

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Massima 60 BK*

Item No: *AZ5255*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ5255*

LuminaireName: *Massima 60 BK*

LuminaireNumber: *AZ5255*

FileName: *AZ5255.Idt*

Date: *2024-08-22*

Dimensions of luminaire

Length: *600 mm*

Width: *80 mm*

Height: *1200 mm*

Dimensions of luminous area

Length: *600 mm*

Width: *80 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: *1333,26 lm*
Color temperatur: *2972 K*
Color rendering index: *81,87*
Wattage including ballast: *41,17 W*

Utilization factors:

k = 0.60	<i>0,173</i>
k = 0.80	<i>0,234</i>
k = 1.00	<i>0,291</i>
k = 1.25	<i>0,350</i>
k = 1.50	<i>0,400</i>
k = 2.00	<i>0,481</i>
k = 2.50	<i>0,535</i>
k = 3.00	<i>0,579</i>
k = 4.00	<i>0,643</i>
k = 5.00	<i>0,688</i>

Electrical parameters

<i>U</i>	<i>= 229,590 V</i>
<i>I</i>	<i>= 0,193 A</i>
<i>P</i>	<i>= 41,169 W</i>
<i>Power factor</i>	<i>= 0,931</i>

<i>Power apparent</i>	<i>= 44,188 VA</i>
<i>Power Reactive</i>	<i>= -16,088 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 21,660 %</i>

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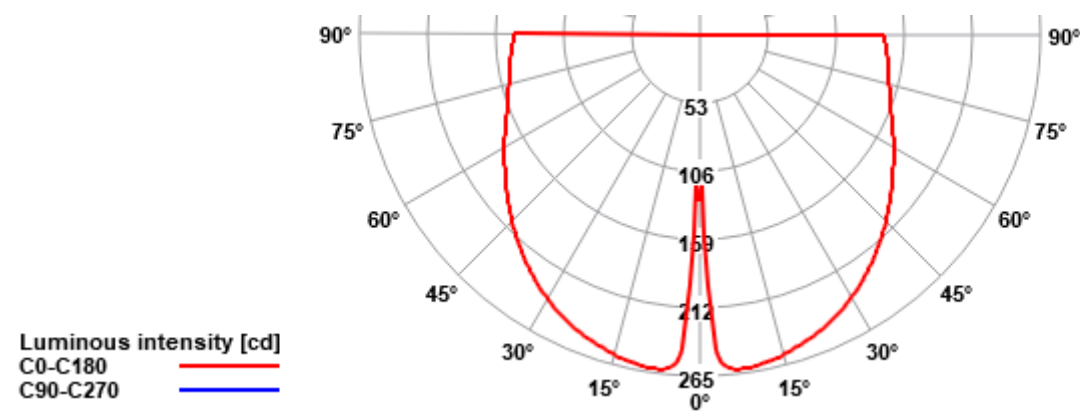
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1333,26 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	262,37 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	32,38 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4360
y	0,3987
Angular Colour Uniformity	0,0020

