GL GONIOSPECTROMETER
MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Elin 7W 4000K*
Item No: *AZ4631*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4631*
LuminaireName: *Elin 7W 4000K*
LuminaireNumber: *AZ4631*
FileName: *AZ4631.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:	*709,54 lm*
Color temperatur:	*4037 K*
Color rendering index:	*83,36*
Wattage including ballast:	*8,36 W*

Utilization factors:

k = 0.60	*0,469*
k = 0.80	*0,534*
k = 1.00	*0,596*
k = 1.25	*0,651*
k = 1.50	*0,693*
k = 2.00	*0,761*
k = 2.50	*0,791*
k = 3.00	*0,817*
k = 4.00	*0,854*
k = 5.00	*0,879*

Electrical parameters

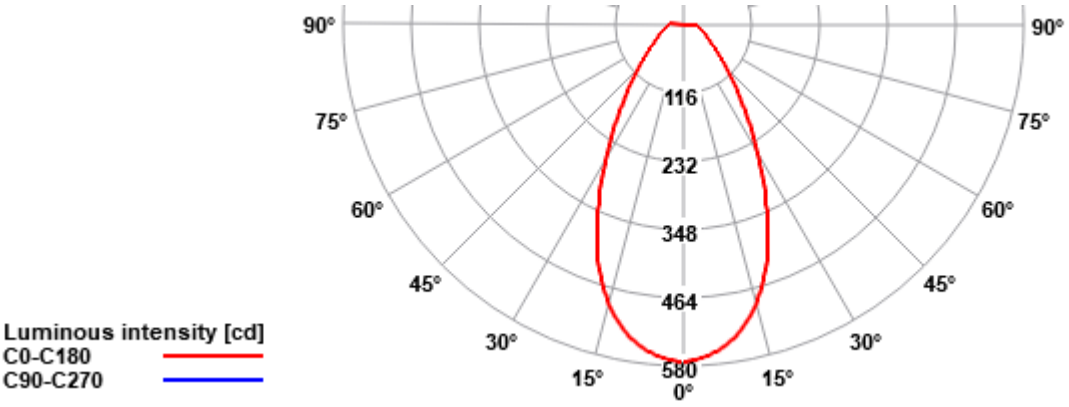
U	*= 229,693 V*
I	*= 0,119 A*
P	*= 8,356 W*
Power factor	*= 0,306*
Power apparent	*= 27,303 VA*
Power Reactive	*= -25,978 var*
Frequency Voltage	*= 50,002 Hz*
THD	*= 0,000 %*

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	*709,54 lm*
Flux in lower hemisphere	*100,00 %*
Flux in upper hemisphere	*-0,00 %*
Maximium luminous intensity	*573,90 cd*
Light output ratio (LOR)	*100,00 %*
Luminous efficacy	*84,87 lm/W*

