

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *COLLODI 48 BEIGE*

Item No: *AZ2716*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Collodi 48 CCT Ciepła*

LuminaireNumber: *AZ2716*

FileName: *AZ2716.Idt*

Date: *2020-10-20*

Dimensions of luminaire

Length: *480 mm*

Width: *0 mm*

Height: *70 mm*

Dimensions of luminous area

Length: *465 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: 3125,94 lm
Color temperatur: 2961.35 K
Color rendering index: 83,05
Wattage including ballast: 49,31 W

Utilization factors:

k = 0.60	0,276
k = 0.80	0,358
k = 1.00	0,430
k = 1.25	0,503
k = 1.50	0,559
k = 2.00	0,647
k = 2.50	0,697
k = 3.00	0,737
k = 4.00	0,791
k = 5.00	0,825

Electrical parameters

U = 229,607 V
 I = 0,218 A
 P = 49,307 W
Power factor = 0,985

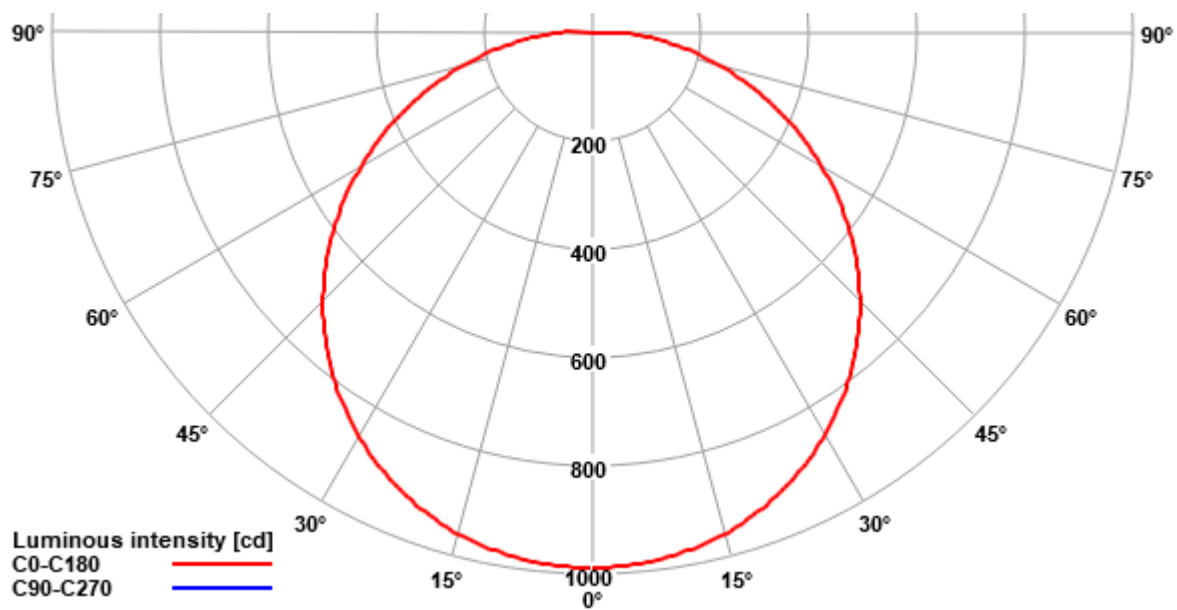
Power apparent = 50,076 VA
Power Reactive = -8,772 var
Frequency Voltage = 50,002 Hz
THD = 8,318 %

Temperature = 22 C

Goniometric measurement results

Total flux (utilized luminarie flux)	3125,94 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	989,75 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	63,39 lm/W

