

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *MANE 20W WH*

Item No: *AZ4152*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Mane 20W*

LuminaireNumber: *AZ4152*

FileName: *AZ4152.Idt*

Date: *2021-04-17*

Dimensions of luminaire

Length: *100 mm*

Width: *0 mm*

Height: *100 mm*

Dimensions of luminous area

Length: *55 mm*

Width: *0 mm*

C0-plane *27 mm*

C90-plane *27 mm*

C180-plane *27 mm*

C270-plane *27 mm*

Lamps:

Number of lamps: -1
Type of lamps: *Led zintegrowany*
Total luminous flux: *1664,40 lm*
Color temperatur: *3041.48 K*
Color rendering index: *91,73*
Wattage including ballast: *19,47 W*

Utilization factors:

k = 0.60	<i>0,690</i>
k = 0.80	<i>0,741</i>
k = 1.00	<i>0,793</i>
k = 1.25	<i>0,833</i>
k = 1.50	<i>0,863</i>
k = 2.00	<i>0,916</i>
k = 2.50	<i>0,926</i>
k = 3.00	<i>0,940</i>
k = 4.00	<i>0,960</i>
k = 5.00	<i>0,974</i>

Electrical parameters

U = *229,602 V*
I = *0,195 A*
P = *19,470 W*
Power factor = *0,435*

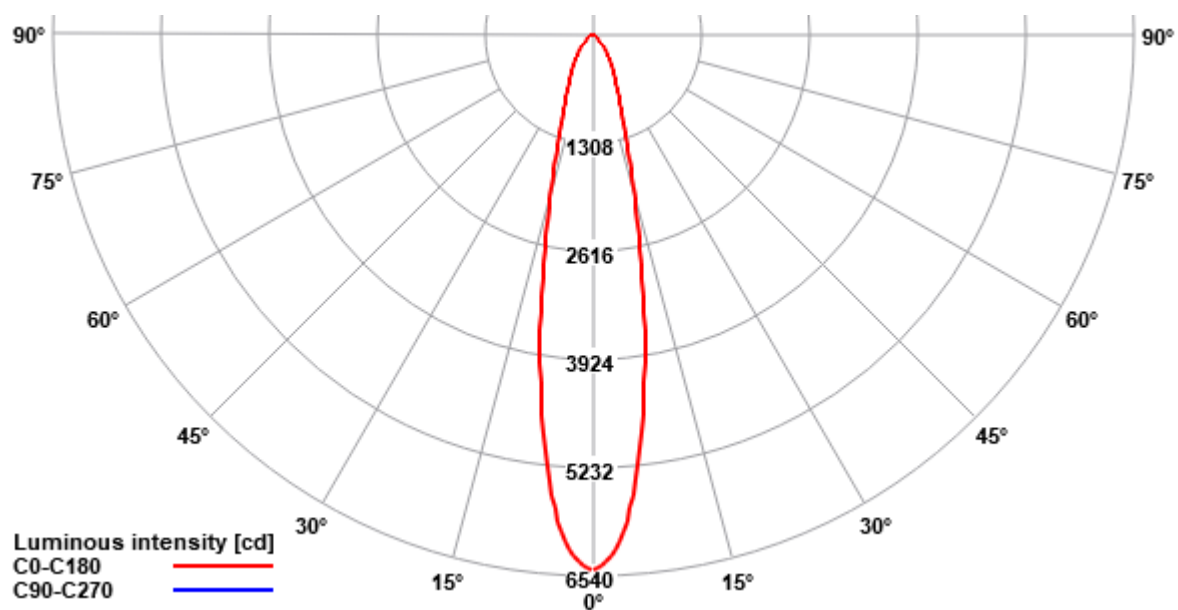
Power apparent = *44,778 VA*
Power Reactive = *-40,327 var*
Frequency Voltage = *50,002 Hz*
THD = *0,000 %*

