

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *Asteria 25 3000K*

Item No: *AZ2072*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *ASTERIA 25 3000k*

LuminaireNumber:

FileName: *ASTERIA253000k_20220601_1100.ldt*

Date: *2022-06-01*

Dimensions of luminaire

Length: *250 mm*

Width: *250 mm*

Height: *80 mm*

Dimensions of luminous area

Length: *225 mm*

Width: *225 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: 816,91 lm
Color temperatur: 2925.03 K
Color rendering index: 80,78
Wattage including ballast: 17,38 W

Utilization factors:

k = 0.60	0,308
k = 0.80	0,394
k = 1.00	0,469
k = 1.25	0,543
k = 1.50	0,601
k = 2.00	0,689
k = 2.50	0,737
k = 3.00	0,774
k = 4.00	0,825
k = 5.00	0,857

Electrical parameters

U = 229,647 V
 I = 0,158 A
 P = 17,381 W
Power factor = 0,479

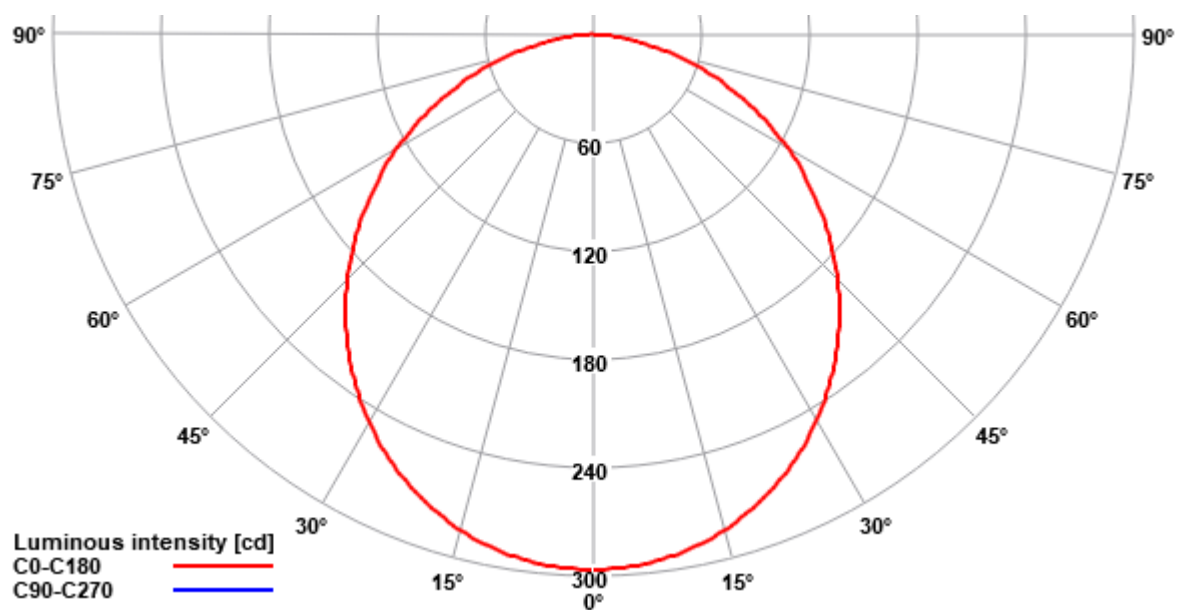
Power apparent = 36,251 VA
Power Reactive = -31,818 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 22 C