Light intensity distribution diagram



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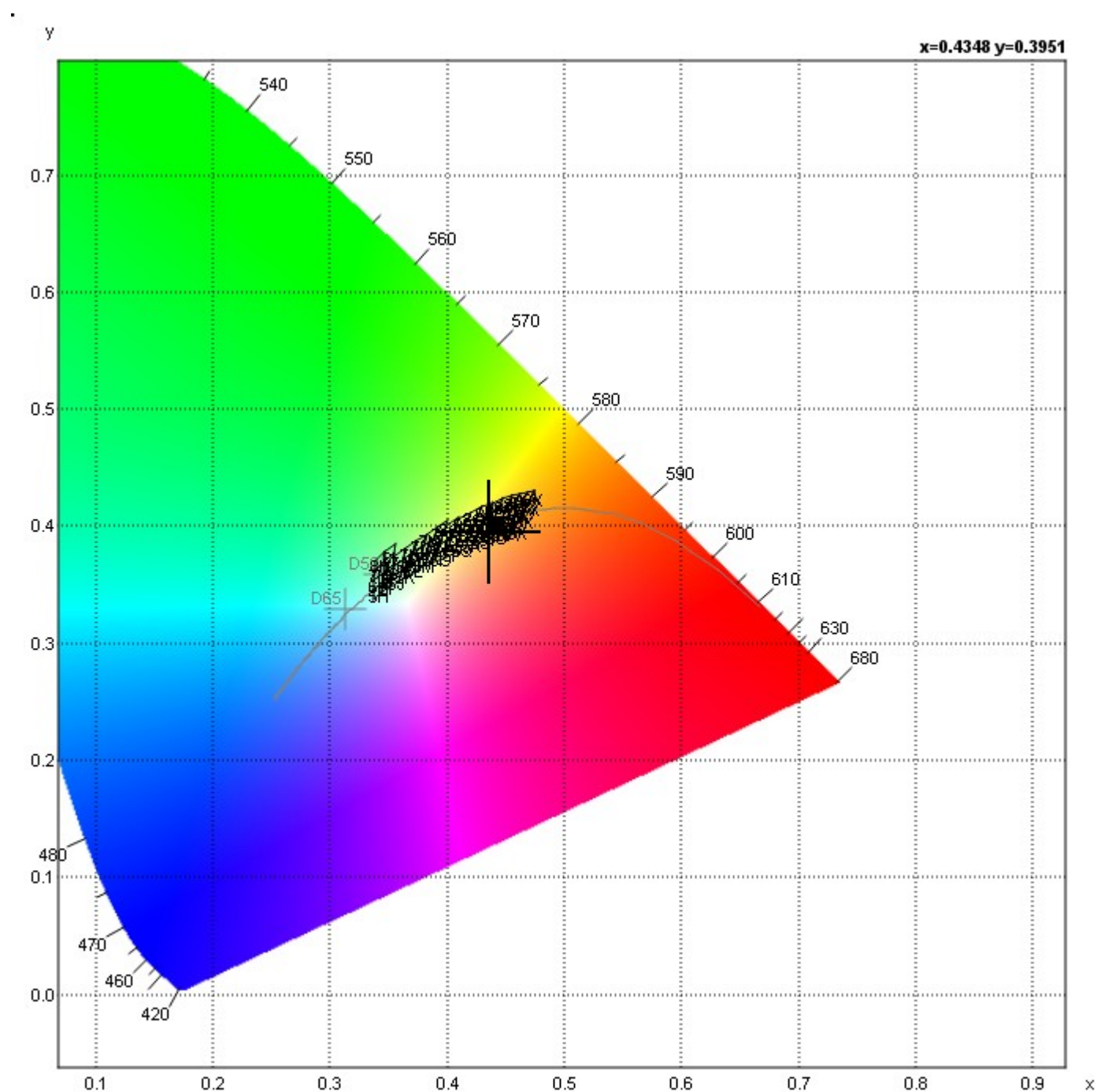
REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

