GL GONIOSPECTROMETER
MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *LAYLA 120 3000K DIMM WH*
Item No: *AZ6754*
Serial No.: *AZ6754*
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6754*
LuminaireName: *LAYLA 120 3000K DIMM WH*
LuminaireNumber: *AZ6754*
FileName: *AZ6754.ldt*
Date: *2026-05-15*

Dimensions of luminaire

Length: *1200* mm
Width: *350* mm
Height: *25* mm

Dimensions of luminous area

Length: *1200* mm
Width: *350* 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:	*3253,02 lm*
Color temperatur:	*2968 K*
Color rendering index:	*81,25*
Wattage including ballast:	*45,14 W*

Utilization factors:

k = 0.60	*0,293*
k = 0.80	*0,378*
k = 1.00	*0,452*
k = 1.25	*0,526*
k = 1.50	*0,584*
k = 2.00	*0,672*
k = 2.50	*0,722*
k = 3.00	*0,760*
k = 4.00	*0,812*
k = 5.00	*0,845*

Electrical parameters

U	*= 229,671 V*
I	*= 0,198 A*
P	*= 45,135 W*
Power factor	*= 0,991*
Power apparent	*= 45,531 VA*
Power Reactive	*= -5,950 var*
Frequency Voltage	*= 50,002 Hz*
THD	*= 8,132 %*

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EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPWNIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

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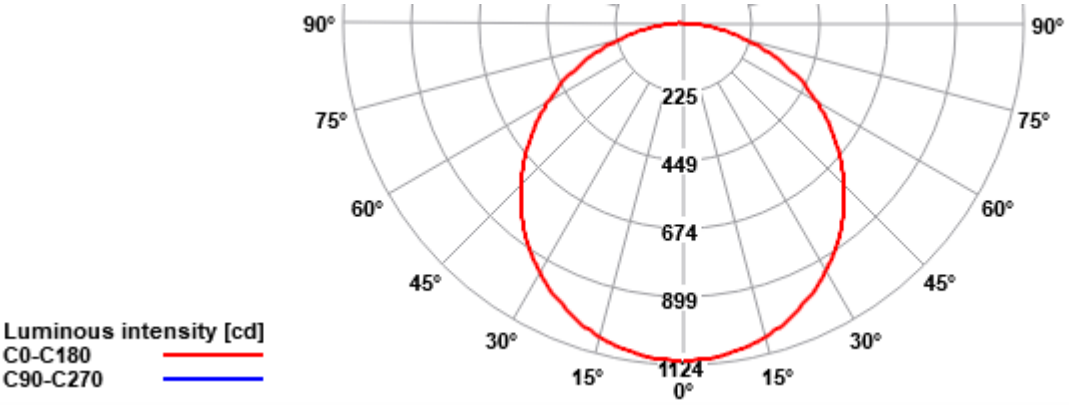
Kapitał 200.000PLN

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	*3253,02 lm*
Flux in lower hemisphere	*100,00 %*
Flux in upper hemisphere	*0,00 %*
Maximium luminous intensity	*1112,47 cd*
Light output ratio (LOR)	*100,00 %*
Luminous efficacy	*72,07 lm/W*

