

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*

Model name: *HELENA B*

Item No: *AZ3342*

Serial No.:

Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *1*

LuminaireName: *Helena B*

LuminaireNumber: *AZ3342*

FileName: *AZ3342.Idt*

Date: *2020-09-29*

Dimensions of luminaire

Length: *270 mm*

Width: *0 mm*

Height: *400 mm*

Dimensions of luminous area

Length: *130 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
Type of lamps: LED
Total luminous flux: 418,54 lm
Color temperatur: 2658.19 K
Color rendering index: 80,31
Wattage including ballast: 12,53 W

Utilization factors:

k = 0.60	0,318
k = 0.80	0,392
k = 1.00	0,459
k = 1.25	0,524
k = 1.50	0,575
k = 2.00	0,655
k = 2.50	0,700
k = 3.00	0,735
k = 4.00	0,785
k = 5.00	0,818

Electrical parameters

U = 229,615 V
 I = 0,132 A
 P = 12,526 W
Power factor = 0,414

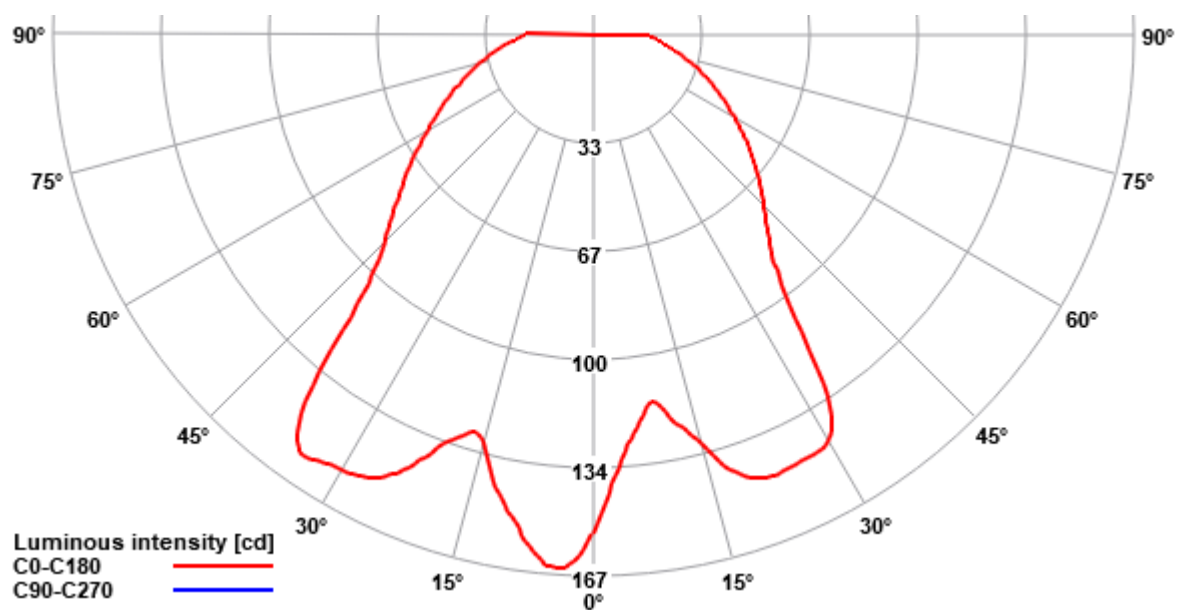
Power apparent = 30,262 VA
Power Reactive = -27,553 var
Frequency Voltage = 50,002 Hz
THD = 21,649 %

