

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Lauren A 3-Step Dimm*
Item No: *AZ5257*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ5257*
LuminaireName: *Lauren A 3-Step Dimm BK*
LuminaireNumber: *AZ5257*
FileName: *AZ5257.Idt*
Date: *2024-06-19*

Dimensions of luminaire

Length: *1200 mm*
Width: *60 mm*
Height: *1500 mm*

Dimensions of luminous area

Length: *1200 mm*
Width: *60 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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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

Kapitał 200.000PLN

Type of lamps: *LED*
Total luminous flux: *2064,05 lm*
Color temperatur: *2987 K*
Color rendering index: *81,71*
Wattage including ballast: *40,71 W*

Utilization factors:

k = 0.60	<i>0,240</i>
k = 0.80	<i>0,314</i>
k = 1.00	<i>0,380</i>
k = 1.25	<i>0,446</i>
k = 1.50	<i>0,500</i>
k = 2.00	<i>0,584</i>
k = 2.50	<i>0,634</i>
k = 3.00	<i>0,675</i>
k = 4.00	<i>0,732</i>
k = 5.00	<i>0,770</i>

Electrical parameters

<i>U</i>	<i>= 229,572 V</i>
<i>I</i>	<i>= 0,185 A</i>
<i>P</i>	<i>= 40,710 W</i>
<i>Power factor</i>	<i>= 0,957</i>

<i>Power apparent</i>	<i>= 42,536 VA</i>
<i>Power Reactive</i>	<i>= -12,346 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 8,934 %</i>

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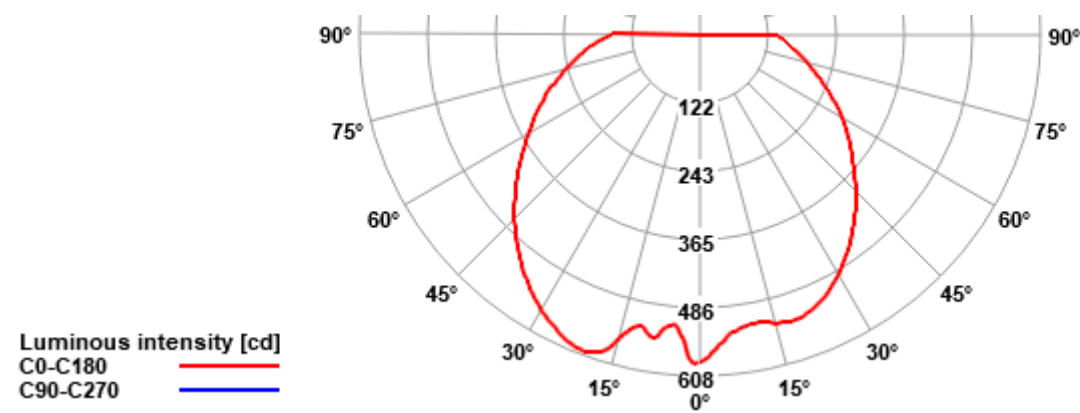
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2064,05 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	601,98 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	50,70 lm/W

