

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Casper Round 4000K*
Item No: *AZ4491*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4491*
LuminaireName: *Casper Round 4000K*
LuminaireNumber: *AZ4491*
FileName: *AZ4491.Idt*
Date: *2022-07-01*

Dimensions of luminaire

Length: *200 mm*
Width: *0 mm*
Height: *55 mm*

Dimensions of luminous area

Length: *198 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: 1877,74 lm
Color temperatur: 4042 K
Color rendering index: 82,62
Wattage including ballast: 15,71 W

Utilization factors:

k = 0.60	0,300
k = 0.80	0,384
k = 1.00	0,459
k = 1.25	0,532
k = 1.50	0,589
k = 2.00	0,676
k = 2.50	0,725
k = 3.00	0,763
k = 4.00	0,815
k = 5.00	0,848

Electrical parameters

U = 229,686 V
I = 0,073 A
P = 15,709 W
Power factor = 0,934

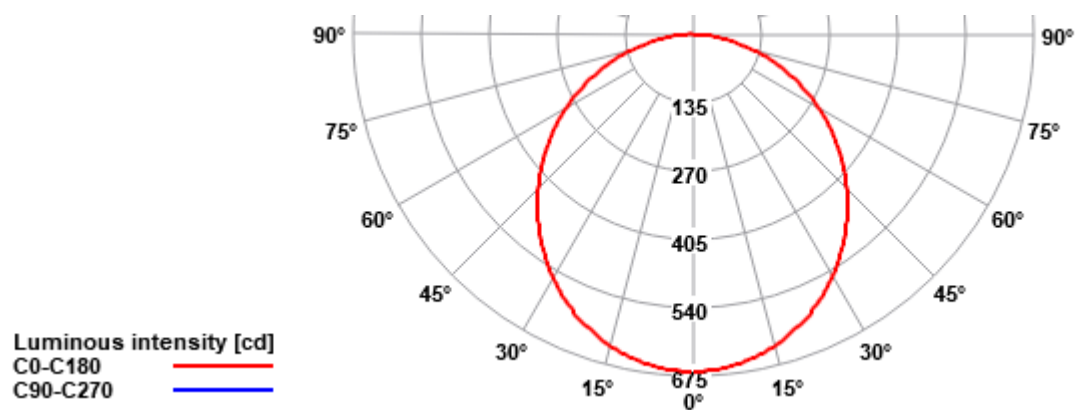
Power apparent = 16,810 VA
Power Reactive = -5,985 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1877,74 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	667,88 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	119,53 lm/W

