

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Agnes 58 DIMM CCT*
Item No: *AZ5019*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ5019-3000K*
LuminaireName: *Agnes 58 DIMM CCT*
LuminaireNumber: *AZ5019-3000K*
FileName: *AZ50193000K.Idt*
Date: *2024-06-04*

Dimensions of luminaire

Length: *580 mm*
Width: *0 mm*
Height: *1000 mm*

Dimensions of luminous area

Length: *580 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*

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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

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Type of lamps: *LED*
Total luminous flux: *2781,05 lm*
Color temperatur: *2881 K*
Color rendering index: *81,26*
Wattage including ballast: *51,80 W*

Utilization factors:

k = 0.60	<i>0,244</i>
k = 0.80	<i>0,318</i>
k = 1.00	<i>0,386</i>
k = 1.25	<i>0,454</i>
k = 1.50	<i>0,509</i>
k = 2.00	<i>0,595</i>
k = 2.50	<i>0,648</i>
k = 3.00	<i>0,689</i>
k = 4.00	<i>0,747</i>
k = 5.00	<i>0,785</i>

Electrical parameters

<i>U</i>	<i>= 229,629 V</i>
<i>I</i>	<i>= 0,227 A</i>
<i>P</i>	<i>= 51,802 W</i>
<i>Power factor</i>	<i>= 0,992</i>

<i>Power apparent</i>	<i>= 52,218 VA</i>
<i>Power Reactive</i>	<i>= -6,453 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 8,082 %</i>

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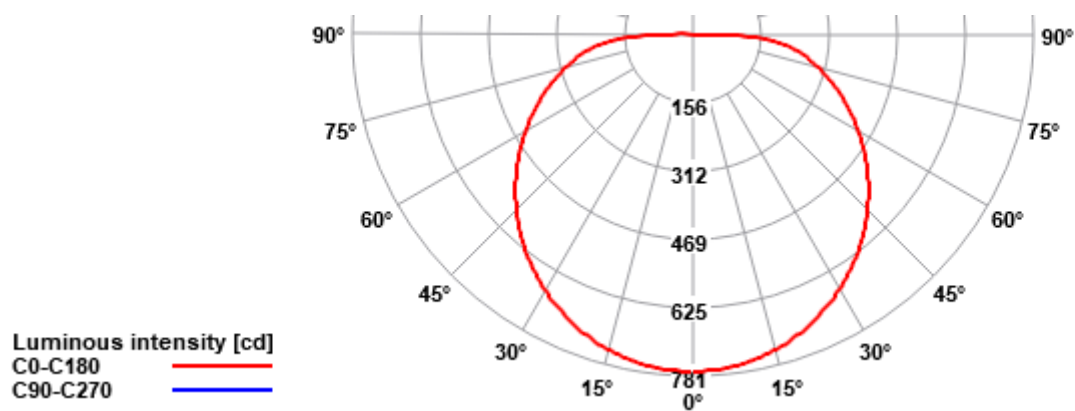
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2781,05 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	773,37 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	53,69 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4454
y	0,4063
Angular Colour Uniformity	0,0016

