

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Solvent R45 CCT*
Item No: *AZ3437*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ3437_6000*
LuminaireName: *Solvent R60 Remote CCT*
LuminaireNumber: *AZ3437_6000*
FileName: *AZ3437_6000.ldt*
Date: *2024-08-13*

Dimensions of luminaire

Length: *600 mm*
Width: *0 mm*
Height: *1000 mm*

Dimensions of luminous area

Length: *595 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

Kapitał 200.000PLN

Type of lamps: *LED*
Total luminous flux: *2738,26 lm*
Color temperatur: *6163 K*
Color rendering index: *83,63*
Wattage including ballast: *36,64 W*

Utilization factors:

k = 0.60	<i>0,235</i>
k = 0.80	<i>0,309</i>
k = 1.00	<i>0,376</i>
k = 1.25	<i>0,446</i>
k = 1.50	<i>0,502</i>
k = 2.00	<i>0,591</i>
k = 2.50	<i>0,646</i>
k = 3.00	<i>0,689</i>
k = 4.00	<i>0,749</i>
k = 5.00	<i>0,789</i>

Electrical parameters

<i>U</i>	<i>= 229,619 V</i>
<i>I</i>	<i>= 0,167 A</i>
<i>P</i>	<i>= 36,637 W</i>
<i>Power factor</i>	<i>= 0,956</i>

<i>Power apparent</i>	<i>= 38,322 VA</i>
<i>Power Reactive</i>	<i>= -11,236 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 6,487 %</i>

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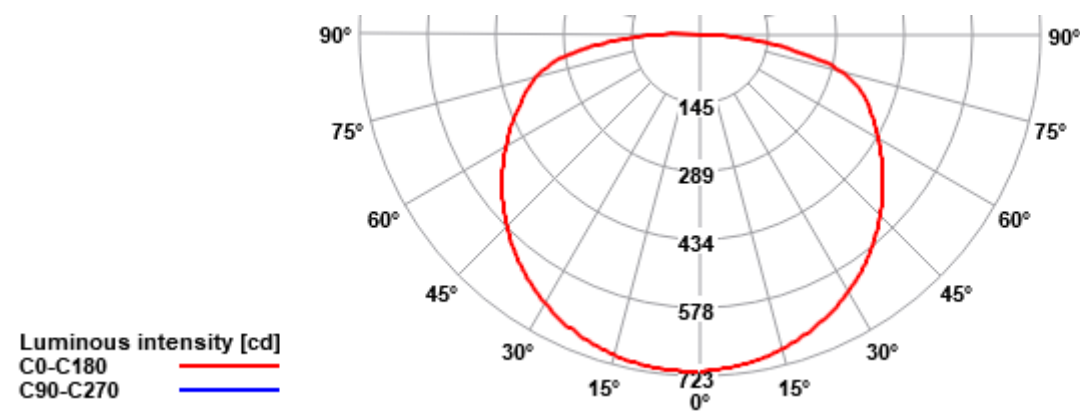
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	2738,26 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	717,30 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	74,73 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3187
y	0,3345
Angular Colour Uniformity	0,0015