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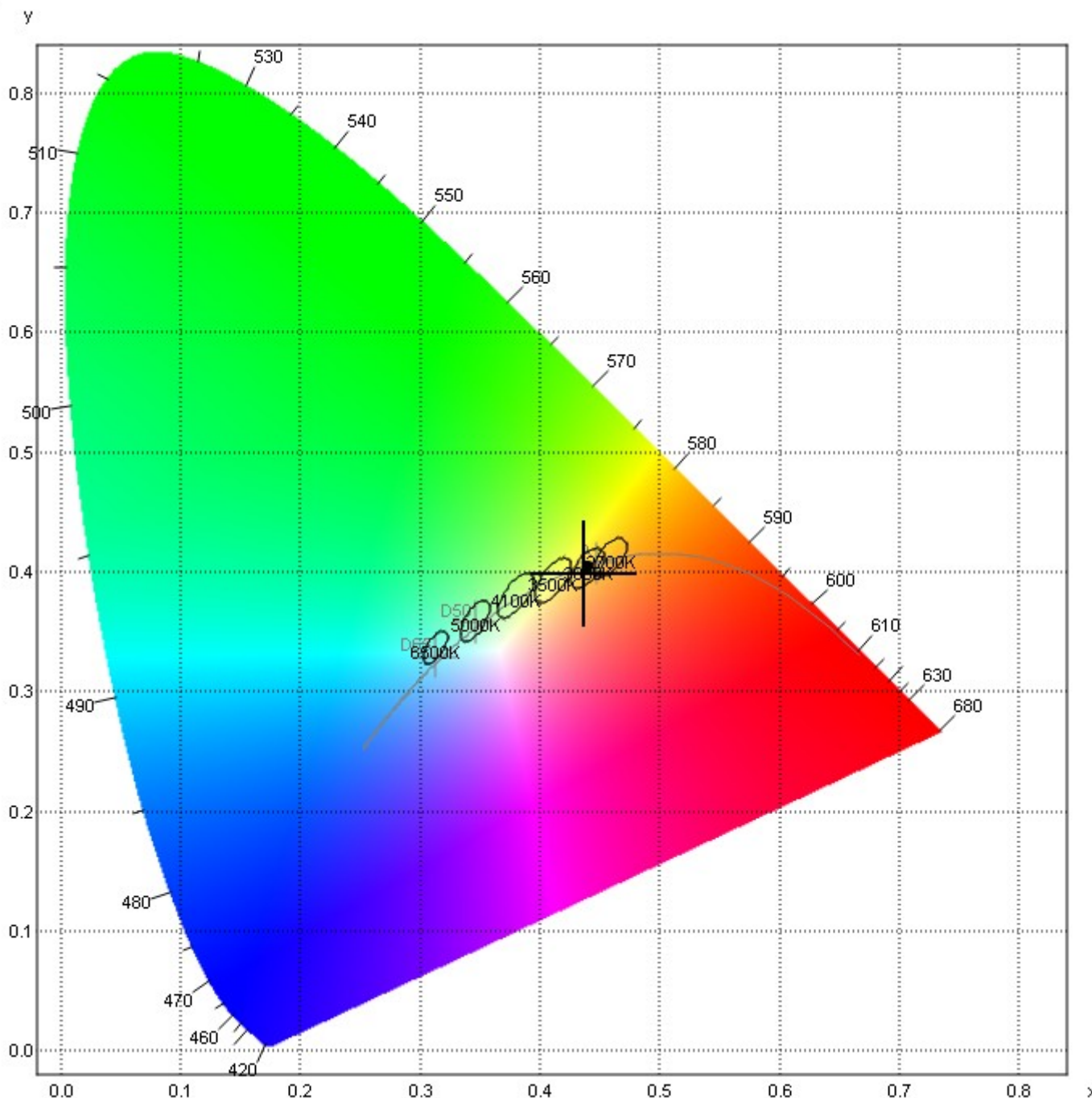
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Beam cone