Temperature = 22 C

Goniometric measurement results

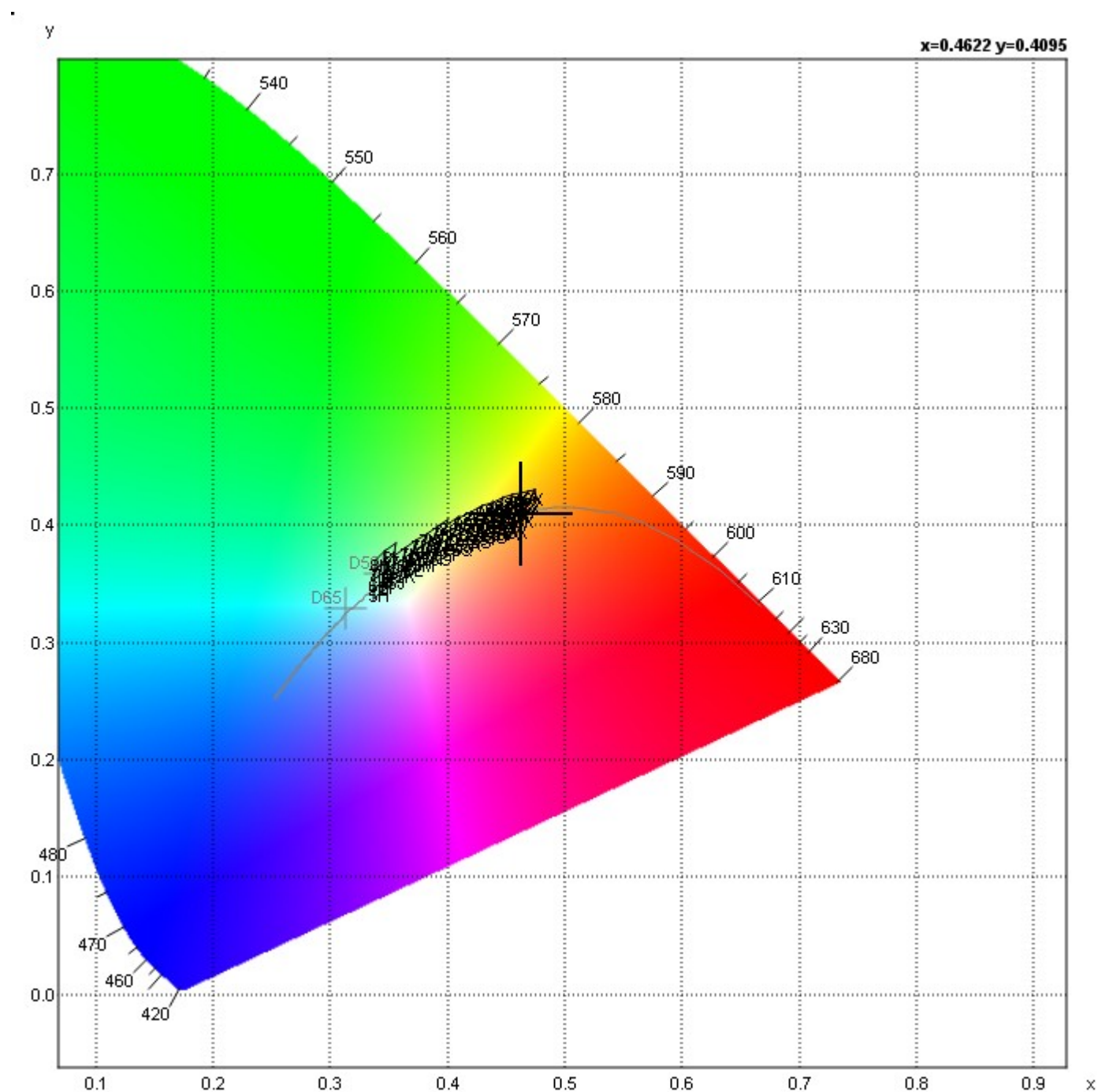
Total flux (utilized luminarie flux)	<i>418,54 lm</i>
Flux in lower hemisphere	<i>100,00 %</i>
Flux in upper hemisphere	<i>0,00 %</i>
Maximum luminous intensity	<i>165,42 cd</i>
Light output ratio (LOR)	<i>100,00 %</i>
Luminous efficacy	<i>33,40 lm/W</i>

Light intensity distribution diagram



CIE 1931 diagram

x 0,4622
y 0,4095
Angular Colour Uniformity 0,0019



GL Optic R&D Center Sp. z o.o.

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Raiffeisen Bank Polska S.A.

