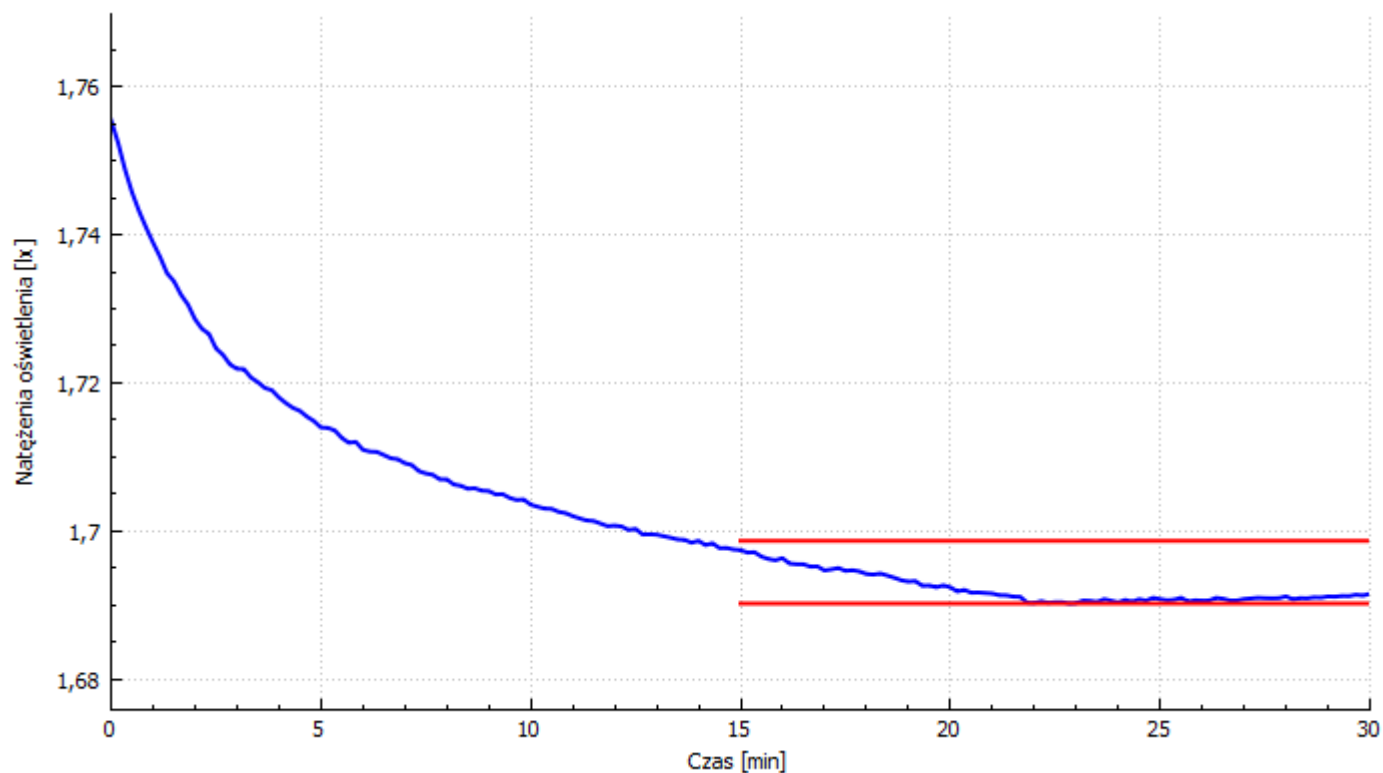
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3D Chart

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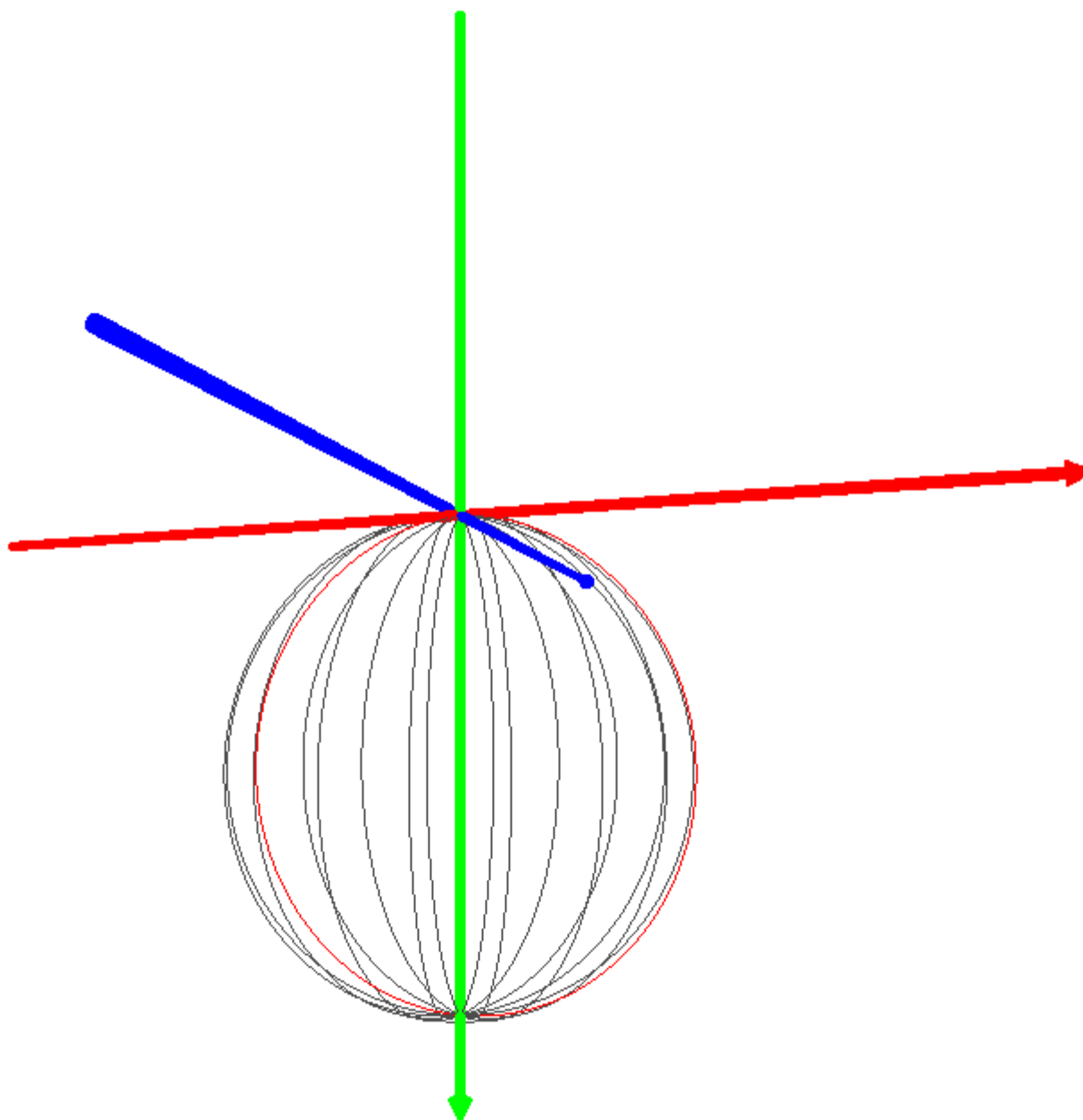
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Legend

- C0-C180
- C90-C270
- G0-G180

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0	0	0
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0

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43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	0	0	0