

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *MANE 30W DIMM WH*

Item No: *AZ4330*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Mane 30W DIMM*

LuminaireNumber: *AZ4330*

FileName: *AZ4330.Idt*

Date: *2021-04-19*

Dimensions of luminaire

Length: *115 mm*

Width: *0 mm*

Height: *110 mm*

Dimensions of luminous area

Length: *70 mm*

Width: *0 mm*

C0-plane *45 mm*

C90-plane *45 mm*

C180-plane *45 mm*

C270-plane *45 mm*

Lamps:

Number of lamps: -1
Type of lamps: *Led zintegrowany*
Total luminous flux: *2650,25 lm*
Color temperatur: *3009.1 K*
Color rendering index: *92,38*
Wattage including ballast: *29,24 W*

Utilization factors:

k = 0.60	<i>0,714</i>
k = 0.80	<i>0,760</i>
k = 1.00	<i>0,810</i>
k = 1.25	<i>0,846</i>
k = 1.50	<i>0,874</i>
k = 2.00	<i>0,925</i>
k = 2.50	<i>0,934</i>
k = 3.00	<i>0,947</i>
k = 4.00	<i>0,966</i>
k = 5.00	<i>0,980</i>

Electrical parameters

<i>U</i>	<i>= 229,548 V</i>
<i>I</i>	<i>= 0,132 A</i>
<i>P</i>	<i>= 29,244 W</i>
<i>Power factor</i>	<i>= 0,968</i>

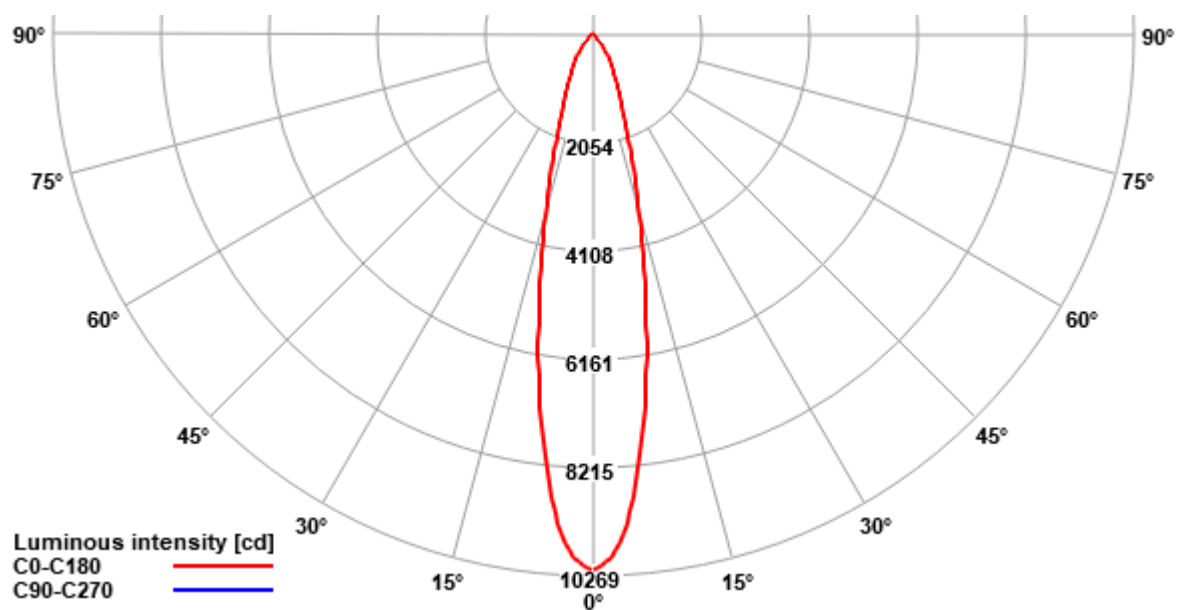
<i>Power apparent</i>	<i>= 30,205 VA</i>
<i>Power Reactive</i>	<i>= -7,561 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 0,000 %</i>

