GL GONIOSPECTROMETER
MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*
Model name: *THIN SQUARE WH*
Item No: *AZ3429*
Serial No.:
Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *1*
LuminaireName: *Thin_Square*
LuminaireNumber: *AZ3429*
FileName: *AZ3429.ldt*
Date: *2021-01-25*

Dimensions of luminaire

Length: *616* mm
Width: *616* mm
Height: *38* mm

Dimensions of luminous area

Length: *585* mm
Width: *585* 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:	*4299,33 lm*
Color temperatur:	*2854.22 K*
Color rendering index:	*81,77*
Wattage including ballast:	*47,54 W*

Utilization factors:

k = 0.60	*0,297*
k = 0.80	*0,381*
k = 1.00	*0,456*
k = 1.25	*0,530*
k = 1.50	*0,587*
k = 2.00	*0,675*
k = 2.50	*0,724*
k = 3.00	*0,762*
k = 4.00	*0,814*
k = 5.00	*0,846*

Electrical parameters

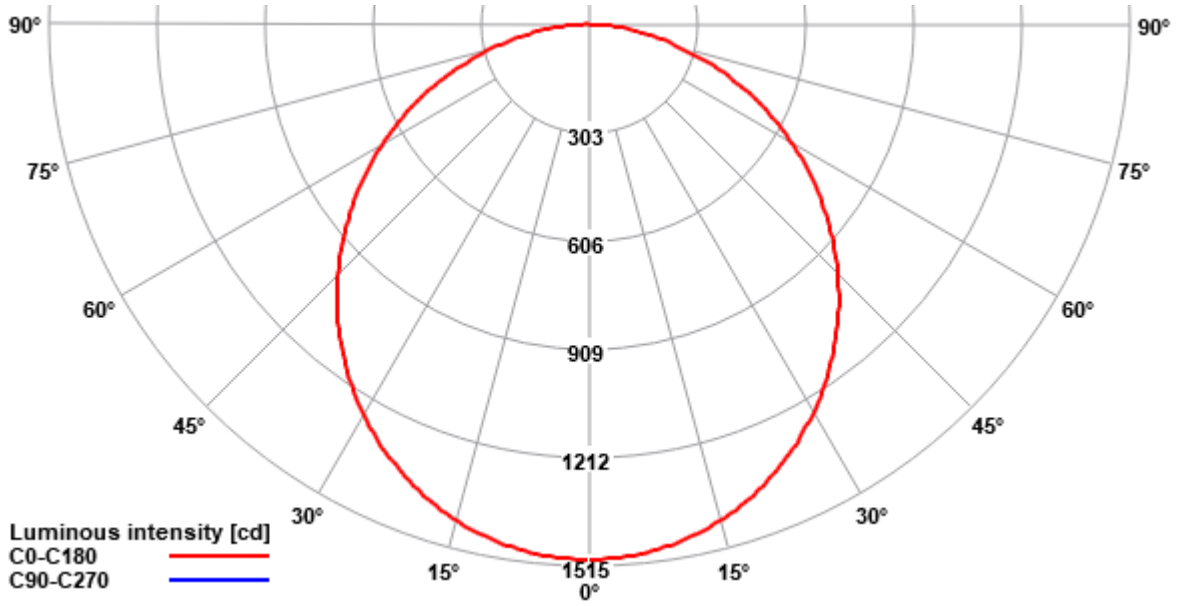
U	*= 229,586 V*
I	*= 0,214 A*
P	*= 47,542 W*
Power factor	*= 0,969*
Power apparent	*= 49,041 VA*
Power Reactive	*= -12,013 var*
Frequency Voltage	*= 50,002 Hz*
THD	*= 0,000 %*

Temperature = 22 C

Goniometric measurement results

Total flux (utilized luminarie flux)	*4299,33 lm*
Flux in lower hemisphere	*100,00 %*
Flux in upper hemisphere	*0,00 %*
Maximium luminous intensity	*1505,71 cd*
Light output ratio (LOR)	*100,00 %*
Luminous efficacy	*90,44 lm/W*

