

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *ALAMO PENDANT 90 3-STEP DIMM*
Item No: *AZ5765*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ5764*
LuminaireName: *ALAMO PENDANT 90 3-STEP DIMM*
LuminaireNumber: *AZ5764*
FileName: *AZ5764.Idt*
Date: *2024-09-19*

Dimensions of luminaire

Length: *900 mm*
Width: *25 mm*
Height: *1000 mm*

Dimensions of luminous area

Length: *855 mm*
Width: *18 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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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 200.000PLN

Type of lamps: *LED*
Total luminous flux: *1461,05 lm*
Color temperatur: *2955 K*
Color rendering index: *83,05*
Wattage including ballast: *17,04 W*

Utilization factors:

k = 0.60	<i>0,277</i>
k = 0.80	<i>0,357</i>
k = 1.00	<i>0,428</i>
k = 1.25	<i>0,498</i>
k = 1.50	<i>0,554</i>
k = 2.00	<i>0,640</i>
k = 2.50	<i>0,689</i>
k = 3.00	<i>0,728</i>
k = 4.00	<i>0,782</i>
k = 5.00	<i>0,816</i>

Electrical parameters

<i>U</i>	<i>= 229,695 V</i>
<i>I</i>	<i>= 0,093 A</i>
<i>P</i>	<i>= 17,043 W</i>
<i>Power factor</i>	<i>= 0,801</i>

<i>Power apparent</i>	<i>= 21,284 VA</i>
<i>Power Reactive</i>	<i>= -12,750 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 49,922 %</i>

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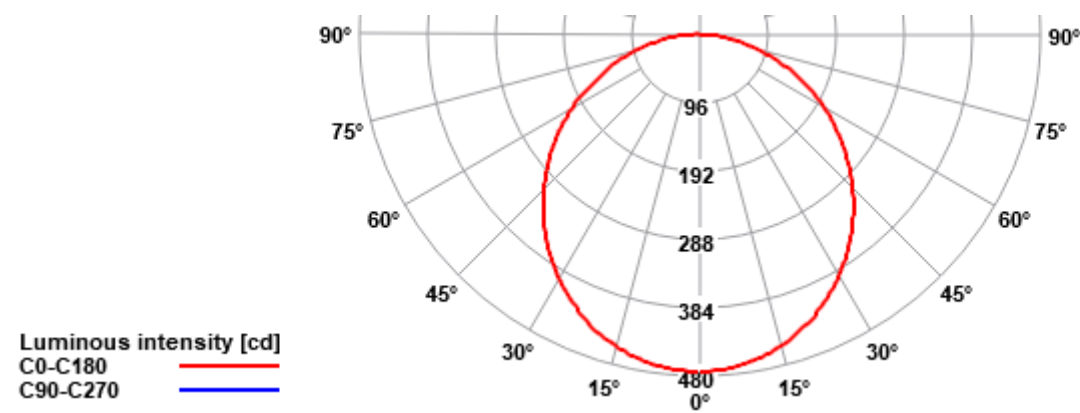
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1461,05 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	475,47 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	85,74 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4366
y	0,3981
Angular Colour Uniformity	0,0023