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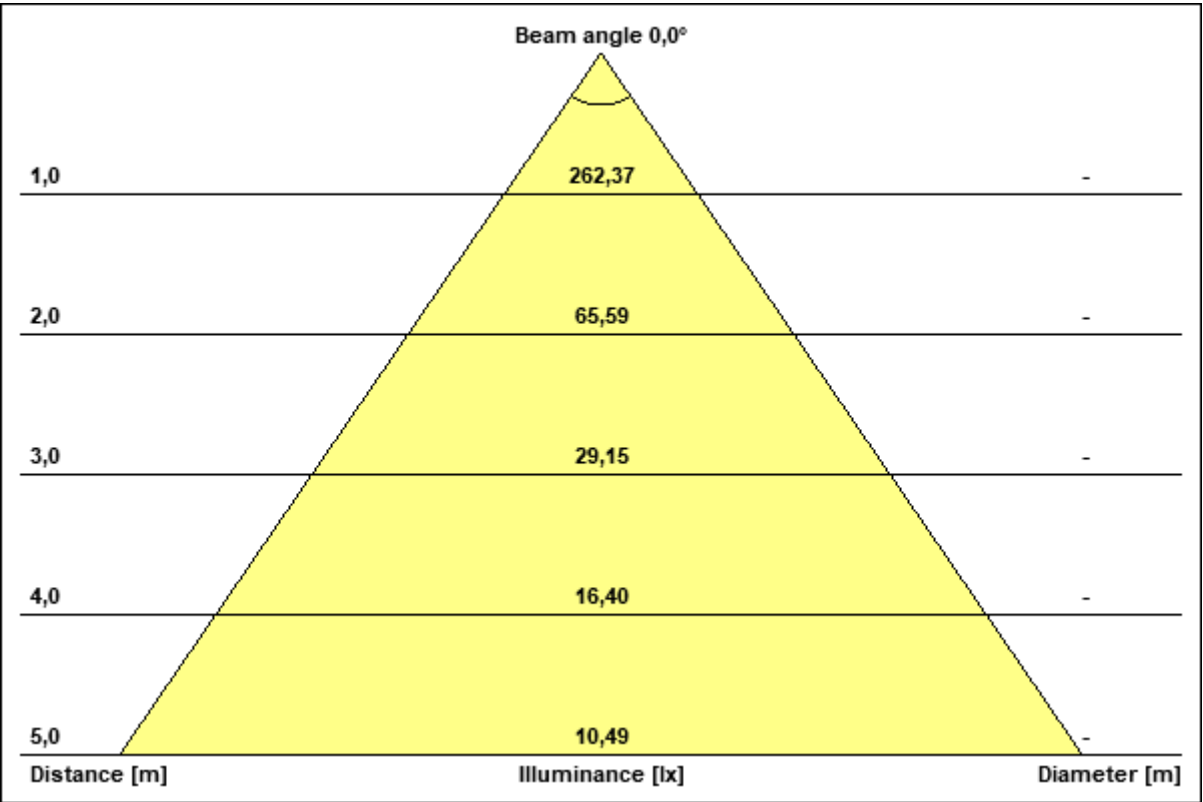
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Stabilization