CIE 1931 diagram

x 0,4348
y 0,3951
Angular Colour Uniformity 0,0038



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Beam cone

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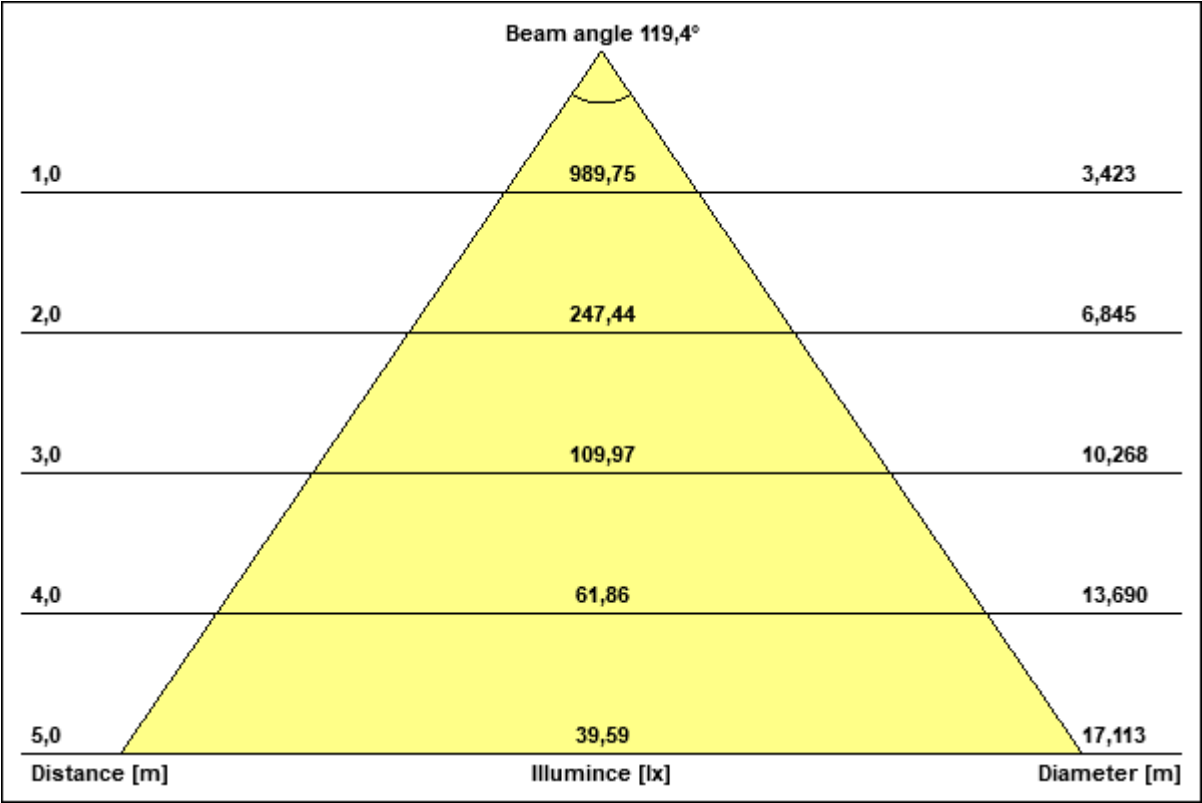
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Stabilization

