GL GONIOSPECTROMETER
MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*
Model name: *Amadeo LED_*
Item No: *AZ2418*
Serial No.:
Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *1*
LuminaireName: *Amadeo_LED_Olny*
LuminaireNumber: *AZ2418*
FileName: *Amadeo_LED_Olny_20220602_1513.ldt*
Date: *2022-06-02*

Dimensions of luminaire

Length: *220* mm
Width: *160* mm
Height: *250* mm

Dimensions of luminous area

Length: *30* mm
Width: *90* 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:	*219,00 lm*
Color temperatur:	*3015.55 K*
Color rendering index:	*83,50*
Wattage including ballast:	*3,28 W*

Utilization factors:

k = 0.60	*0,725*
k = 0.80	*0,768*
k = 1.00	*0,816*
k = 1.25	*0,851*
k = 1.50	*0,878*
k = 2.00	*0,928*
k = 2.50	*0,936*
k = 3.00	*0,949*
k = 4.00	*0,969*
k = 5.00	*0,982*

Electrical parameters

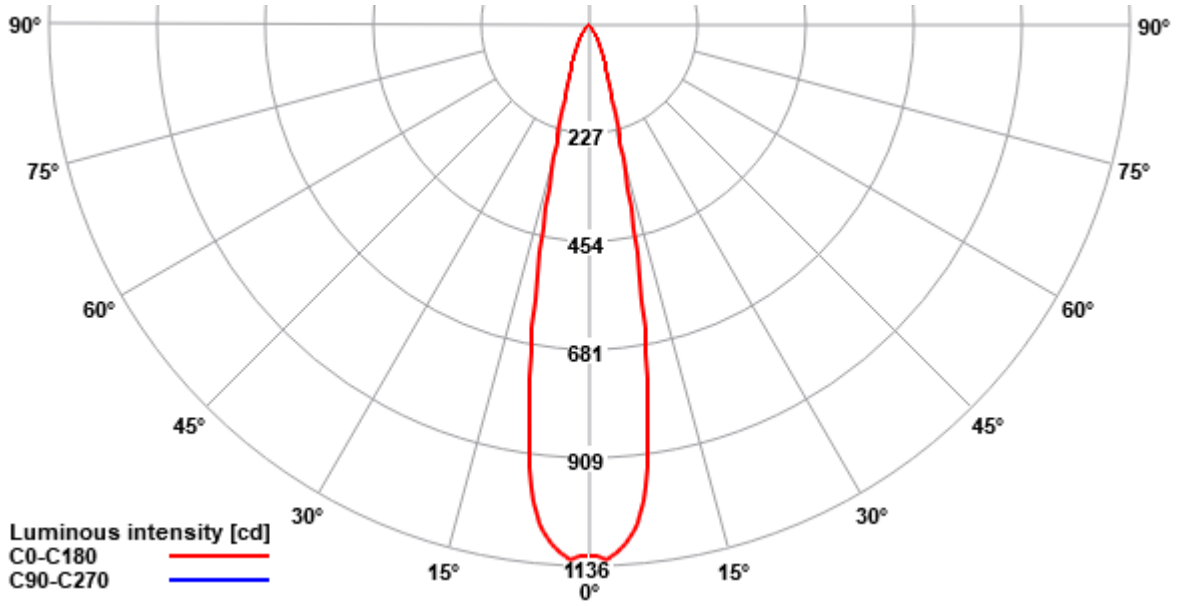
U	*= 229,635 V*
I	*= 0,033 A*
P	*= 3,279 W*
Power factor	*= 0,436*
Power apparent	*= 7,515 VA*
Power Reactive	*= -3,761 var*
Frequency Voltage	*= 50,002 Hz*
THD	*= 0,000 %*

Temperature = 22 C

Goniometric measurement results

Total flux (utilized luminarie flux)	*219,00 lm*
Flux in lower hemisphere	*100,00 %*
Flux in upper hemisphere	*-0,00 %*
Maximium luminous intensity	*1124,51 cd*
Light output ratio (LOR)	*100,00 %*
Luminous efficacy	*66,77 lm/W*