Light intensity distribution diagram



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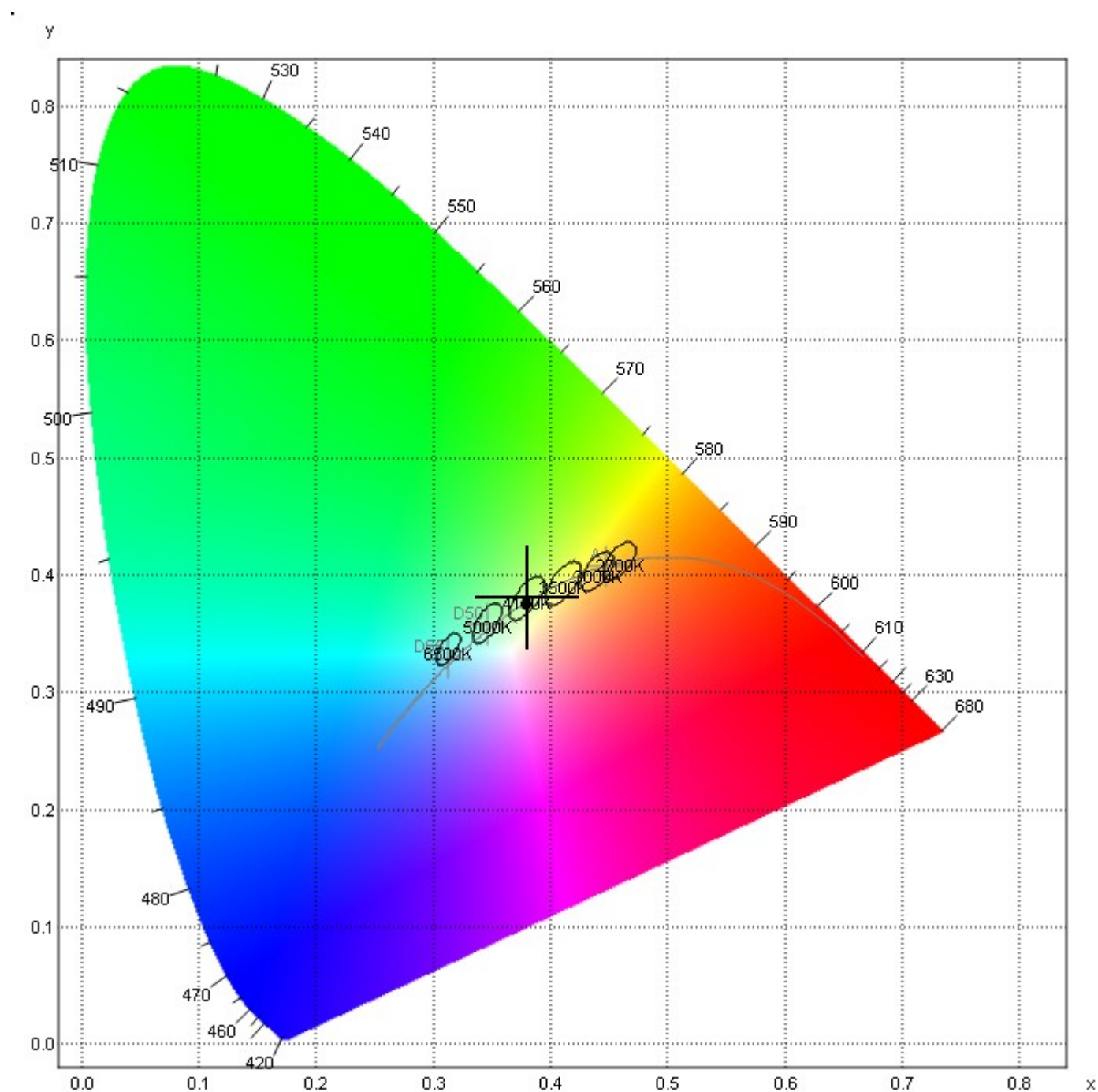
REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