Goniometric measurement results

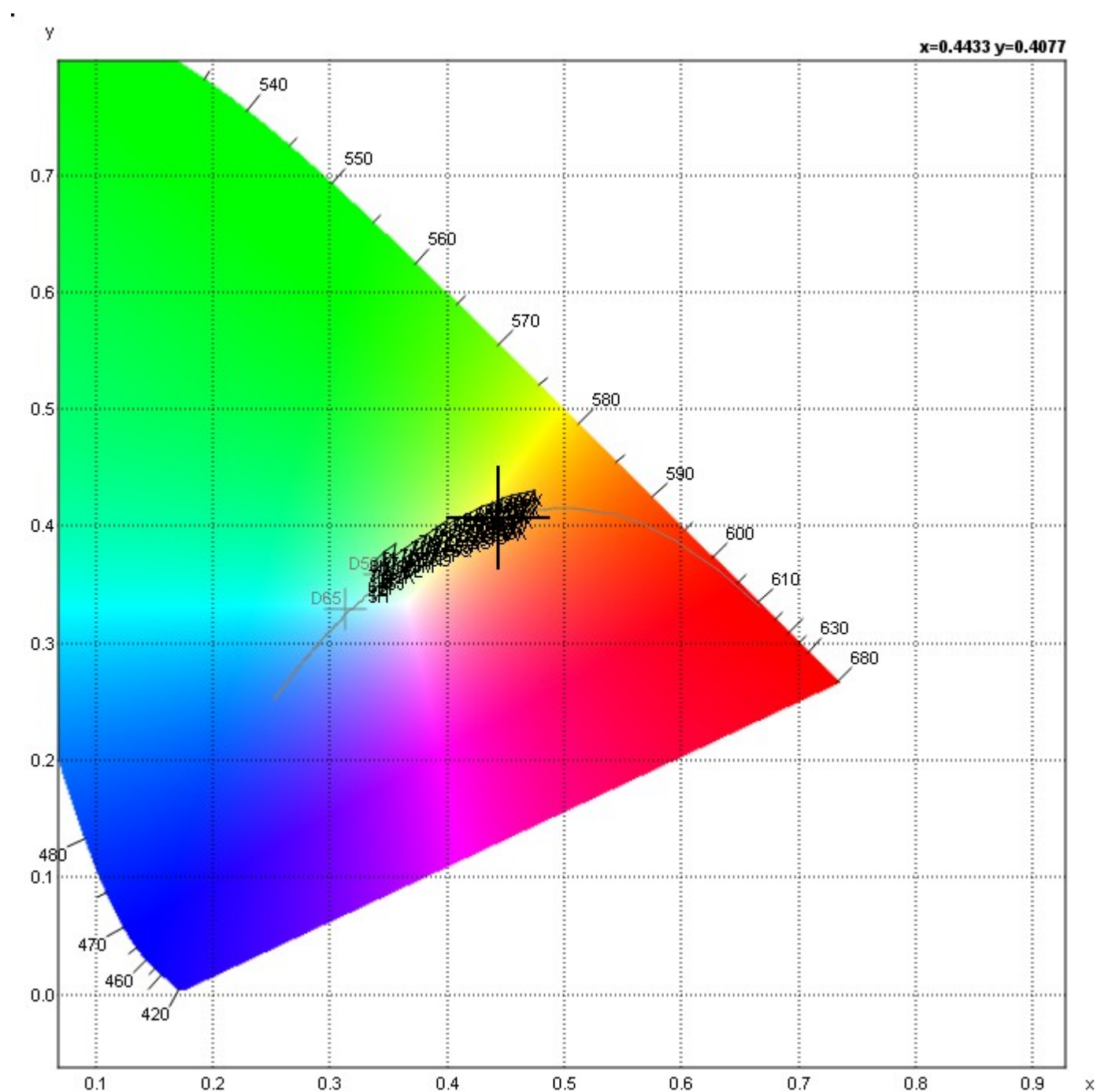
Total flux (utilized luminarie flux)	816,91 <i>lm</i>
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	296,92 <i>cd</i>
Light output ratio (LOR)	100,00 %
Luminous efficacy	47,00 <i>lm/W</i>

Light intensity distribution diagram



CIE 1931 diagram

x 0,4433
y 0,4077
Angular Colour Uniformity 0,0011



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ul. Poznańska 70

PL-62-040 Puszczkowo; Poland

Tel.: +48 61 819 40 03

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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000 PLN

