GL GONIOSPECTROMETER
MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*
Model name: *FILL S 4000K WHITE*
Item No: *AZ3378*
Serial No.:
Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *1*
LuminaireName: *Fill S 4000K*
LuminaireNumber: *AZ3378*
FileName: *AZ3378.ldt*
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

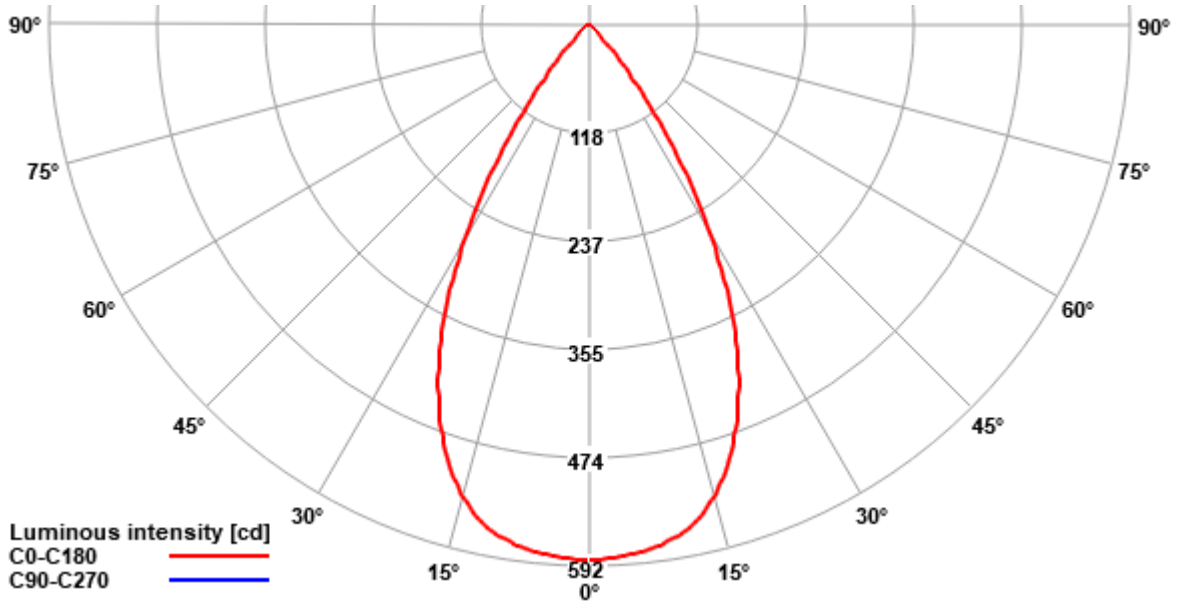
U	*= 229,621 V*
I	*= 0,051 A*
P	*= 6,140 W*
Power factor	*= 0,526*
Power apparent	*= 11,675 VA*
Power Reactive	*= -7,724 var*
Frequency Voltage	*= 50,002 Hz*
THD	*= 0,000 %*

