

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Makita 30W CCT 3000*

Item No: *AZ4842*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo Polska Sp. z o.o.*

Report number: *AZ4842-3000K*

LuminaireName: *Makita 30W CCT*

LuminaireNumber: *AZ4842-3000K*

FileName: *AZ48423000K.Idt*

Date: *2023-01-24*

Dimensions of luminaire

Length: *85 mm*

Width: *0 mm*

Height: *200 mm*

Dimensions of luminous area

Length: *70 mm*

Width: *0 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: 2282,78 lm
Color temperatur: 2756 K
Color rendering index: 86,23
Wattage including ballast: 29,05 W

Utilization factors:

k = 0.60 0,713
k = 0.80 0,757
k = 1.00 0,806
k = 1.25 0,842
k = 1.50 0,869
k = 2.00 0,921
k = 2.50 0,929
k = 3.00 0,943
k = 4.00 0,964
k = 5.00 0,977

Electrical parameters

U = 229,685 V
I = 0,388 A
P = 29,046 W
Power factor = 0,326

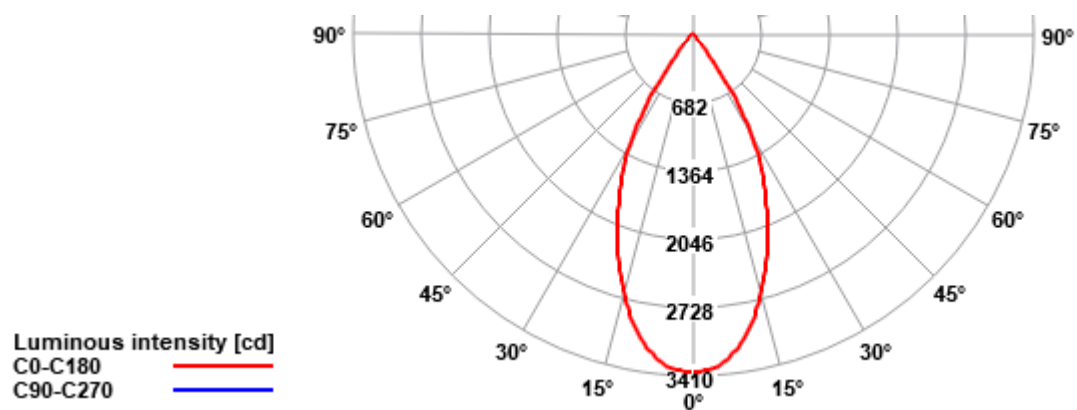
Power apparent = 89,109 VA
Power Reactive = -84,244 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 25 C