Temperature = *22 C*

Goniometric measurement results

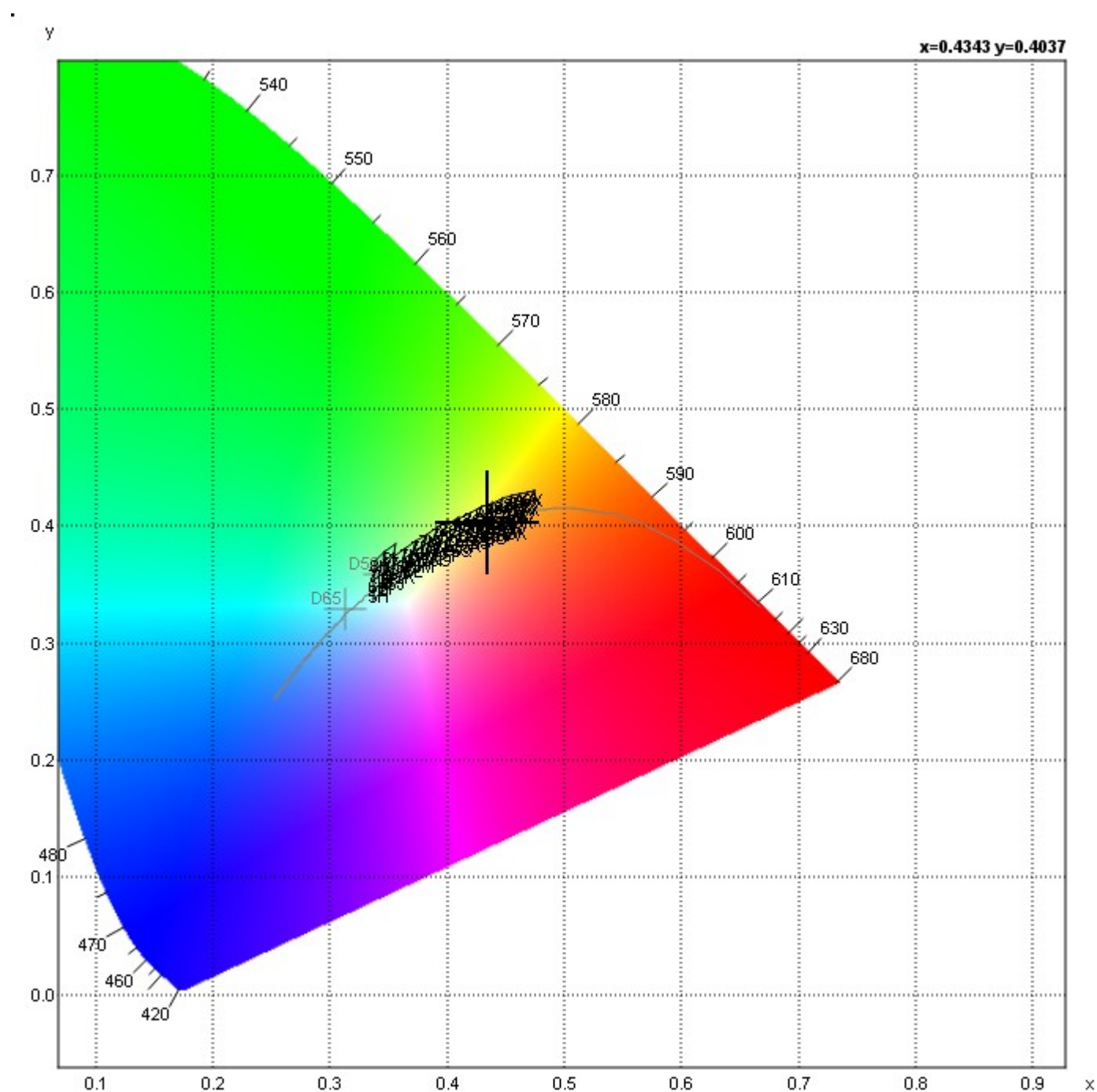
Total flux (utilized luminarie flux)	1664,40 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	6475,04 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	85,49 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4343
y 0,4037
Angular Colour Uniformity 0,0014



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

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PLN: IBAN 78 1750 0012 0000 0000 2709 9432

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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