Temperature = 22 C

Goniometric measurement results

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

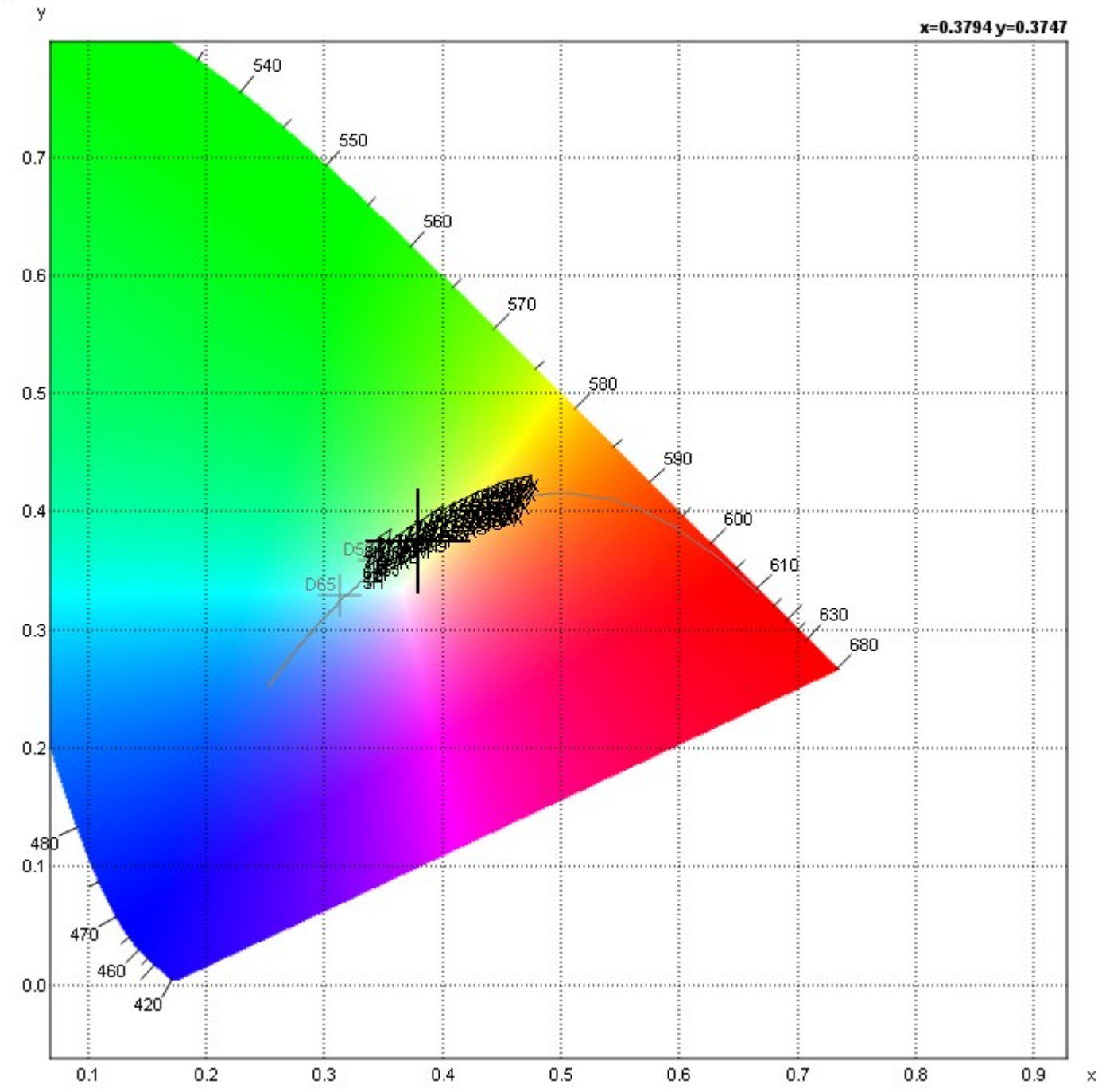
Light intensity distribution diagram



CIE 1931 diagram

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

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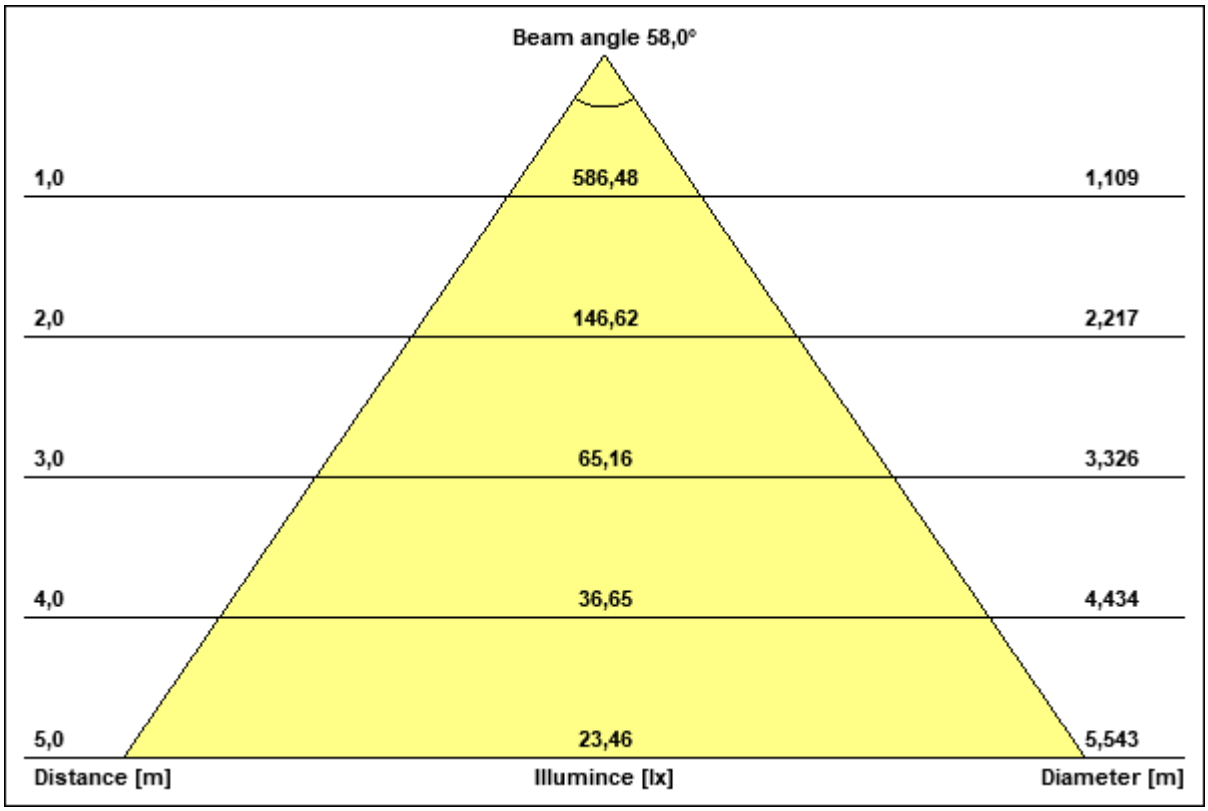