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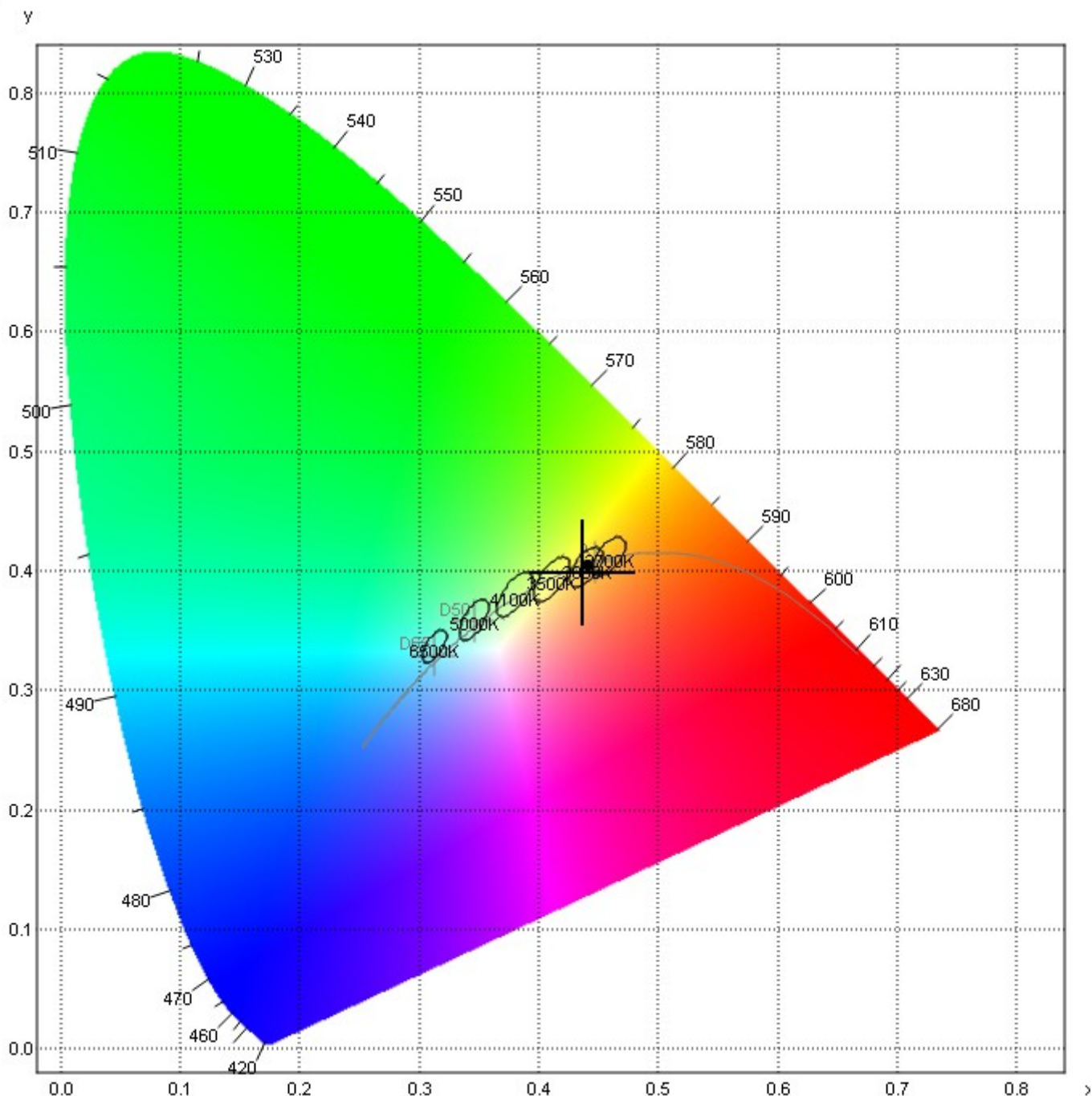
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Beam cone

