

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *FILL S 4000K BLACK*

Item No: *AZ3380*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Fill S 4000K*

LuminaireNumber: *AZ3380*

FileName: *AZ3380.Idt*

Date: *2020-12-09*

Dimensions of luminaire

Length: *45 mm*

Width: *45 mm*

Height: *50 mm*

Dimensions of luminous area

Length: *20 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: 493,94 lm
Color temperatur: 4014.82 K
Color rendering index: 81,03
Wattage including ballast: 6,14 W

Utilization factors:

k = 0.60	0,711
k = 0.80	0,757
k = 1.00	0,807
k = 1.25	0,844
k = 1.50	0,871
k = 2.00	0,923
k = 2.50	0,932
k = 3.00	0,945
k = 4.00	0,965
k = 5.00	0,979

Electrical parameters

<i>U</i>	= 229,621 V
<i>I</i>	= 0,051 A
<i>P</i>	= 6,140 W
<i>Power factor</i>	= 0,526

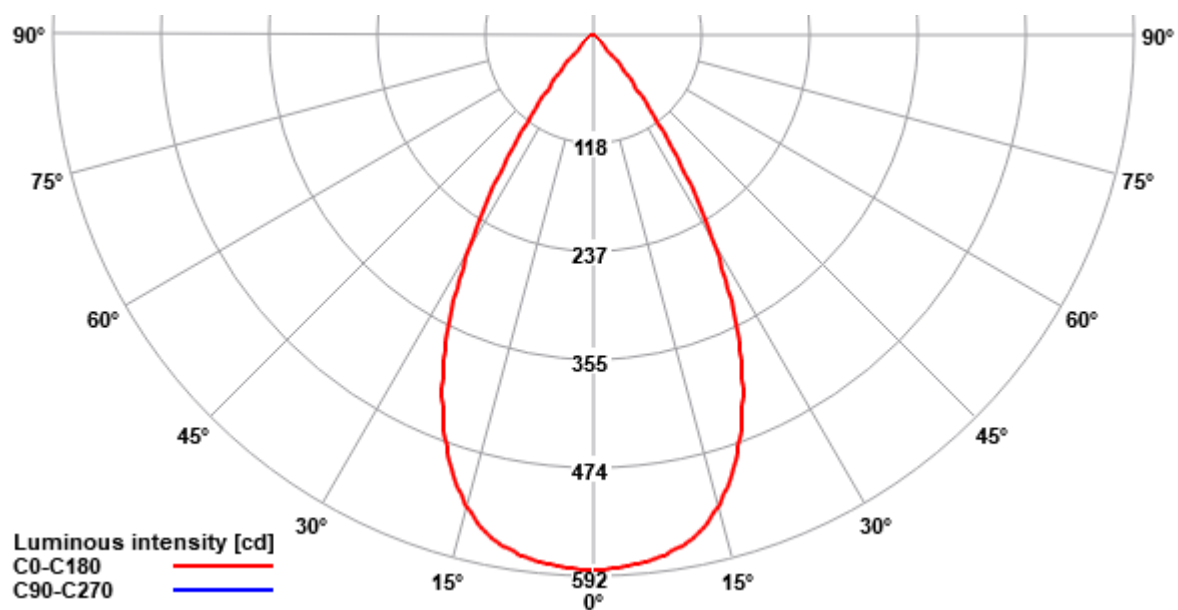
<i>Power apparent</i>	= 11,675 VA
<i>Power Reactive</i>	= -7,724 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 0,000 %