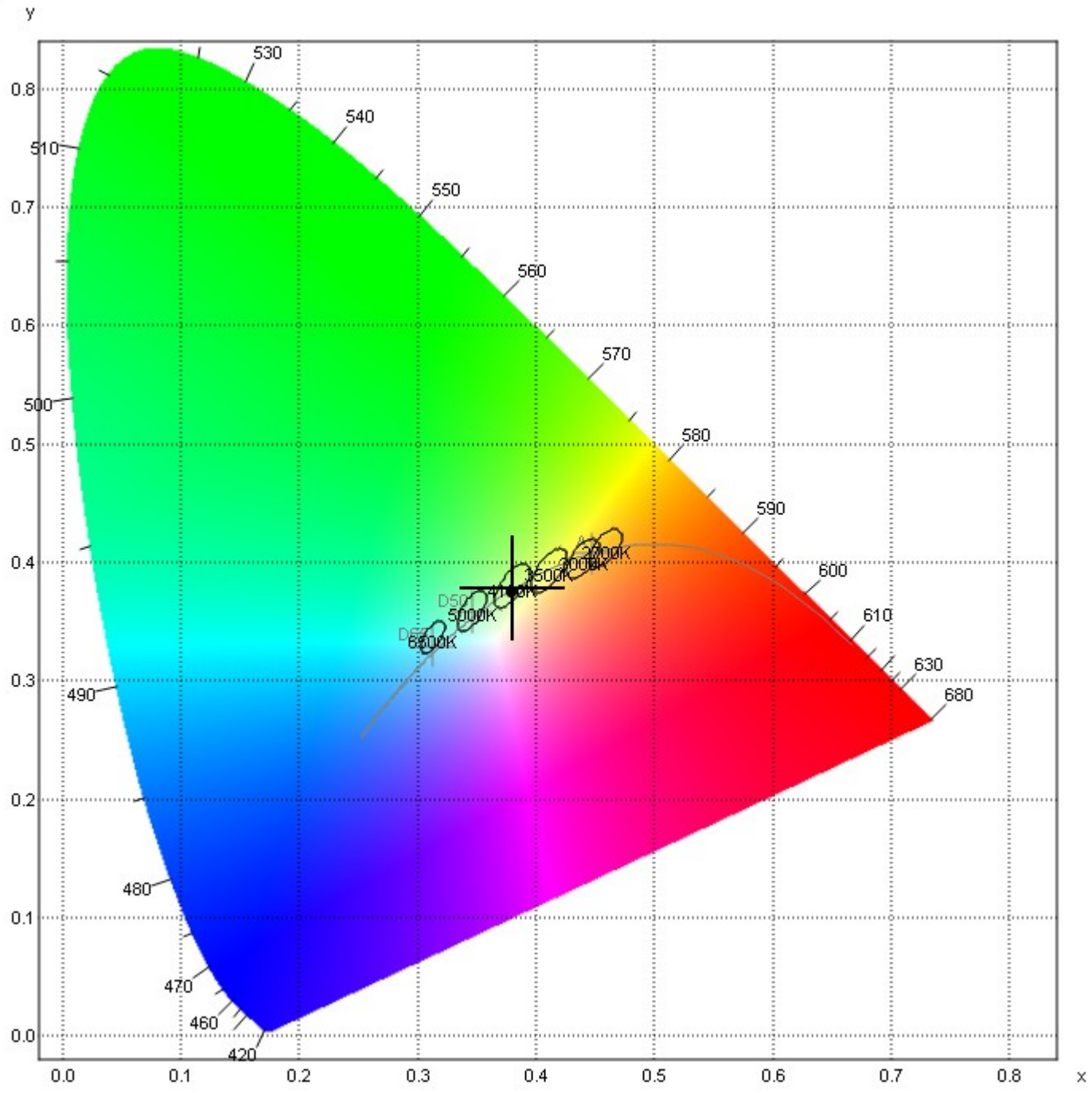
Light intensity distribution diagram



CIE 1931 diagram

x	0,3794
y	0,3778
Angular Colour Uniformity	0,0030

.