Beam cone

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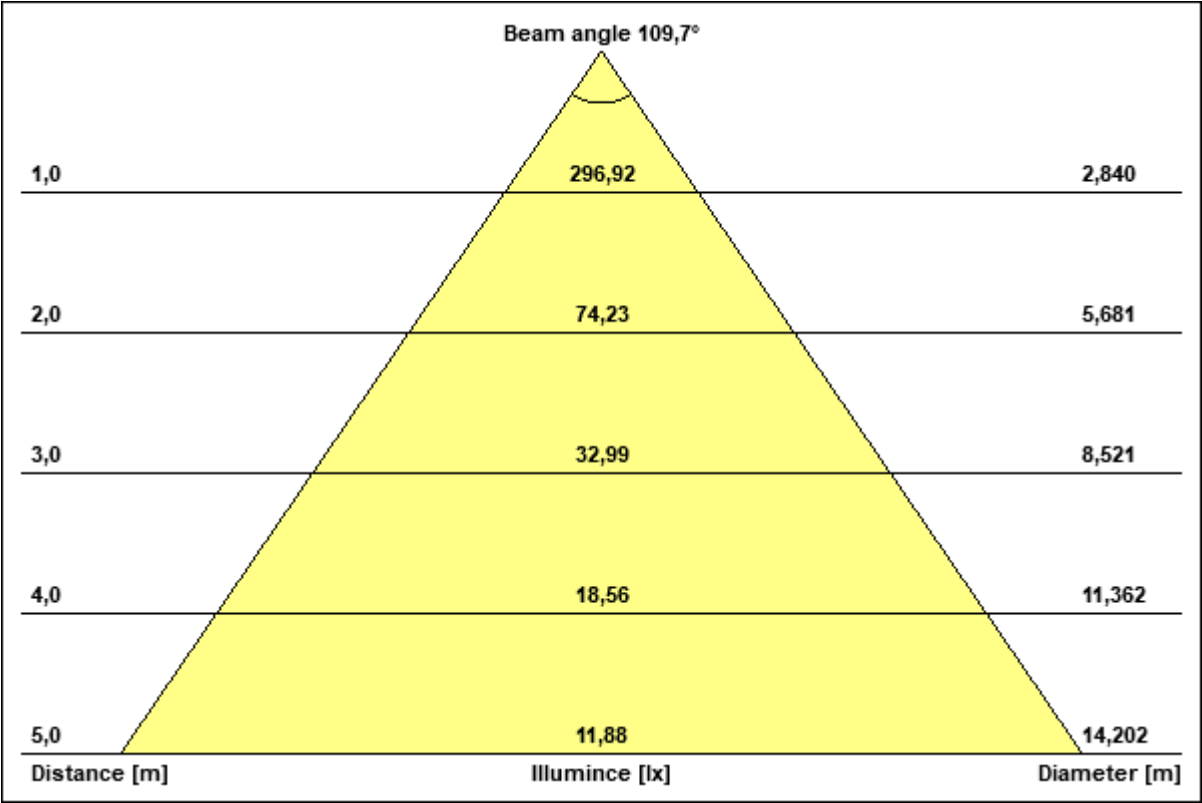
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Stabilization

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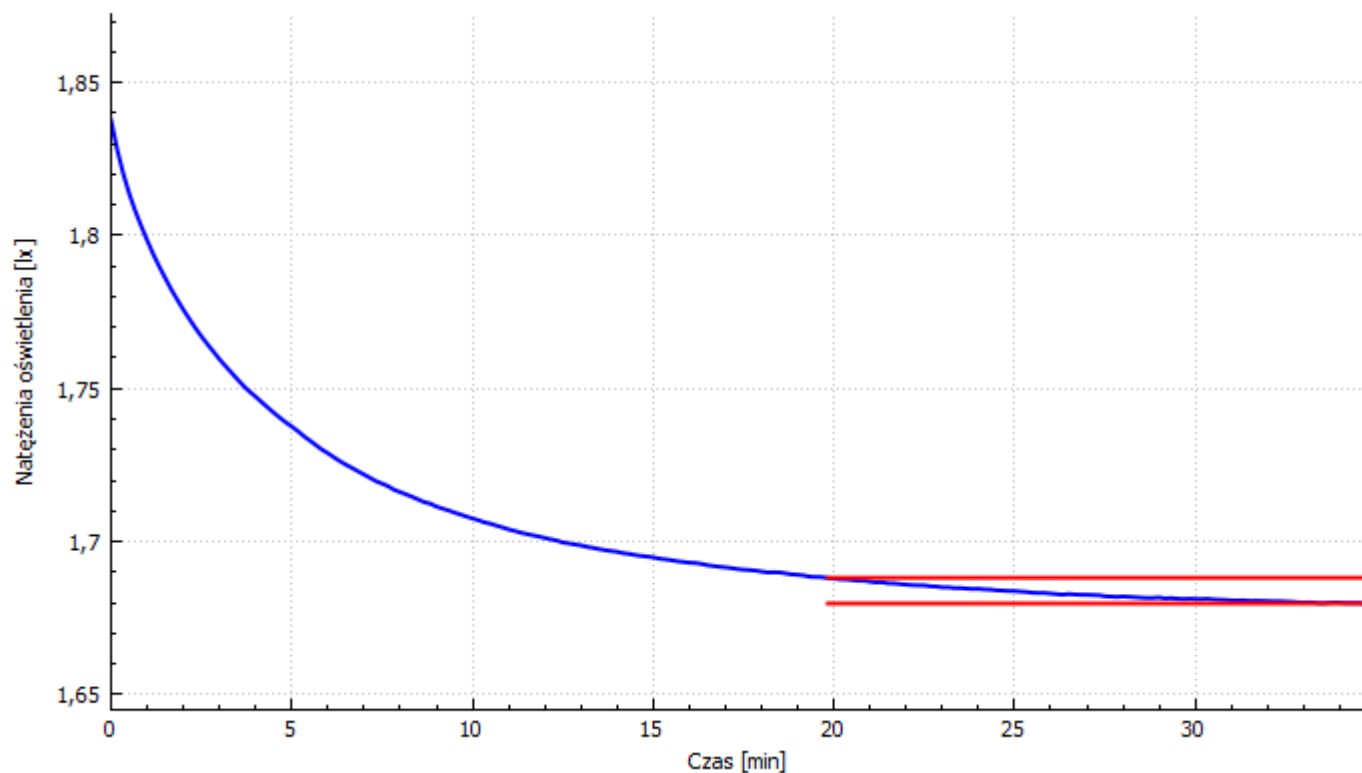
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3D Chart