Goniometric measurement results

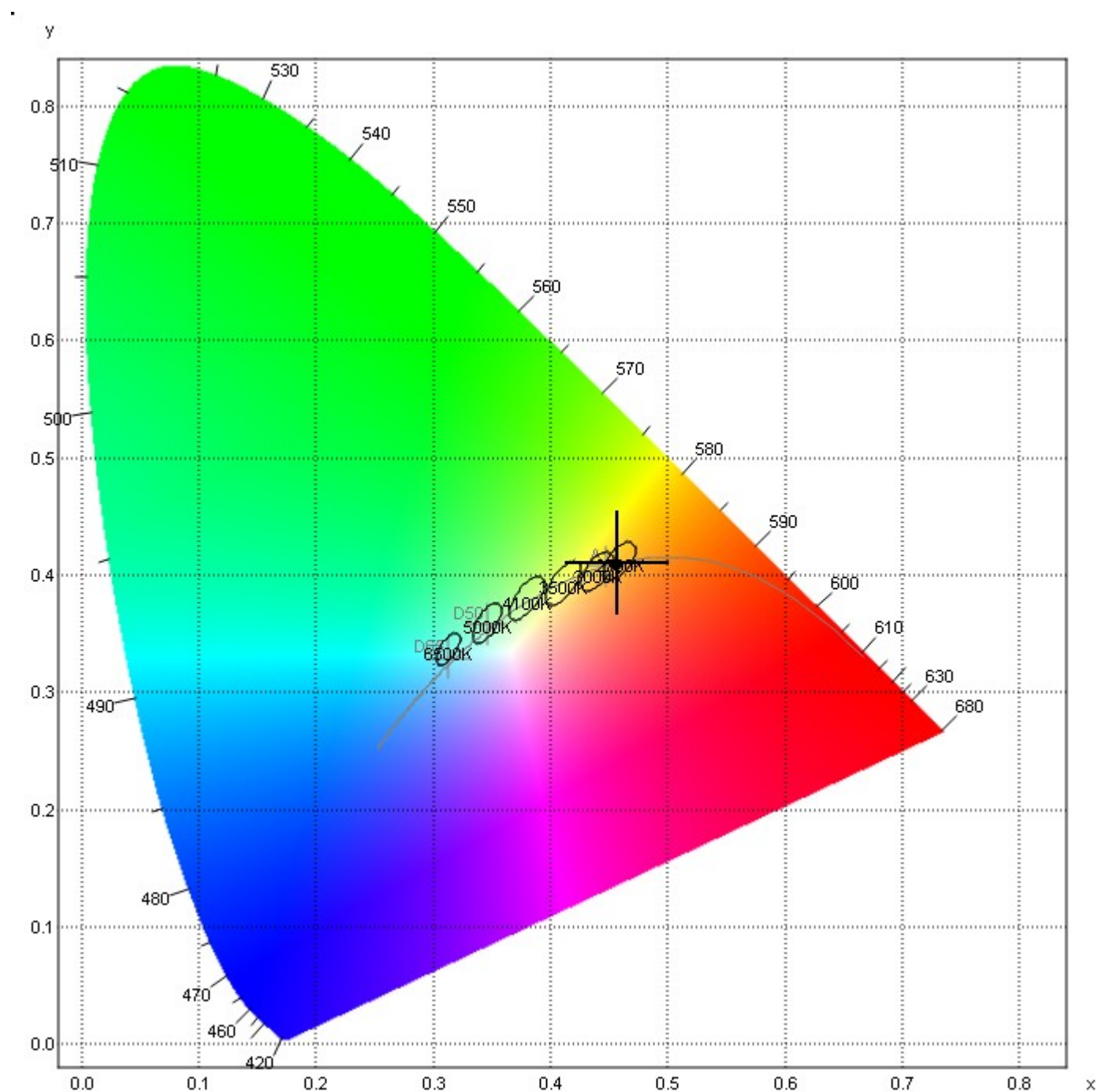
Total flux (utilized luminarie flux)	2282,78 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	3376,09 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	78,58 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,4559
y 0,4107
Angular Colour Uniformity 0,0030



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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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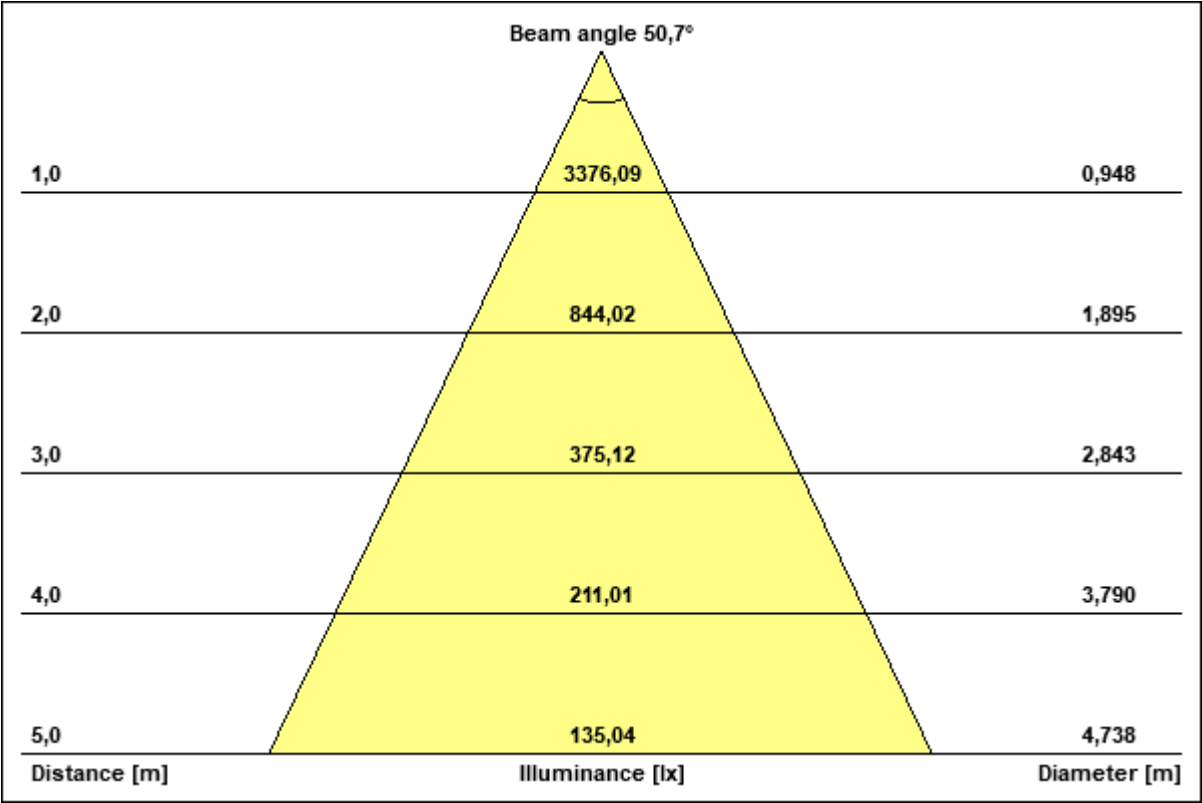
SWIFT BIC: RCBWPLPW