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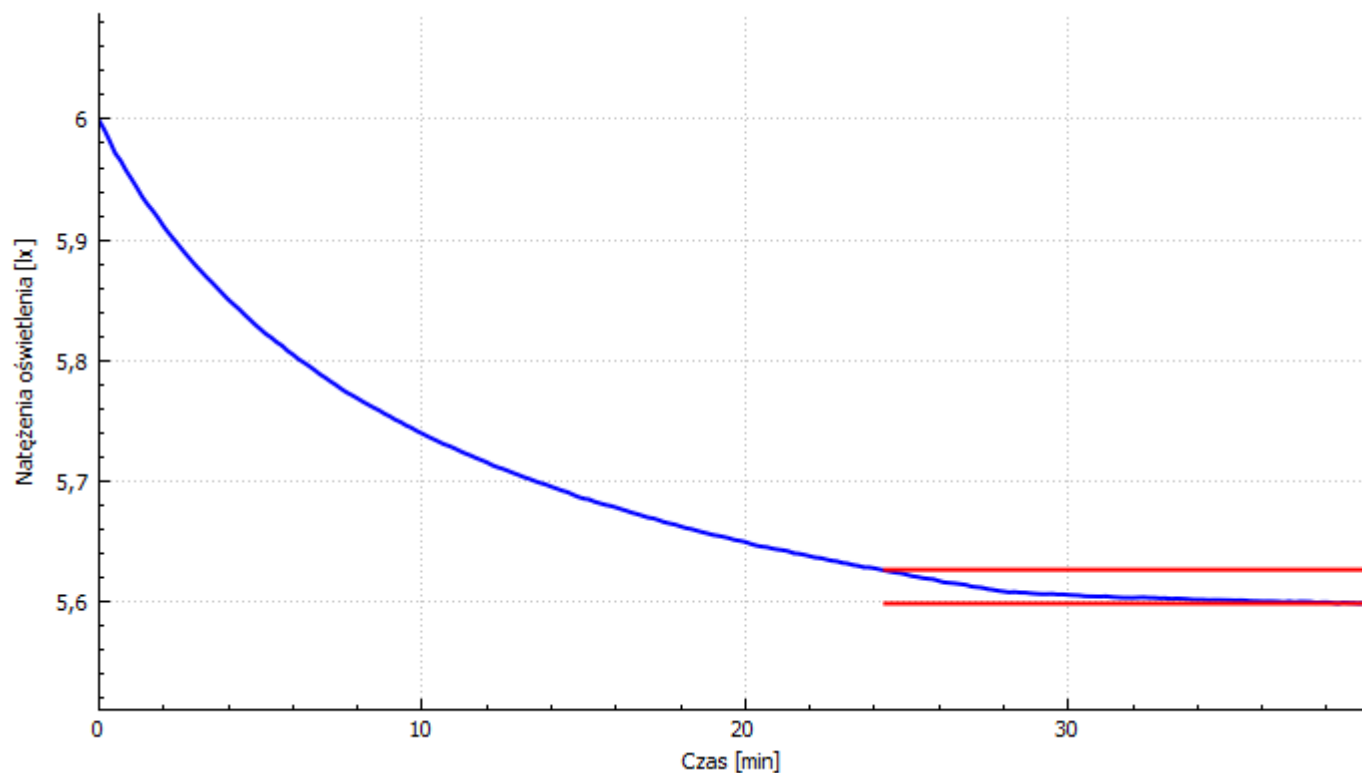
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3D Chart