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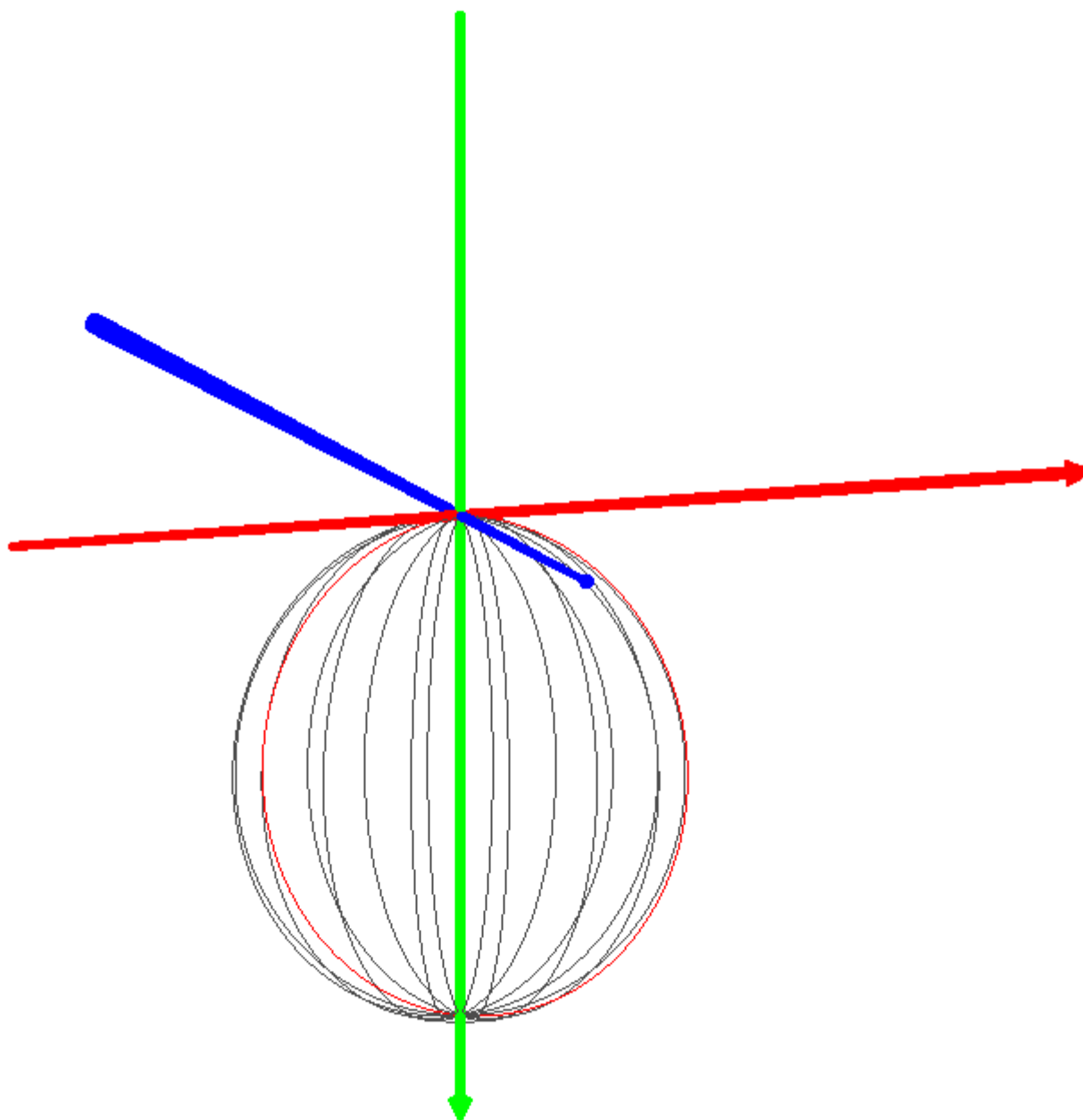
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Legend

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

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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
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19	0	0	0
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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

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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