Temperature = 22 C

Goniometric measurement results

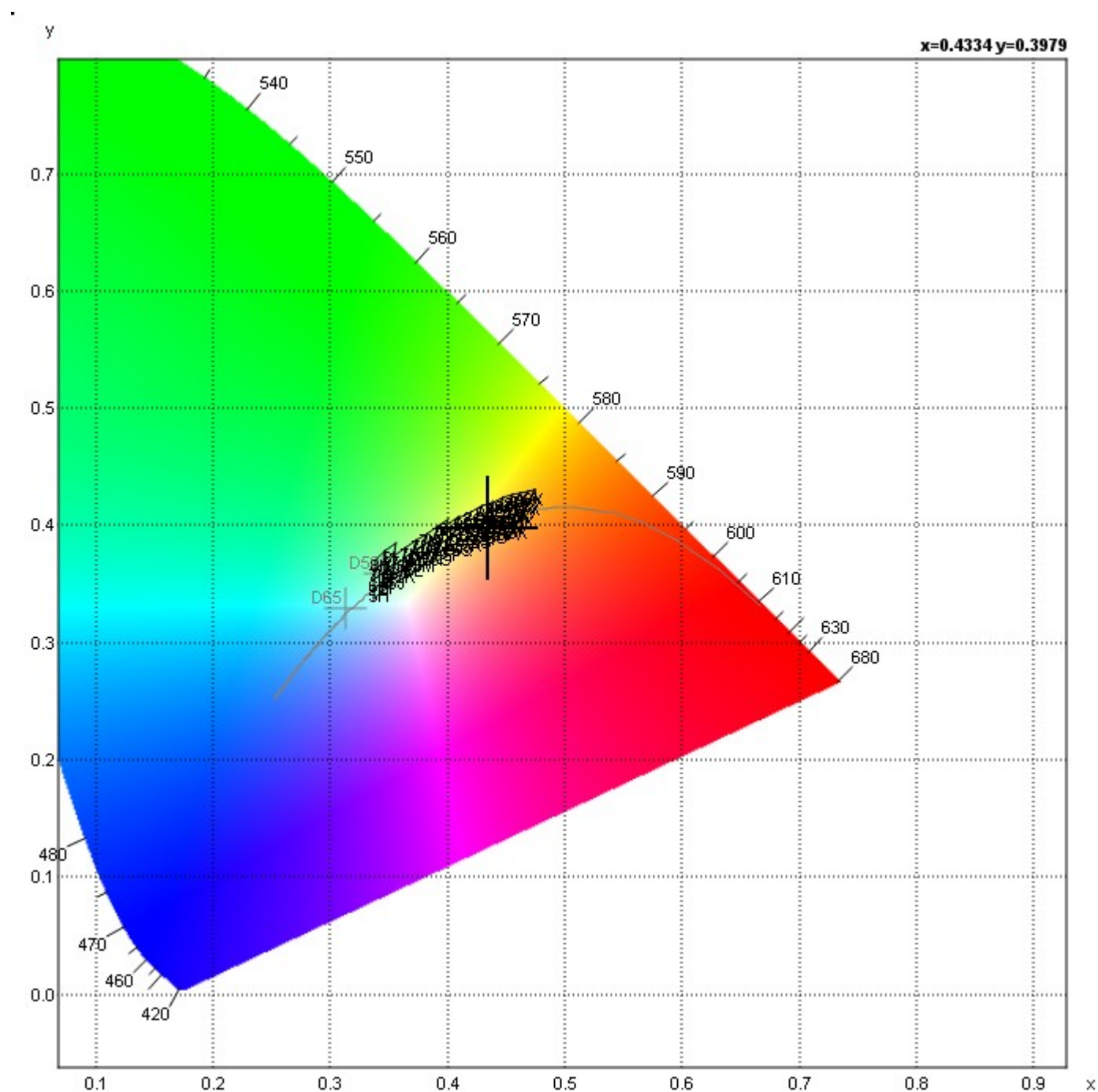
Total flux (utilized luminarie flux)	2650,25 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	10167,40 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	90,64 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4334
y 0,3979
Angular Colour Uniformity 0,0005



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

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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 200.000 PLN

