

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting Company*
Model name: *PETER 120 4000 CHROME*
Item No: *AZ2090*
Serial No.:
Made by: *Adam Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *1*
LuminaireName: *Peter 120 4000K*
LuminaireNumber: *AZ2090*
FileName: *AZ2090.Idt*
Date: *2021-05-13*

Dimensions of luminaire

Length: *1200 mm*
Width: *50 mm*
Height: *70 mm*

Dimensions of luminous area

Length: *1198 mm*
Width: *50 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: 1617,53 lm
Color temperatur: 4070.09 K
Color rendering index: 82,37
Wattage including ballast: 23,41 W

Utilization factors:

k = 0.60	0,224
k = 0.80	0,297
k = 1.00	0,363
k = 1.25	0,431
k = 1.50	0,485
k = 2.00	0,571
k = 2.50	0,624
k = 3.00	0,666
k = 4.00	0,725
k = 5.00	0,765

Electrical parameters

<i>U</i>	= 229,566 V
<i>I</i>	= 0,185 A
<i>P</i>	= 23,410 W
<i>Power factor</i>	= 0,551

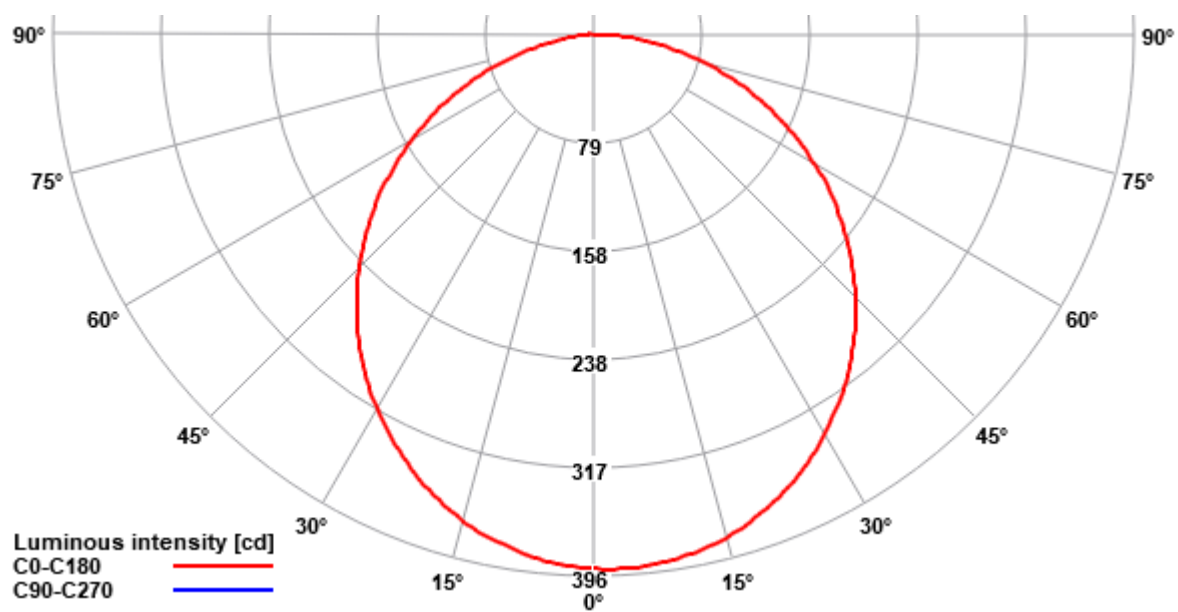
<i>Power apparent</i>	= 42,498 VA
<i>Power Reactive</i>	= -27,584 var
<i>Frequency Voltage</i>	= 50,002 Hz
<i>THD</i>	= 0,000 %