Beam cone

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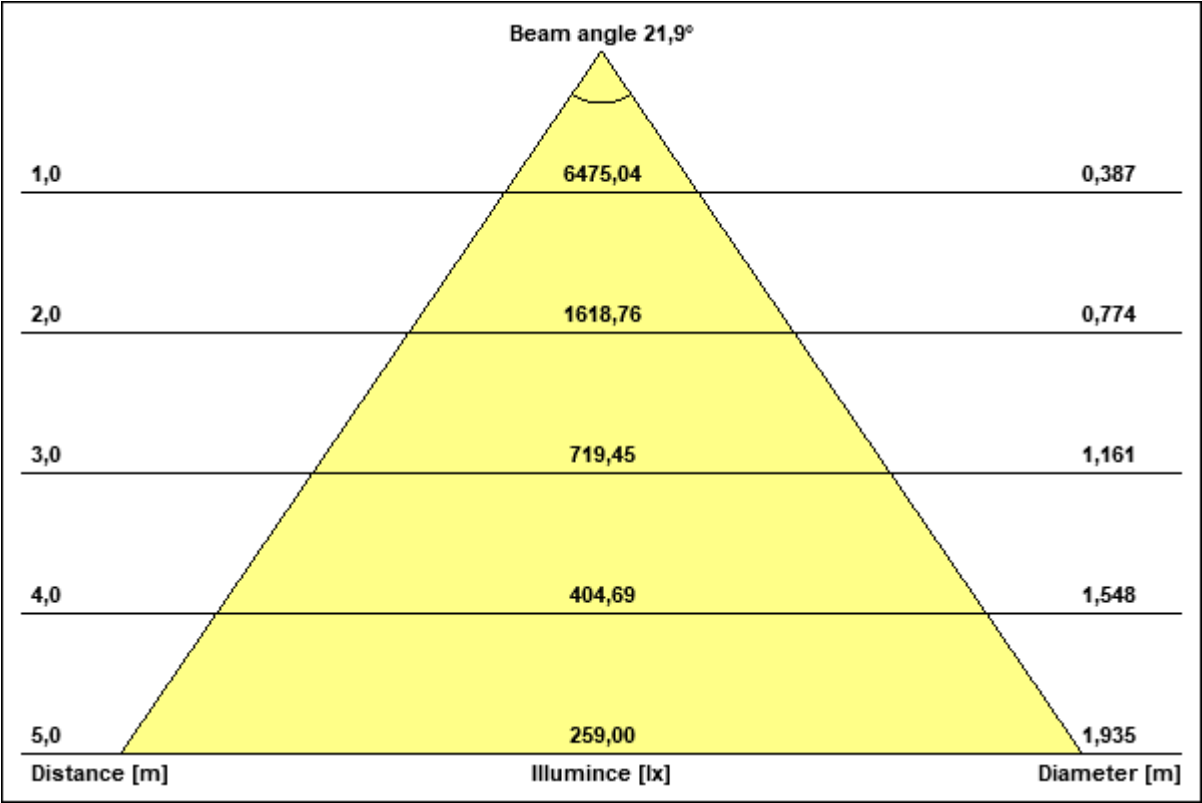
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