Temperature = 22 C

Goniometric measurement results

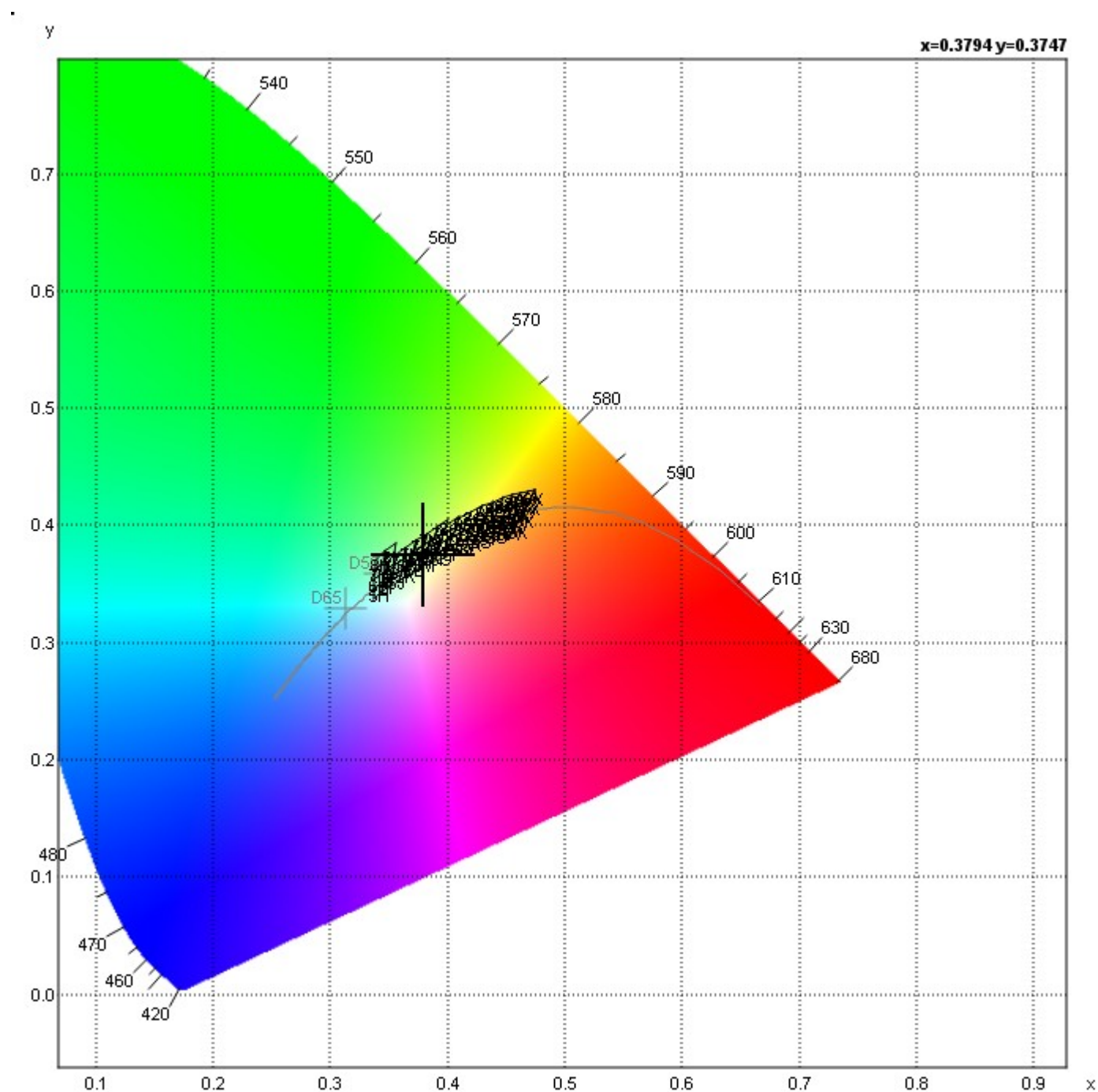
Total flux (utilized luminarie flux)	<i>493,94 lm</i>
Flux in lower hemisphere	<i>100,00 %</i>
Flux in upper hemisphere	<i>0,00 %</i>
Maximum luminous intensity	<i>586,48 cd</i>
Light output ratio (LOR)	<i>100,00 %</i>
Luminous efficacy	<i>80,45 lm/W</i>