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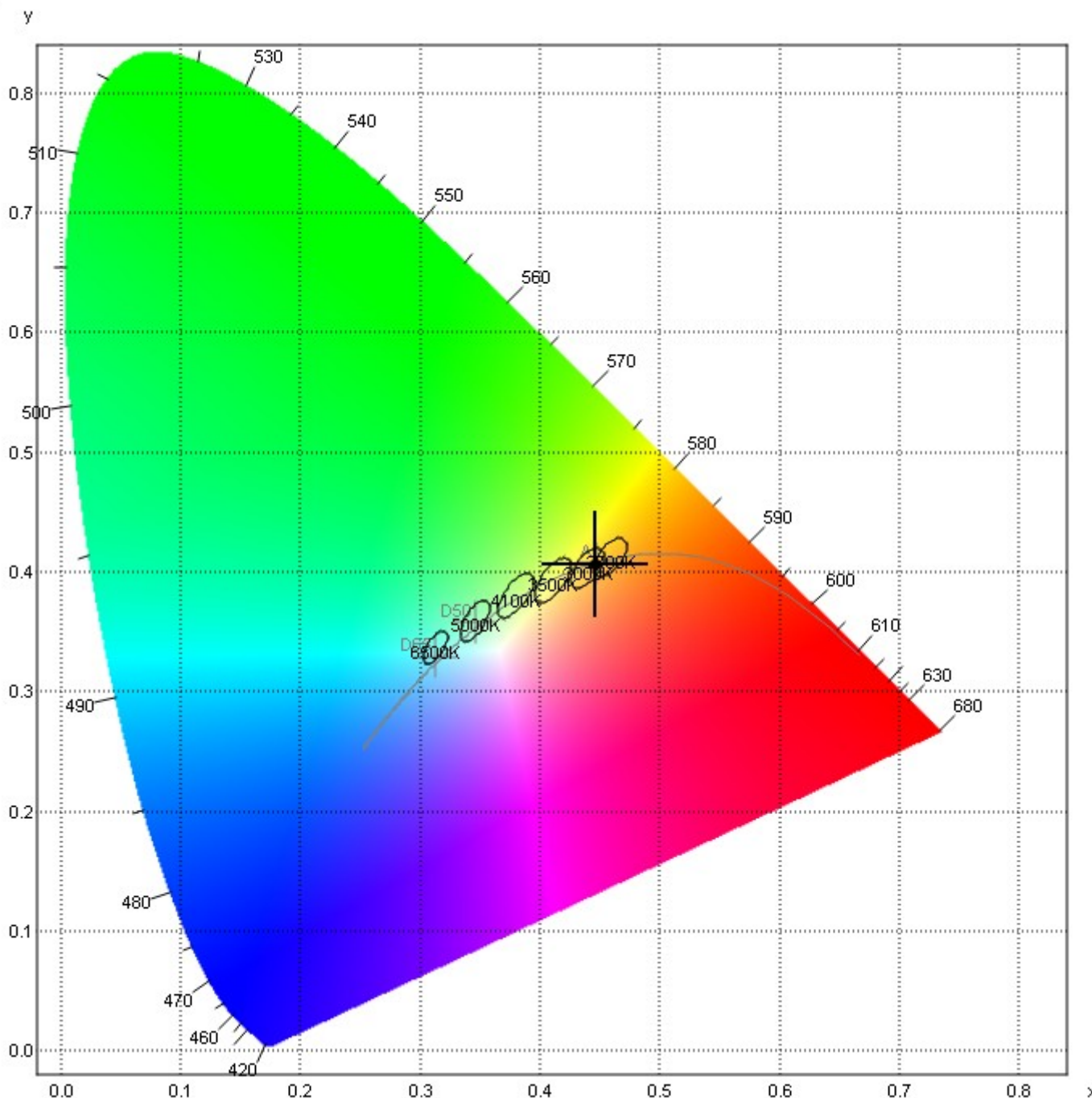
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Beam cone

