GL GONIOSPECTROMETER
MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *FANO R*
Item No: *AZ2187*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ2187*
LuminaireName: *FANO R*
LuminaireNumber: *AZ2187*
FileName: *AZ2187.ldt*
Date: *2022-08-08*

Dimensions of luminaire

Length: *220* mm
Width: *0* mm
Height: *80* mm

Dimensions of luminous area

Length: *175* 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:	*466,62 lm*
Color temperatur:	*3077 K*
Color rendering index:	*83,11*
Wattage including ballast:	*8,97 W*

Utilization factors:

k = 0.60	*0,297*
k = 0.80	*0,379*
k = 1.00	*0,452*
k = 1.25	*0,524*
k = 1.50	*0,579*
k = 2.00	*0,666*
k = 2.50	*0,714*
k = 3.00	*0,752*
k = 4.00	*0,804*
k = 5.00	*0,837*

Electrical parameters

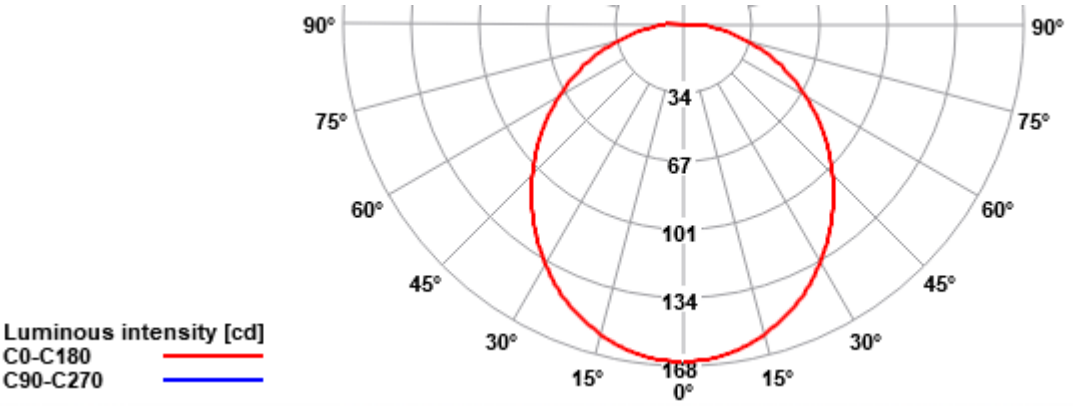
U	*= 229,699 V*
I	*= 0,101 A*
P	*= 8,967 W*
Power factor	*= 0,387*
Power apparent	*= 23,201 VA*
Power Reactive	*= -11,886 var*
Frequency Voltage	*= 50,002 Hz*
THD	*= 0,000 %*

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	*466,62 lm*
Flux in lower hemisphere	*100,00 %*
Flux in upper hemisphere	*-0,00 %*
Maximium luminous intensity	*166,12 cd*
Light output ratio (LOR)	*100,00 %*
Luminous efficacy	*52,02 lm/W*

