

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *MONZA R 8 4000K WH*

Item No: *AZ2252*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *TECH_LED_2*

LuminaireName: *Monza R8 4000*

LuminaireNumber: *AZ2252*

FileName: *AZ2252.Idt*

Date: *2020-11-26*

Dimensions of luminaire

Length: *80 mm*

Width: *0 mm*

Height: *60 mm*

Dimensions of luminous area

Length: *76 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: 235,51 lm
Color temperatur: 4178.41 K
Color rendering index: 91,88
Wattage including ballast: 5,20 W

Utilization factors:

k = 0.60	0,310
k = 0.80	0,396
k = 1.00	0,472
k = 1.25	0,546
k = 1.50	0,603
k = 2.00	0,691
k = 2.50	0,739
k = 3.00	0,776
k = 4.00	0,826
k = 5.00	0,858

Electrical parameters

U = 229,629 V
 I = 0,055 A
 P = 5,205 W
Power factor = 0,412

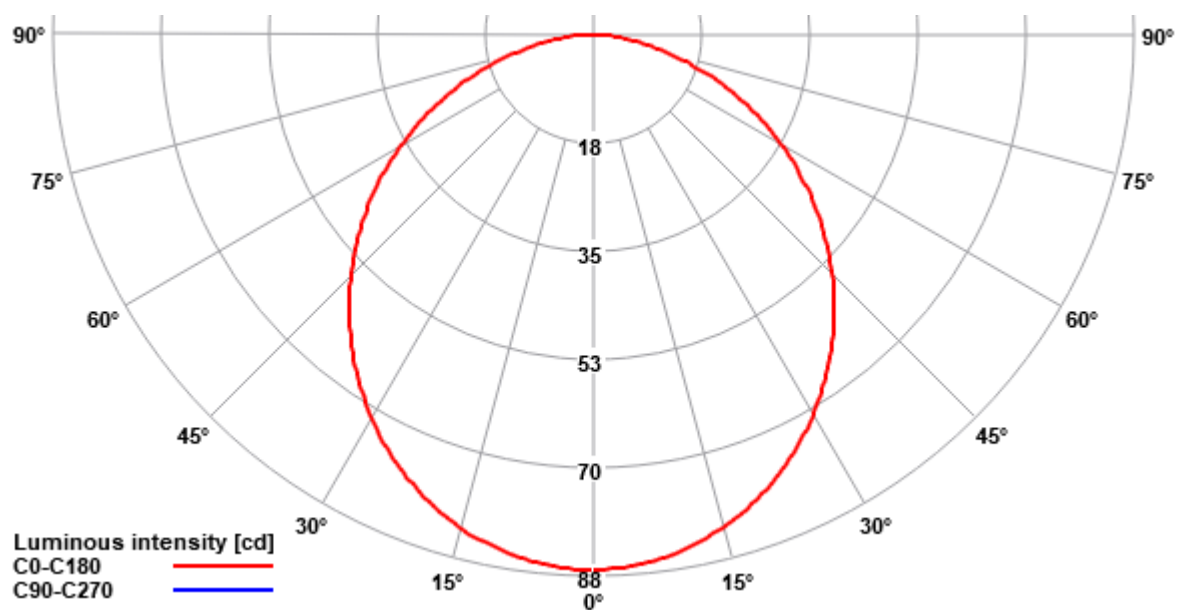
Power apparent = 12,621 VA
Power Reactive = -1,273 var
Frequency Voltage = 50,002 Hz
THD = 0,000 %

Temperature = 22 C

Goniometric measurement results

Total flux (utilized luminarie flux)	235,51 <i>lm</i>
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	87,18 <i>cd</i>
Light output ratio (LOR)	100,00 %
Luminous efficacy	45,29 <i>lm/W</i>