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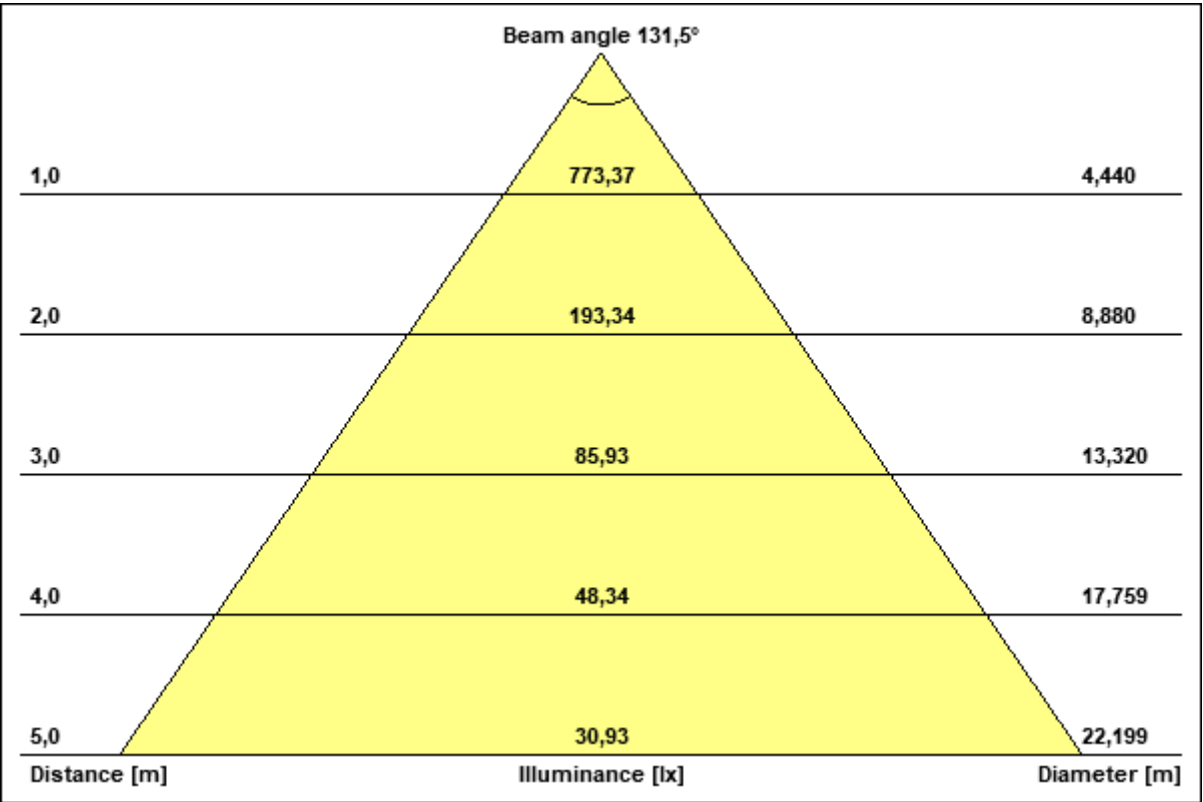
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Stabilization

