

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *MANE 10W 4000K WHITE*

Item No: *AZ4324*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Mane 10W NEW*

LuminaireNumber: *AZ4324*

FileName: *AZ4324.Idt*

Date: *2021-04-16*

Dimensions of luminaire

Length: *80 mm*

Width: *0 mm*

Height: *82 mm*

Dimensions of luminous area

Length: *45 mm*

Width: *0 mm*

C0-plane *23 mm*

C90-plane *23 mm*

C180-plane *23 mm*

C270-plane *23 mm*

Lamps:

Number of lamps: -1
Type of lamps: *Led zintegrowany*
Total luminous flux: *882,49 lm*
Color temperatur: *4230.59 K*
Color rendering index: *90,73*
Wattage including ballast: *10,62 W*

Utilization factors:

k = 0.60	<i>0,700</i>
k = 0.80	<i>0,749</i>
k = 1.00	<i>0,800</i>
k = 1.25	<i>0,839</i>
k = 1.50	<i>0,868</i>
k = 2.00	<i>0,920</i>
k = 2.50	<i>0,930</i>
k = 3.00	<i>0,943</i>
k = 4.00	<i>0,963</i>
k = 5.00	<i>0,976</i>

Electrical parameters

U = *229,690 V*
I = *0,098 A*
P = *10,620 W*
Power factor = *0,471*

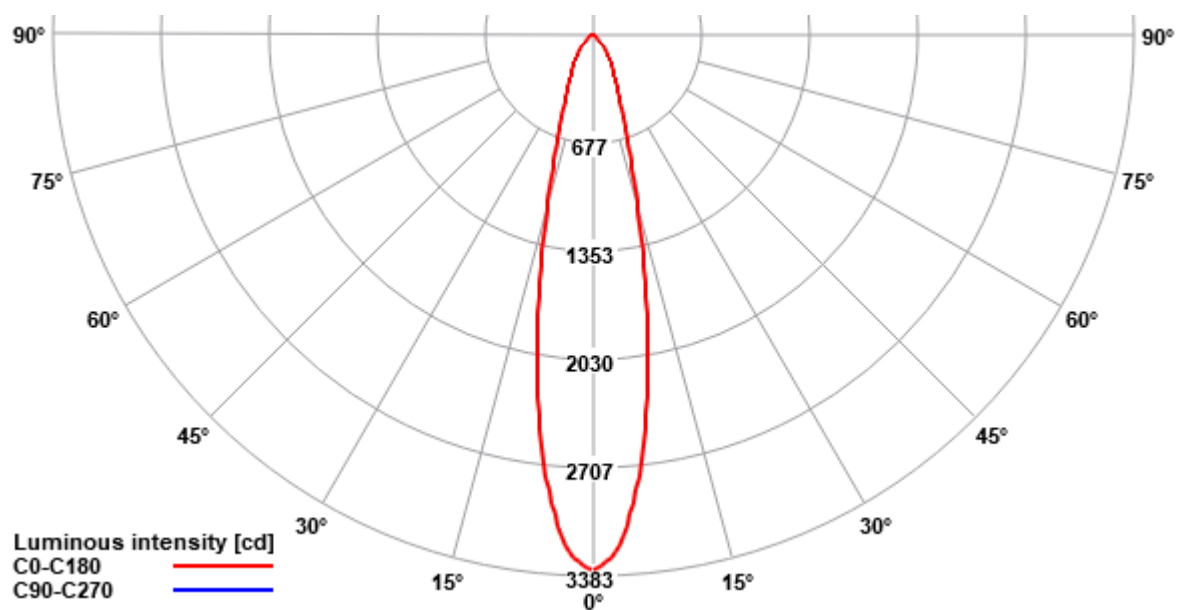
Power apparent = *22,552 VA*
Power Reactive = *-19,896 var*
Frequency Voltage = *50,002 Hz*
THD = *0,000 %*

