

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Feda 120*

Item No: *AZ6533*

Serial No.: *AZ6533*

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6533_downlight*

LuminaireName: *Fada 120*

LuminaireNumber: *AZ6533*

FileName: *AZ6533_downlight.ldt*

Date: *2025-07-18*

Dimensions of luminaire

Length: *1200 mm*

Width: *20 mm*

Height: *1000 mm*

Dimensions of luminous area

Length: *1000 mm*

Width: *15 mm*

C0-plane *0 mm*

C90-plane *0 mm*

C180-plane *0 mm*

C270-plane *0 mm*

Lamps:

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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

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Number of lamps: -1
Type of lamps: LED
Total luminous flux: 761,63 lm
Color temperatur: 3126 K
Color rendering index: 93,56
Wattage including ballast: 34,62 W

Utilization factors:

k = 0.60	0,711
k = 0.80	0,755
k = 1.00	0,803
k = 1.25	0,839
k = 1.50	0,866
k = 2.00	0,918
k = 2.50	0,927
k = 3.00	0,940
k = 4.00	0,961
k = 5.00	0,975

Electrical parameters

U = 229,612 V
 I = 0,154 A
 P = 34,615 W
Power factor = 0,979

Power apparent = 35,343 VA
Power Reactive = -7,182 var
Frequency Voltage = 50,002 Hz
THD = 5,239 %

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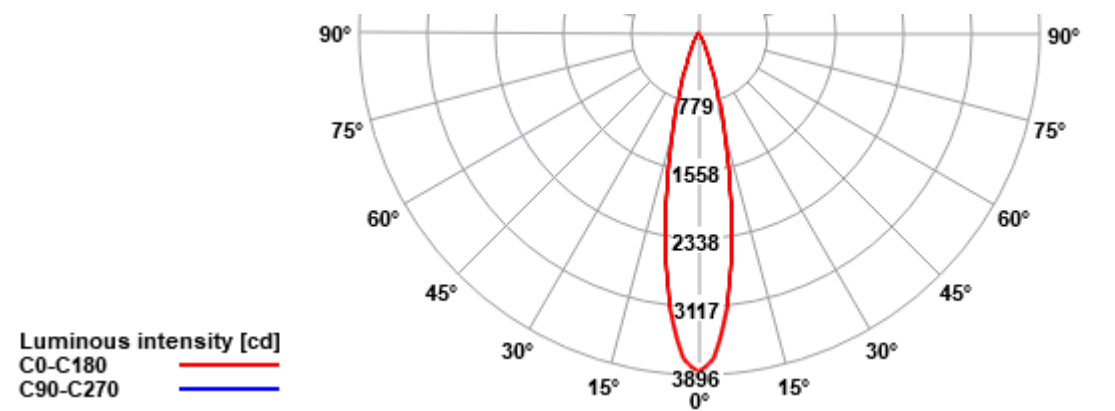
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	761,63 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	3857,43 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	22,00 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4284
y	0,4013
Angular Colour Uniformity	0,0088