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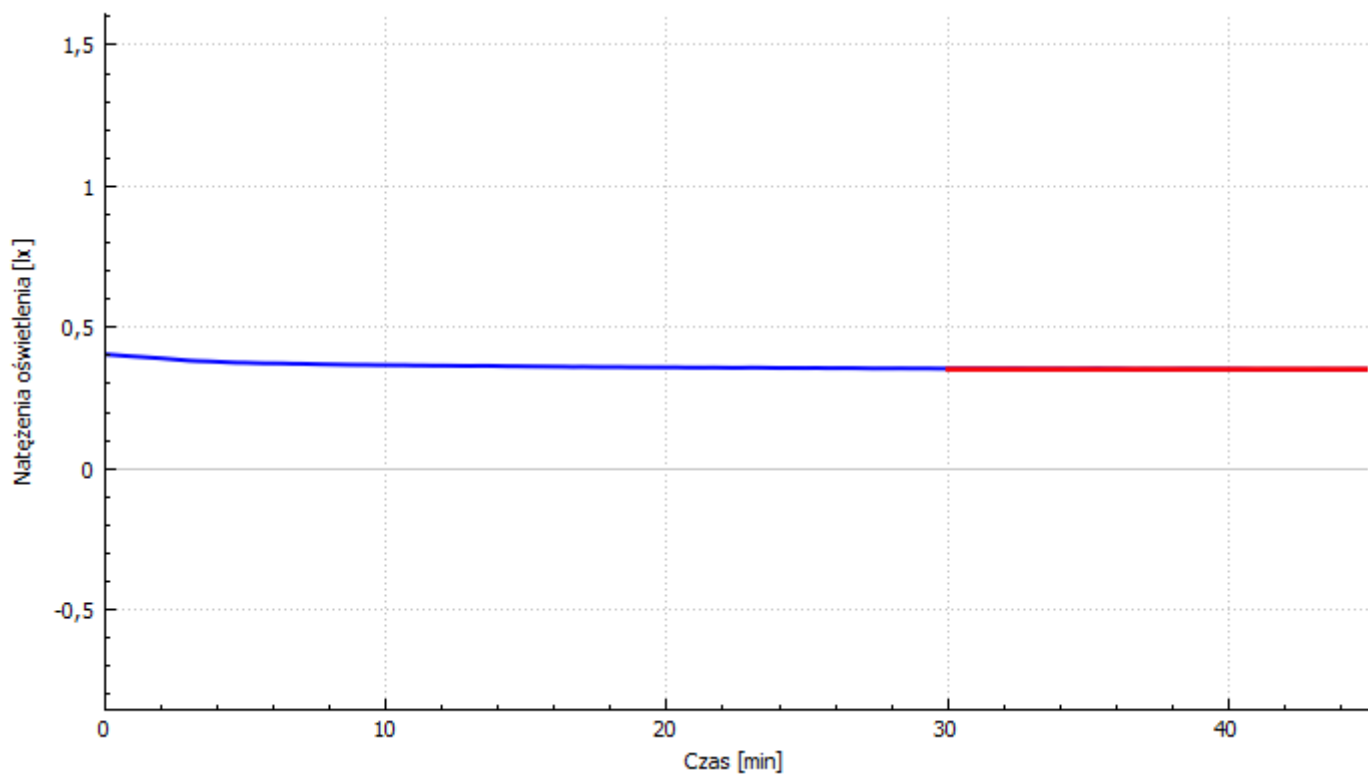
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3D Chart

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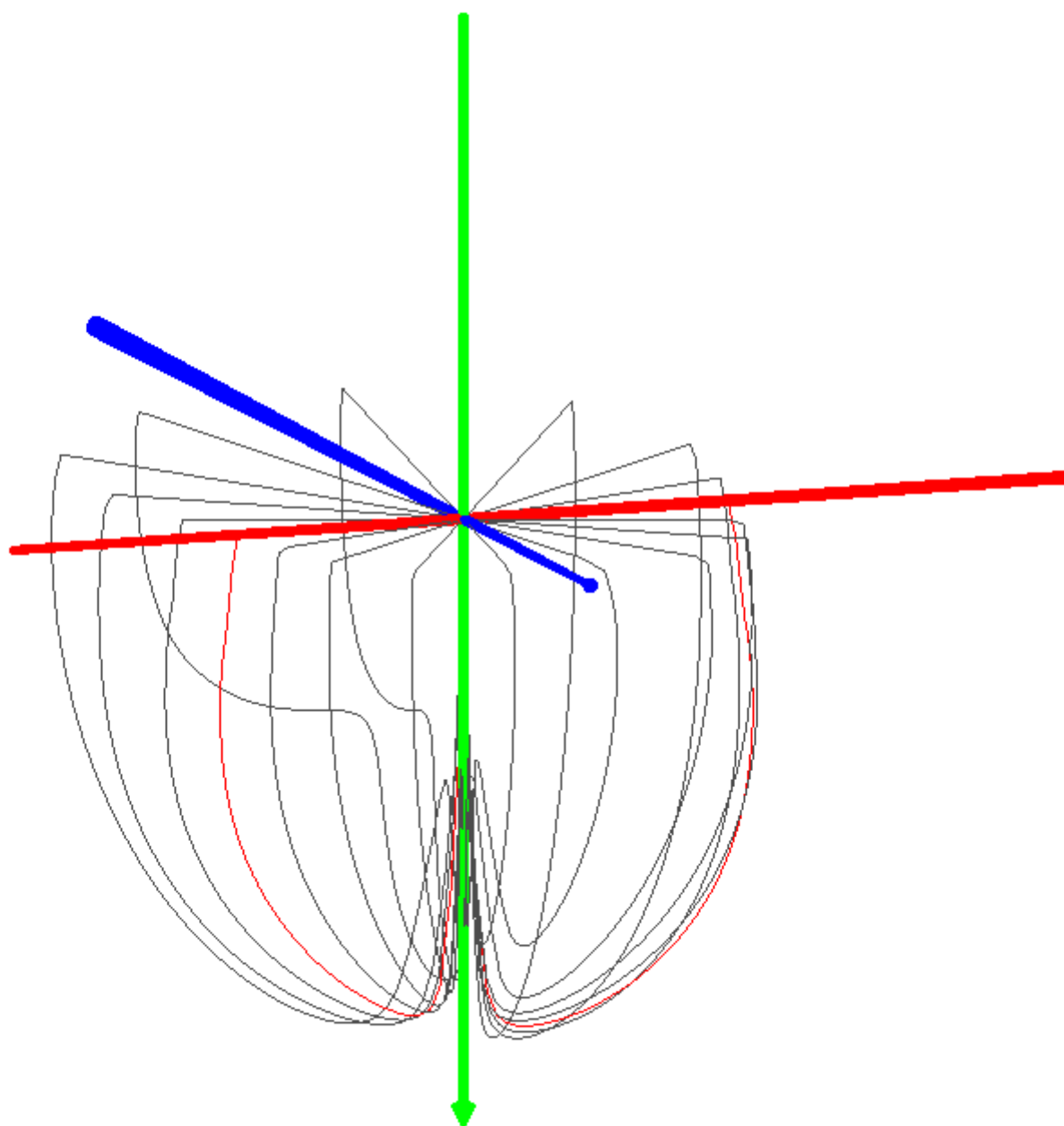
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