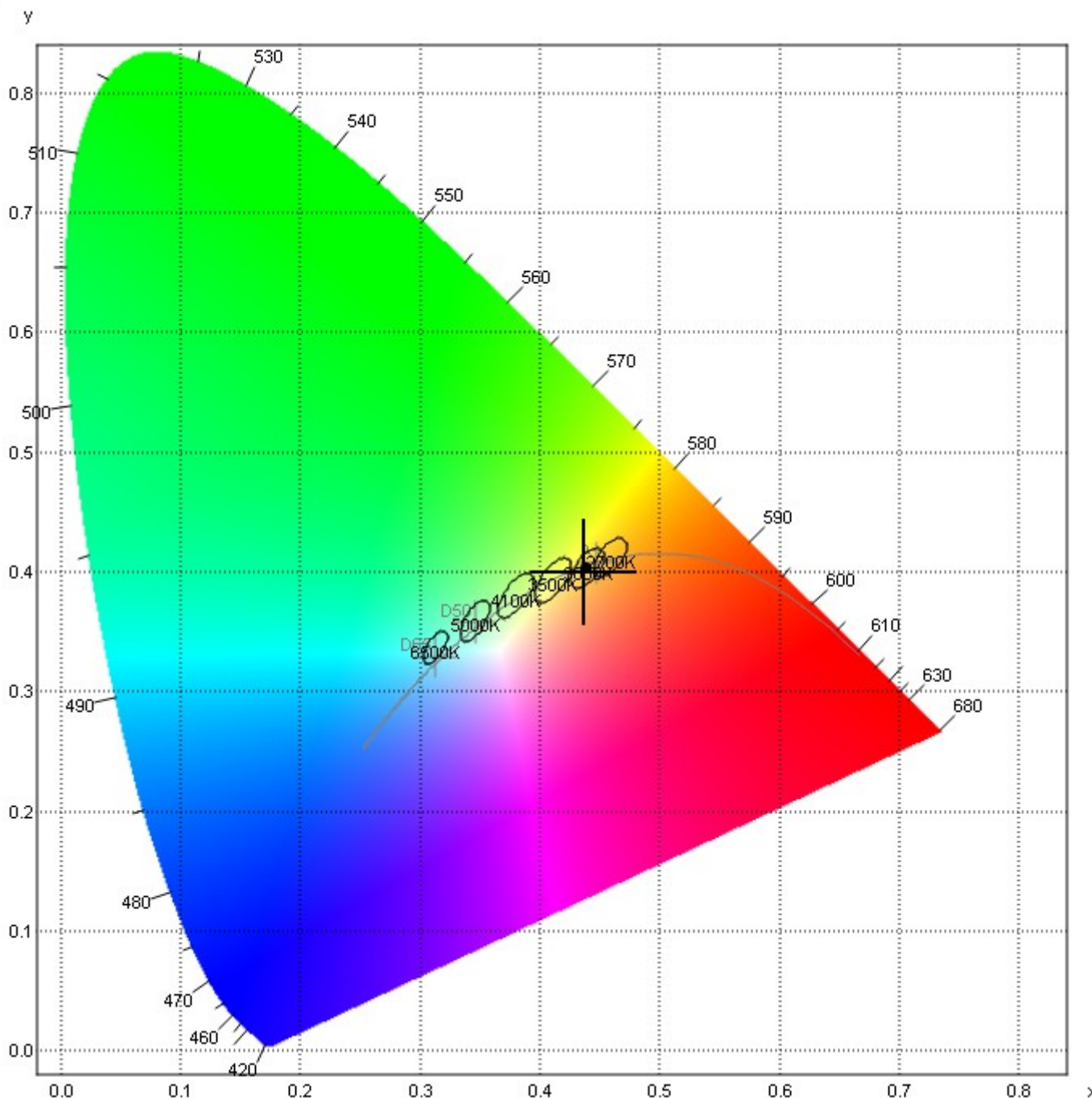
Light intensity distribution diagram



CIE 1931 diagram

x	0,4358
y	0,4002
Angular Colour Uniformity	0,0014

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Beam cone

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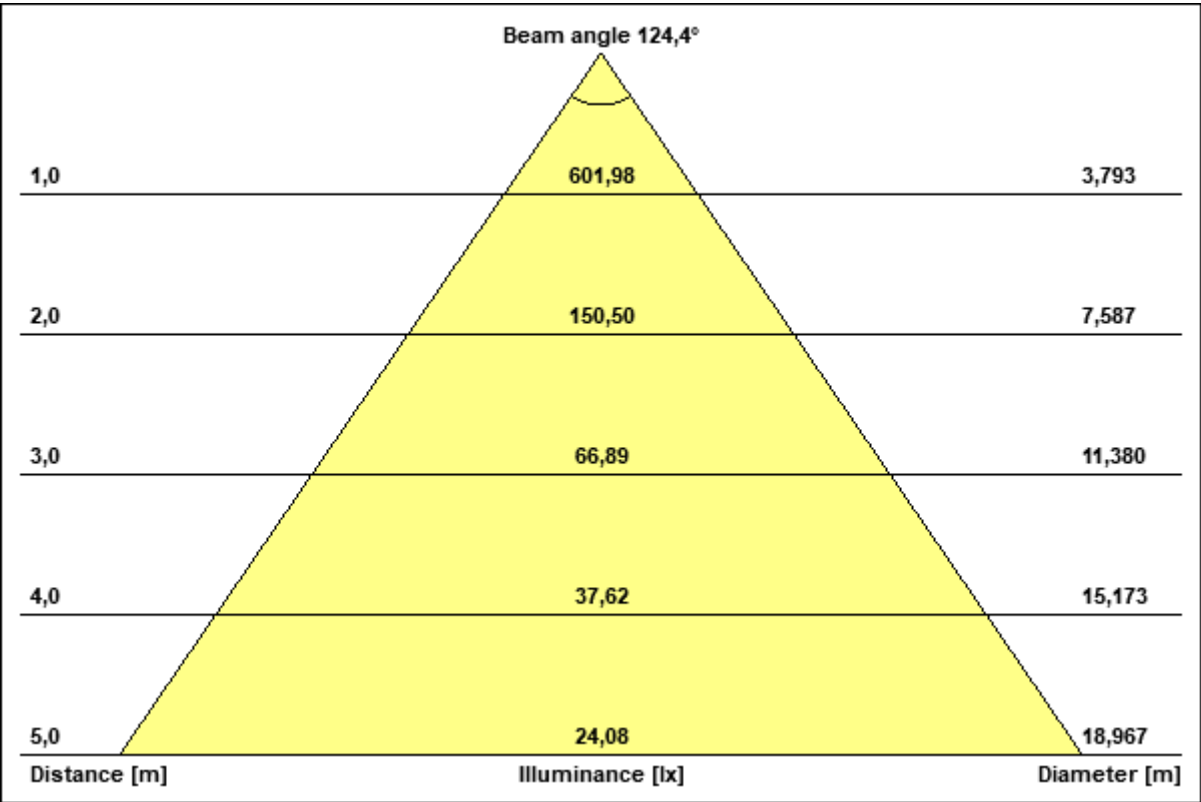
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Stabilization