Light intensity distribution diagram



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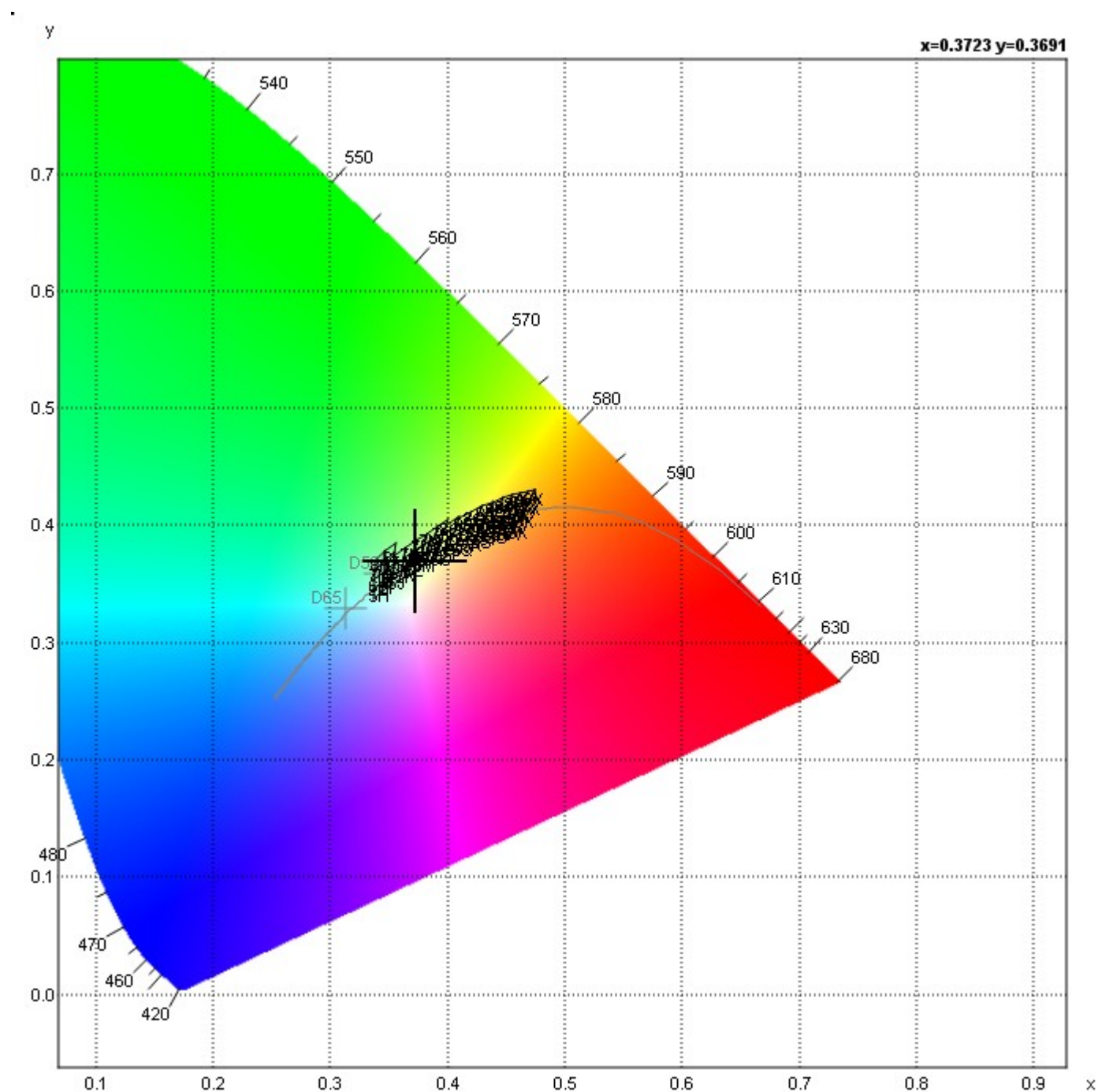
REGON 360317241