Light intensity distribution diagram



CIE 1931 diagram

x 0,3794
y 0,3747
Angular Colour Uniformity 0,0104



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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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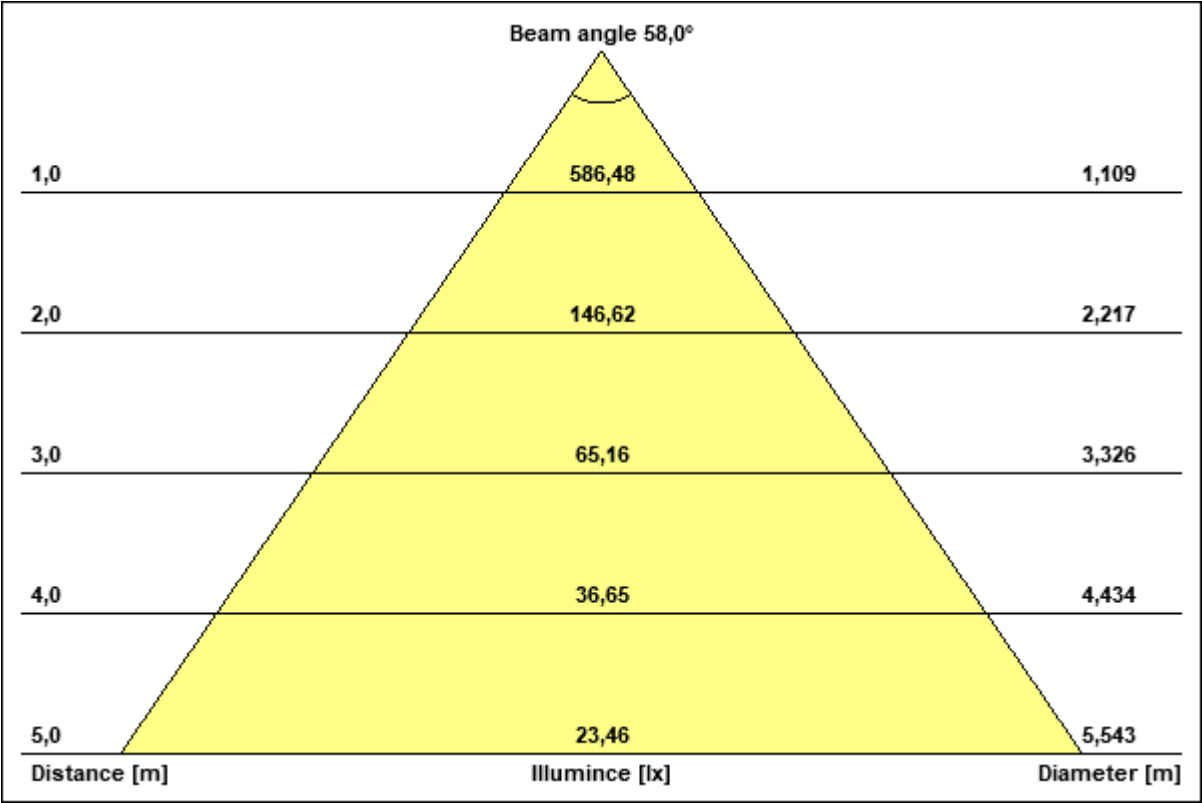
SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

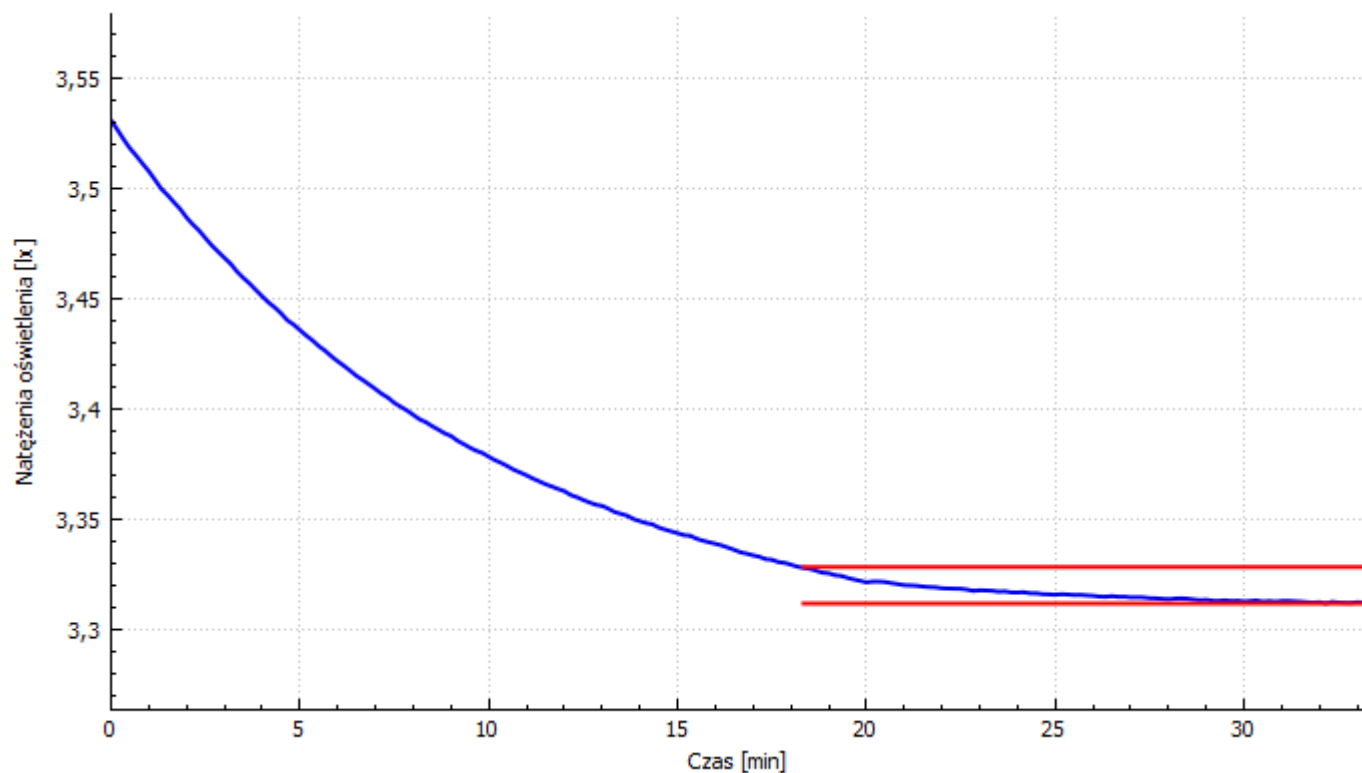
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Stabilization



