

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Sara 3 Step Dimm GO*
Item No: *AZ5260*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ5260*
LuminaireName: *Sara 3 Step Dimm*
LuminaireNumber: *AZ5260*
FileName: *AZ5260.Idt*
Date: *2024-08-22*

Dimensions of luminaire

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

Dimensions of luminous area

Length: *1195 mm*
Width: *55 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: *2431,09 lm*
Color temperatur: *2853 K*
Color rendering index: *81,13*
Wattage including ballast: *44,83 W*

Utilization factors:

$k = 0.60$	<i>0,226</i>
$k = 0.80$	<i>0,298</i>
$k = 1.00$	<i>0,363</i>
$k = 1.25$	<i>0,429</i>
$k = 1.50$	<i>0,482</i>
$k = 2.00$	<i>0,565</i>
$k = 2.50$	<i>0,617</i>
$k = 3.00$	<i>0,658</i>
$k = 4.00$	<i>0,717</i>
$k = 5.00$	<i>0,756</i>

Electrical parameters

U	<i>= 229,542 V</i>
I	<i>= 0,203 A</i>
P	<i>= 44,830 W</i>
Power factor	<i>= 0,963</i>

Power apparent	<i>= 46,531 VA</i>
Power Reactive	<i>= -12,511 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 8,973 %</i>

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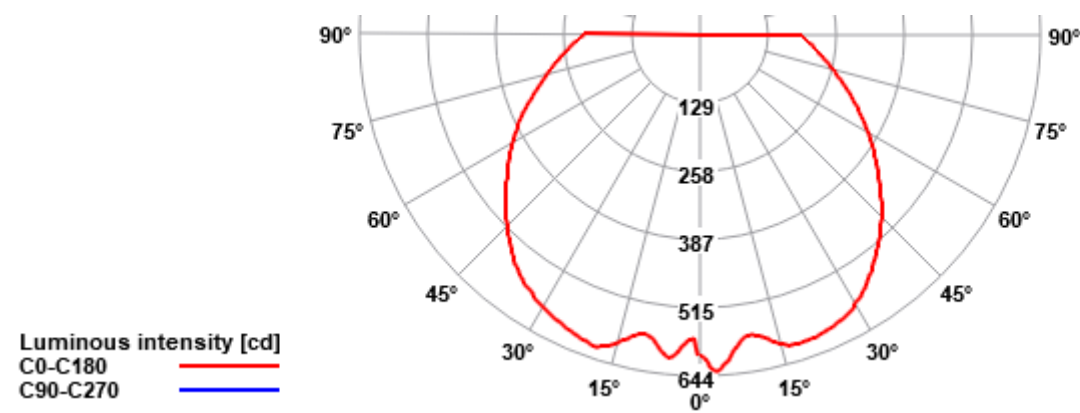
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2431,09 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	638,88 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	54,23 lm/W