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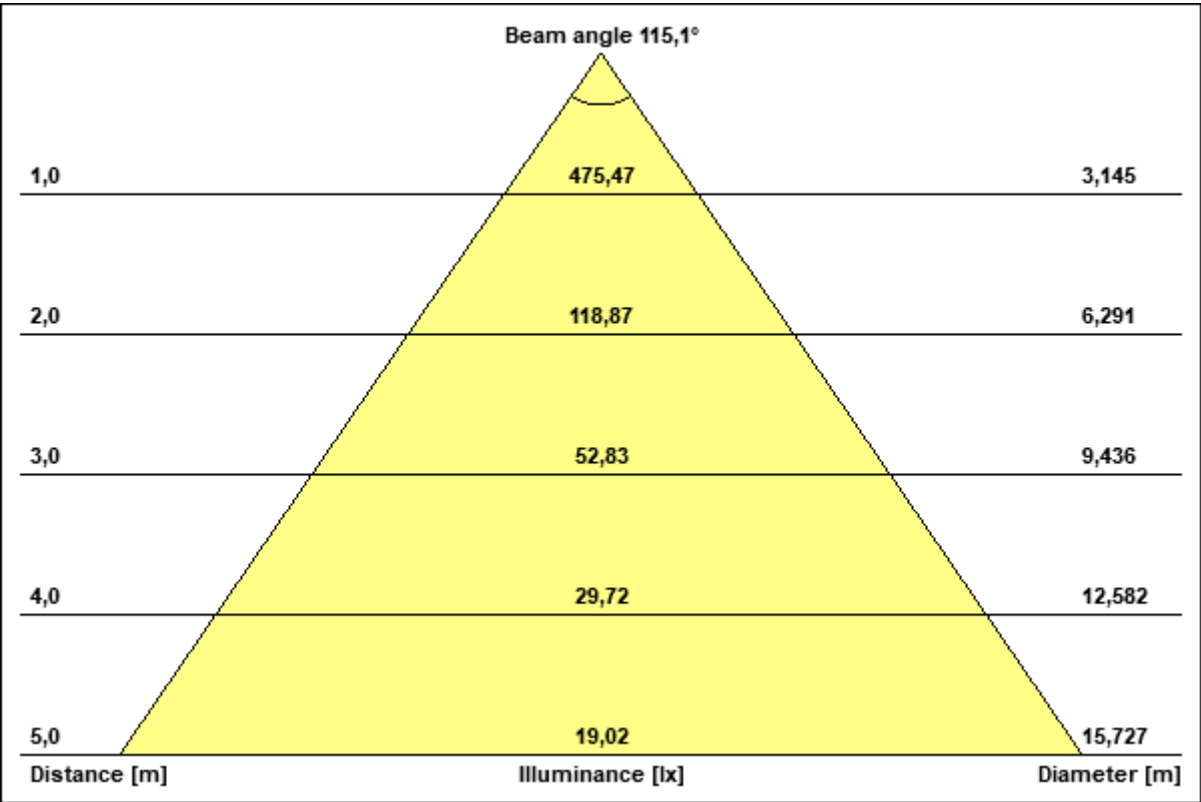
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Stabilization