Light intensity distribution diagram



CIE 1931 diagram

x	0,4345
y	0,4009
Angular Colour Uniformity	0,0094

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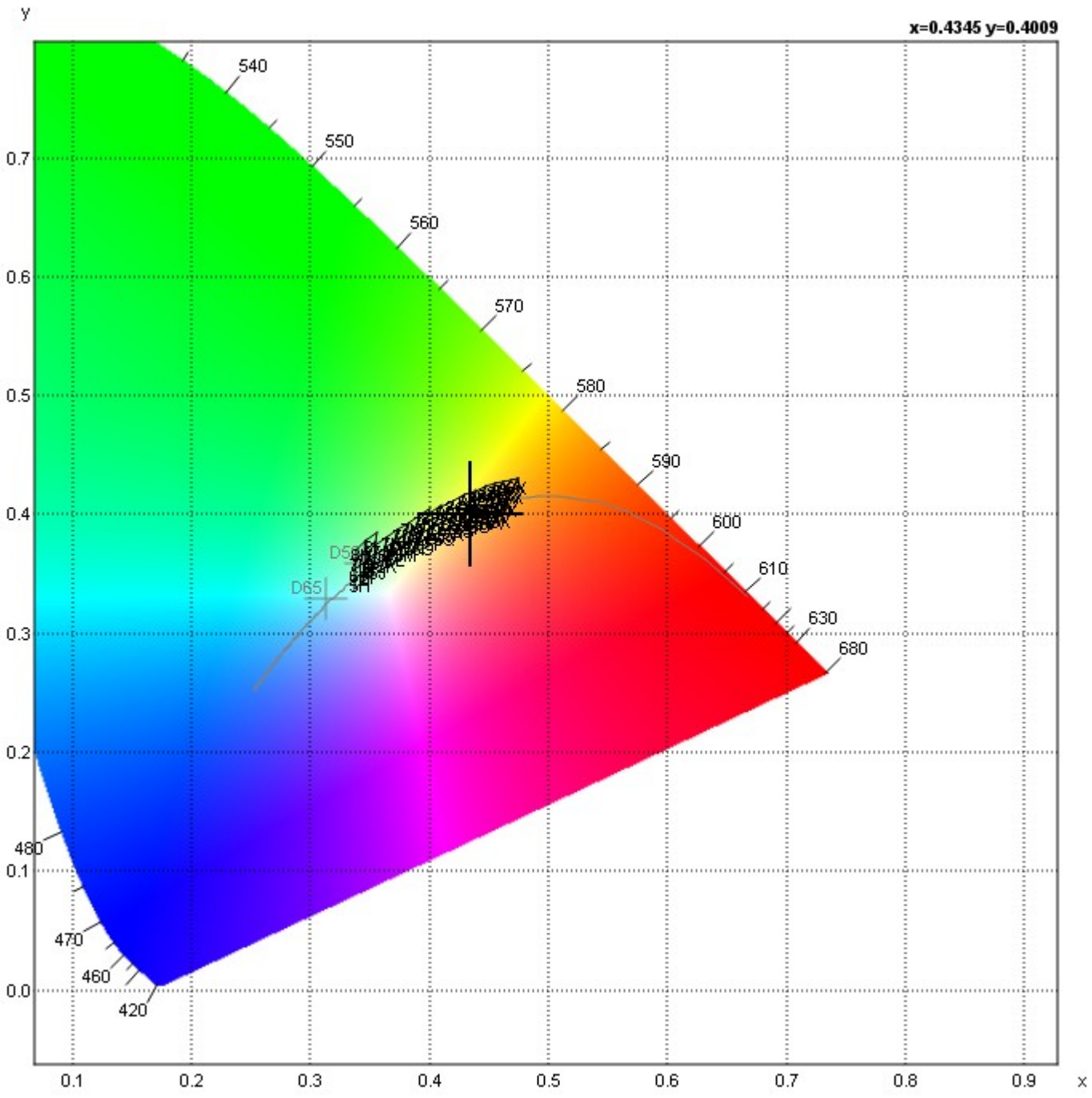