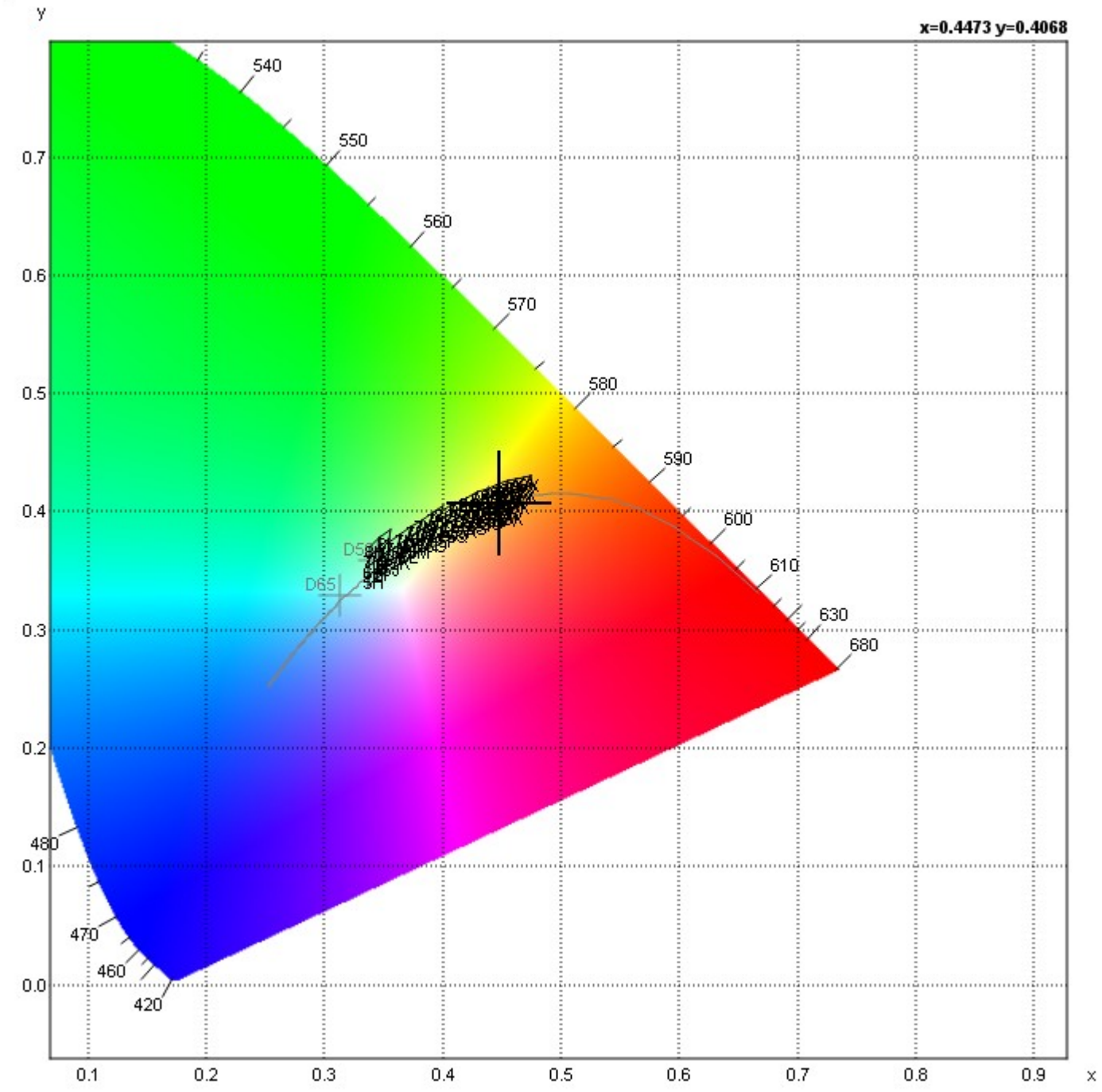
Light intensity distribution diagram



CIE 1931 diagram

x	0,4473
y	0,4068
Angular Colour Uniformity	0,0014

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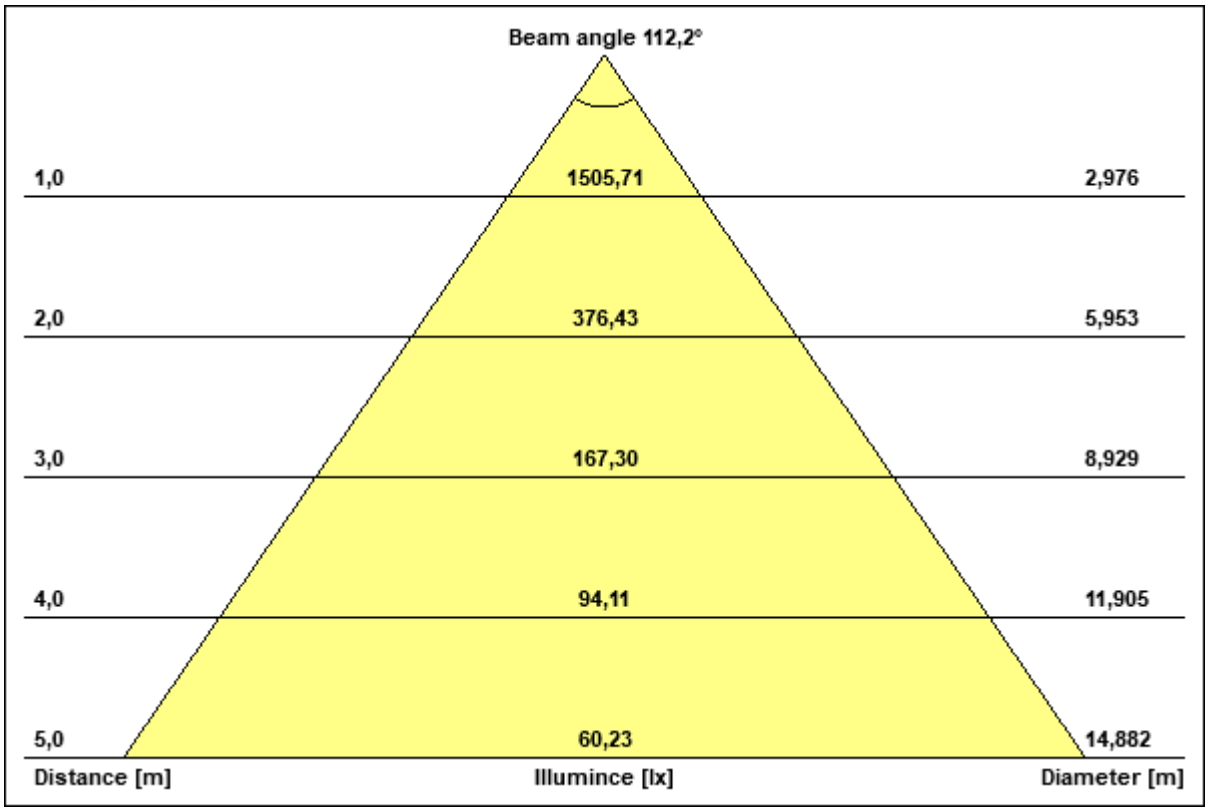