Light intensity distribution diagram



CIE 1931 diagram

x	0,4375
y	0,4014
Angular Colour Uniformity	0,0009

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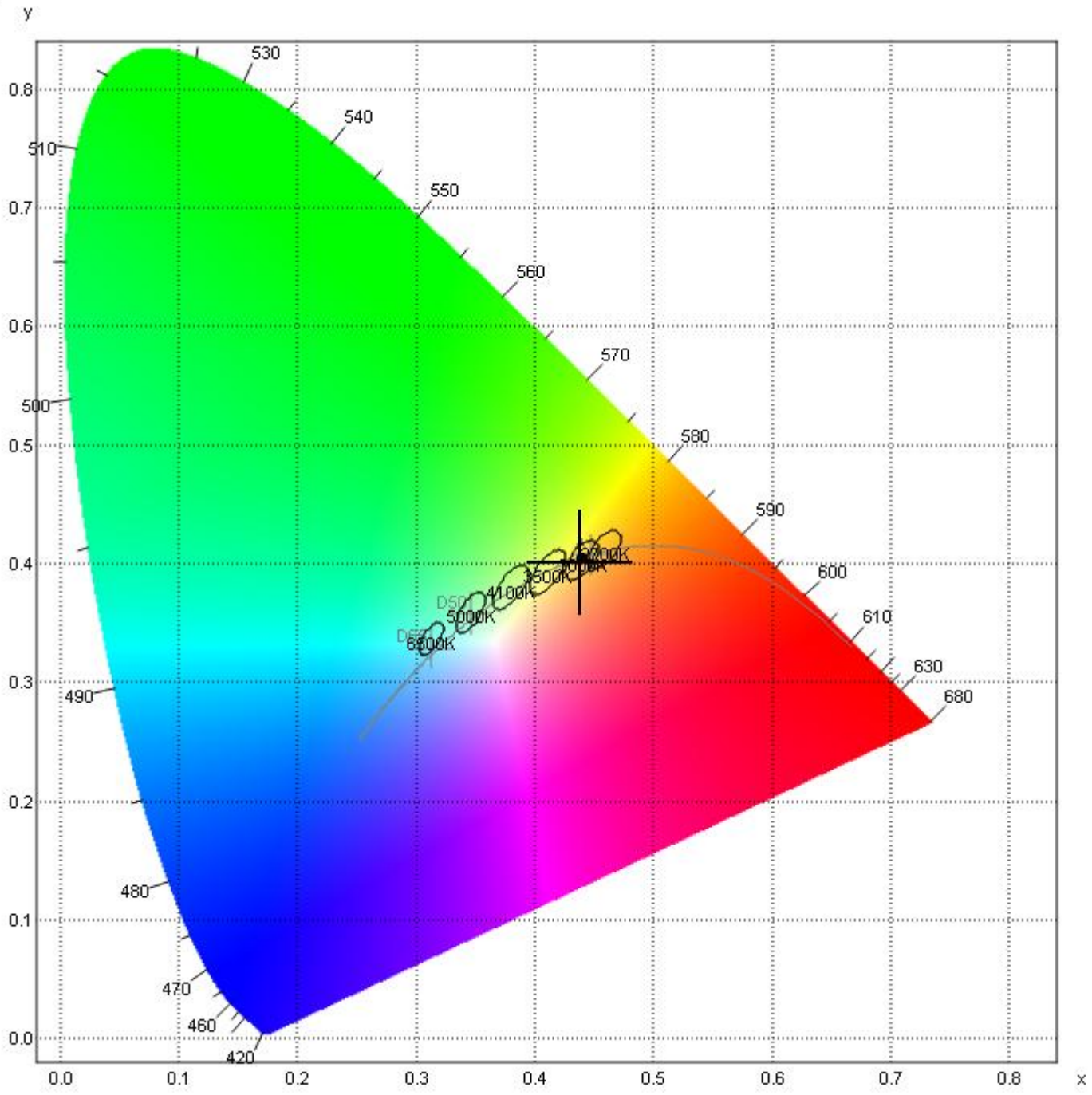