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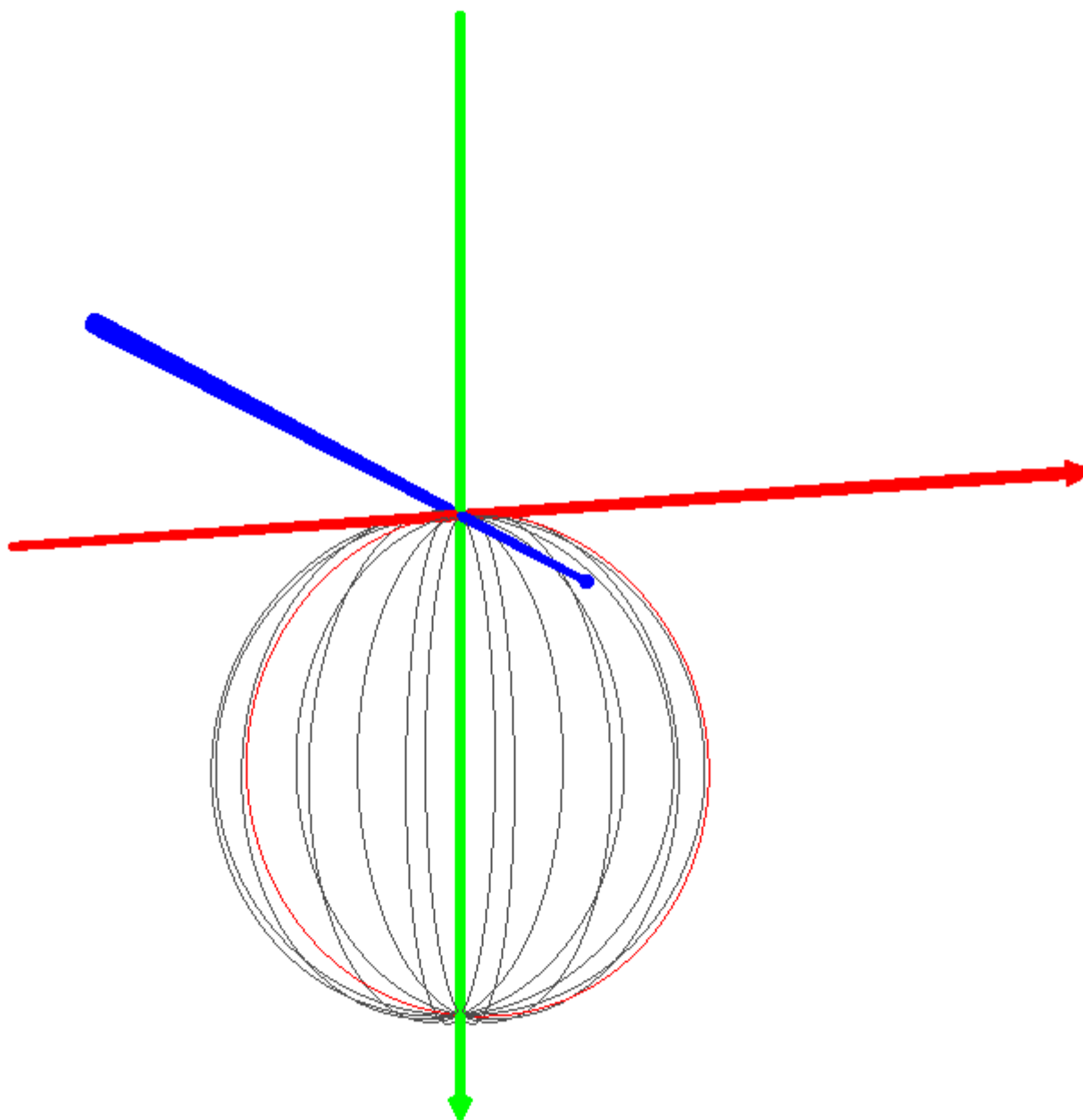
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Legend

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

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0,00615	0,747	4,21e-05
1	100,000	100,000	100,000
2	0,00435	0,661	-2,8e-05
3	0,0162	5,252	0,000766
4	0,00501	0,646	3,12e-05
5	0,00196	3,160	4,92e-05
6	0	0,622	0
7	0,0072	4,016	0,000286
8	0,00172	0,579	8,16e-06
9	0,00364	1,801	4,05e-05
10	0,00208	0,541	9,98e-06
11	0,00686	1,927	5,6e-05
12	0,000886	0,482	1,58e-06
13	0,00638	1,270	4,42e-05
14	0,00191	0,434	7,03e-06
15	0,00427	1,164	2,51e-05
16	0,000845	0,373	1,89e-06
17	0,00322	0,998	2,36e-05
18	0,00168	0,322	4,49e-06
19	0	0	0
20	0	0,269	0
21	0	0,367	0
22	0,00172	0,234	3,57e-06
23	0,0024	0,411	8,35e-06
24	0	0,189	0
25	0	0,191	0
26	0,00123	0,175	2,56e-06
27	0,00284	0,576	-1,67e-06
28	0	0,157	0
29	0,00217	0,321	2,54e-06
30	0,00131	0,164	1,96e-06
31	0,00216	0,425	-2,51e-06
32	0	0,154	0
33	0,00241	0,394	1,89e-06
34	0,00197	0,164	1,75e-06
35	0,00136	0,106	1,72e-06
36	0,00106	0,152	-8,45e-07
37	0,00231	0,329	5,69e-06
38	0,00183	0,160	2,86e-06
39	0	0,219	0
40	0	0,144	0
41	0,00168	0,151	-1,77e-06
42	0,00166	0,147	1,84e-06

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43	0,00261	0,366	1,78e-06
44	0,00114	0,128	-1,02e-06
45	0	0,133	0
46	0,00166	0,130	2,15e-06
47	0,00116	0,258	9,67e-07
48	0,00126	0,115	-9,62e-07
49	0,00111	0,262	2,33e-07
50	0,00161	0,125	1,99e-06