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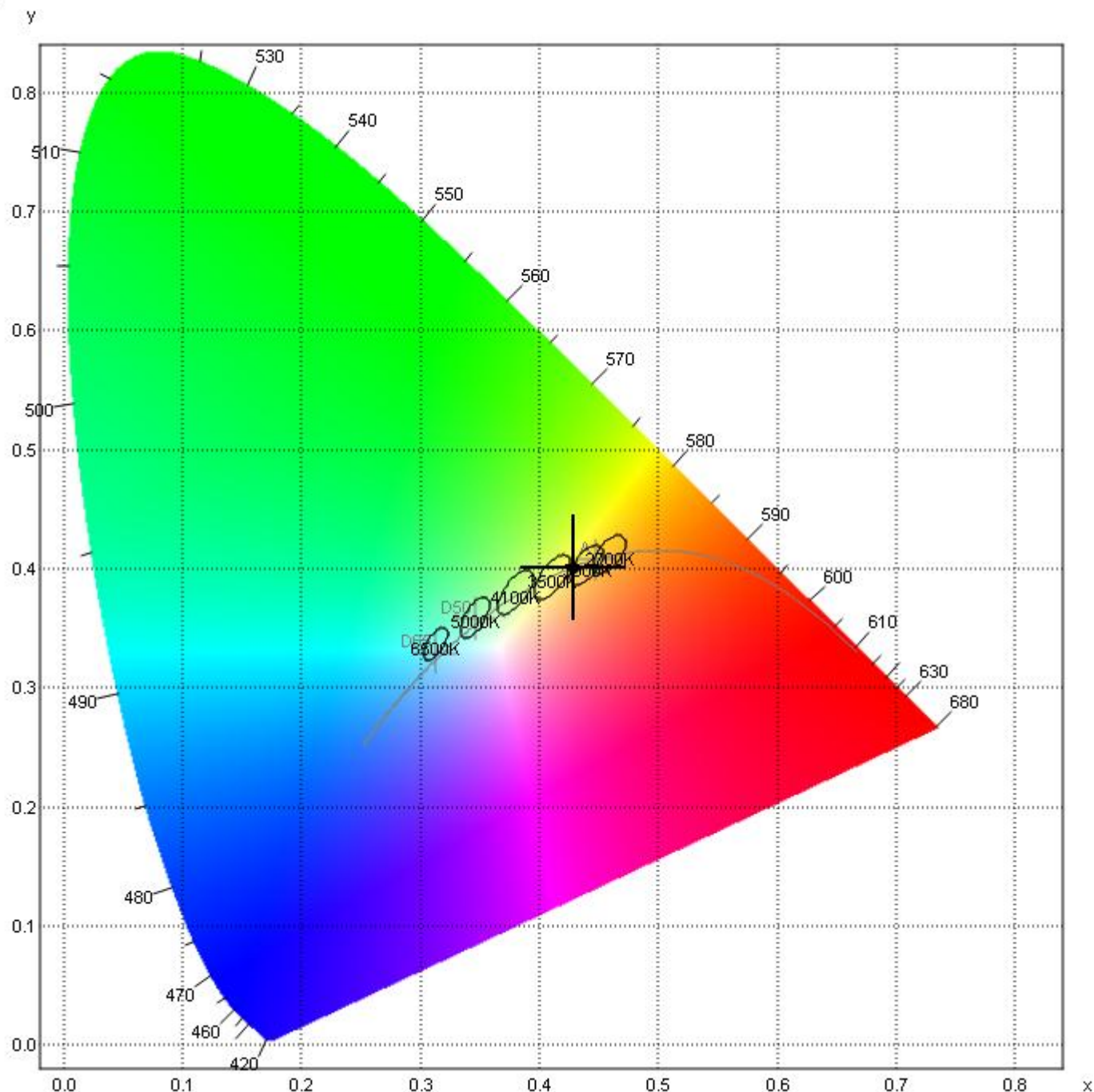
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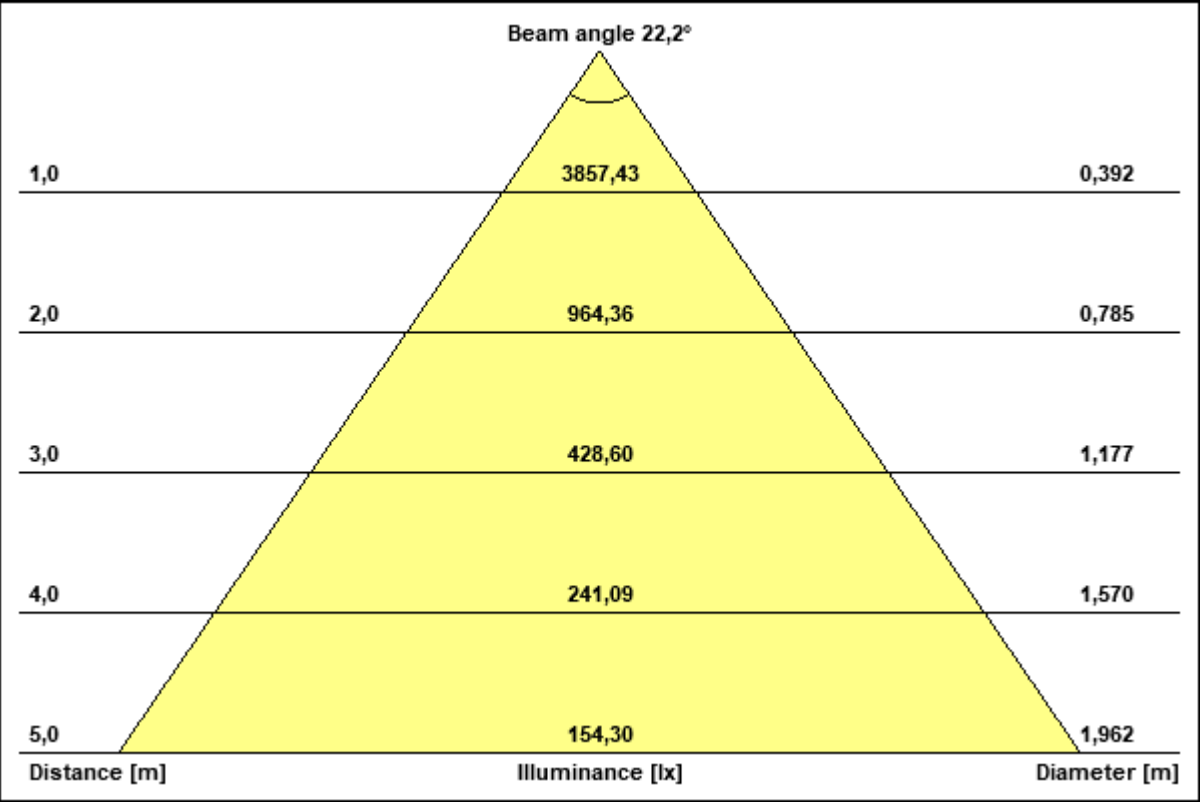
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Beam cone