CIE 1931 diagram

x 0,3801
y 0,3813
Angular Colour Uniformity 0,0014



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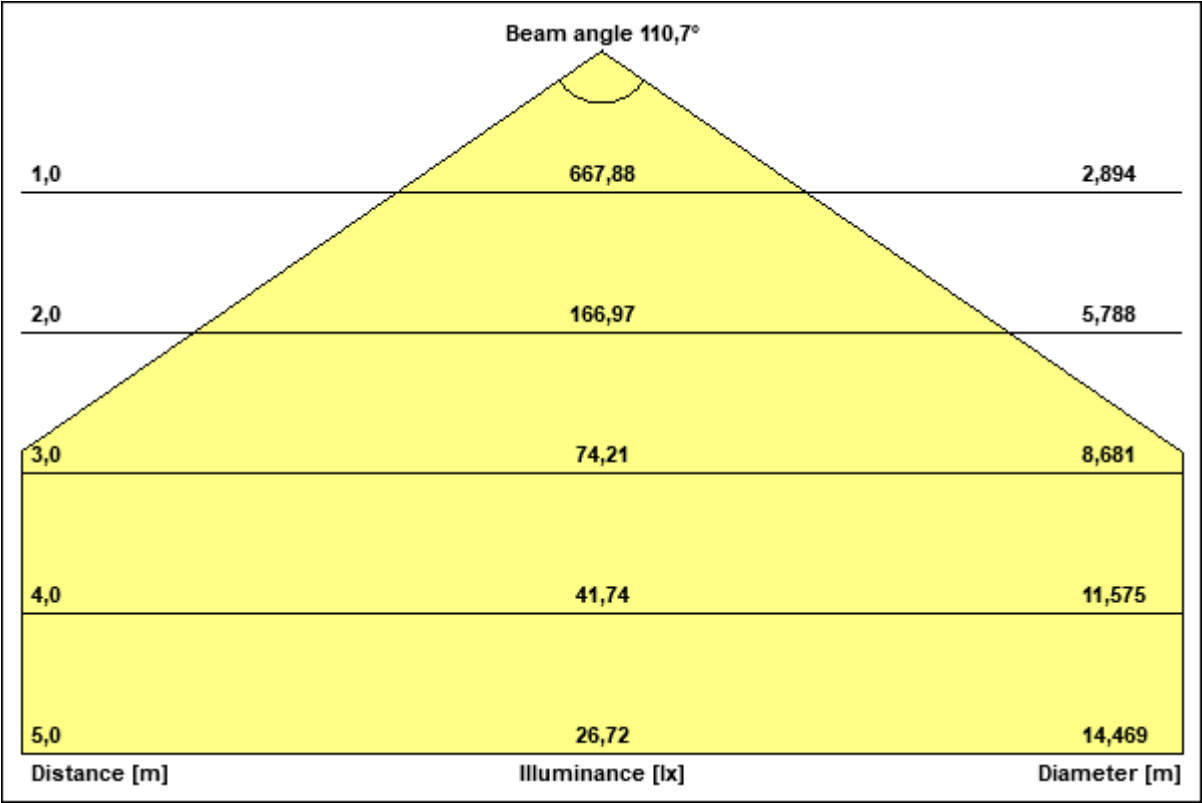
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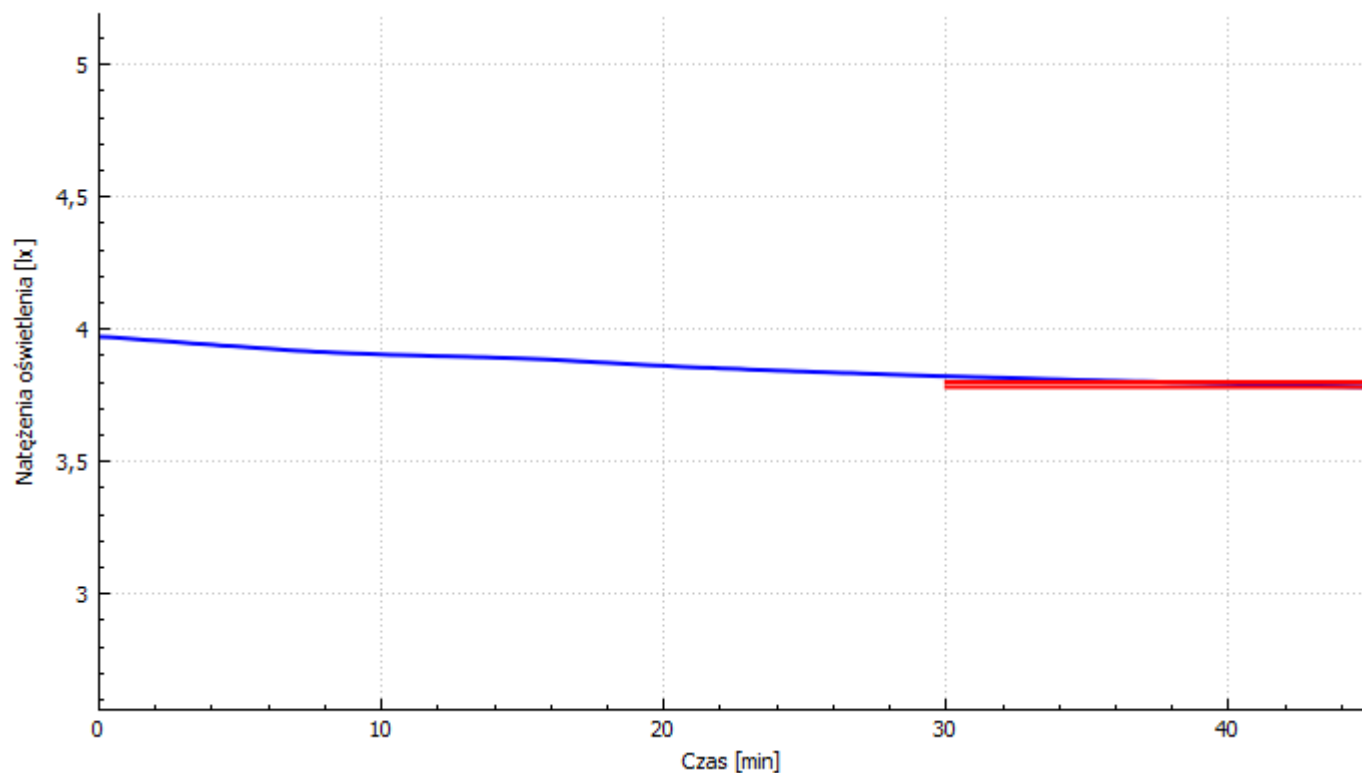
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Beam cone