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Stabilization

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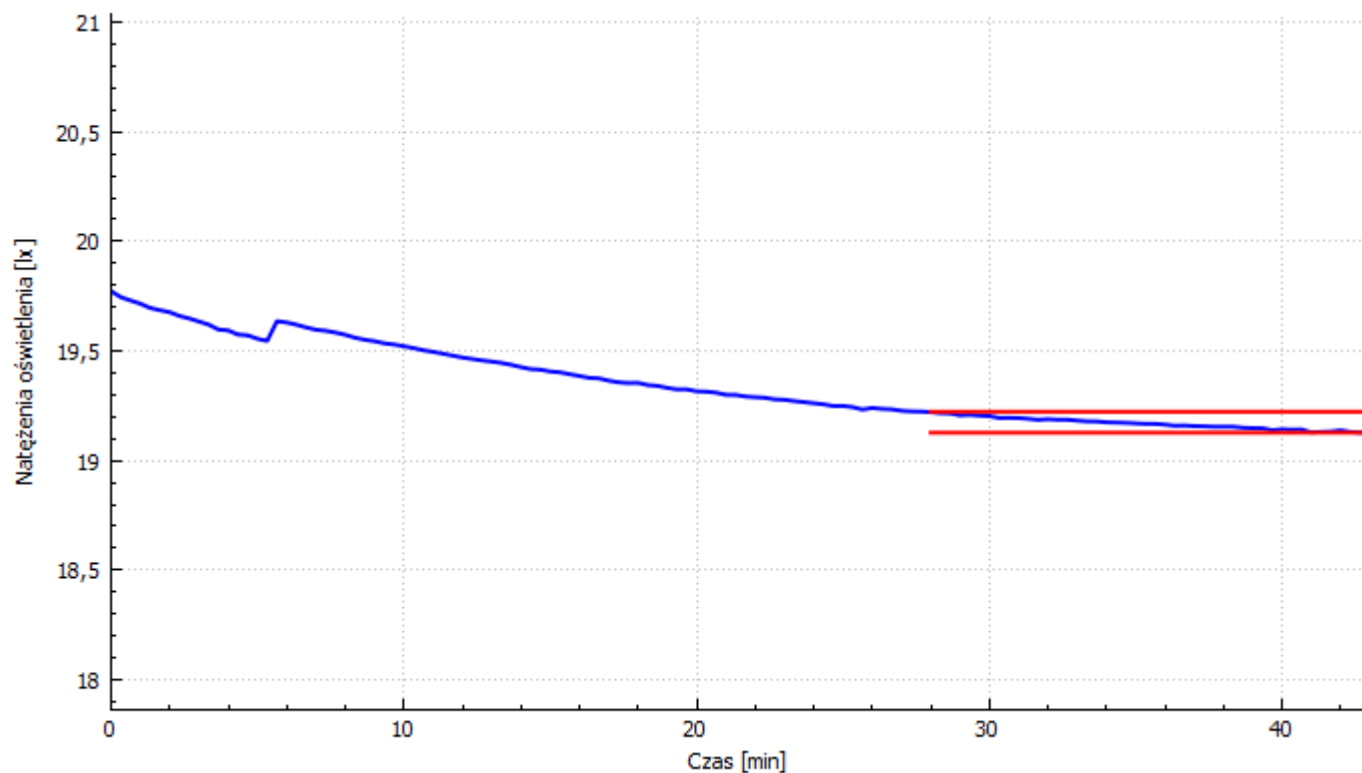
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3D Chart