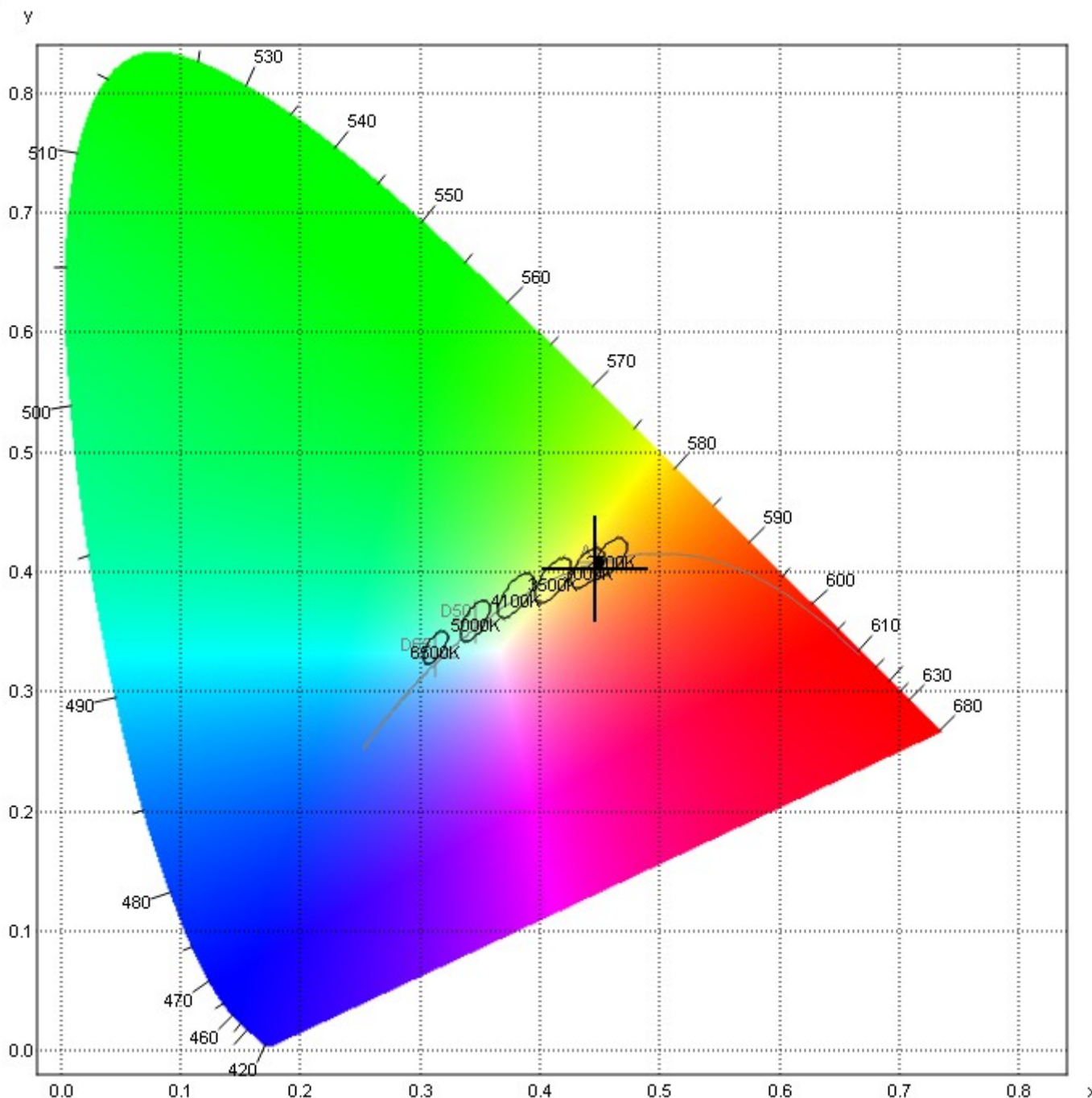
Light intensity distribution diagram



CIE 1931 diagram

x	0,4454
y	0,4031
Angular Colour Uniformity	0,0014

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Beam cone

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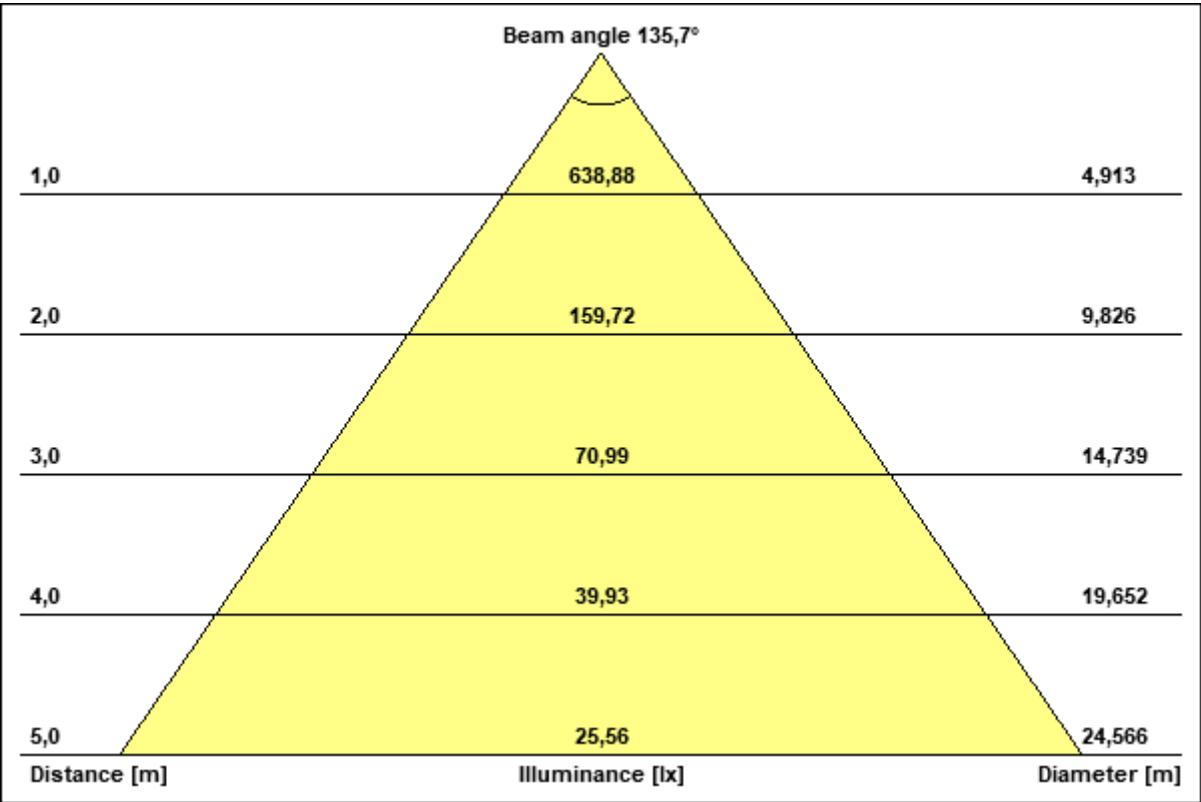
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Stabilization