Stabilization



3D Chart

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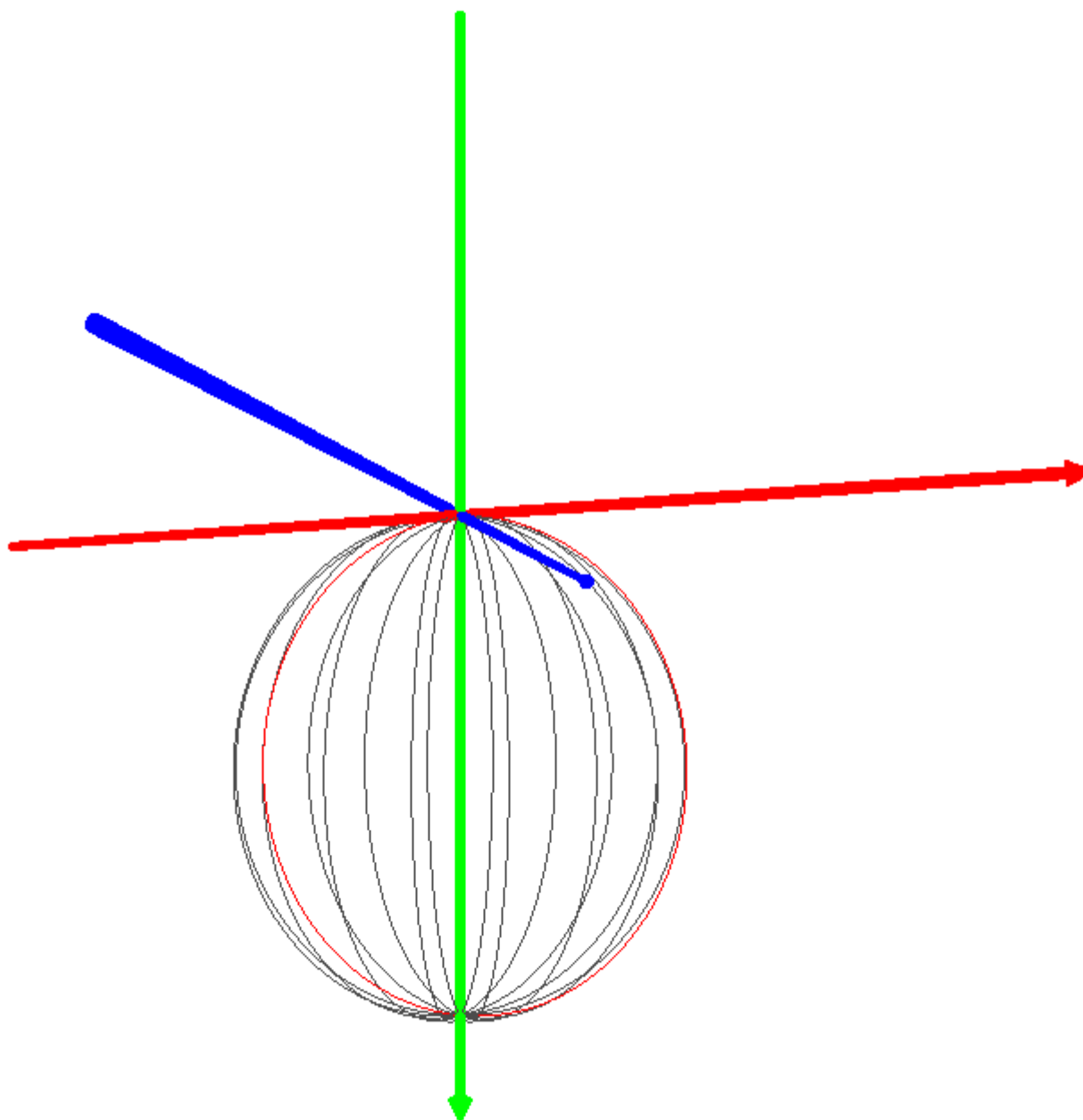
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Legend

- - 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
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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