GL GONIOSPECTROMETER
MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Elin 7W 3000K*
Item No: *AZ4630*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4630*
LuminaireName: *Elin 7W 3000K*
LuminaireNumber: *AZ4630*
FileName: *AZ4630.ldt*
Date: *2022-08-25*

Dimensions of luminaire

Length: *110* mm
Width: *0* mm
Height: *110* mm

Dimensions of luminous area

Length: *110* 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:	*636,96 lm*
Color temperatur:	*3103 K*
Color rendering index:	*83,13*
Wattage including ballast:	*8,41 W*

Utilization factors:

k = 0.60	*0,405*
k = 0.80	*0,473*
k = 1.00	*0,536*
k = 1.25	*0,594*
k = 1.50	*0,640*
k = 2.00	*0,713*
k = 2.50	*0,748*
k = 3.00	*0,778*
k = 4.00	*0,821*
k = 5.00	*0,849*

Electrical parameters

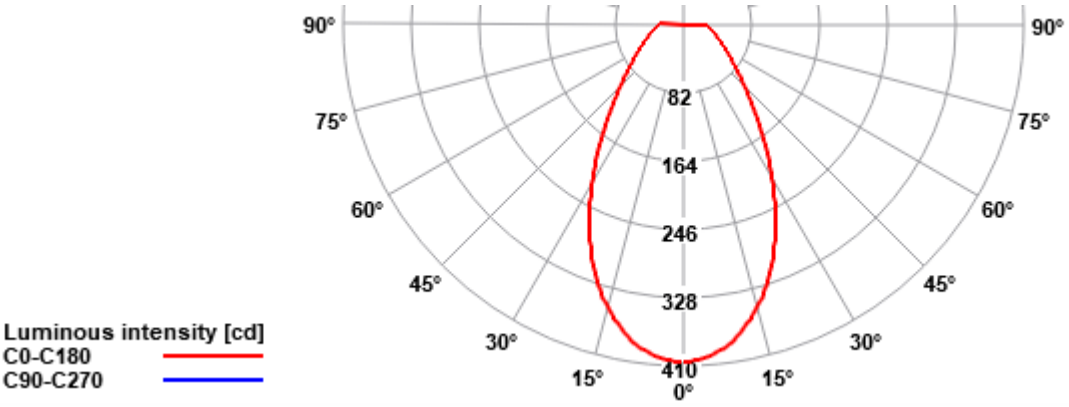
U	*= 229,698 V*
I	*= 0,119 A*
P	*= 8,410 W*
Power factor	*= 0,307*
Power apparent	*= 27,371 VA*
Power Reactive	*= 0,000 var*
Frequency Voltage	*= 50,002 Hz*
THD	*= 0,000 %*

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	*636,96 lm*
Flux in lower hemisphere	*100,00 %*
Flux in upper hemisphere	*-0,00 %*
Maximium luminous intensity	*406,27 cd*
Light output ratio (LOR)	*100,00 %*
Luminous efficacy	*75,74 lm/W*