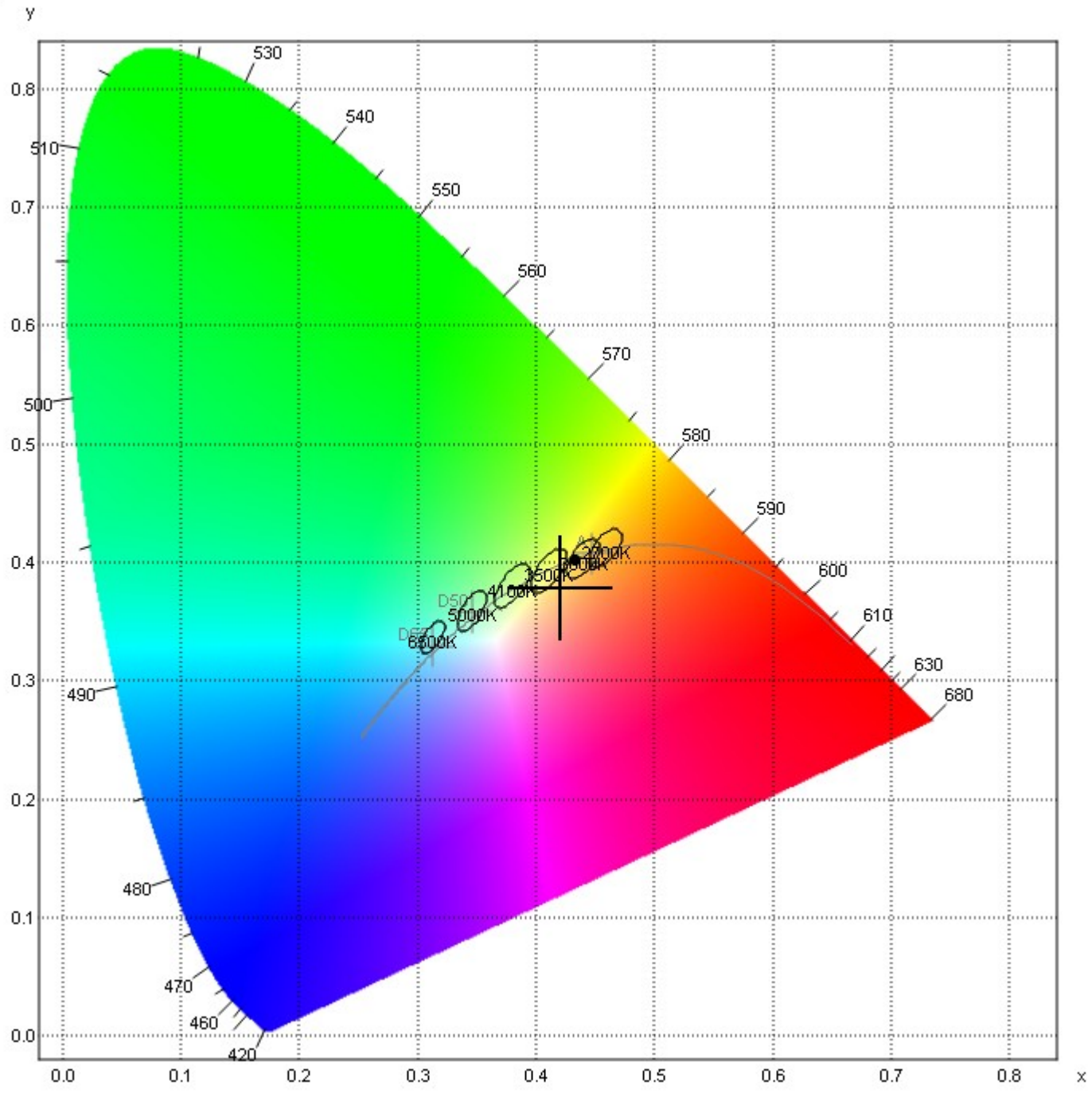
Light intensity distribution diagram



CIE 1931 diagram

x	0,4203
y	0,3780
Angular Colour Uniformity	0,0013

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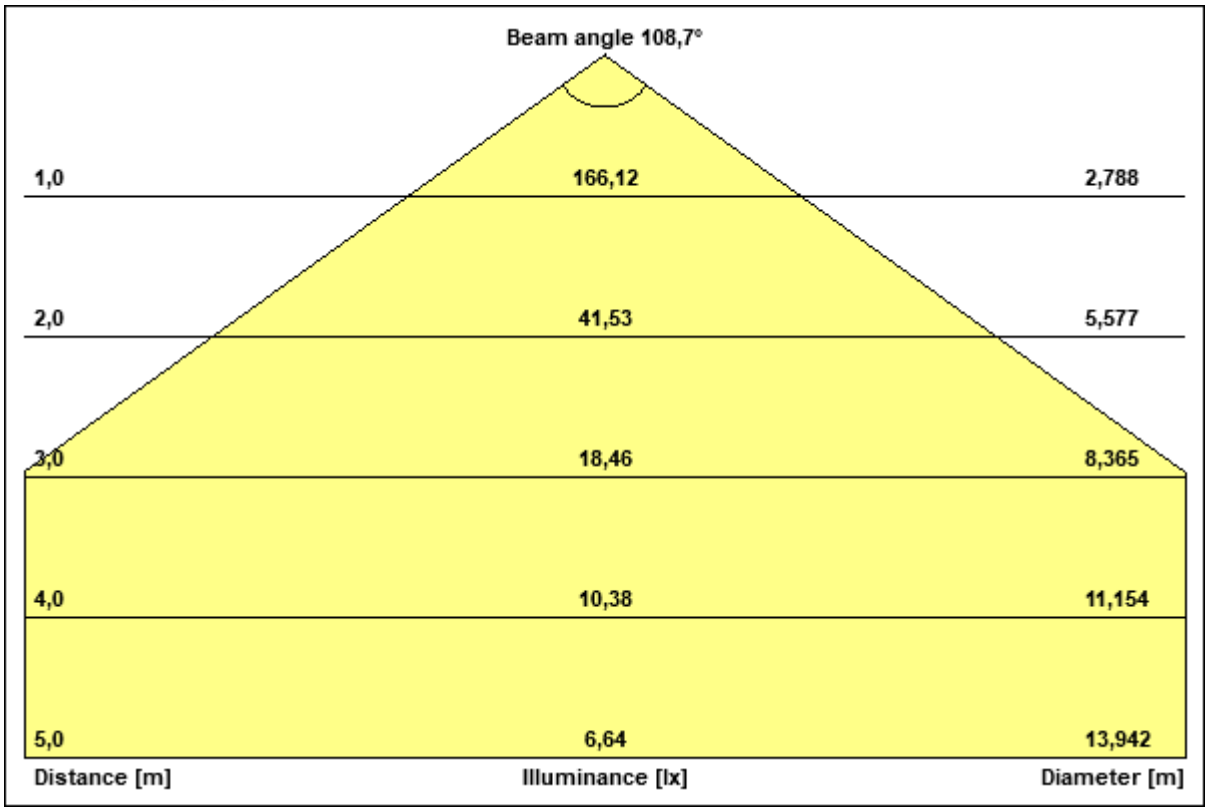