Temperature = *22 C*

Goniometric measurement results

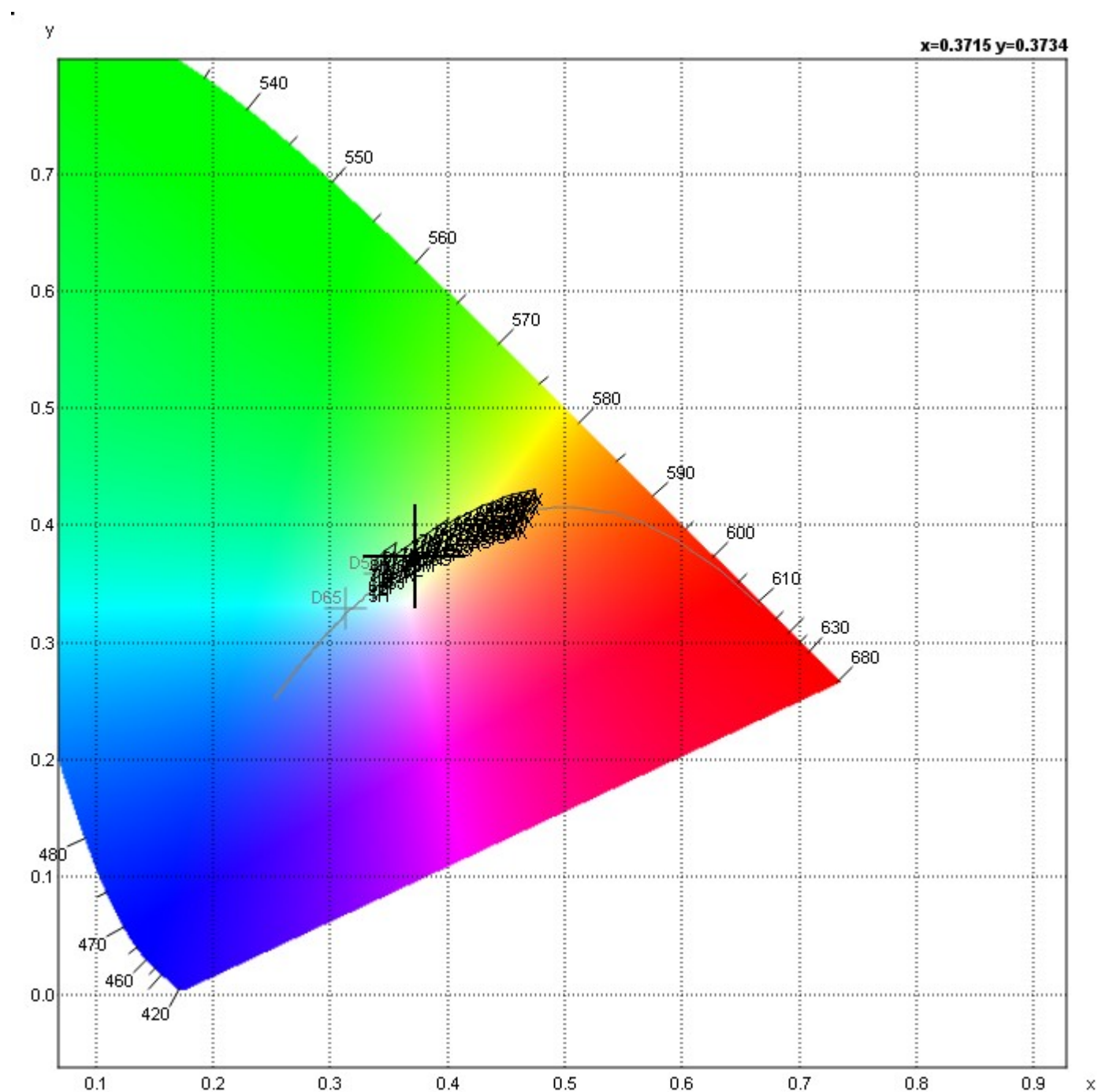
Total flux (utilized luminarie flux)	882,49 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	3349,85 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	83,10 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,3715
y 0,3734
Angular Colour Uniformity 0,0036



GL Optic R&D Center Sp. z o.o.

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EUR: IBAN 06 1750 0012 0000 0000 2709 9467

SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

Beam cone

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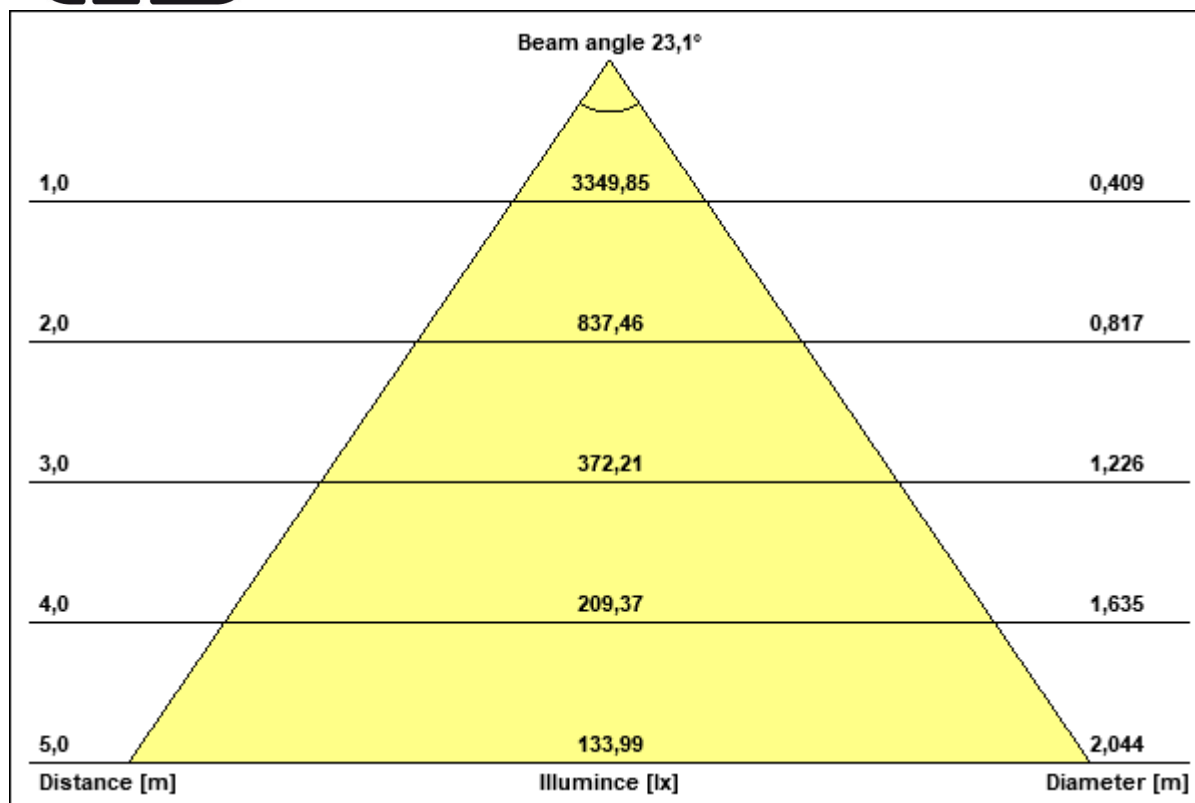
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Stabilization

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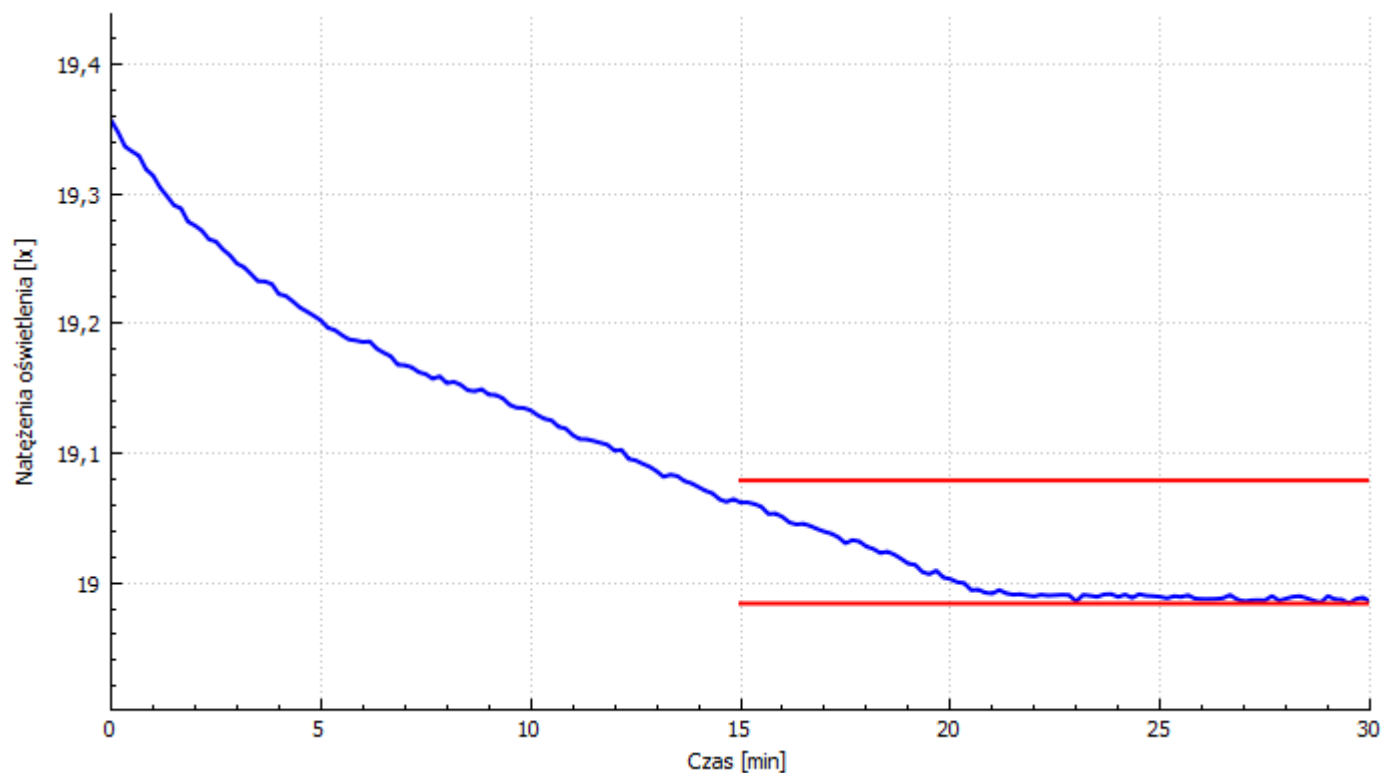
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3D Chart