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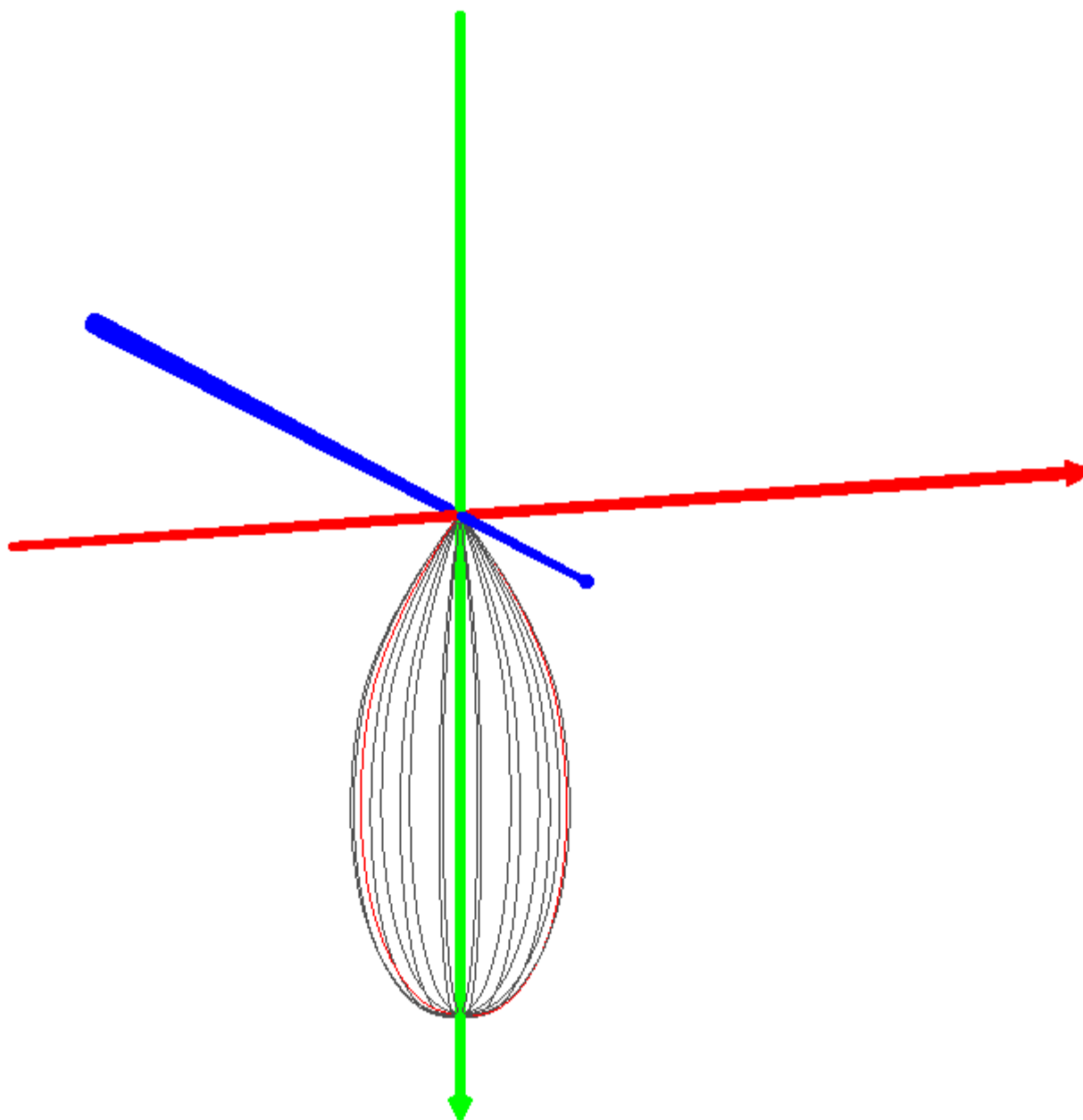
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Legend

- 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
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19	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