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CIE 1931 diagram

x 0,3723
y 0,3691
Angular Colour Uniformity 0,0035



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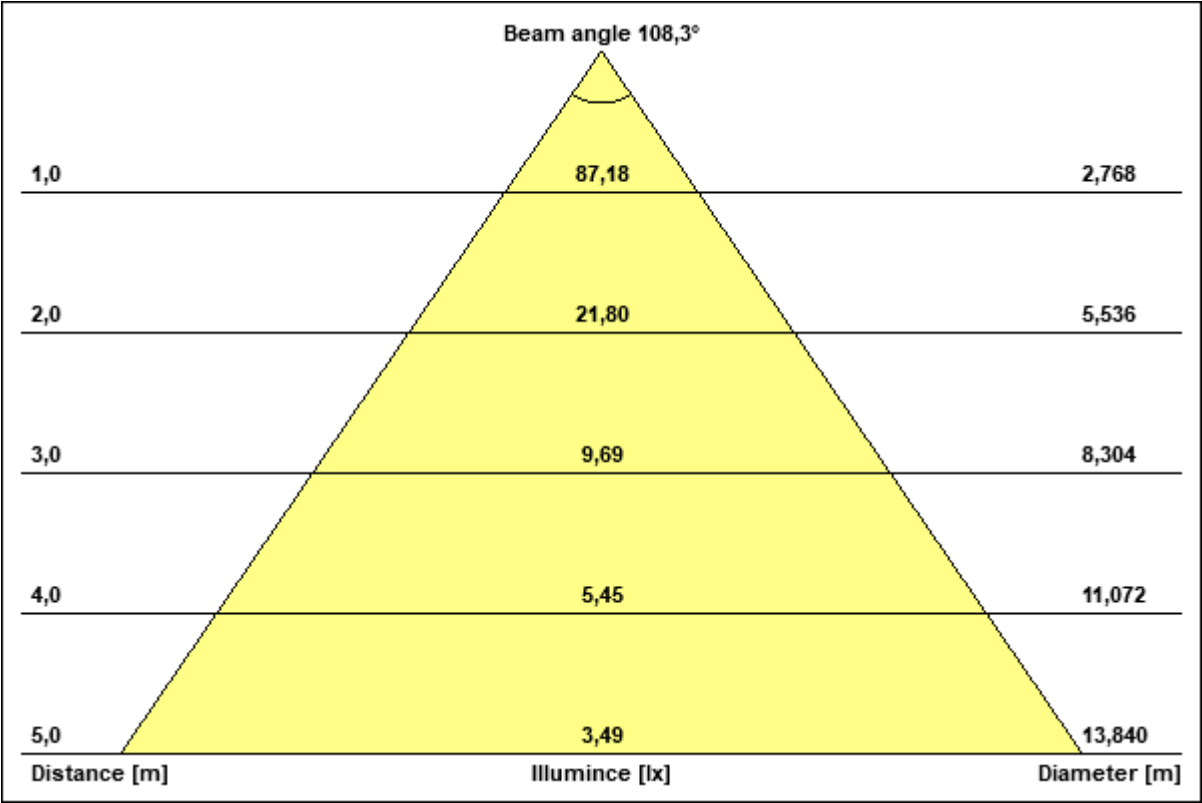
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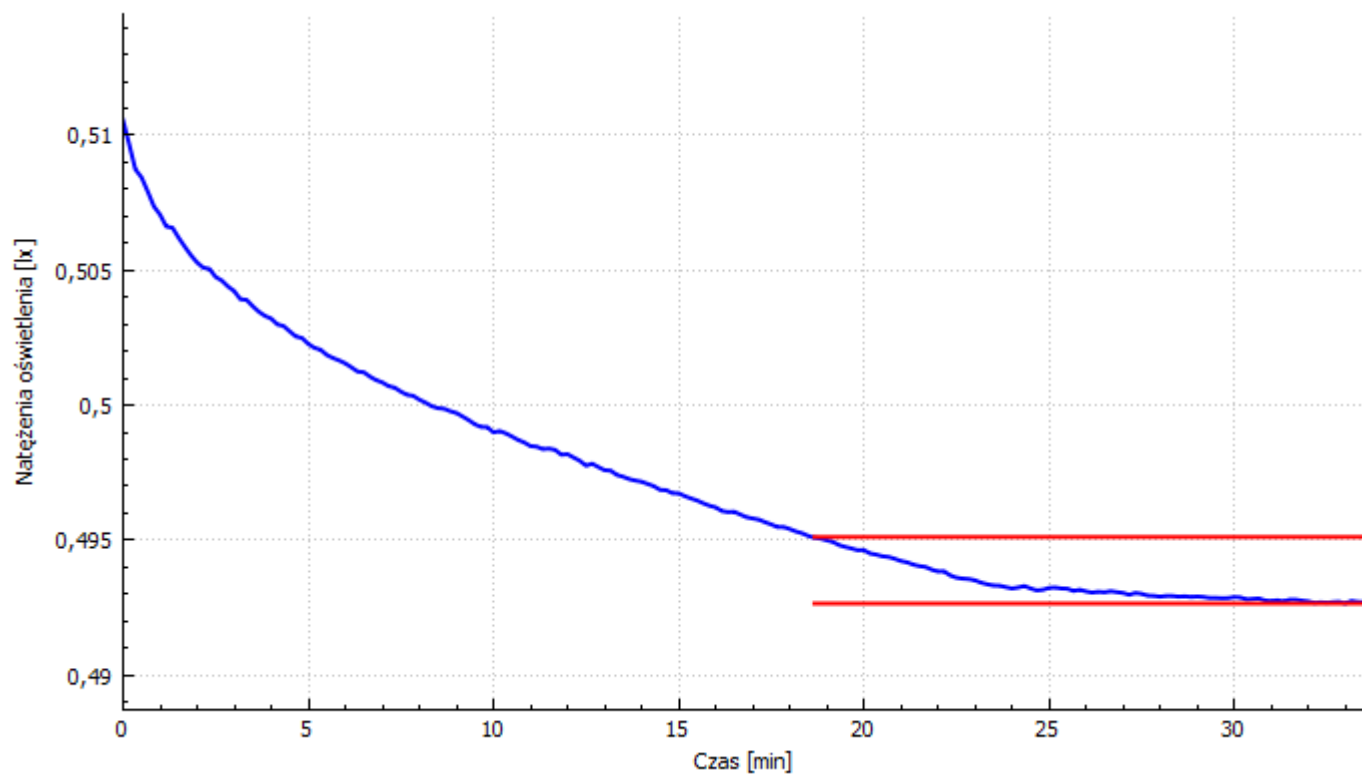
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Beam cone