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 200.000 PLN

Beam cone

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Stabilization

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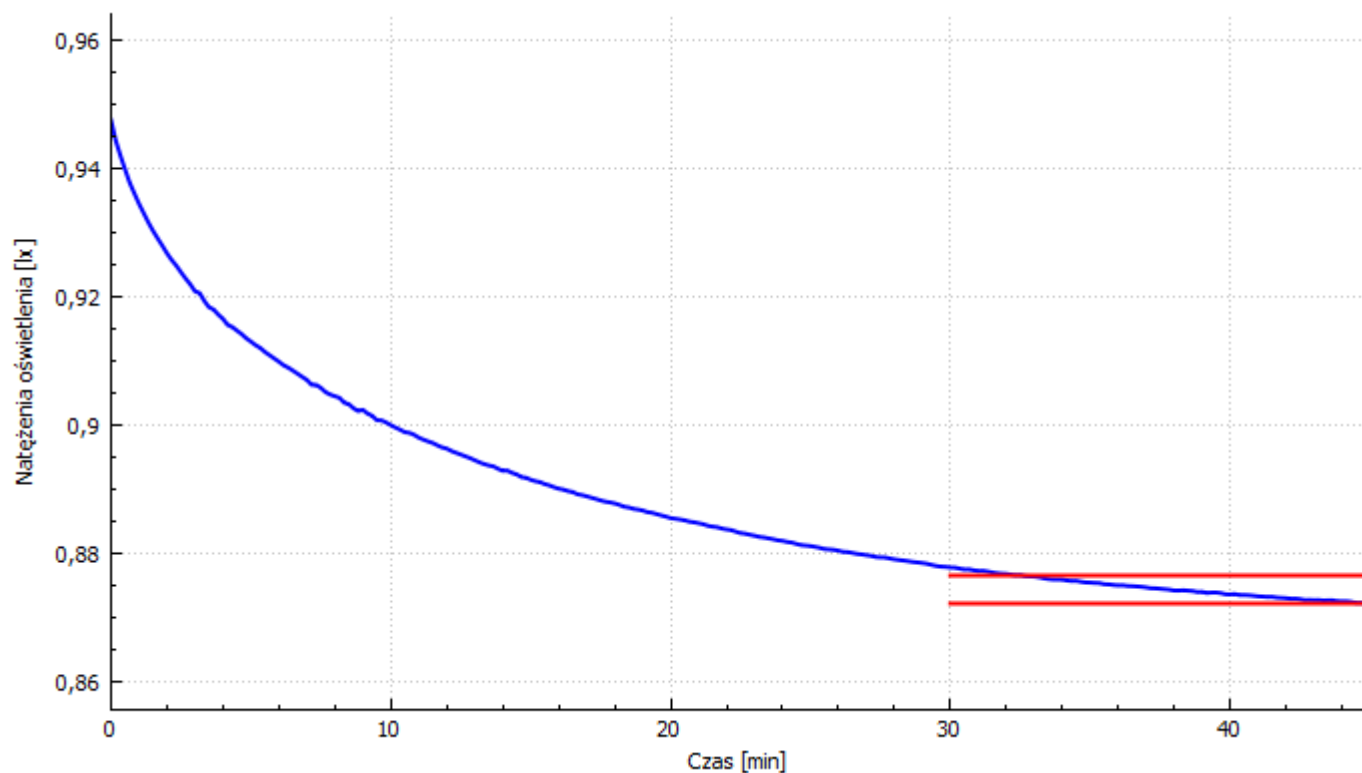
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3D Chart