3D Chart

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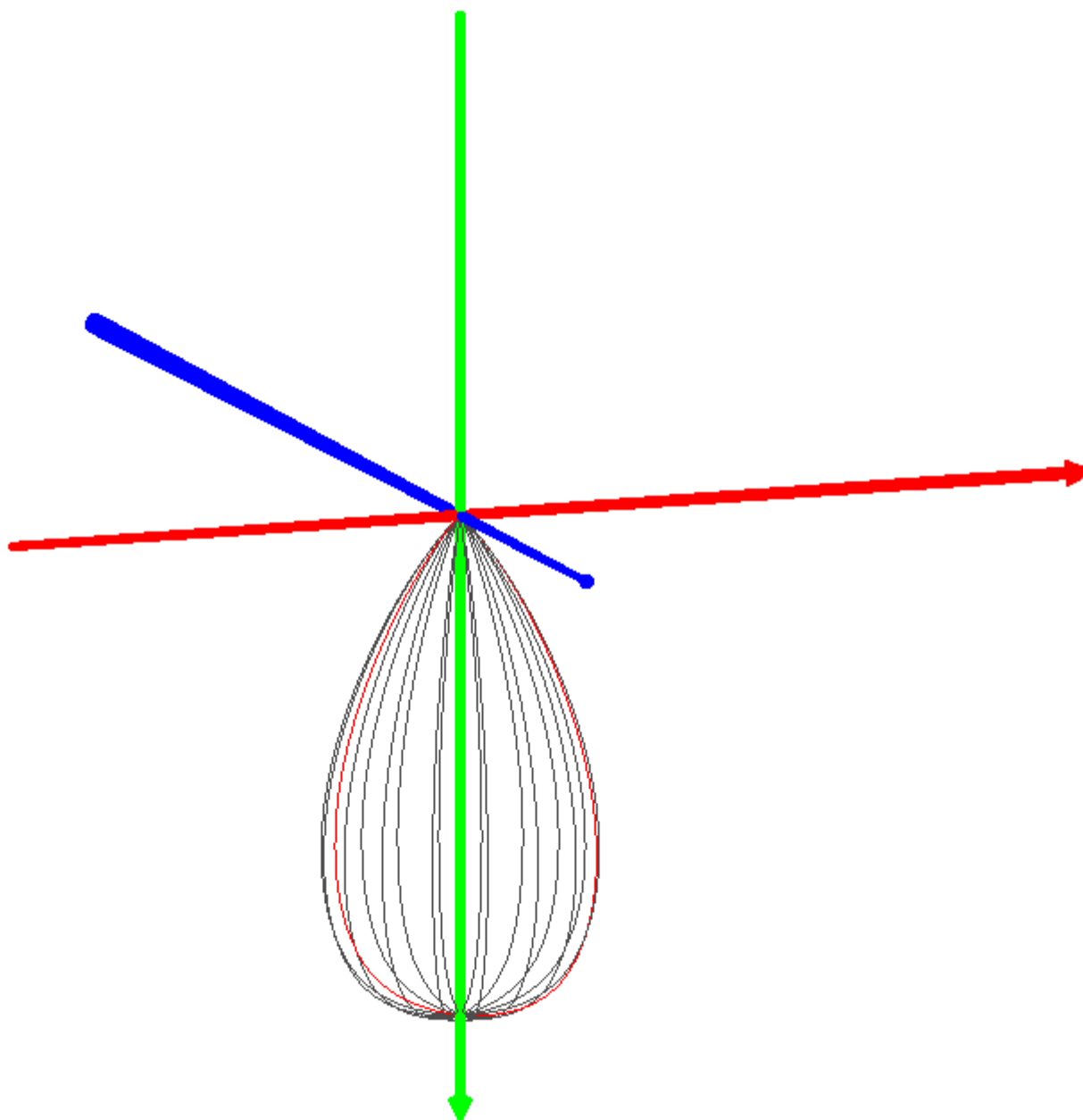
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Legend

- - 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
17	0	0	0
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19	0	0	0
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21	0	0	0
22	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