Beam cone

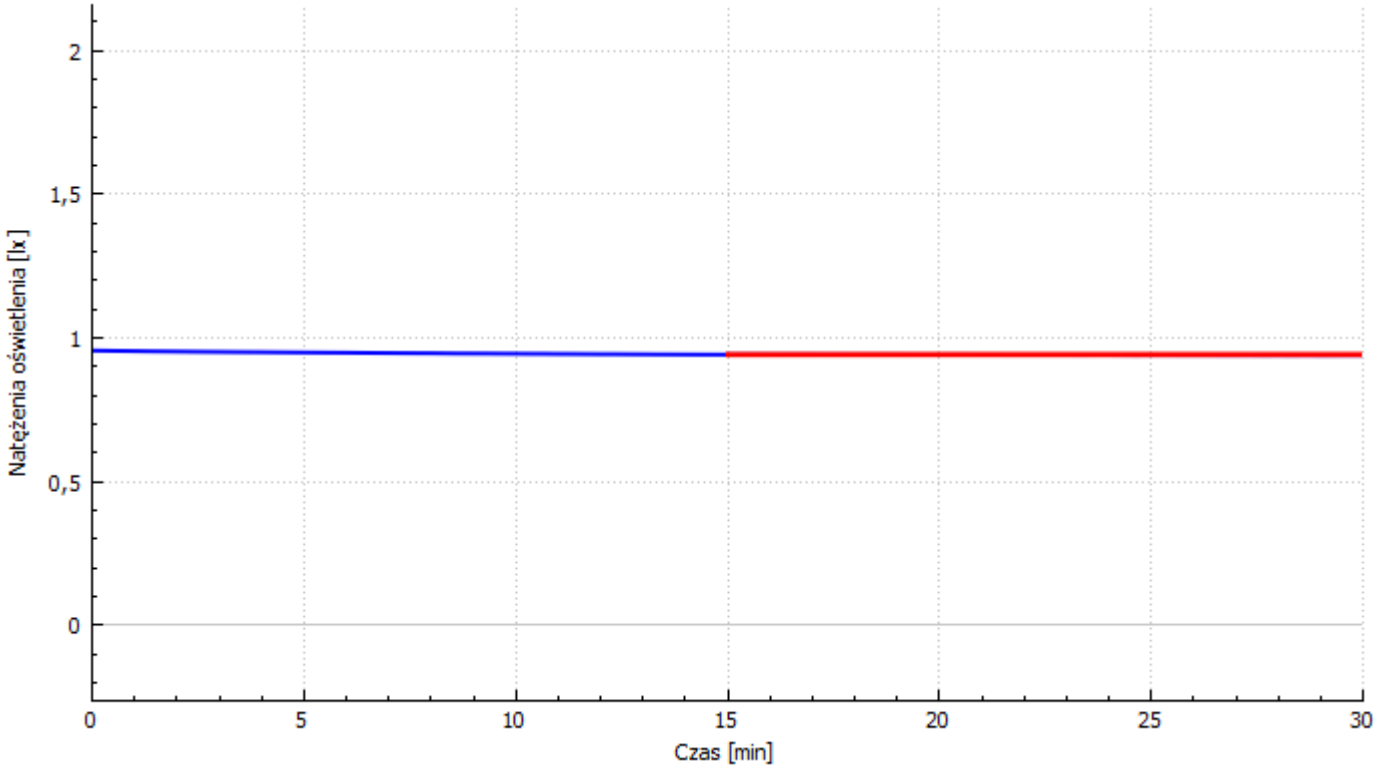
GL Optic R&D Center Sp. z o.o.
ul. Poznańska 70
PL-62-040 Puszczykowo; Poland
Tel.: +48 61 819 40 03