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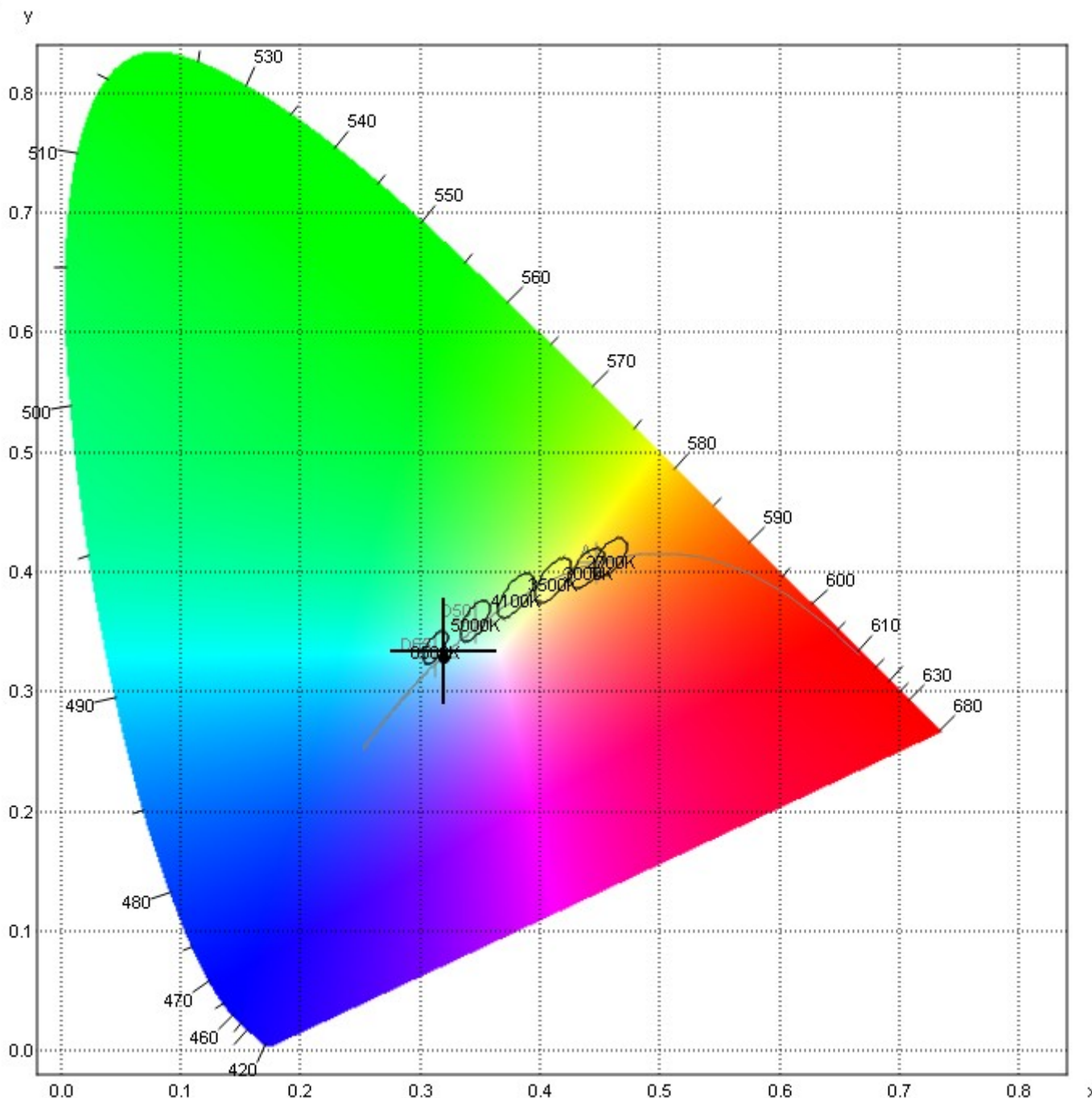
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Beam cone