Beam cone

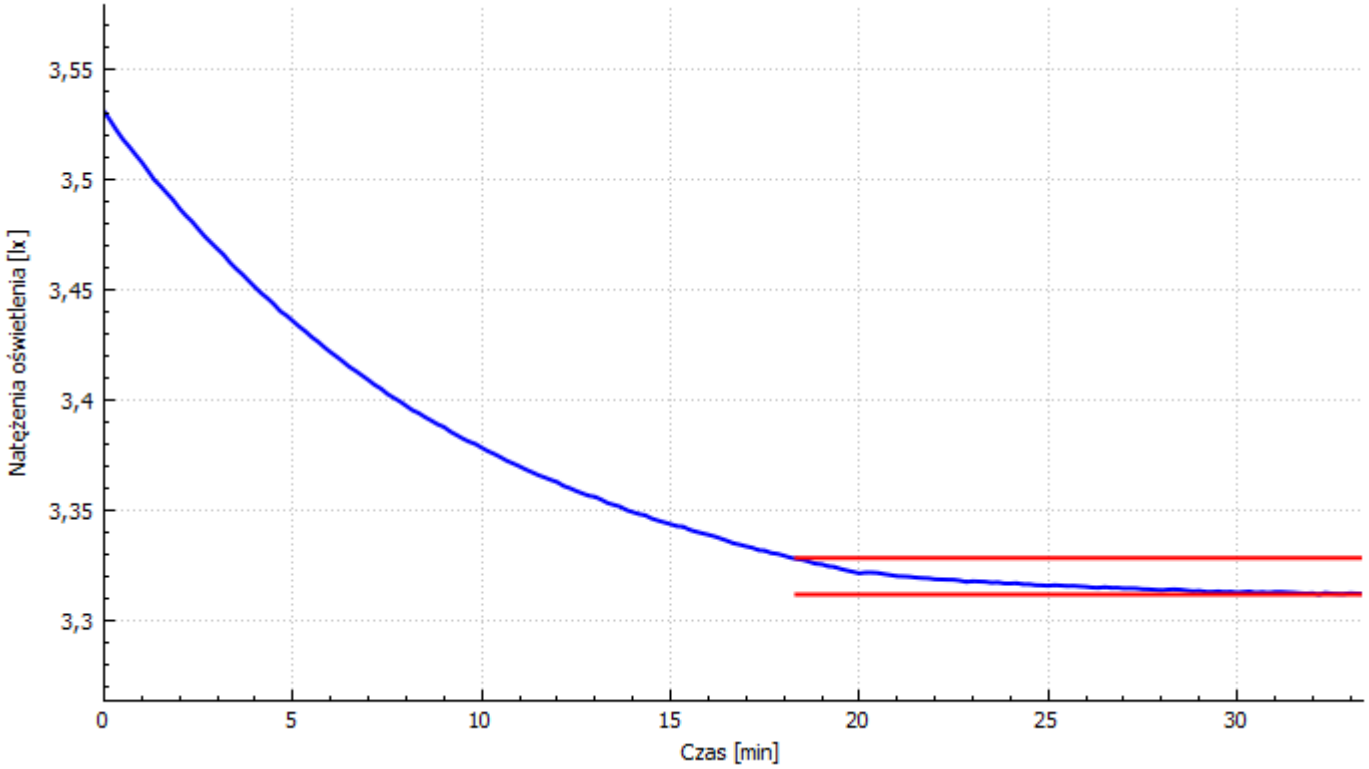
GL Optic R&D Center Sp. z o.o.
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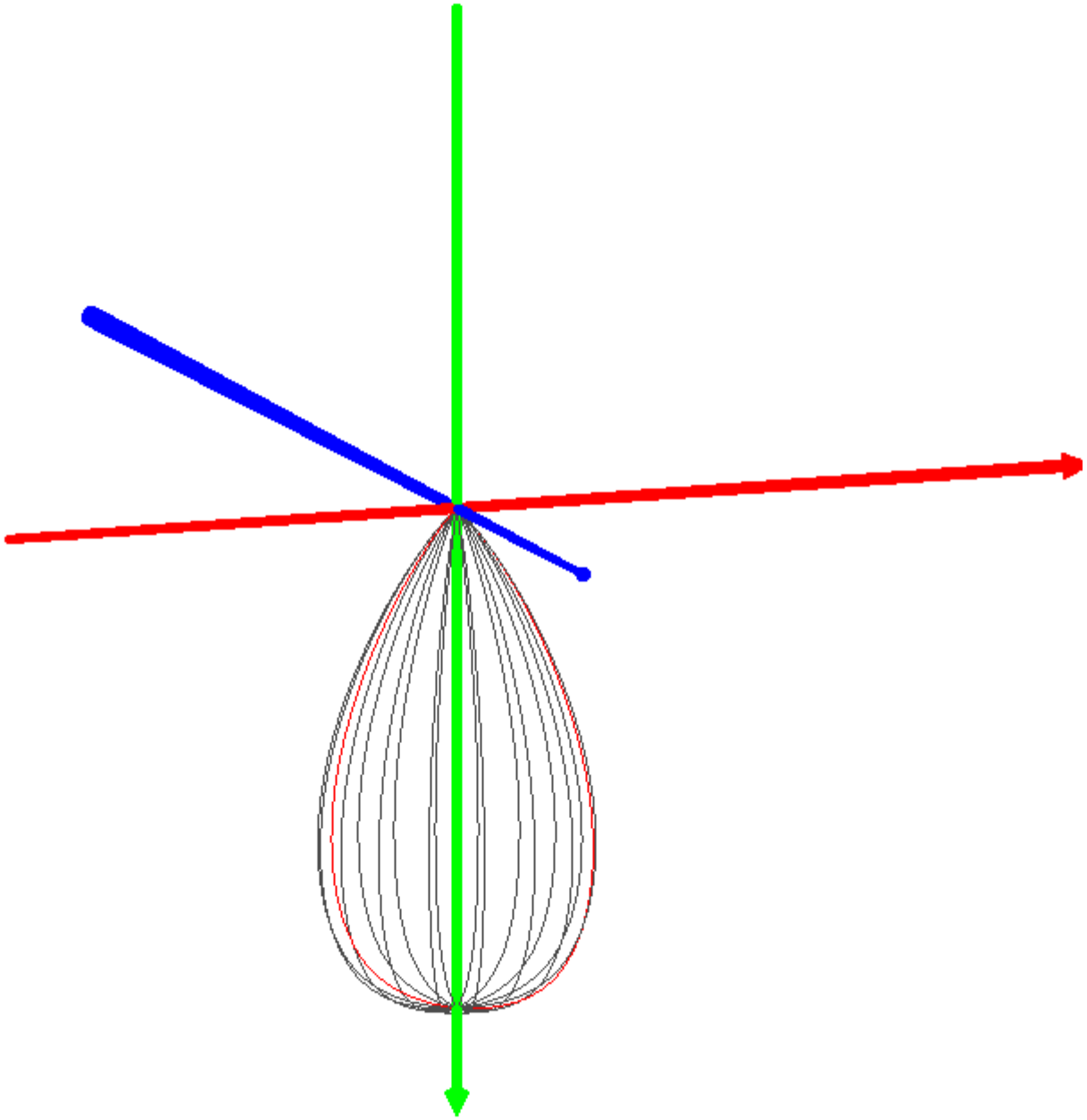
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REGON 360317241
KRS: 0000537079
Kapitał 200.000PLN



Stabilization


3,55
3,5
3,45
3,4
3,35
3,3
Natężenia oświetlenia [lx]
0
5
10
15
20
25
30
Czas [min]

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
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50	0	0	0