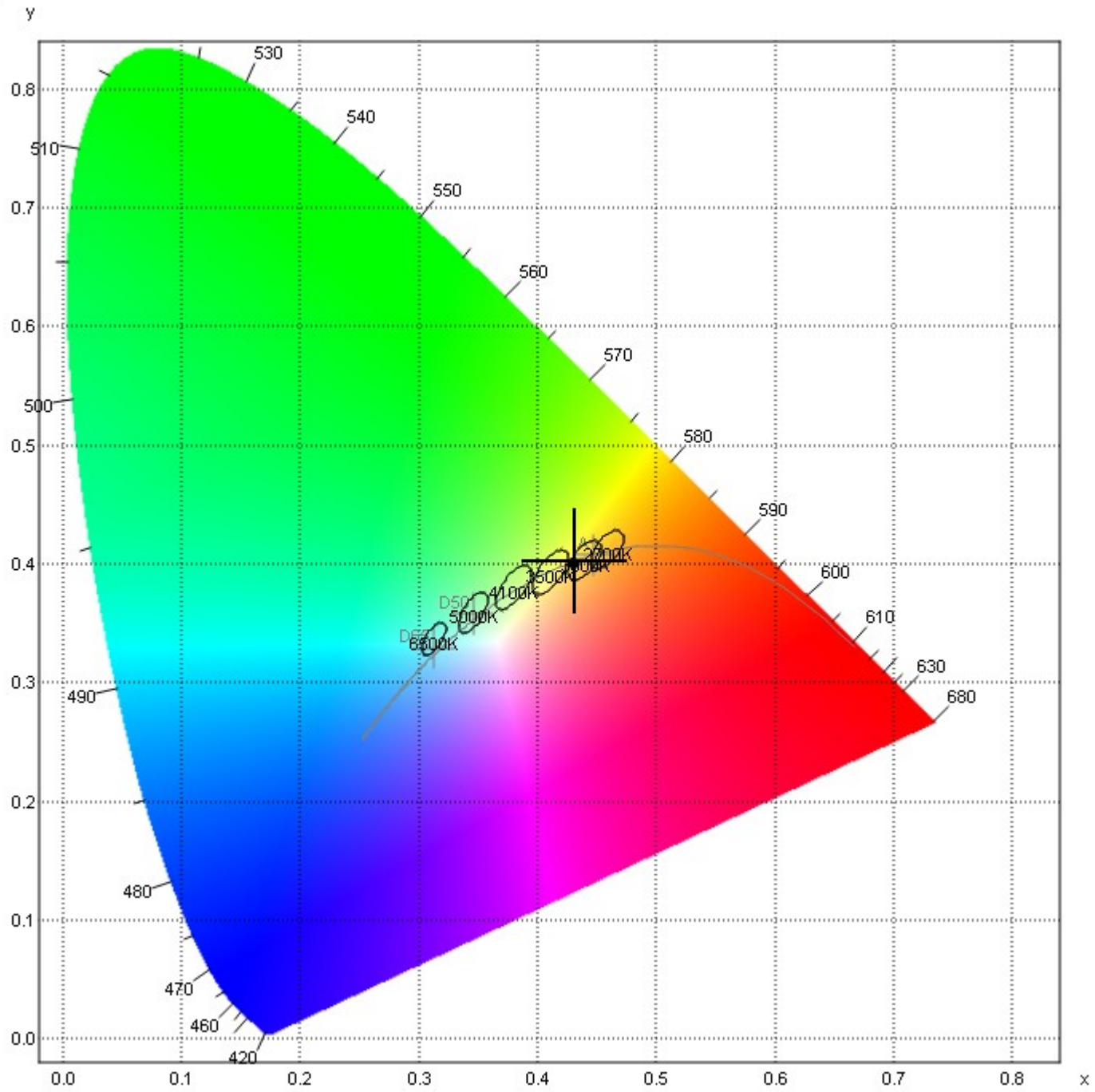
Light intensity distribution diagram



CIE 1931 diagram

x	0,4303
y	0,4026
Angular Colour Uniformity	0,0037

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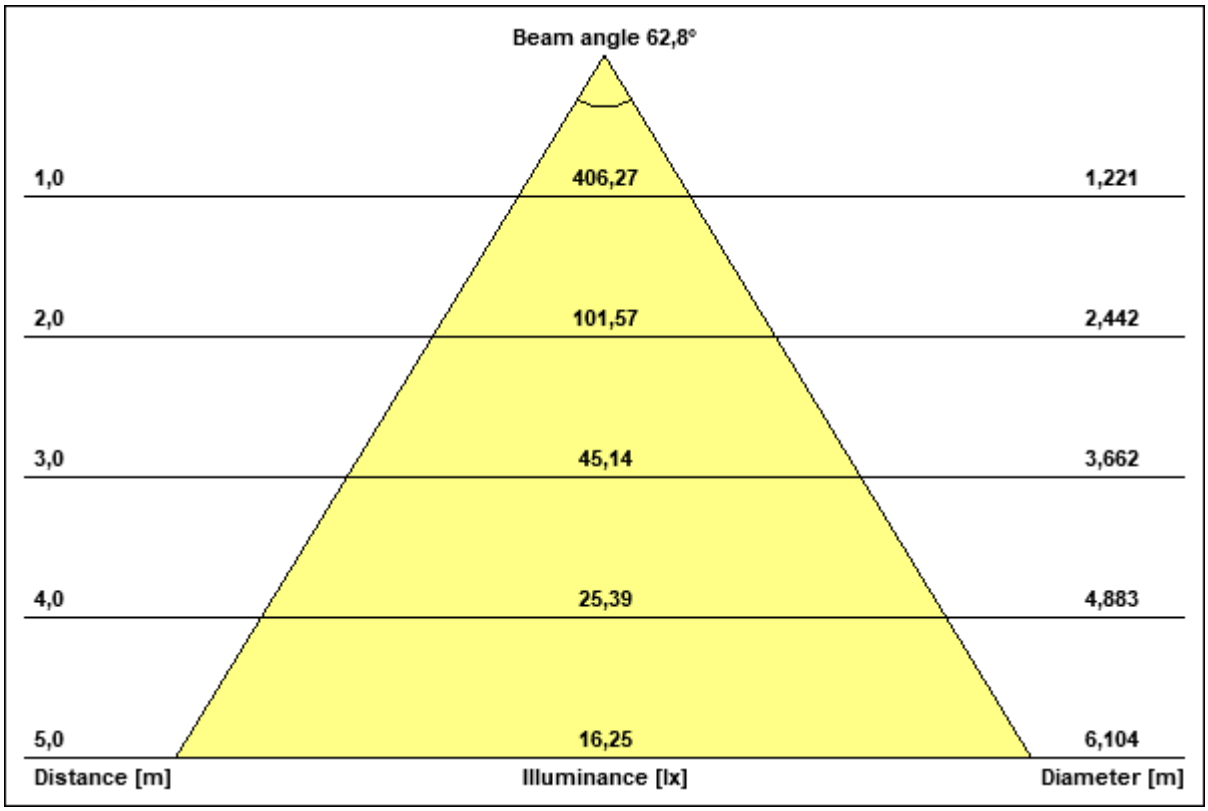