Raiffeisen Bank Polska S.A.
PLN: IBAN 78 1750 0012 0000 0000 2709 9432
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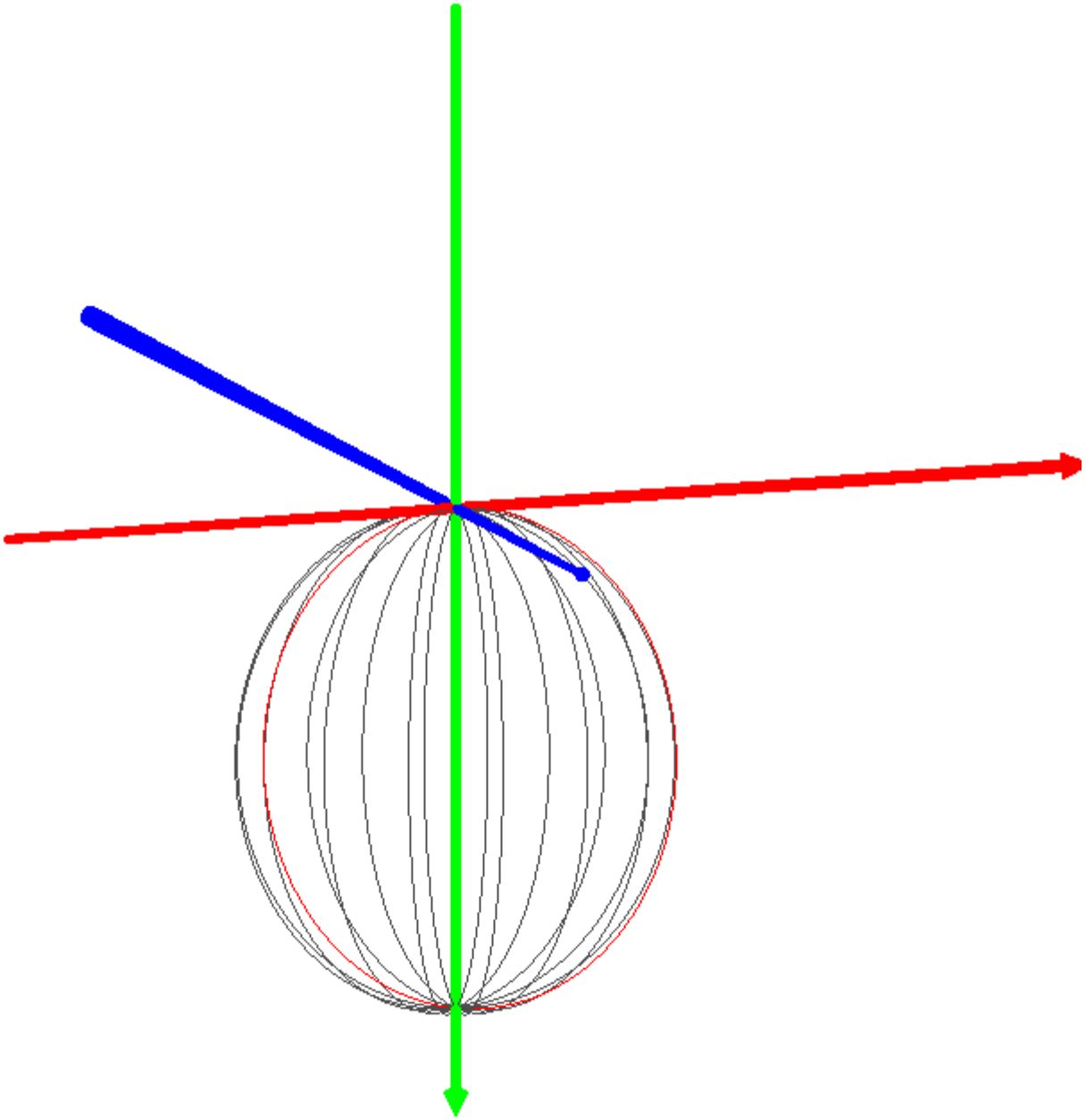
NIP: 783-171-97-20
REGON 360317241
KRS: 0000537079
Kapitał 200.000PLN



Stabilization



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