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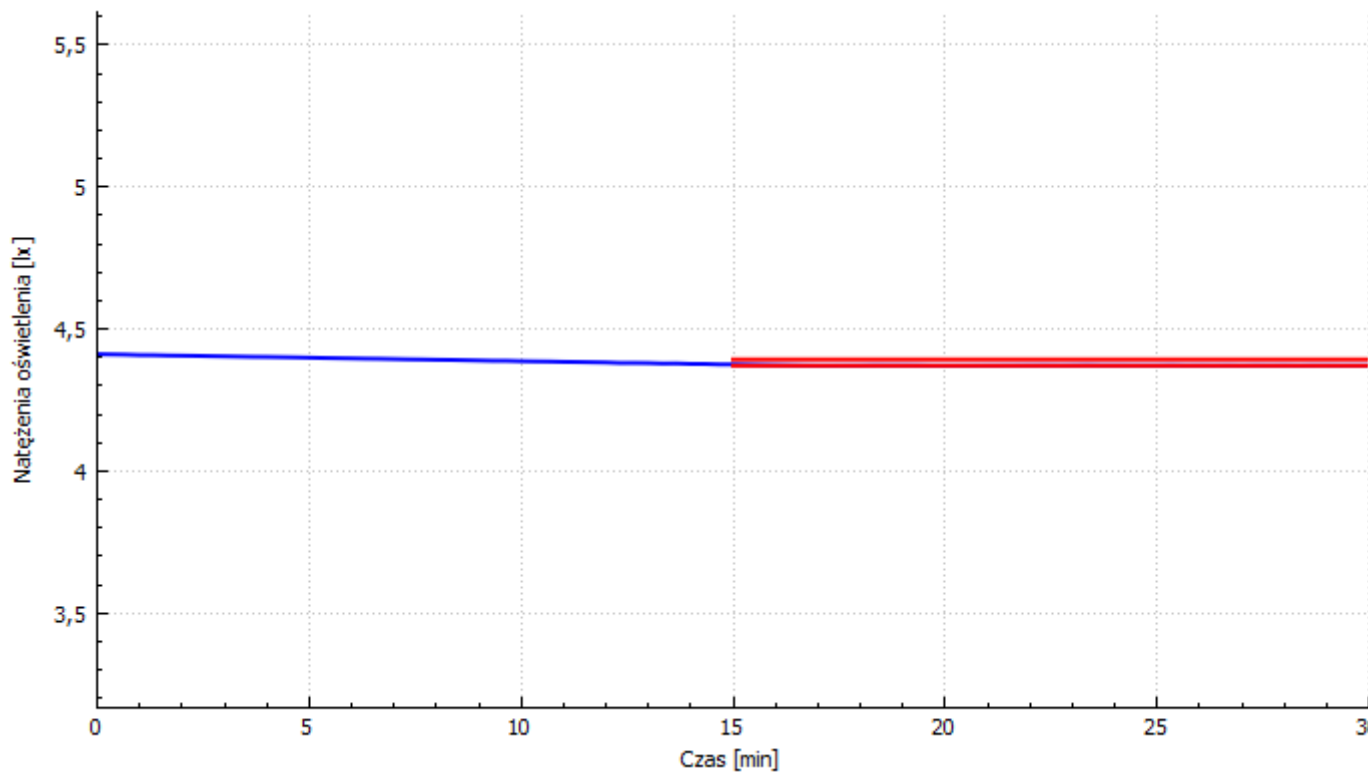
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3D Chart