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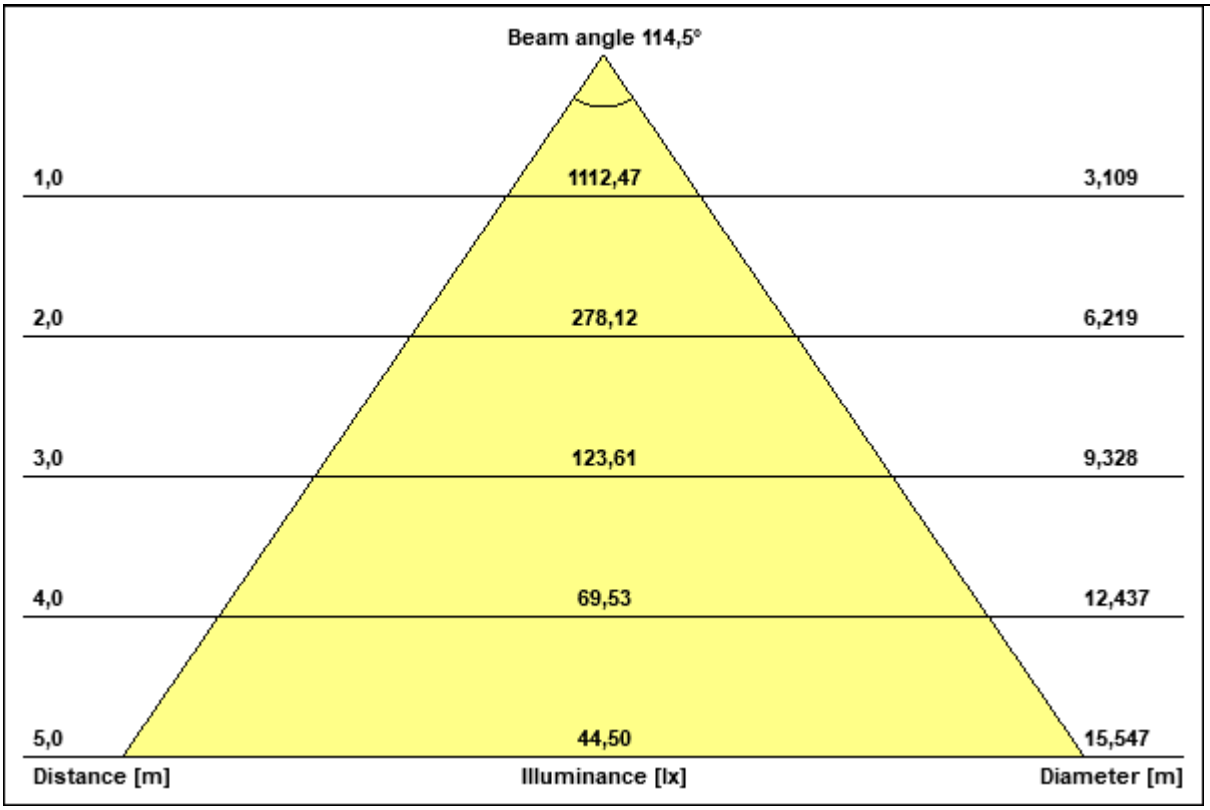
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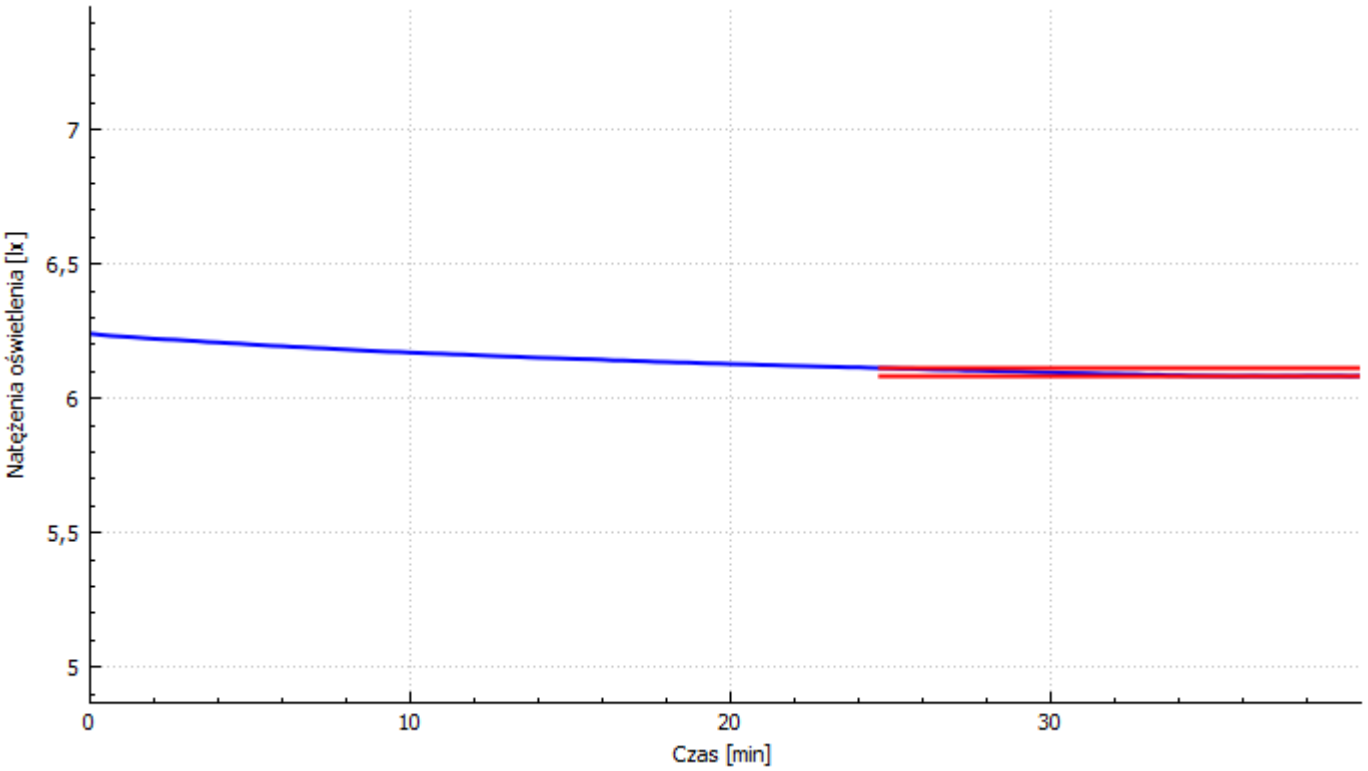
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Beam cone