Beam cone

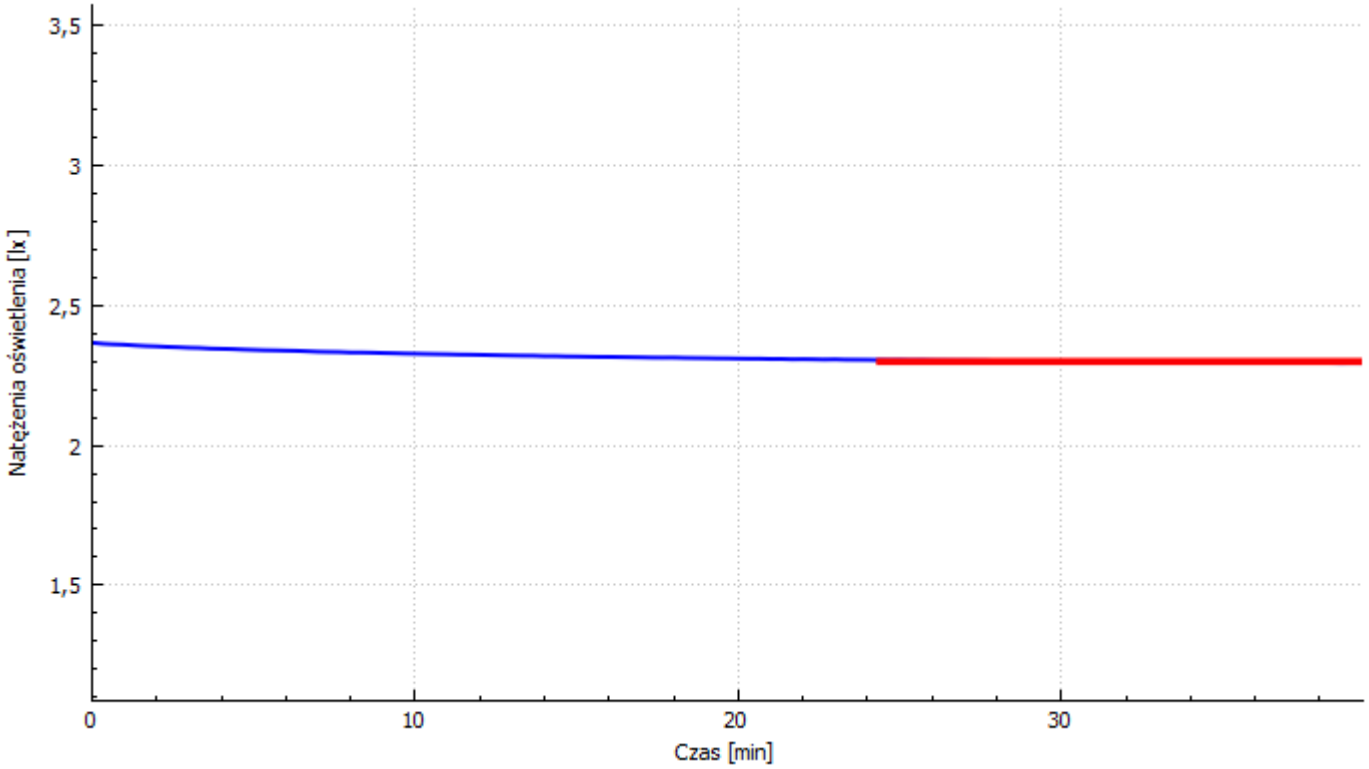
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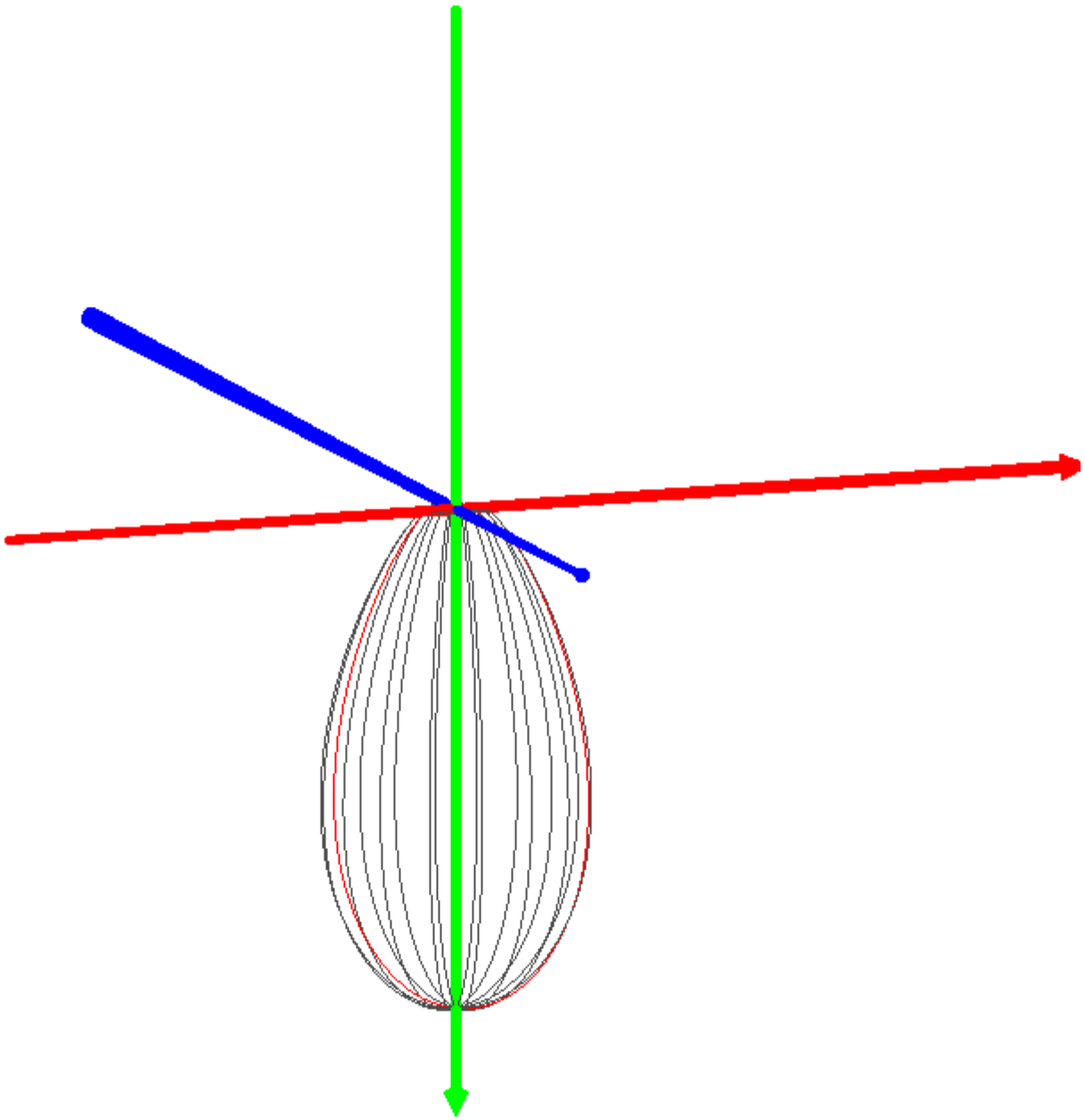
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Stabilization



3D Chart



Legend

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

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Extended electrical report

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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
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