Beam cone

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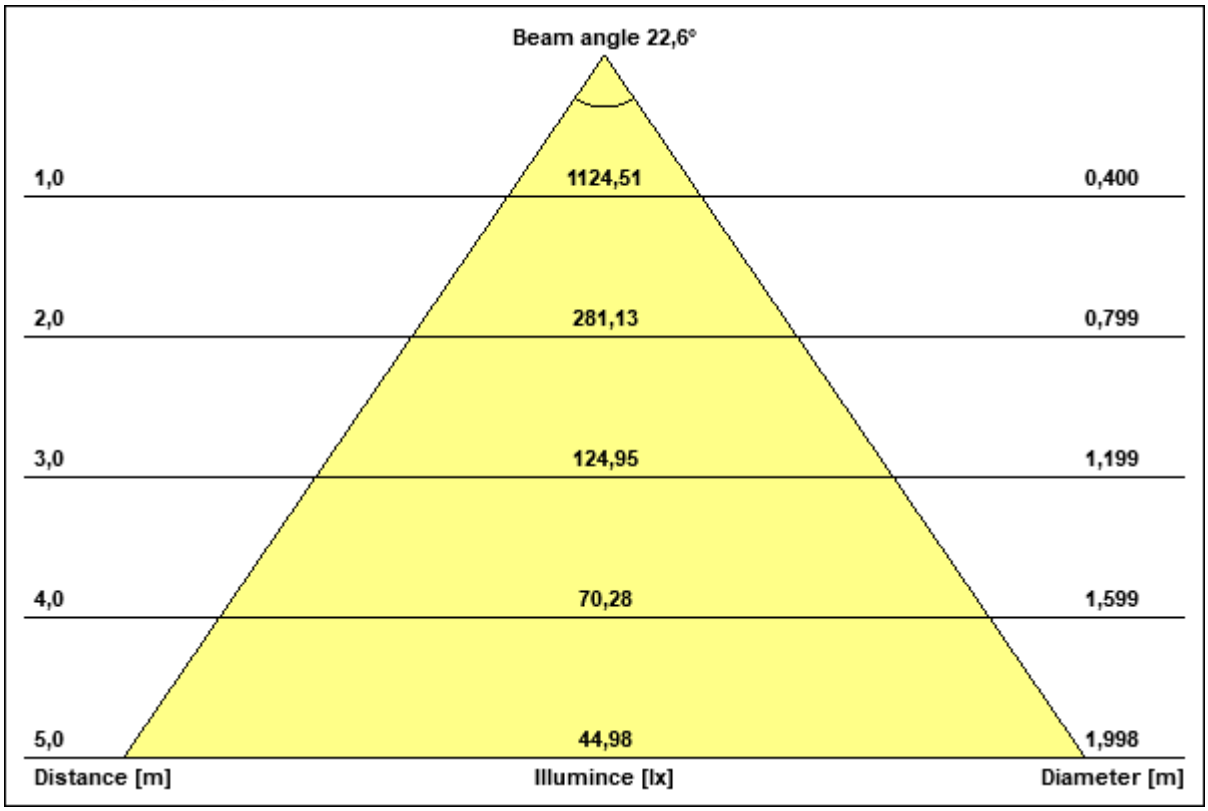
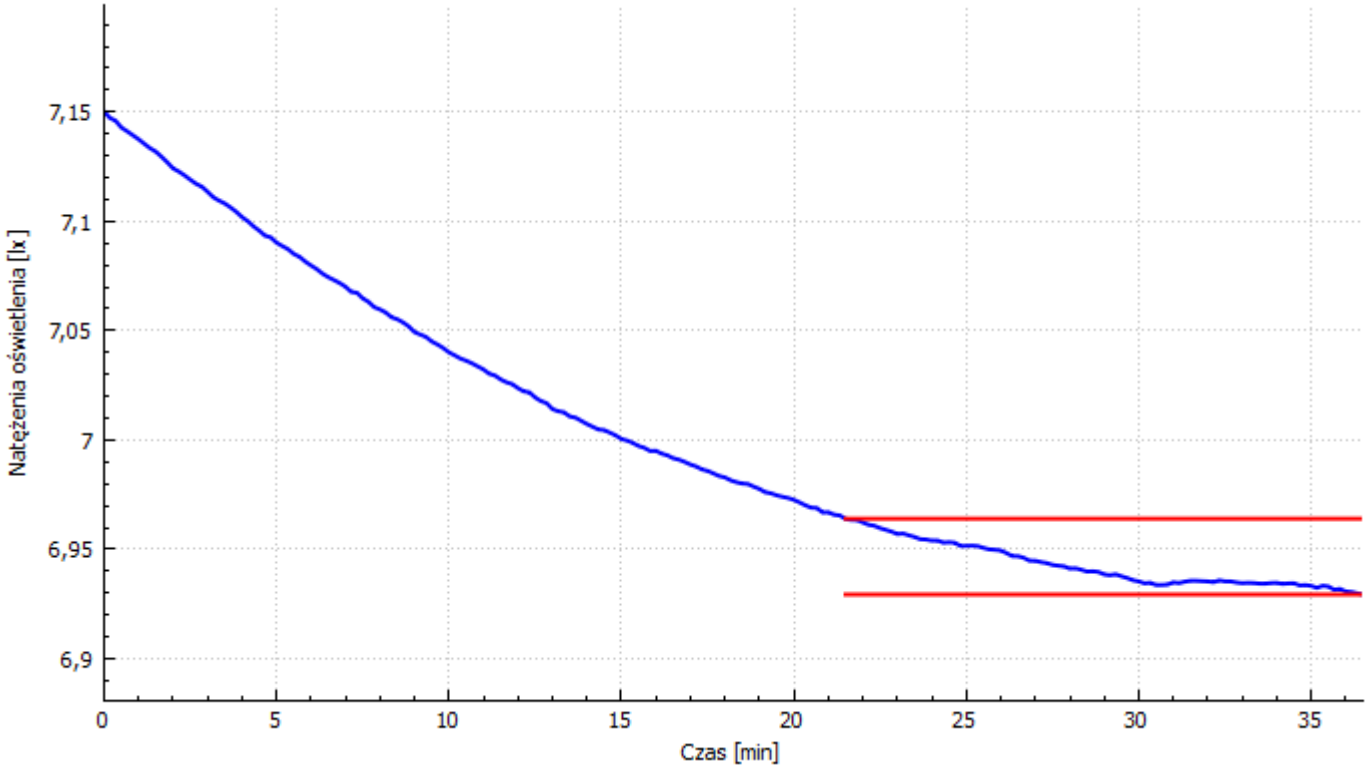
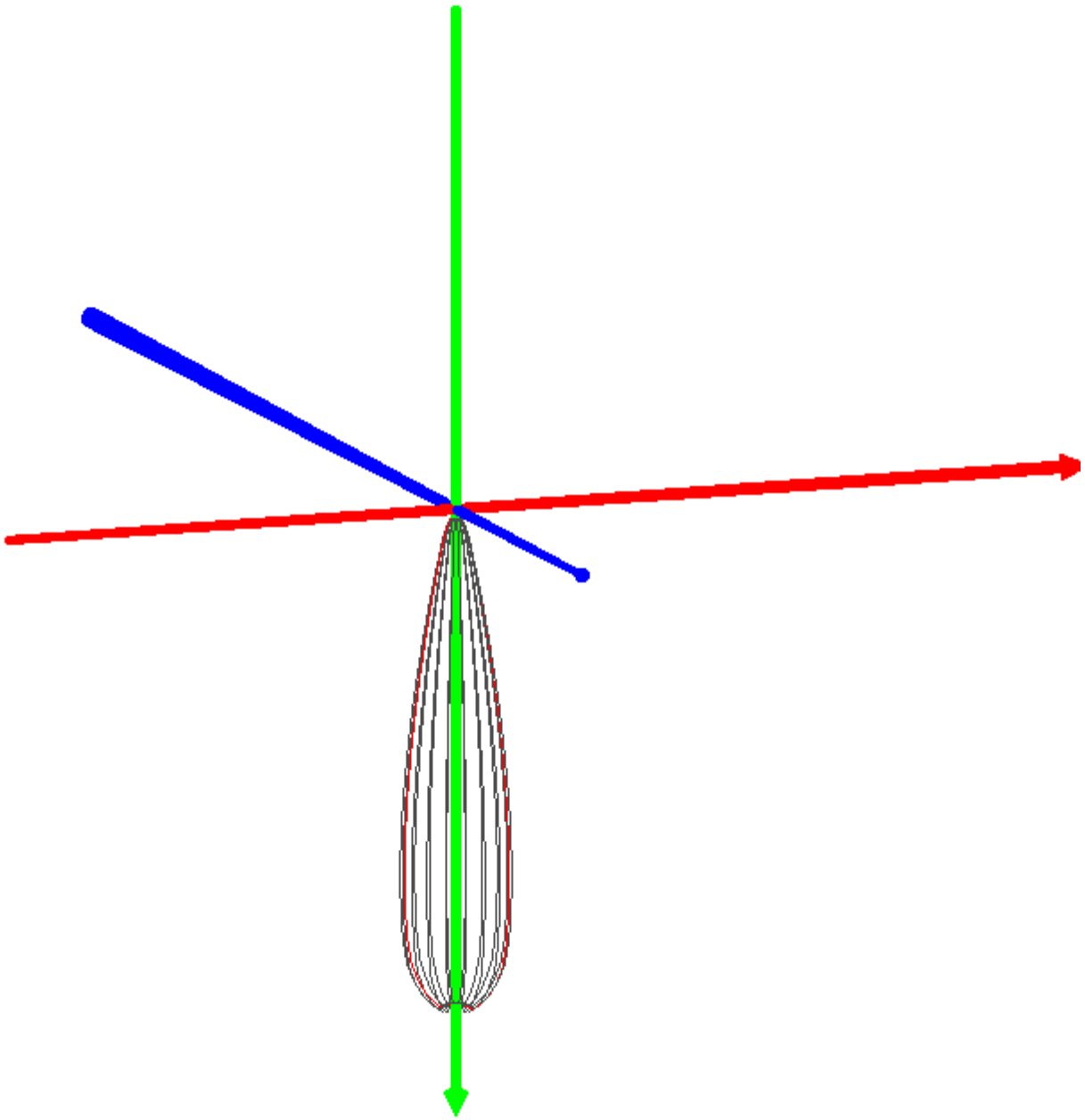
REGON 360317241
KRS: 0000537079
Kapitał 200.000PLN



Stabilization


7,15
7,1
7,05
7
6,95
6,9
Natężenia oświetlenia [lx]
0
5
10
15
20
25
30
35
Czas [min]

3D Chart



Legend

- C0-C180
- C90-C270
- G0-G180

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

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