Stabilization



3D Chart

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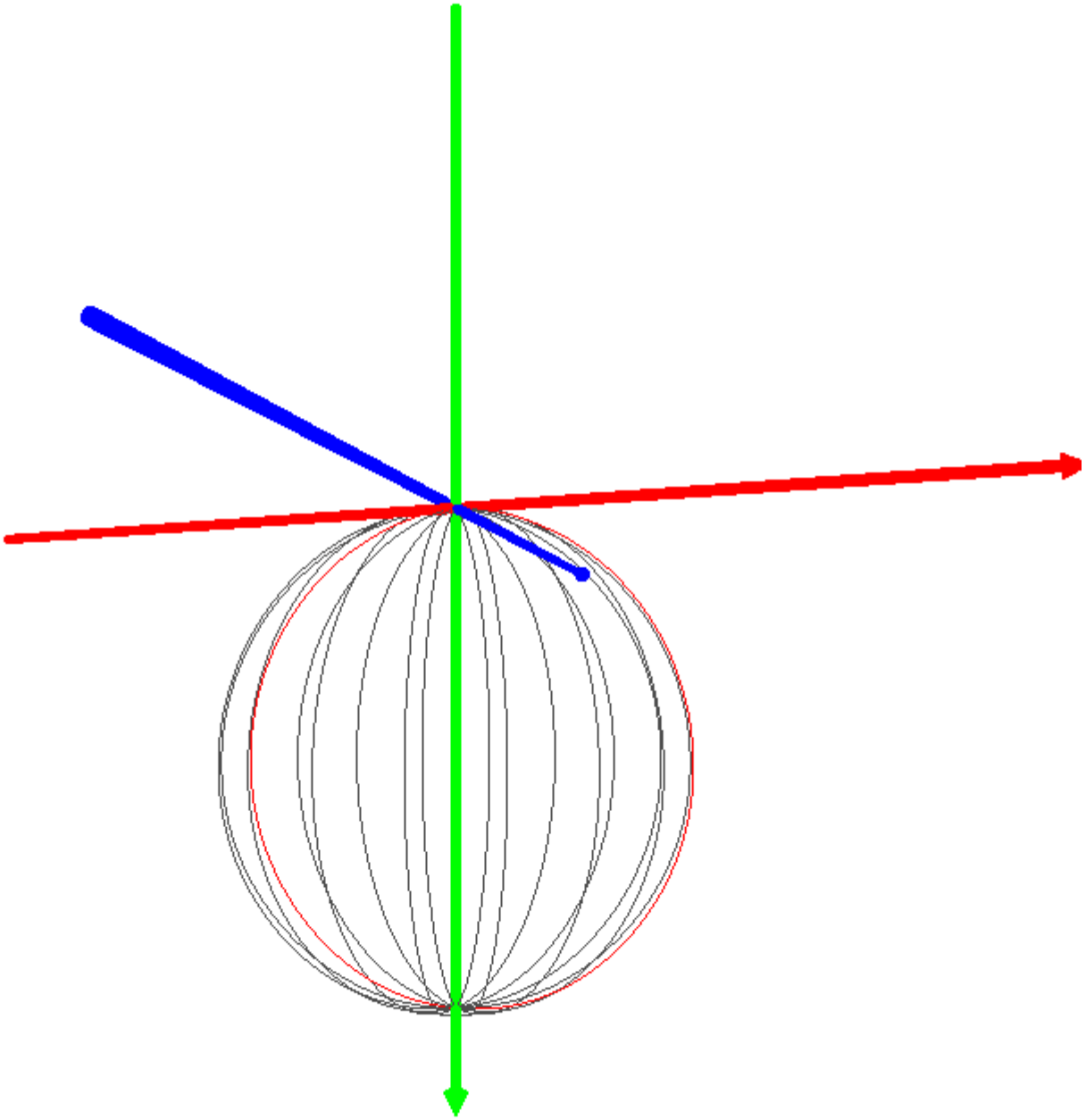
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Legend