Stabilization

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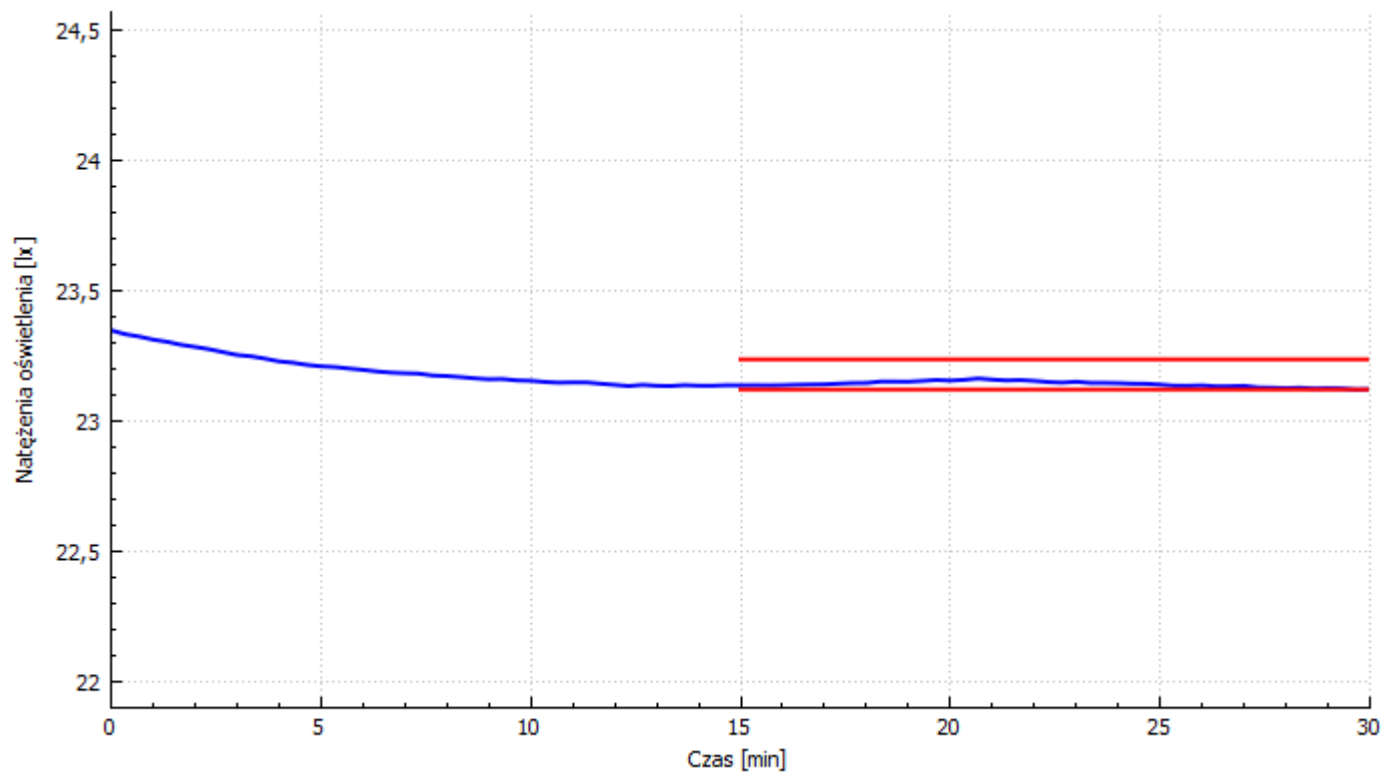
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3D Chart