Temperature = 22 C

Goniometric measurement results

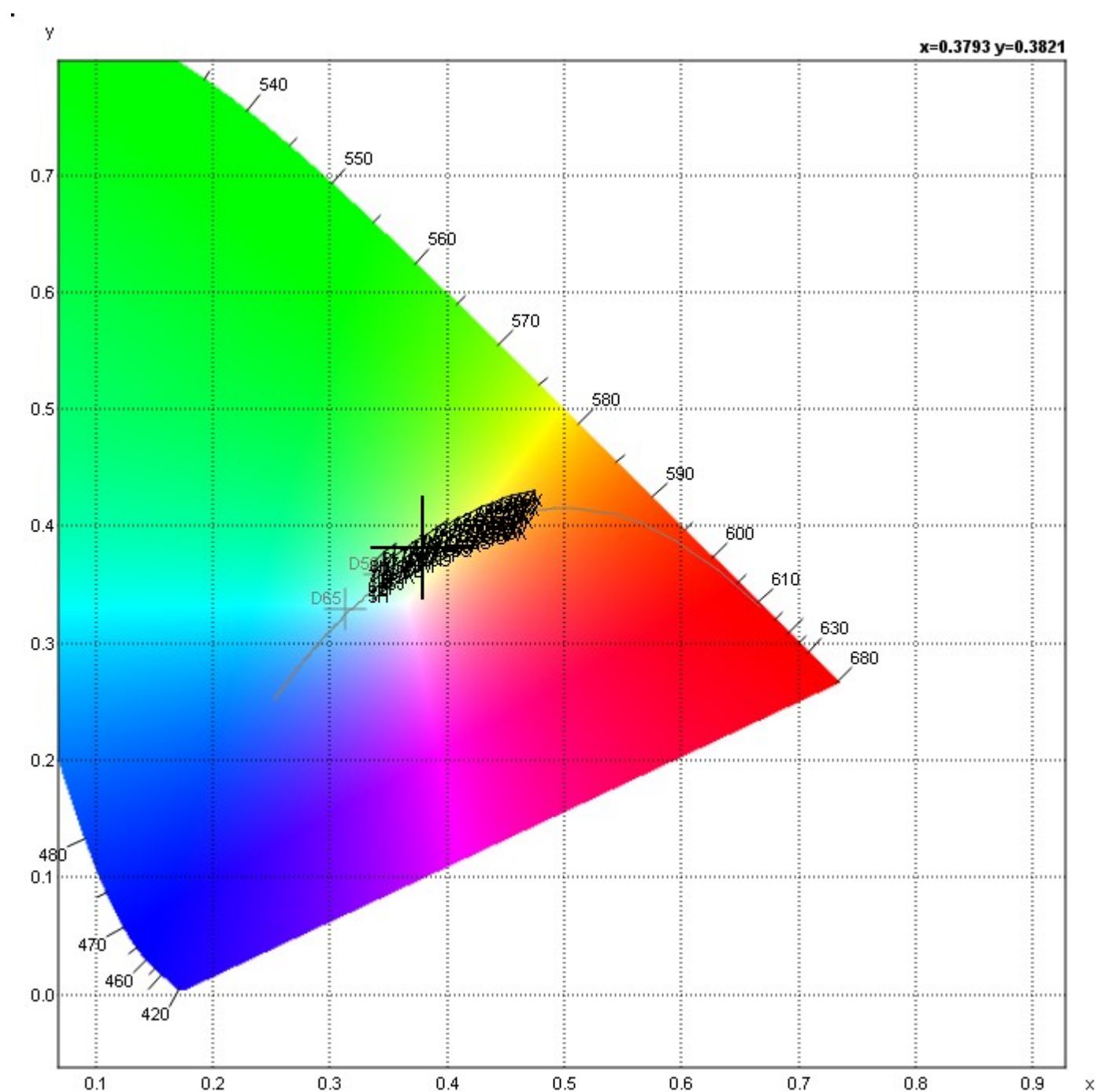
Total flux (utilized luminarie flux)	1617,53 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	411,84 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	69,10 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x 0,3793
y 0,3821
Angular Colour Uniformity 0,0011