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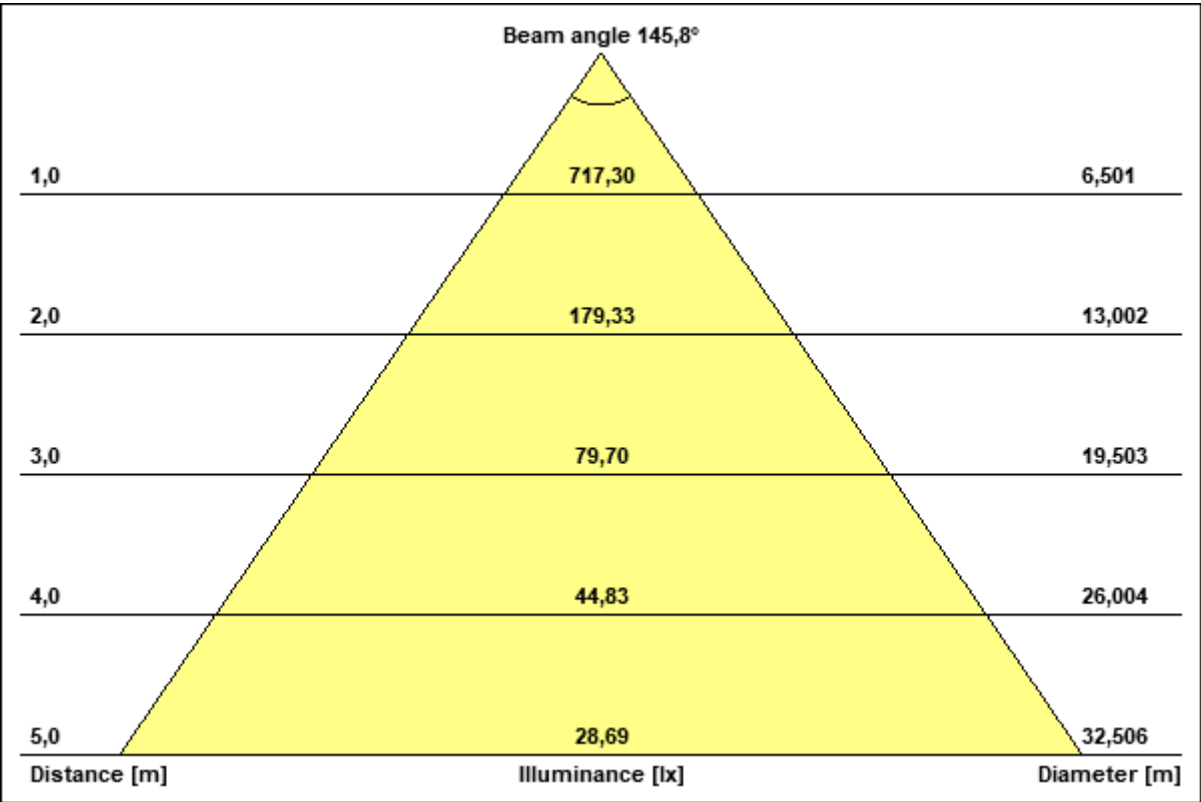
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Stabilization