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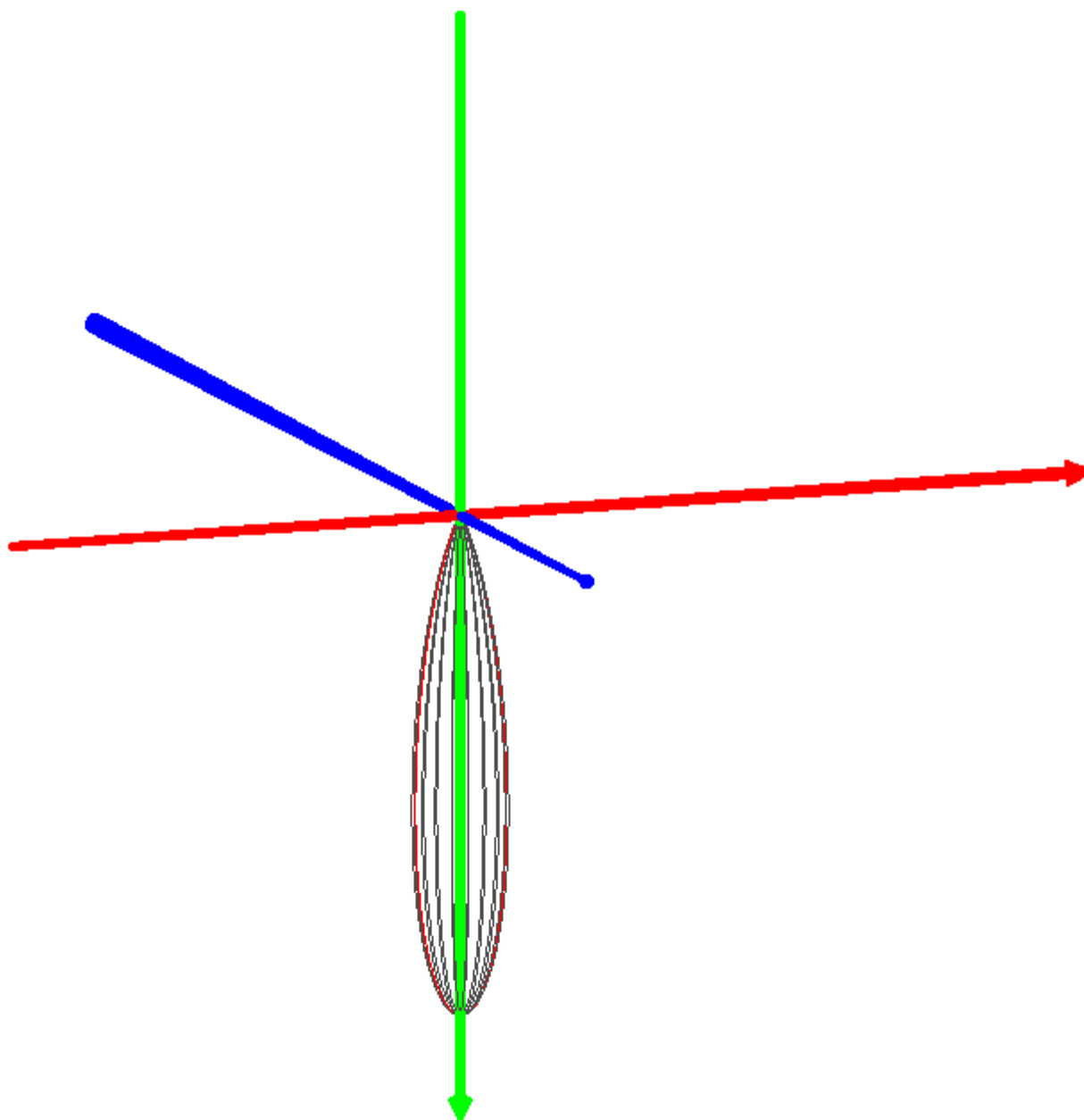
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Legend