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REGON 360317241

KRS: 0000537079

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Beam cone

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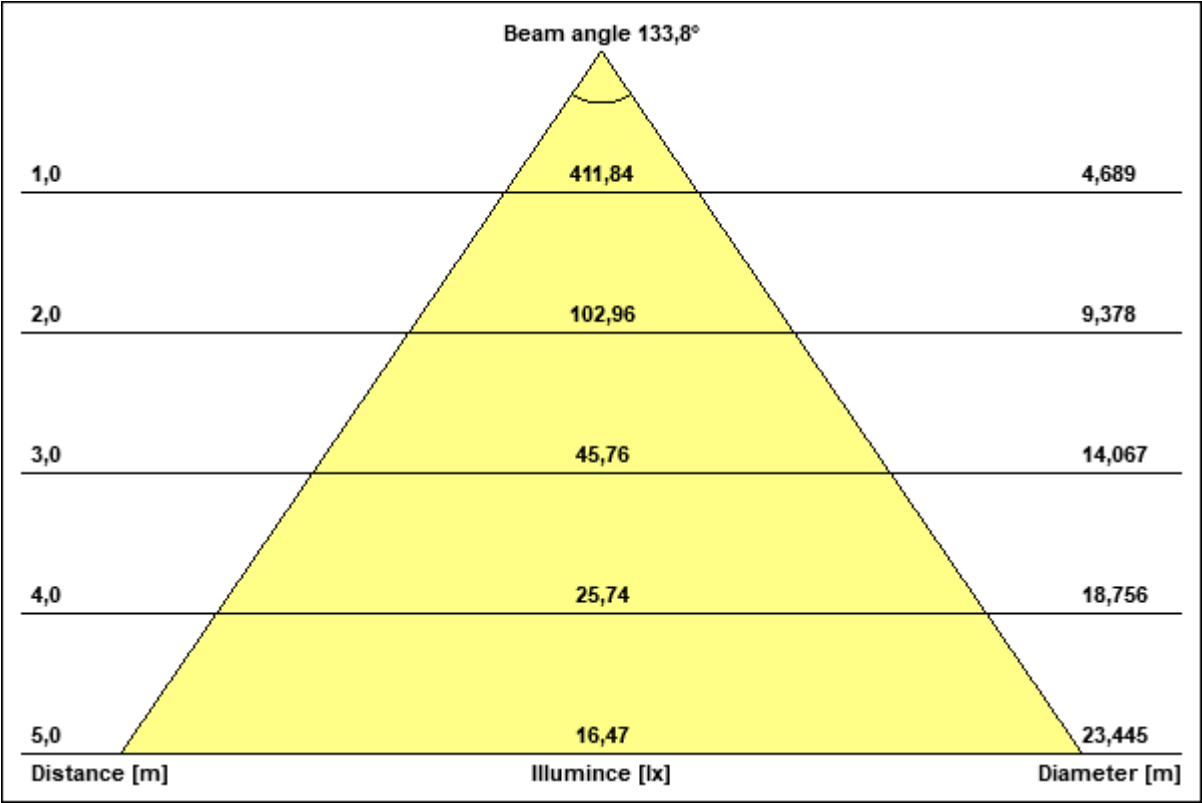
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Stabilization

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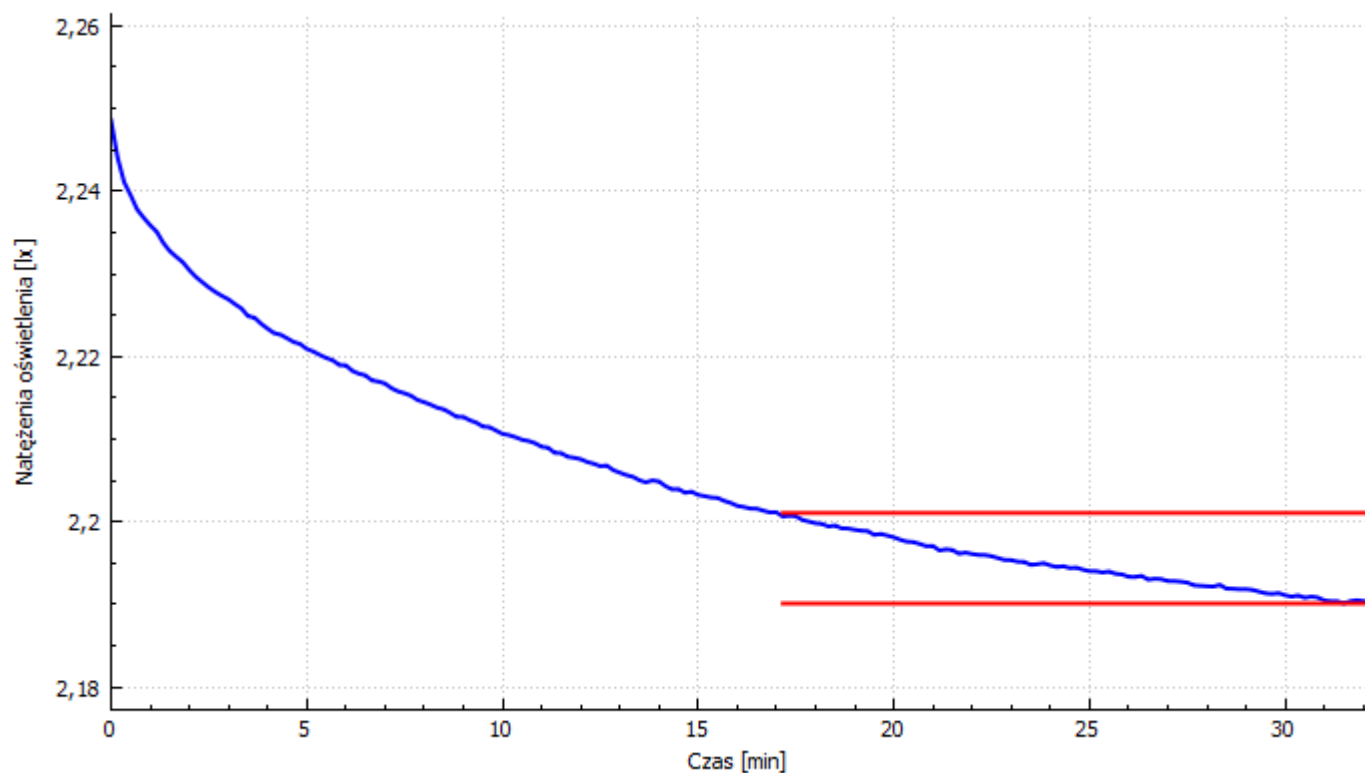
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3D Chart

