

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa Karry Smart*
Item No: *AZ4854*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ4854-6000K*
LuminaireName: *Alfa Kerry Track Smart*
LuminaireNumber: *AZ4854-6000K*
FileName: *AZ48546000K.Idt*
Date: *2024-06-10*

Dimensions of luminaire

Length: *60 mm*
Width: *0 mm*
Height: *1000 mm*

Dimensions of luminous area

Length: *45 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: *771,38 lm*
Color temperatur: *6595 K*
Color rendering index: *82,50*
Wattage including ballast: *12,41 W*

Utilization factors:

k = 0.60	<i>0,709</i>
k = 0.80	<i>0,754</i>
k = 1.00	<i>0,804</i>
k = 1.25	<i>0,840</i>
k = 1.50	<i>0,868</i>
k = 2.00	<i>0,920</i>
k = 2.50	<i>0,929</i>
k = 3.00	<i>0,942</i>
k = 4.00	<i>0,963</i>
k = 5.00	<i>0,977</i>

Electrical parameters

<i>U</i>	<i>= 229,714 V</i>
<i>I</i>	<i>= 0,192 A</i>
<i>P</i>	<i>= 12,409 W</i>
<i>Power factor</i>	<i>= 0,290</i>

<i>Power apparent</i>	<i>= 42,979 VA</i>
<i>Power Reactive</i>	<i>= -41,344 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 317,597 %</i>

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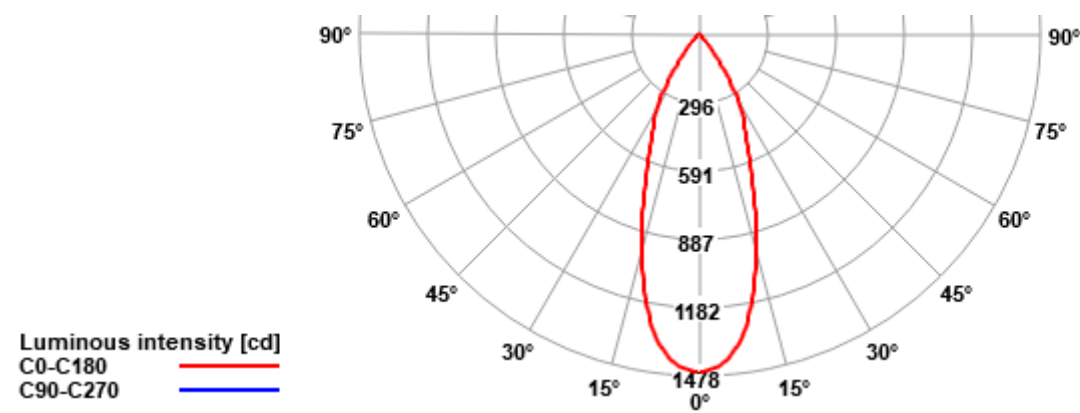
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	771,38 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1462,99 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	62,16 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3104
y	0,3335
Angular Colour Uniformity	0,0075

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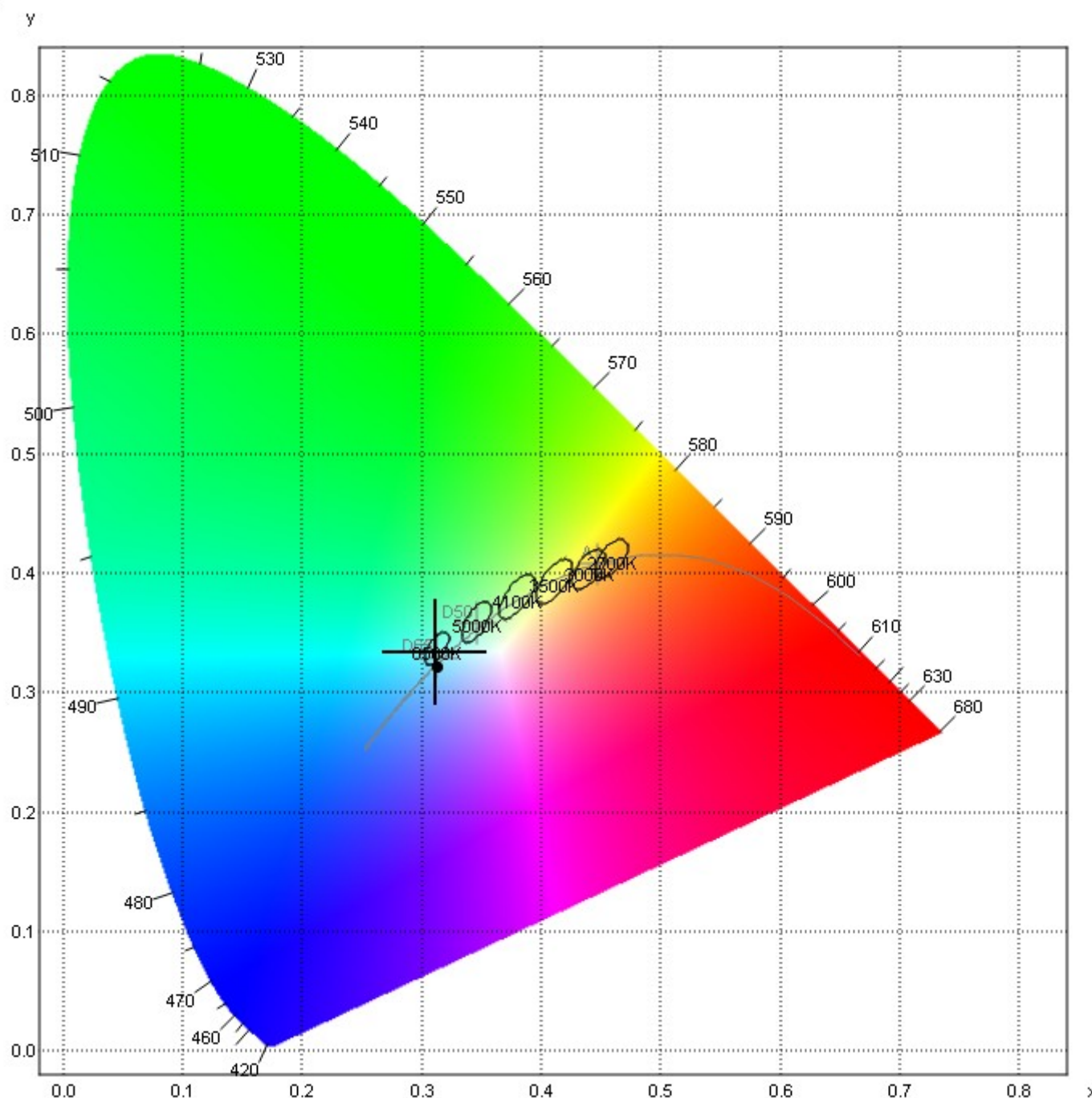
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Beam cone