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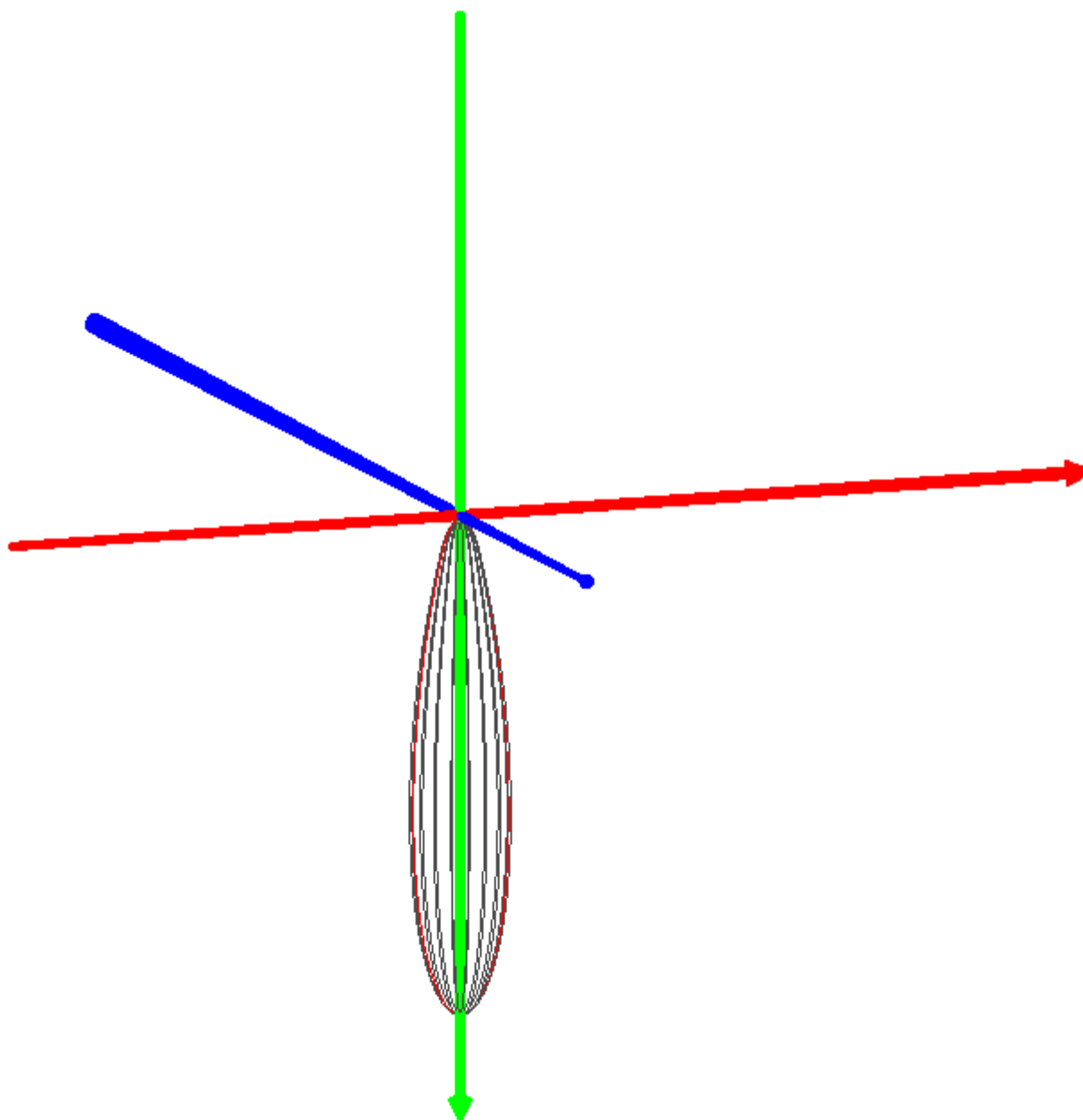
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Legend

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

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0	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
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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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31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
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