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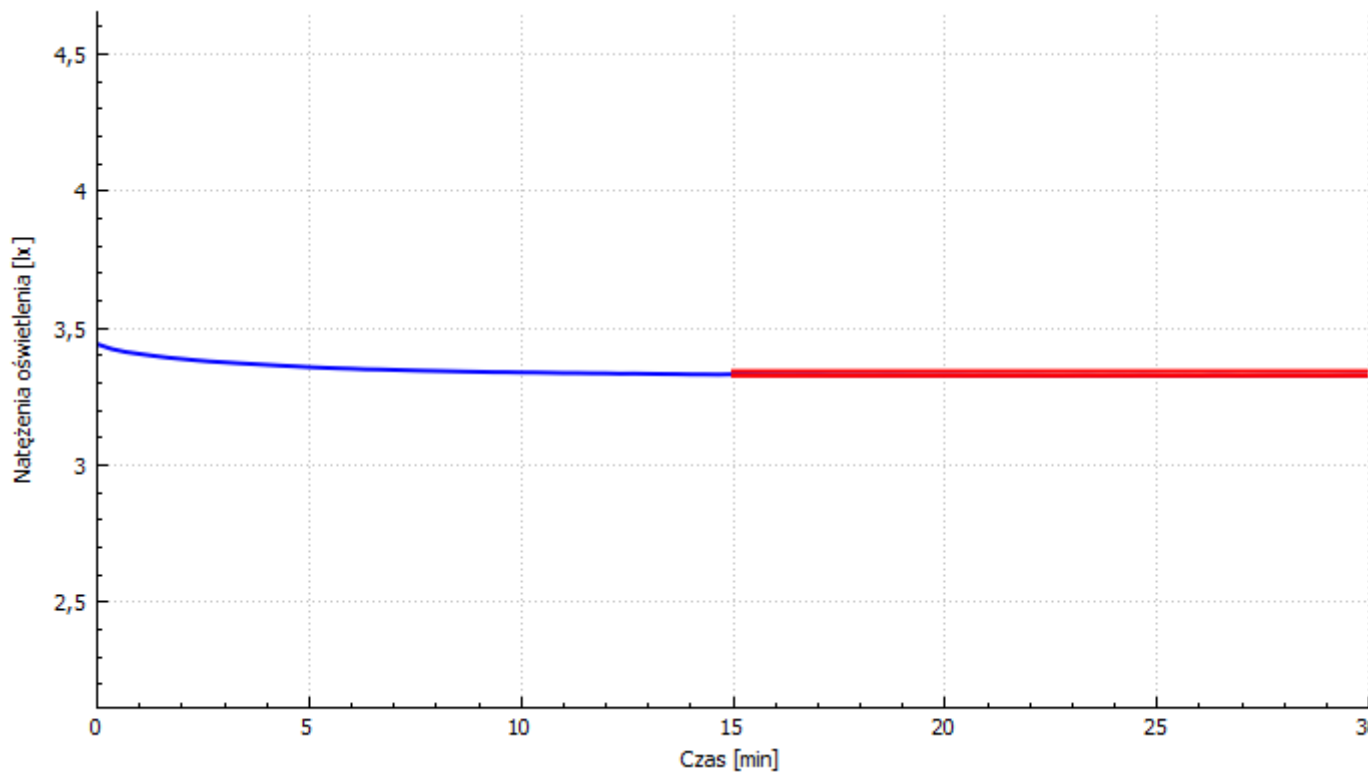
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3D Chart