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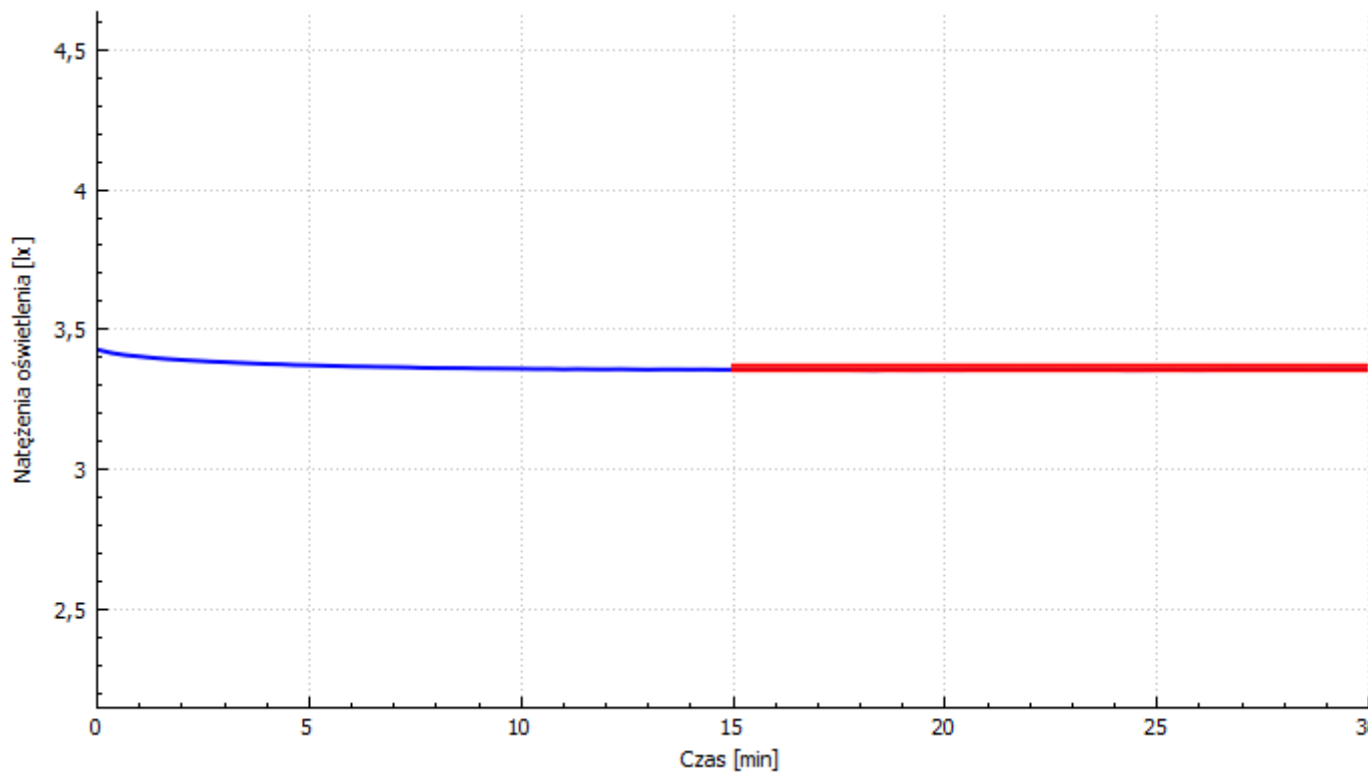
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3D Chart