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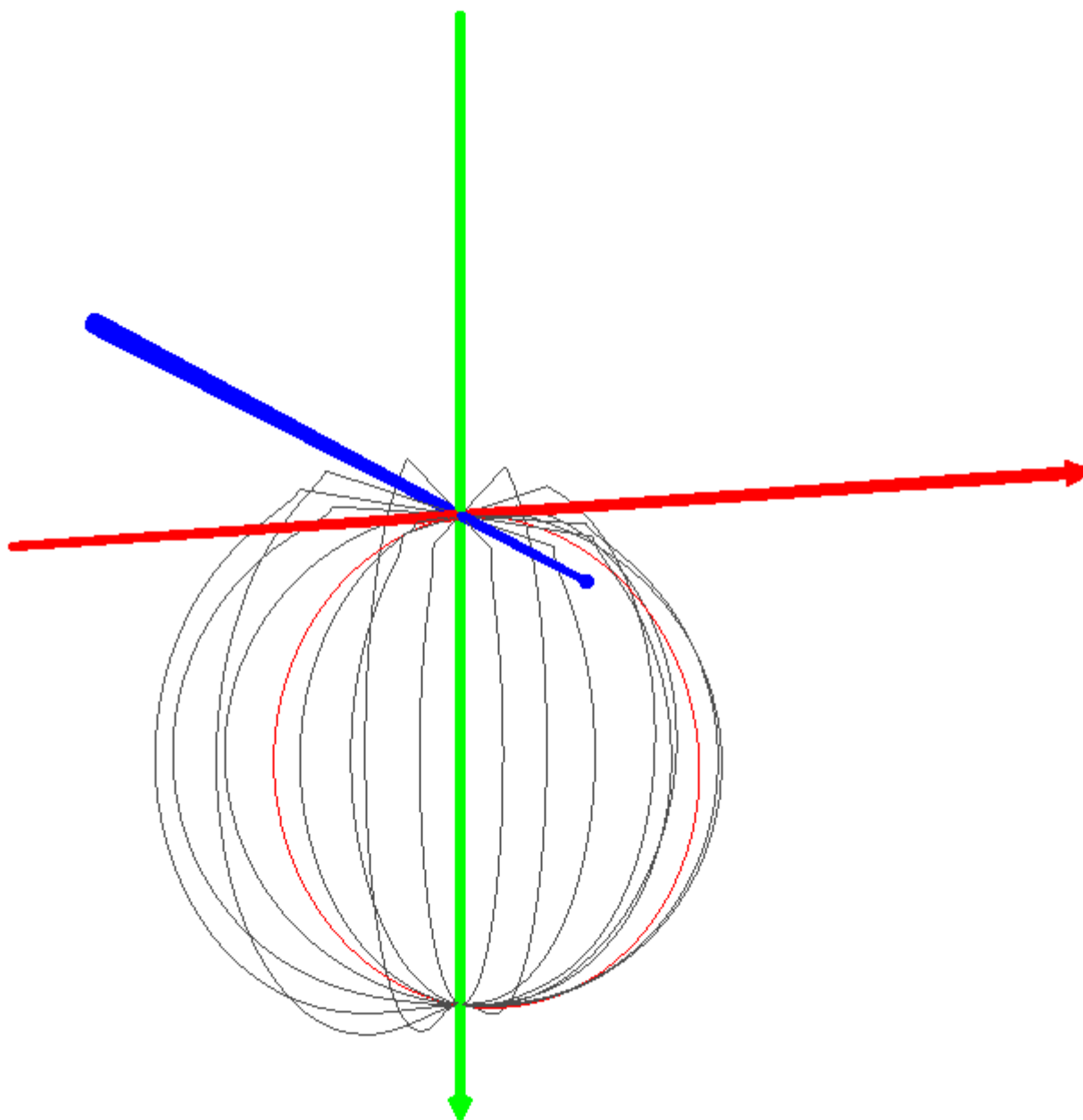
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Legend

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

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Extended electrical report

	U(%f)	I(%f)	P(%f)
0	0	0	0
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0

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43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	0	0	0

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