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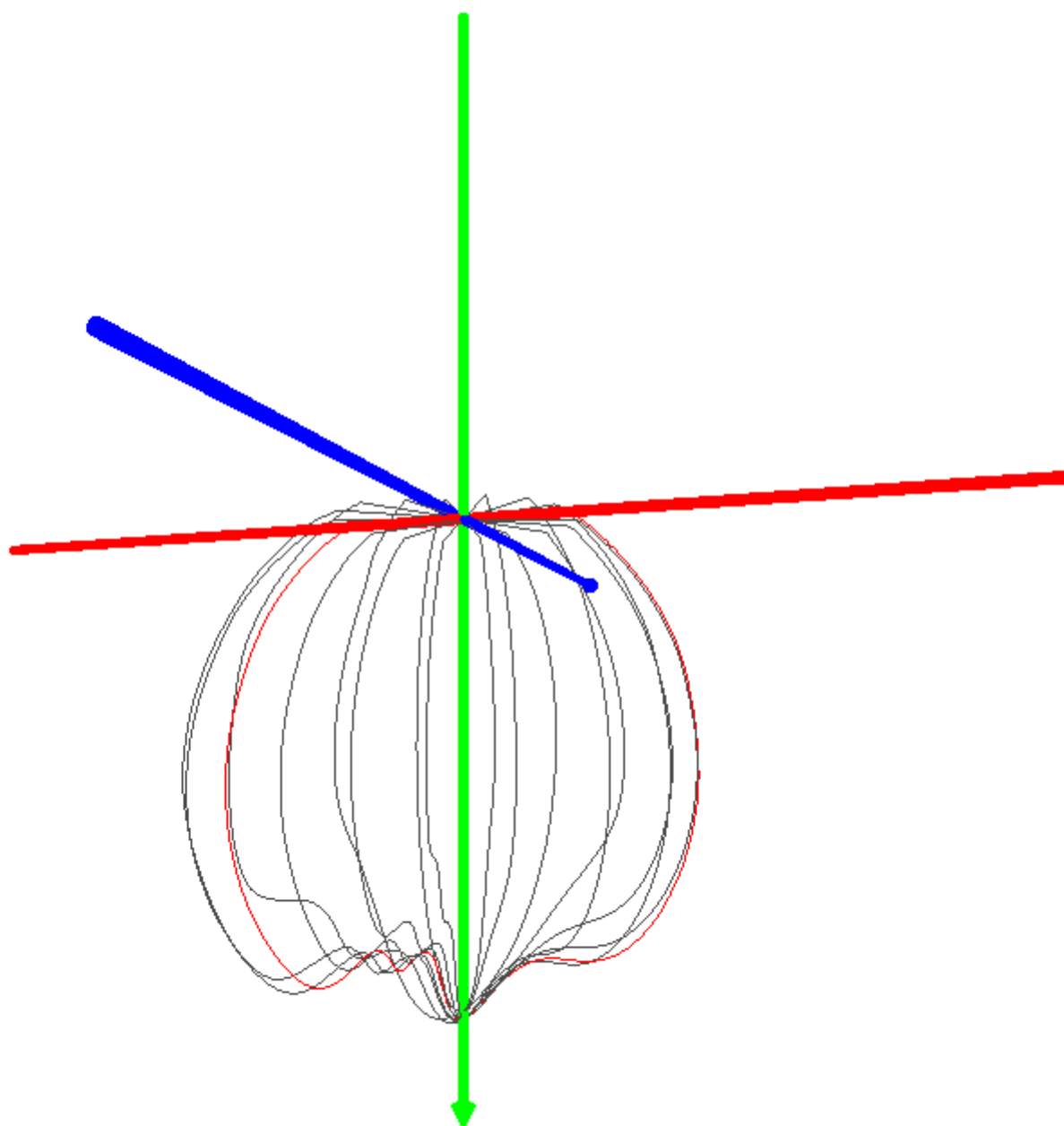
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