Beam cone

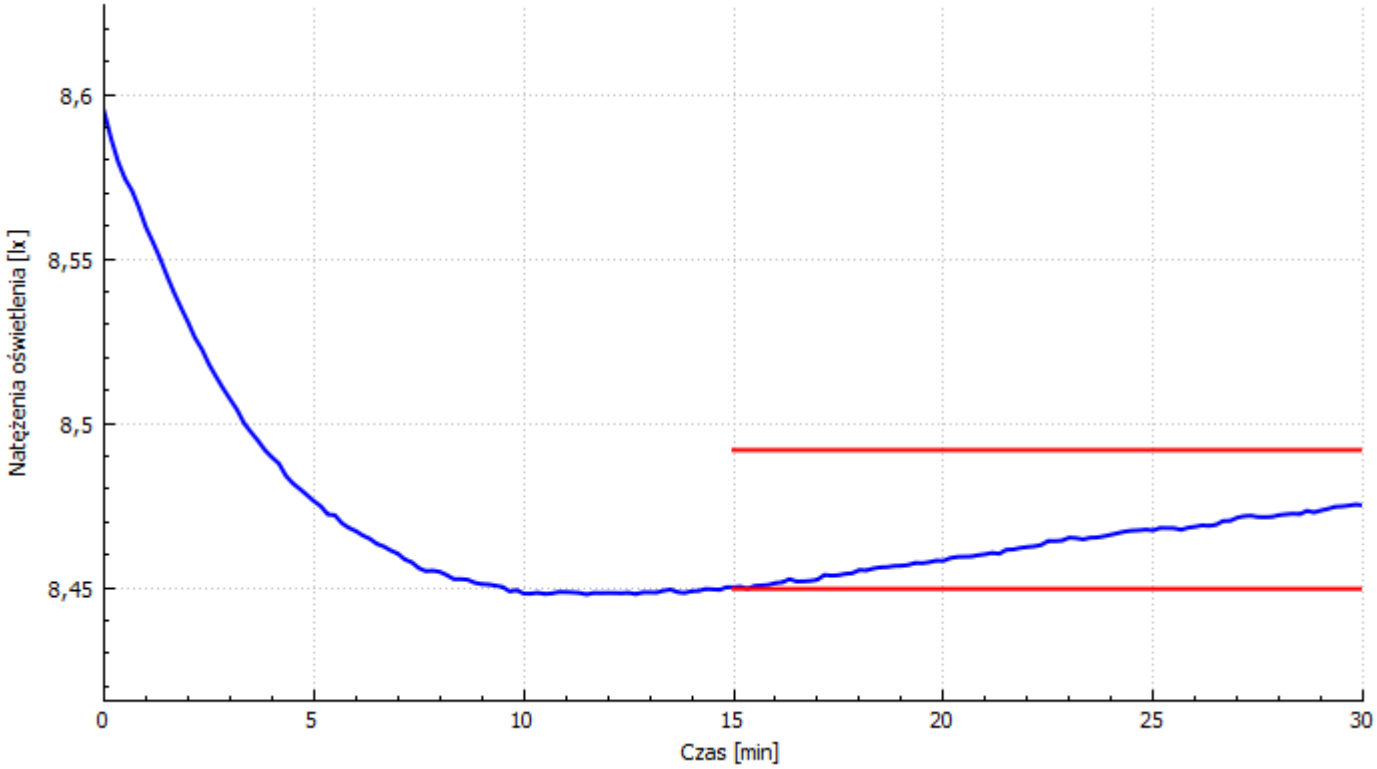
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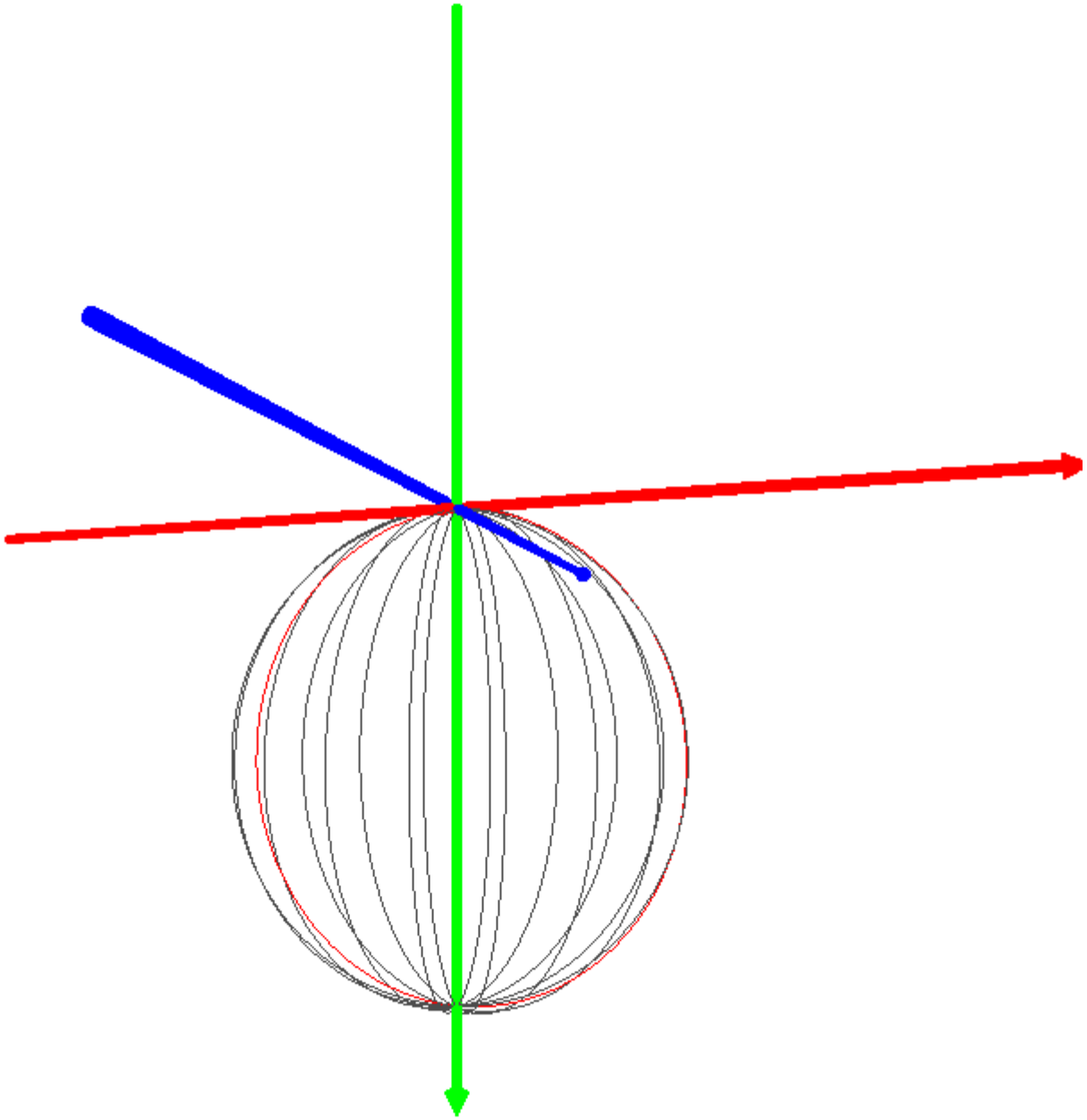
NIP: 783-171-97-20
REGON 360317241
KRS: 0000537079
Kapitał 200.000PLN



Stabilization


8,6
8,55
8,5
8,45
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

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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
11	0	0	0
12	0	0	0
13	0	0	0
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15	0	0	0
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