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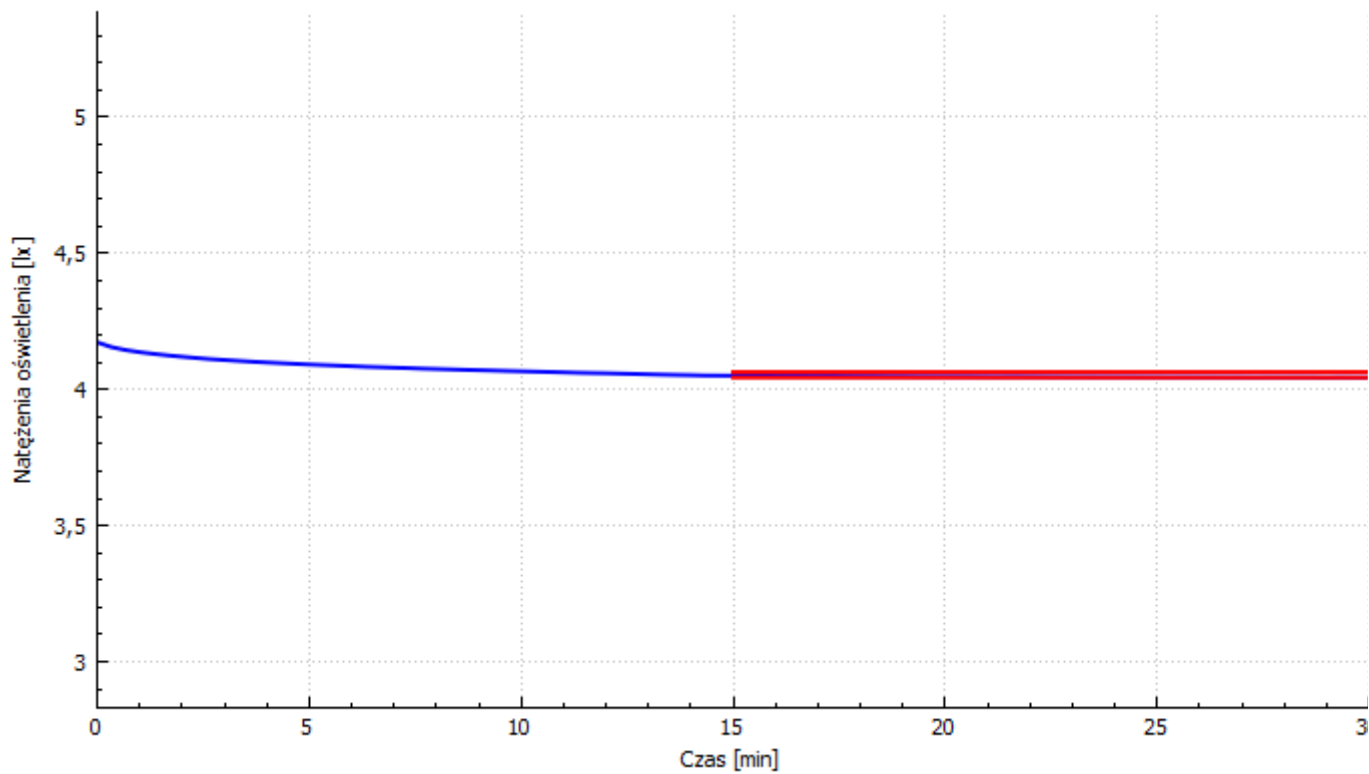
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3D Chart

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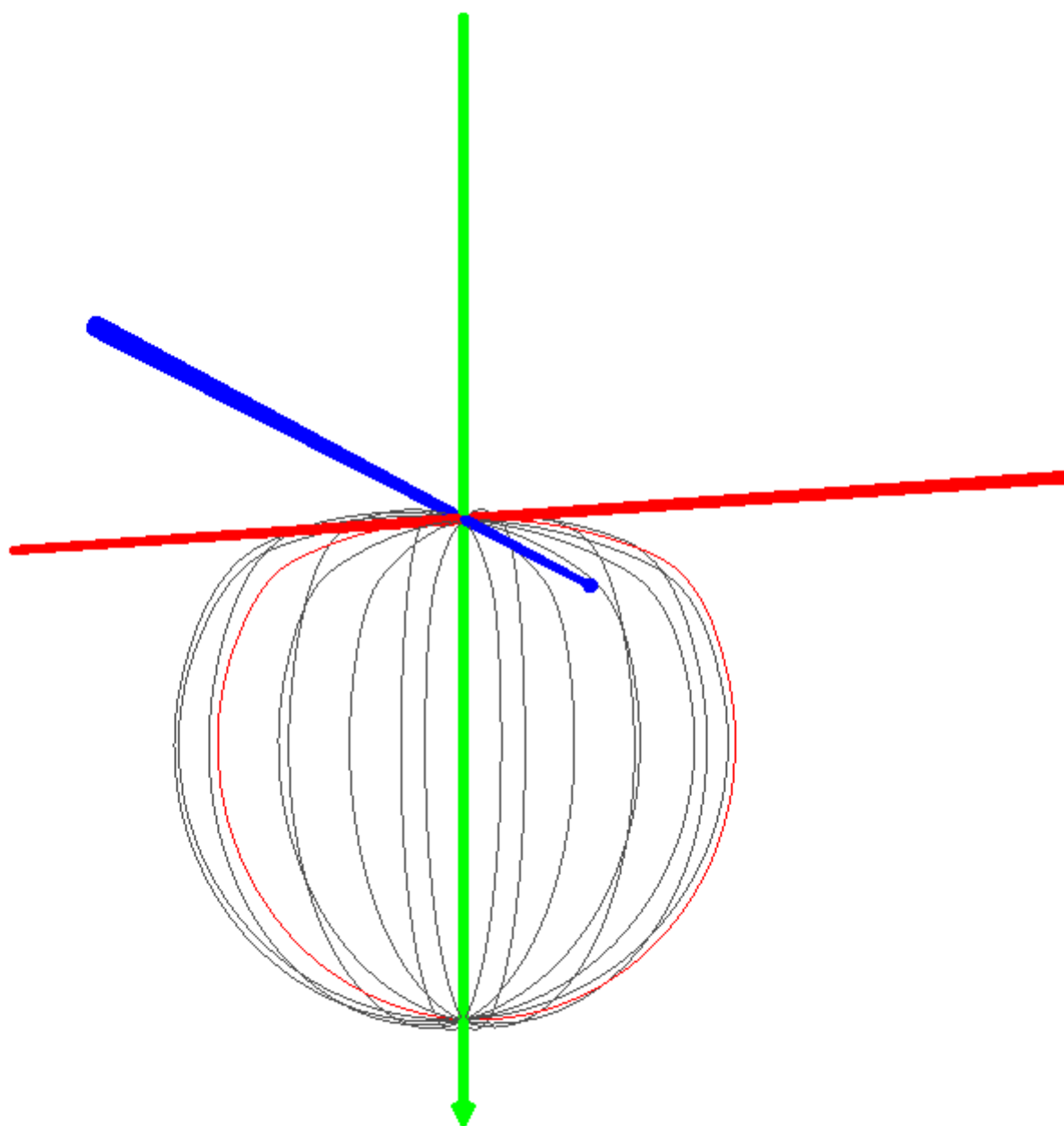
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