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			P(%f)
0	0,00256	0,138	0
1	100,000	100,000	100,000
2	0,00417	0,222	-1,7e-05
3	0,0218	14,693	0,0033
4	0,00174	0,287	2,25e-06
5	0,00345	2,772	-5,57e-05
6	0,00136	0,393	1,06e-06
7	0,00179	2,628	1,83e-05
8	0	0,176	0
9	0,00558	3,275	8,68e-05
10	0	0,157	2,02e-07
11	0,00493	0,798	-1,6e-05
12	0	0,270	0
13	0,0036	1,730	1,45e-05
14	0	0,174	4,13e-07
15	0,00314	1,652	6,22e-05
16	0	0,332	0
17	0,00129	0,499	-8,19e-06
18	0	0,242	1,79e-07
19	0,00197	1,128	1,07e-06
20	0	0,319	-9,81e-09
21	0,00381	1,189	-9,34e-07

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22	0	0,124	0
23	0,00591	1,070	4,63e-05
24	0,00132	0,205	-2,26e-07
25	0,00288	0,832	2,82e-05
26	0,00114	0,189	1,43e-06
27	0,00175	0,489	2,06e-06
28	0	0,0809	-1,52e-07
29	0,00196	0,258	-2,97e-07
30	0,000915	0,223	1,77e-06
31	0,00268	0,517	0
32	0,00134	0,134	2,6e-06
33	0,00238	0,865	-4,35e-07
34	0	0,321	9,55e-07
35	0,00288	0,285	2,99e-06
36	0,00117	0,426	1,78e-06
37	0,00391	0,539	2,97e-05
38	0,00172	0,221	9,66e-07
39	0,00405	0,765	3,58e-05
40	0,00197	0,274	1,63e-06
41	0,00289	0,313	-3,21e-06
42	0,00121	0,458	5,03e-06
43	0,00343	1,002	1,87e-06
44	0,00174	0,315	1,2e-07
45	0,00333	0,385	4,29e-06
46	0,00249	0,231	3,44e-06
47	0,0026	0,500	9,62e-06
48	0,00112	0,124	2,22e-06
49	0,00639	1,149	3,05e-05
50	0,00167	0,432	-2,08e-06

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