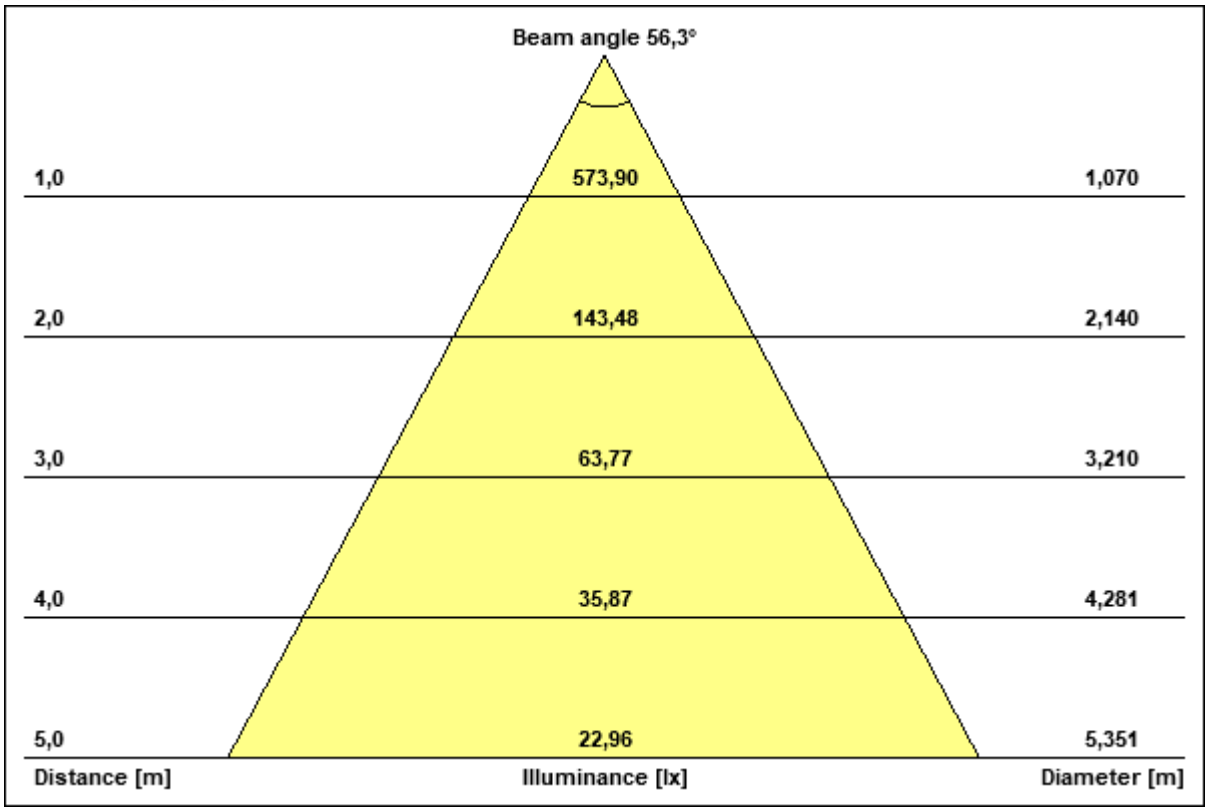


Beam cone

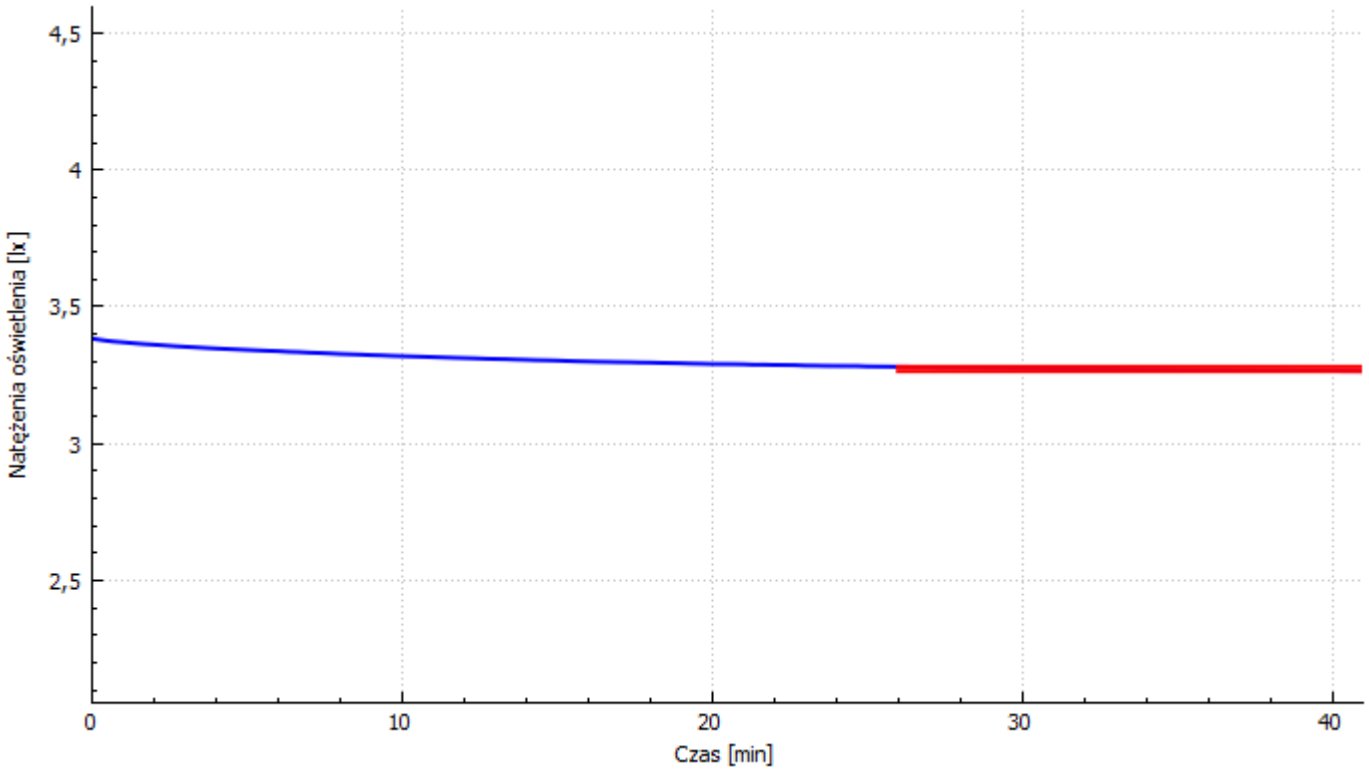
GL Optic R&D Center Sp. z o.o.
ul. Poznańska 70
PL-62-040 Puszczykowo; Poland
Tel.: +48 61 819 40 03