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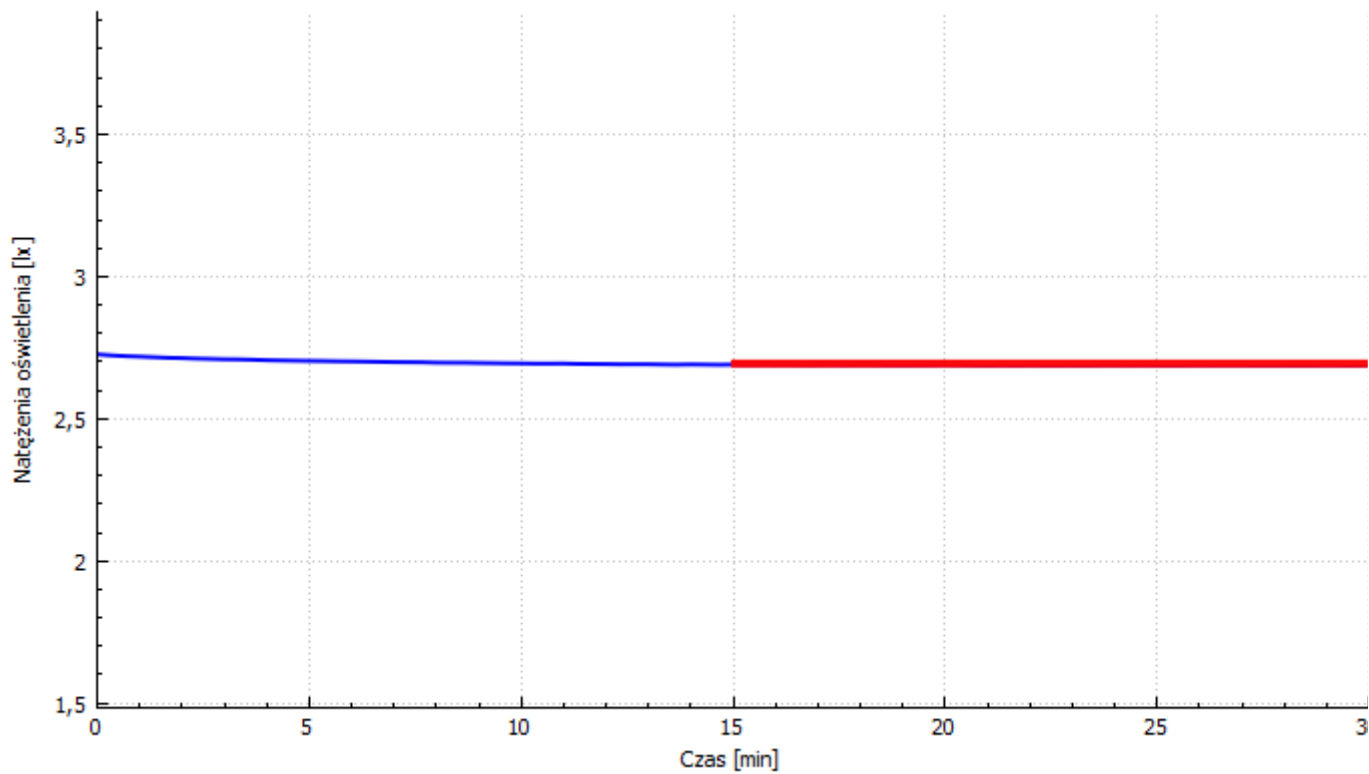
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3D Chart

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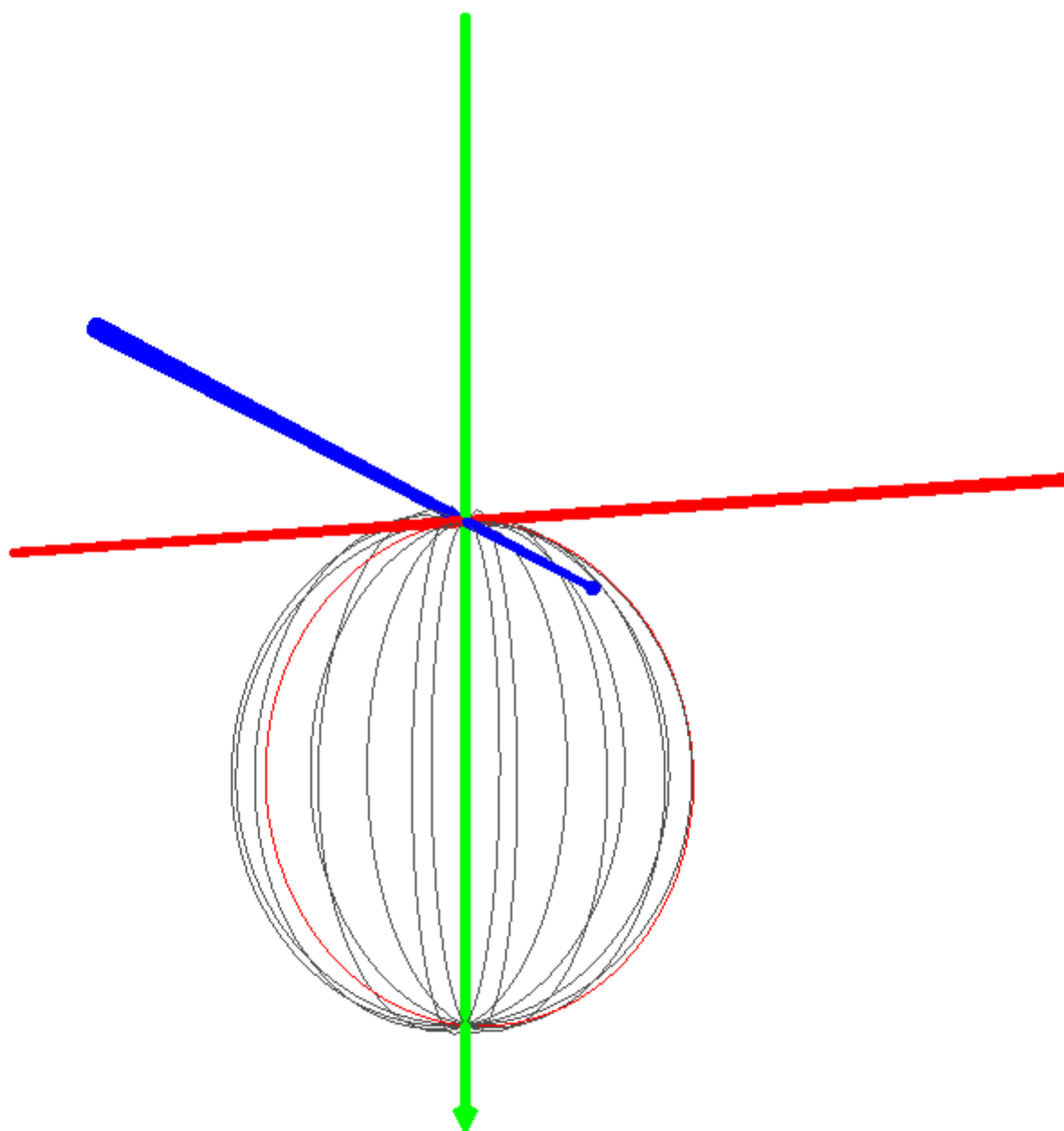
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