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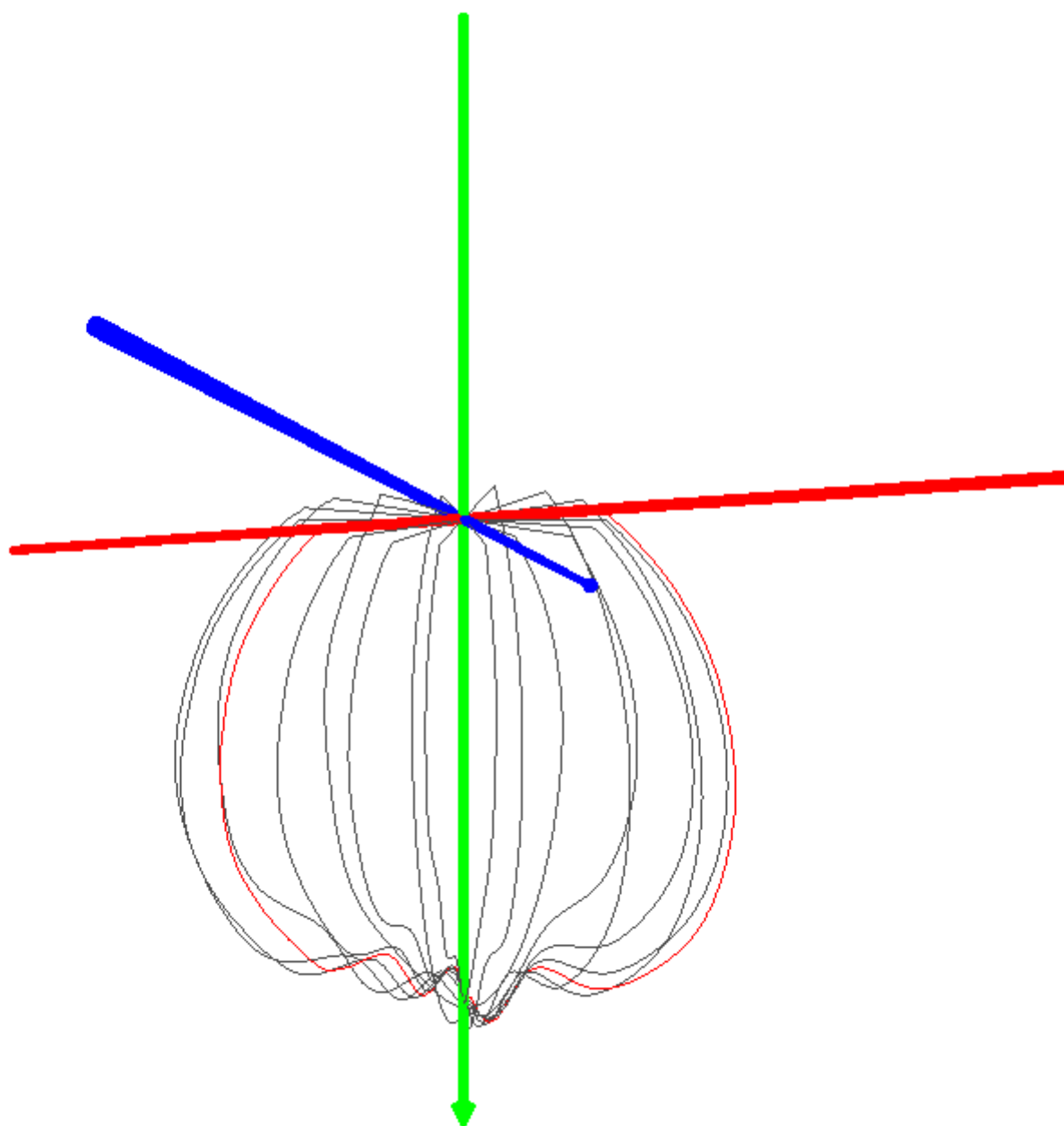
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