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			P(%f)
0	0,00364	0,0681	-4,16e-06
1	100,000	100,000	100,000
2	0,00655	0,185	-1,05e-05
3	0,00123	3,760	-0,000118
4	0,00237	0	3,58e-06
5	0,00735	2,317	-5,23e-05
6	0,00148	0,0842	-9,54e-07
7	0,00307	1,833	-1,03e-05
8	0,00146	0,124	2,55e-06
9	0,00112	2,141	-1,56e-05
10	0,00166	0,110	2,01e-07
11	0,00471	1,534	-4,07e-05
12	0,00155	0,148	1,46e-07
13	0,00428	1,691	-1,31e-05
14	0,000927	0,0782	0
15	0,00272	1,238	1,26e-05
16	0,00139	0,148	0
17	0,00236	1,180	2,44e-05
18	0	0,123	0
19	0,00269	1,234	2,17e-05
20	0	0,0969	0
21	0,00188	0,542	7,14e-06

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22	0	0,213	-2,55e-06
23	0,00341	0,839	-8,33e-06
24	0,00094	0,117	0
25	0,00189	0,793	-1,02e-05
26	0,00104	0,185	0
27	0,00194	0,146	-2,31e-07
28	0	0,162	0
29	0,00115	0,378	1,53e-06
30	0,00132	0,231	4,21e-06
31	0,00228	0,825	4,51e-06
32	0,00119	0,0869	-1,45e-06
33	0,00269	0,651	3,54e-06
34	0,000848	0,226	-2,84e-06
35	0,00234	0,602	2,09e-06
36	0,00149	0,240	1,78e-06
37	0,00116	0,172	1,2e-07
38	0,00104	0,114	0
39	0,00145	0,395	-6,79e-07
40	0,00118	0,0978	3,86e-07
41	0,000926	0,605	0
42	0	0,190	-1,08e-06
43	0,00163	0,296	-3,99e-07
44	0,00112	0,165	3,67e-06
45	0,0035	0,458	2,75e-06
46	0,00162	0,195	5,37e-07
47	0,00364	0,370	3,3e-06
48	0,00104	0,107	2,24e-06
49	0,00494	0,379	2,76e-06
50	0,00254	0,566	-2,42e-06

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