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			P(%f)
0	0,00447	0	2,12e-06
1	100,000	100,000	100,000
2	0,0146	0,0654	3,35e-06
3	0,00622	30,714	-0,000907
4	0,00558	0,0513	-1,62e-06
5	0,0122	19,959	0,00111
6	0,0038	0,0653	2,58e-06
7	0,00117	10,777	0
8	0,00259	0,0525	-1,71e-06
9	0,00888	17,241	0,00121
10	0,0024	0,069	7,52e-07
11	0,006	12,212	0,000276
12	0,00245	0,0491	-1,07e-06
13	0,0112	14,929	0,000557
14	0,00183	0,0546	3,38e-07
15	0,00421	5,489	0,000116
16	0,0016	0,0383	0
17	0,00515	3,566	4,12e-07
18	0,00122	0,0597	9,56e-07
19	0,0023	3,688	-9,48e-06
20	0,00102	0,0765	-1,22e-06
21	0,00831	8,614	0,000222

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22	0,00123	0,0964	0
23	0,00822	5,984	0,000208
24	0,000989	0,0702	-5,58e-07
25	0,0115	7,559	0,000139
26	0,0015	0,027	4,37e-08
27	0,00605	3,164	7,62e-05
28	0,00114	0	0
29	0,00462	2,133	3,04e-05
30	0,00129	0,0603	2,14e-07
31	0,0039	2,529	-6,83e-07
32	0,000844	0,0845	1,05e-07
33	0,0116	6,458	0,000182
34	0	0,0966	0
35	0,00905	4,625	9,86e-05
36	0	0,0723	0
37	0,00815	3,571	-3,56e-06
38	0	0,0392	0
39	0,00534	1,777	1,53e-05
40	0,00123	0,0387	-9,76e-08
41	0,00651	2,437	-2,81e-06
42	0,00114	0,0602	0
43	0,00484	2,241	9,73e-06
44	0	0,0774	0
45	0,00992	4,183	-4,34e-05
46	0	0,0477	0
47	0,009	3,206	3,16e-05
48	0	0,0387	0
49	0,00313	1,018	3,45e-06
50	0	0,0325	0

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