Beam cone

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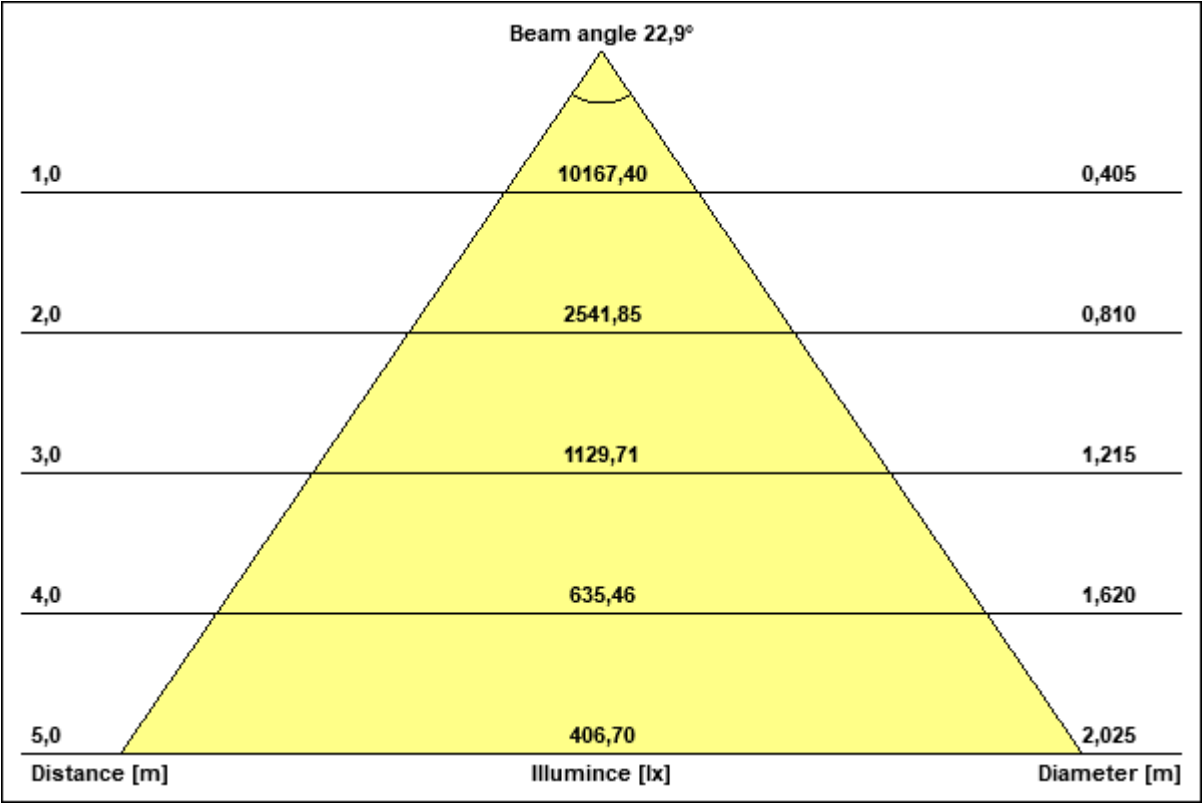
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

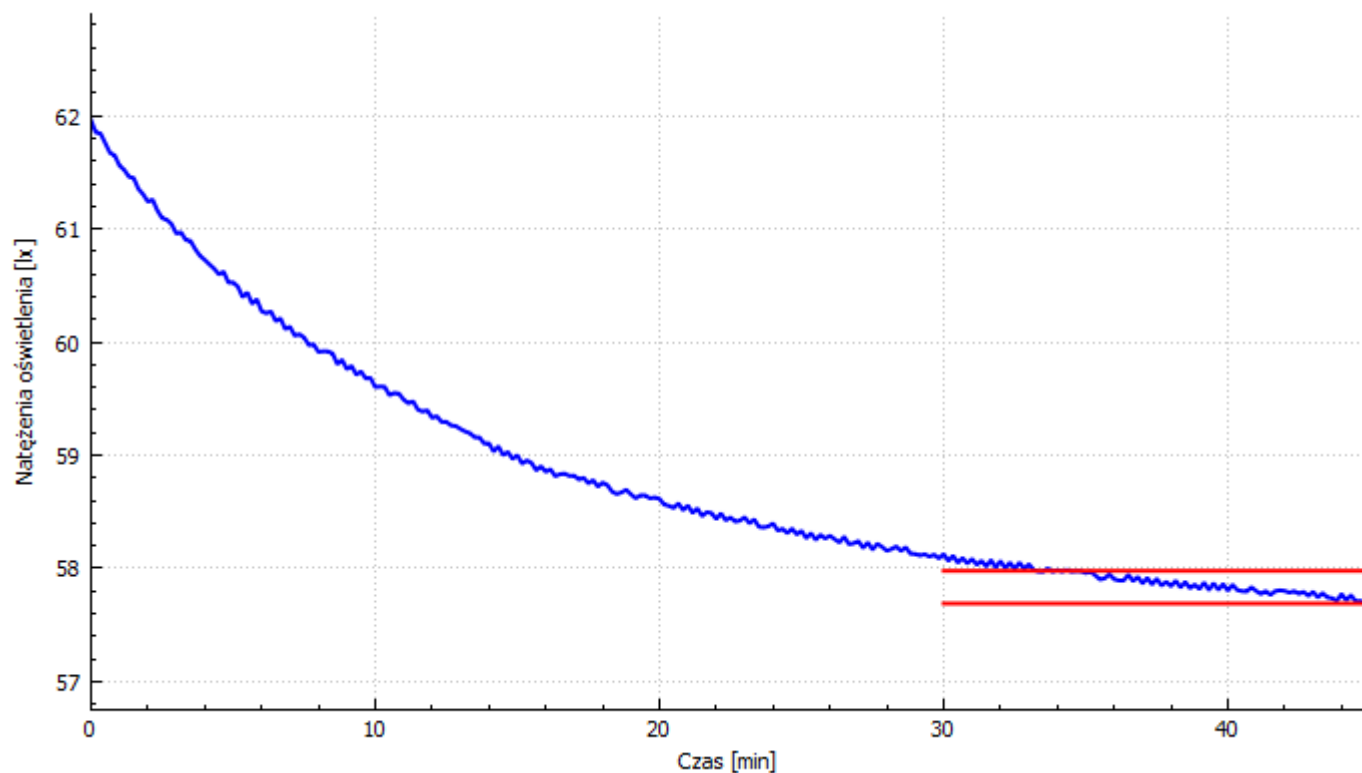
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Stabilization