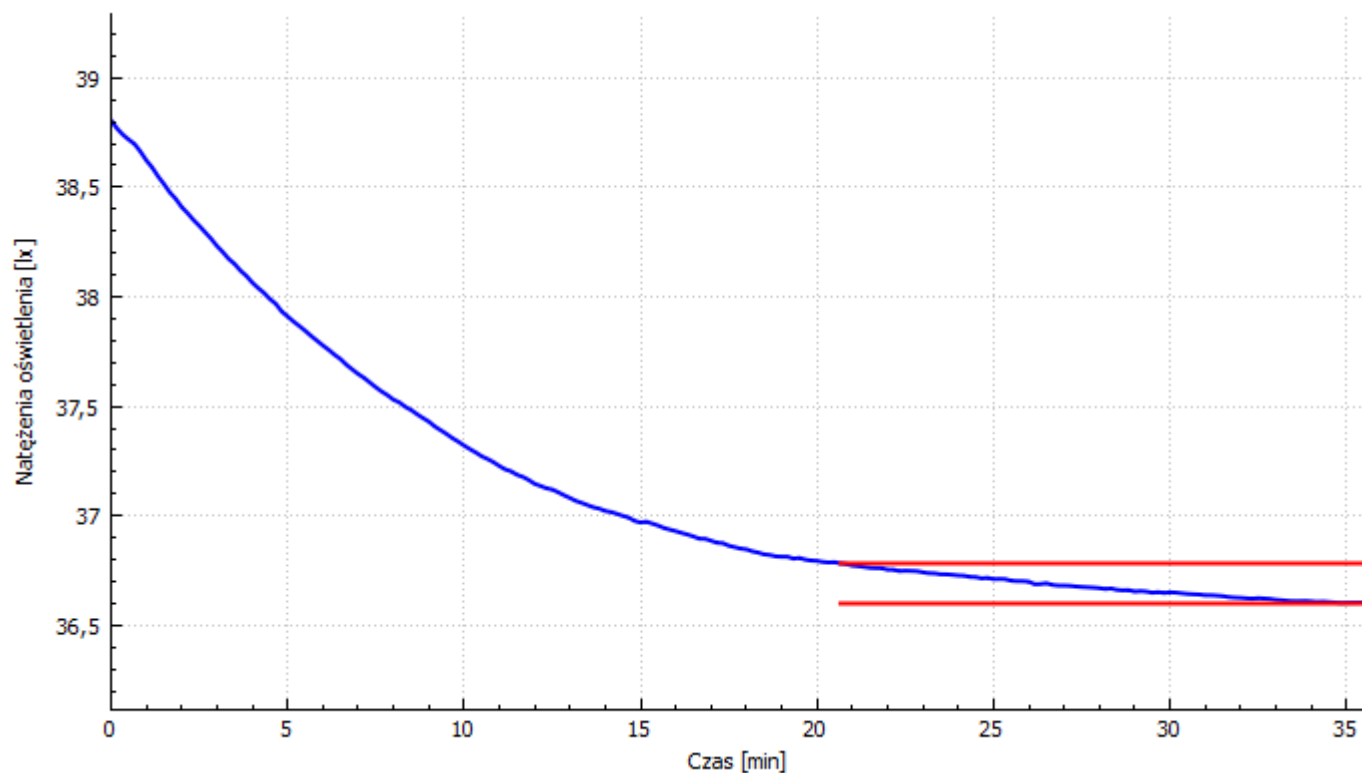
REGON 360317241

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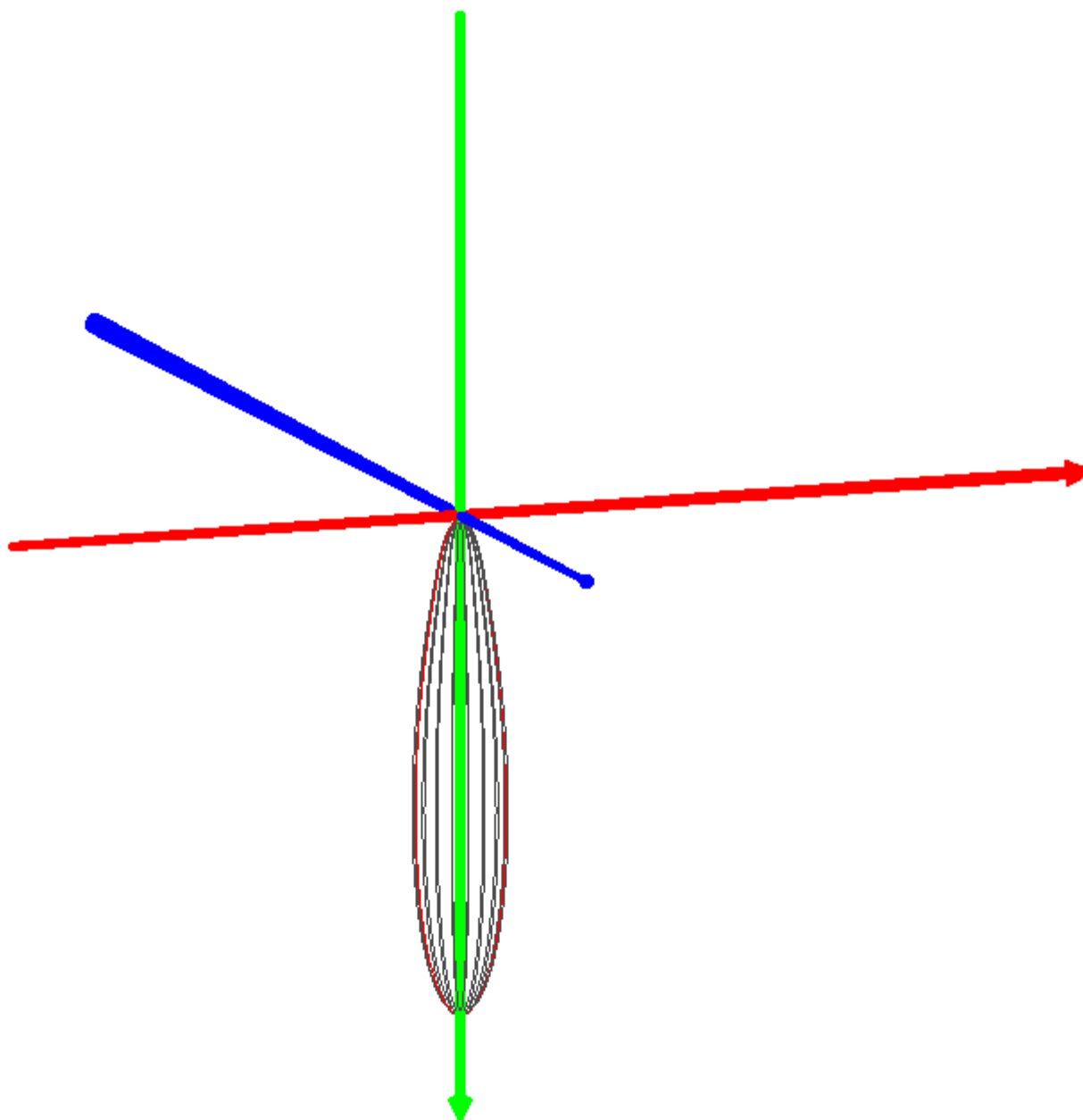
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Stabilization



3D Chart



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
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
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