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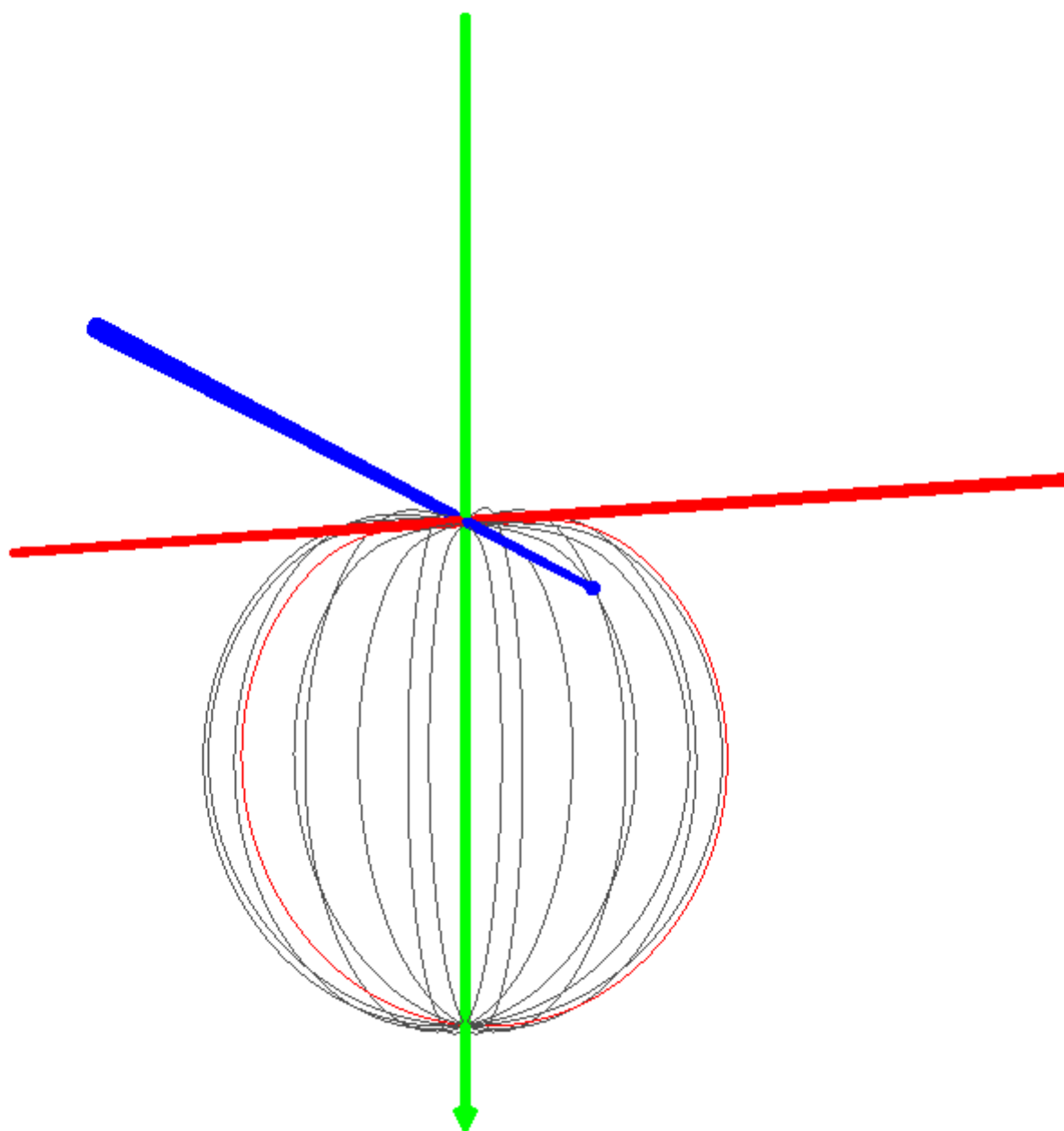
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Ext
end
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			P(%f)
0	0,00263	0,471	-1,72e-05
1	100,000	100,000	100,000
2	0,00452	0,0537	-2,9e-06
3	0,0121	7,292	0,000807
4	0,00155	0,078	1,13e-06
5	0,00924	1,375	0,000137
6	0,00131	0,0625	4,34e-07
7	0,00531	0,856	2,95e-05
8	0	0,0773	0
9	0,00114	0,814	4,55e-06
10	0	0,0832	0
11	0,00447	0,870	2,29e-05
12	0	0,0732	0
13	0,0053	1,883	8,08e-05
14	0	0,0943	0
15	0,0021	0,793	3,03e-06
16	0	0,123	0
17	0,00243	1,135	1,51e-06
18	0	0,136	0
19	0,00124	0,530	-3,63e-06
20	0	0,0875	0
21	0,00186	0,872	-2,7e-06

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22	0	0,113	0
23	0,00489	0,442	1,12e-05
24	0	0,157	-5,53e-07
25	0,00235	0,483	5,77e-07
26	0	0,153	2,65e-06
27	0,00301	0,225	3,57e-06
28	0,00112	0,165	-6,95e-07
29	0,00184	0,296	2,19e-06
30	0,00098	0,152	0
31	0,00219	0,149	-1,47e-06
32	0,00115	0,134	-6,57e-07
33	0,000996	0,097	0
34	0,000891	0,166	1,68e-06
35	0,00105	0,308	1,49e-07
36	0	0,144	-5,12e-07
37	0,000959	0,289	1,38e-07
38	0	0,139	0
39	0,00109	0,395	-9,42e-07
40	0,00138	0,105	0
41	0,00409	0,377	4,67e-06
42	0	0,136	0
43	0,00349	0,610	4,06e-06
44	0,000997	0,154	0
45	0,00416	0,465	-1,76e-06
46	0	0,0998	6,79e-07
47	0,00201	0,405	1,81e-06
48	0,000908	0,128	9,51e-07
49	0,00302	0,231	-1,17e-06
50	0	0,166	0

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