3D Chart

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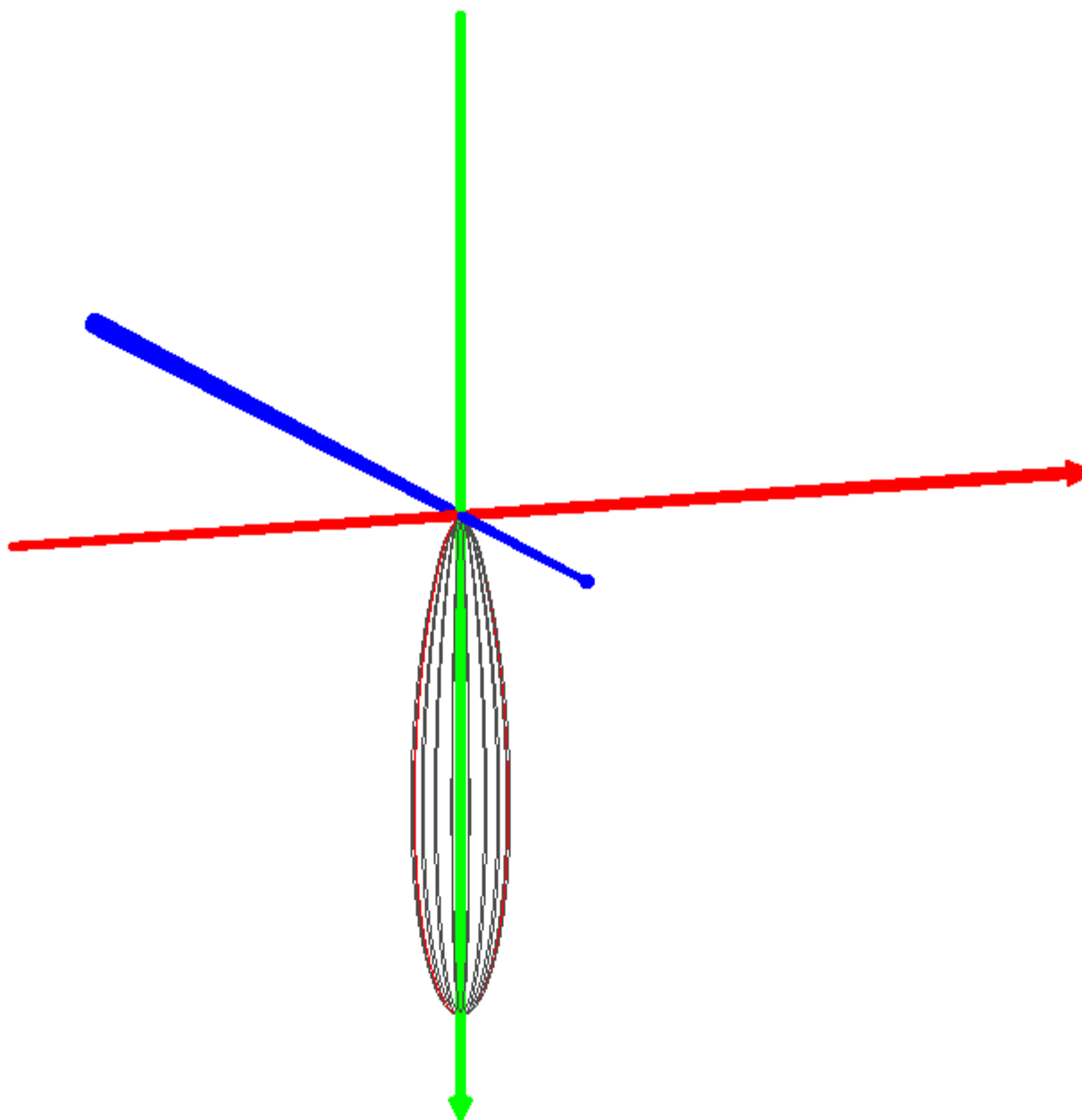
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Legend

- 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
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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