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			P(%f)
0	0,00288	0,129	9,11e-06
1	100,000	100,000	100,000
2	0,00674	0,111	6,64e-06
3	0,00881	6,772	0,000531
4	0,00238	0,0456	-1,86e-06
5	0,00702	2,691	1,19e-06
6	0,00165	0,0545	6,1e-09
7	0,00346	2,549	4,52e-05
8	0,00137	0,0241	6,2e-07
9	0,00267	2,595	5,07e-05
10	0,0014	0,0674	8,41e-08
11	0,00735	2,092	6,09e-05
12	0,00109	0,0815	-4,62e-07
13	0,00516	1,739	0
14	0	0,0562	9,51e-07
15	0,0037	1,058	0
16	0,000931	0,0521	-7,36e-07
17	0,0025	0,787	2,27e-05
18	0	0,0529	6,36e-07
19	0,00207	0,740	0
20	0	0,0469	2,39e-07
21	0	0,864	0

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22	0	0,0436	-1,46e-08
23	0,00374	0,725	8,25e-06
24	0,000991	0,0523	-1,49e-07
25	0,00256	0,353	0
26	0,00111	0,0583	4,42e-08
27	0,00218	0,389	0
28	0,00163	0,037	3,26e-07
29	0,00298	0,486	6,28e-06
30	0,00113	0,0668	-1,2e-06
31	0,00182	0,509	0
32	0,00105	0,0581	8,89e-07
33	0,00239	0,554	0
34	0,00164	0,0812	4,66e-07
35	0,00242	0,418	0
36	0,000927	0,0662	-2,33e-07
37	0,002	0,428	0
38	0,000923	0,0949	4,88e-07
39	0,00154	0,304	0
40	0,00119	0,133	-5,93e-07
41	0,00232	0,309	0
42	0,000898	0,116	-4,63e-07
43	0,00282	0,373	2,32e-06
44	0,00179	0,0531	1,46e-06
45	0,00232	0,287	0
46	0,0013	0,0552	1,16e-06
47	0,00225	0,280	0
48	0,00232	0,066	-2,7e-08
49	0,00173	0,334	0
50	0,00155	0,0593	-8,6e-07

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