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

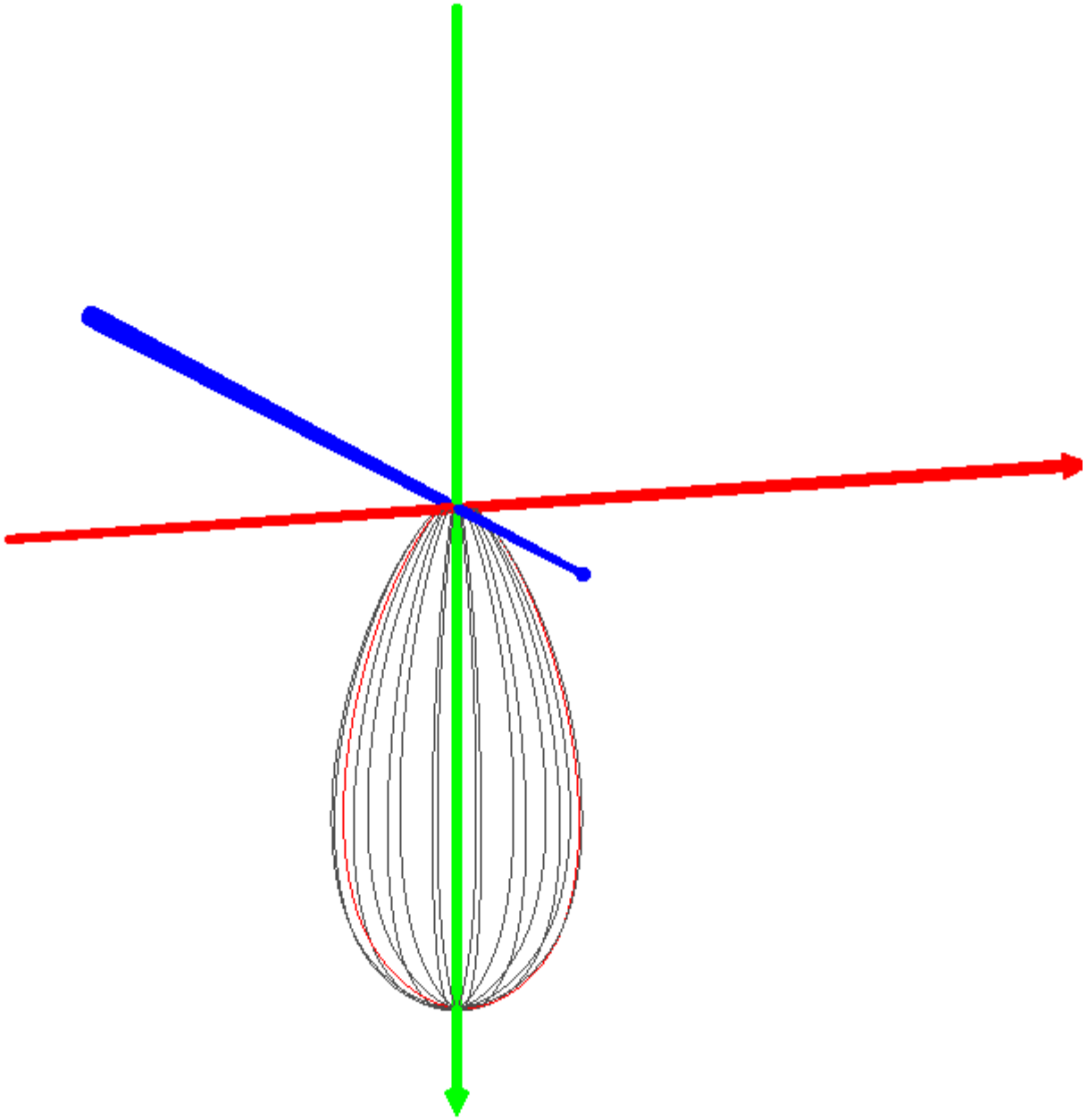
NIP: 783-171-97-20
REGON 360317241
KRS: 0000537079
Kapitał 200.000PLN



Stabilization



3D Chart



Legend

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

GL Optic R&D Center Sp. z o.o.
ul. Poznańska 70
PL-62-040 Puszczykowo; Poland
Tel.: +48 61 819 40 03

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 200.000PLN

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