Stabilization



3D Chart

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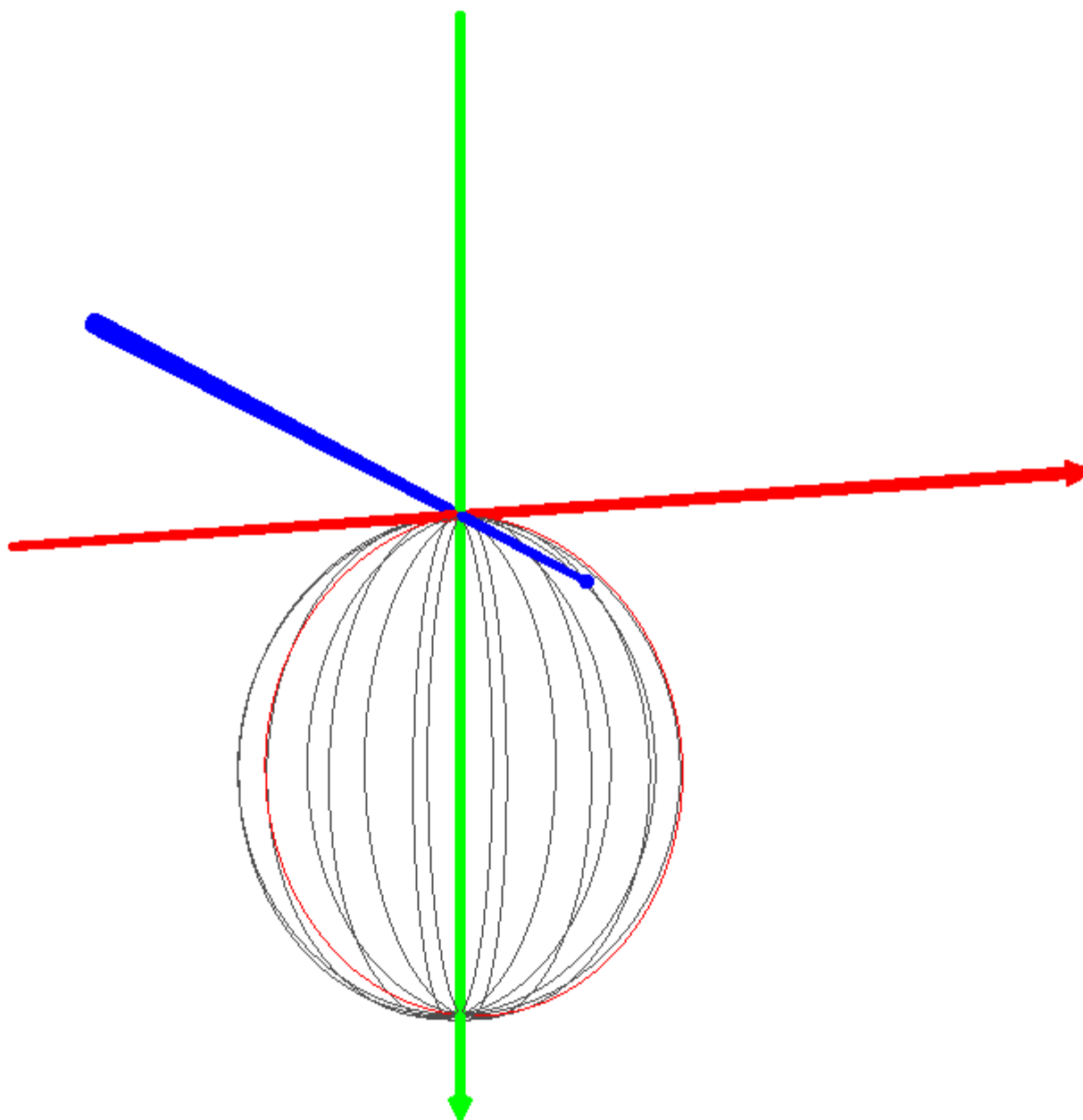
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Legend

- - 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
17	0	0	0
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19	0	0	0
20	0	0	0
21	0	0	0
22	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