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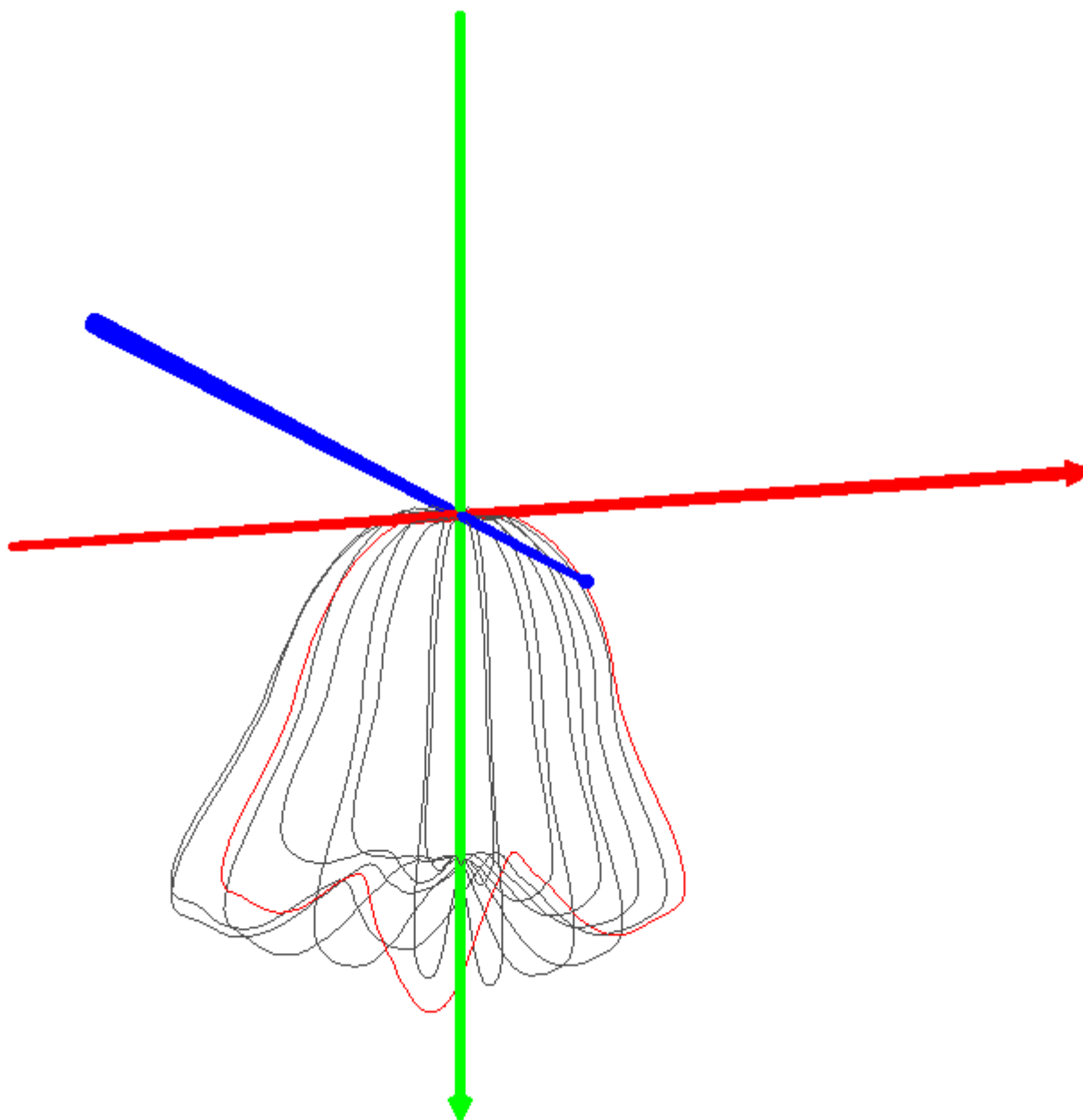
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Legend

- - C0-C180
- - C90-C270
- - G0-G180

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0,00123	0	0
1	100,000	100,000	100,000
2	0,00419	0	0
3	0,00337	19,708	0,000553
4	0,00248	0	0
5	0,00861	7,703	0,000682
6	0,00084	0	0
7	0,0051	3,663	0,000176
8	0	0	0
9	0,00245	1,938	3,17e-05
10	0	0	0
11	0,00215	1,159	-1,77e-05
12	0	0	0
13	0	0,817	0
14	0	0	0
15	0,00216	0,677	1,3e-05
16	0	0	0
17	0,00347	0,601	1,94e-05
18	0	0	0
19	0,00226	0,531	9,41e-06
20	0	0	0
21	0,00305	0,444	1,17e-05
22	0	0	0
23	0,00118	0,333	-2,72e-06
24	0	0	0
25	0,00131	0,243	2,48e-06
26	0,00102	0	0
27	0,00176	0,173	2,89e-06
28	0,00108	0	0
29	0	0,135	0
30	0,000948	0	0
31	0,00161	0,127	1,81e-06
32	0,000948	0	0
33	0	0,134	0
34	0,0012	0	0
35	0,000989	0,150	1,25e-07
36	0,000967	0	0
37	0,00107	0,172	9,81e-07
38	0,0012	0	0
39	0	0,185	0
40	0,0013	0	0
41	0,00117	0,185	2,66e-06
42	0,0014	0	0

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43	0	0,160	0
44	0,00114	0	0
45	0,0015	0,132	-1,18e-06
46	0,00147	0	0
47	0,00163	0,123	-1,85e-06
48	0,00141	0	0
49	0,00172	0,123	-1,85e-06
50	0,00108	0	0