- C0-C180

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- C90-C270
- G0-G180

Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0,0136	0,715	9,49e-05
1	100,000	100,000	100,000
2	0,00503	0,0765	3,06e-06
3	0,011	7,245	0,000759
4	0,00197	0,0805	-2,21e-07
5	0,00778	0,945	6,94e-05
6	0,000982	0,0917	3,27e-07
7	0,00664	1,625	8,62e-05
8	0	0,132	0
9	0	0,721	0
10	0	0,103	0
11	0,00329	0,918	1,41e-05
12	0	0,100	0
13	0,00513	1,909	7,72e-05
14	0	0,0682	0
15	0,00146	0,732	6,45e-07
16	0	0,124	0
17	0,00274	1,083	-5,97e-06
18	0	0,107	0
19	0,00147	0,649	-1,8e-06
20	0	0,0953	0

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21	0,00209	0,673	-6,13e-06
22	0	0,102	0
23	0,00482	0,636	8,97e-06
24	0	0,0747	0
25	0,0017	0,258	-1,81e-06
26	0	0	0
27	0,00295	0,501	3,89e-06
28	0,000922	0,0732	2,22e-06
29	0,00118	0,115	-1,05e-06
30	0	0,0761	0
31	0,00191	0,272	2,24e-06
32	0	0,131	1,92e-06
33	0,000939	0,317	-2,78e-07
34	0,000887	0,129	7,21e-07
35	0,00145	0,216	5,24e-06
36	0,00103	0,117	7,89e-07
37	0	0,356	-1,93e-06
38	0,00105	0,0961	-4,23e-07
39	0	0,355	0
40	0	0,136	4,73e-07
41	0,00354	0,393	6,32e-06
42	0	0,105	0
43	0,00266	0,566	1,01e-06
44	0,0012	0,0914	1,47e-06
45	0,00334	0,428	-2,92e-06
46	0	0,118	0
47	0,00275	0,477	-1,58e-06
48	0,00107	0,108	6,89e-08
49	0,0023	0,150	-2,44e-06
50	0	0,110	0