— - C0-C180

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- C90-C270
- G0-G180

Extended
electrical
report

U(%f)

I(%f)

P(%f)

0	0,00663	0,083	1,86e-06
1	100,000	100,000	100,000
2	0,00782	0,0824	2,8e-07
3	0,00229	4,541	-3,22e-05
4	0,00239	0,0553	1,03e-07
5	0,00747	0,966	-6,06e-05
6	0,00201	0,0521	-5,27e-08
7	0,00511	0,324	-1,47e-05
8	0,00134	0,0417	7,61e-07
9	0,00183	0,883	-1,43e-05
10	0,0016	0,0323	-5,88e-07
11	0,00405	1,153	2,87e-05
12	0,00151	0,0468	3,63e-07
13	0,00383	1,285	1,84e-05
14	0,00129	0,04	-2,03e-07
15	0,0022	1,139	5,44e-06
16	0,00136	0,0334	4,55e-07
17	0,00168	0,722	3,15e-06
18	0,00102	0,0419	5,29e-08
19	0,000877	0,468	2,87e-06
20	0,00124	0,0333	3,08e-07

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21	0	0,389	0
22	0	0,0404	-1,89e-07
23	0,00351	0,384	-2,26e-07
24	0	0,0536	-1,1e-07
25	0,00162	0,289	2,3e-06
26	0	0,0394	4,76e-07
27	0,00133	0,312	2,42e-06
28	0	0,059	0
29	0	0,172	0
30	0	0,0432	9,21e-08
31	0,00139	0,154	1,36e-06
32	0	0,0363	1,84e-07
33	0,00134	0,0471	2,38e-07
34	0	0,0339	0
35	0	0,0757	-5,54e-07
36	0,00112	0,033	-2,84e-07
37	0,00114	0,0617	-8,95e-08
38	0,00112	0	3,72e-07
39	0	0,1	-7,17e-09
40	0,00123	0,0352	-8,26e-07
41	0,00181	0,0792	-2,04e-07
42	0,0014	0,0365	3,47e-07
43	0,00151	0,124	0
44	0,00131	0,042	2,6e-07
45	0,00193	0,135	1,09e-06
46	0,0016	0,0429	-2,94e-07
47	0,00203	0,157	3,05e-06
48	0,00144	0,0531	5,68e-07
49	0,00206	0,166	2,01e-06
50	0,00169	0,0353	0

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