**Extended
electrical
report**

U(%f)			I(%f)	P(%f)
0	0,0111	0	-8,8e-07	
1	100,000	100,000	100,000	
2	0,00537	0,0903	-2,48e-06	
3	0,0105	5,923	0,000552	
4	0,00281	0,0791	1,24e-06	
5	0,00496	3,017	0,000142	
6	0,00149	0,0812	2,22e-09	
7	0,00233	3,309	0,000102	
8	0	0,0867	0	
9	0,00504	3,006	5,88e-05	
10	0	0,135	-2,04e-07	
11	0,00725	2,158	-9,69e-06	
12	0	0,140	0	
13	0,00575	1,519	-2,56e-06	
14	0,00108	0,114	-2,55e-07	
15	0,0043	1,429	3,44e-05	
16	0	0,0452	0	
17	0,00336	1,363	3,57e-05	
18	0,0011	0,0753	0	
19	0,00219	1,036	1,78e-05	
20	0,000987	0,0674	0	
21	0,00154	0,420	-8,58e-07	

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22	0	0,0268	0
23	0,00322	0,333	7,47e-06
24	0	0,0453	0
25	0,00302	0,576	4,46e-07
26	0	0,0536	5,73e-07
27	0,0026	0,701	-2,52e-06
28	0,000969	0,0274	0
29	0,00311	0,659	6,36e-06
30	0	0,0687	-1,64e-06
31	0,00222	0,597	-4,4e-07
32	0,000872	0,142	0
33	0,00186	0,498	6,43e-06
34	0,00131	0,134	-5,83e-07
35	0,00223	0,451	6,81e-06
36	0,00118	0,0667	0
37	0,00168	0,412	2,7e-06
38	0,00089	0,0689	0
39	0,00127	0,438	3,8e-07
40	0,00105	0,0822	4,55e-07
41	0,00286	0,280	-5,49e-06
42	0,00114	0,0994	-5,62e-07
43	0,00208	0,452	1,02e-06
44	0,000986	0,0917	0
45	0,00298	0,482	8,65e-06
46	0,00107	0,0577	0
47	0,0031	0,431	8,61e-06
48	0	0,0698	-9,86e-07
49	0,00244	0,453	7,99e-06
50	0,0011	0,0546	1,42e-06

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