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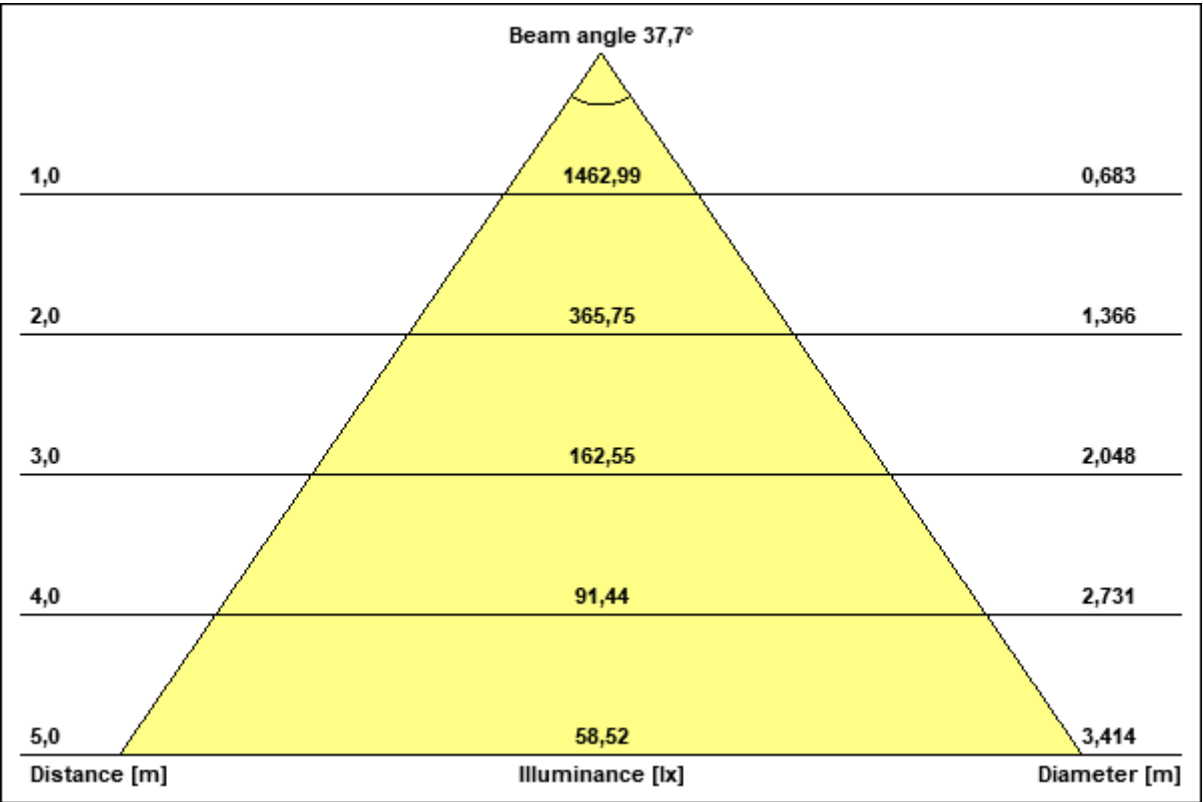
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Stabilization

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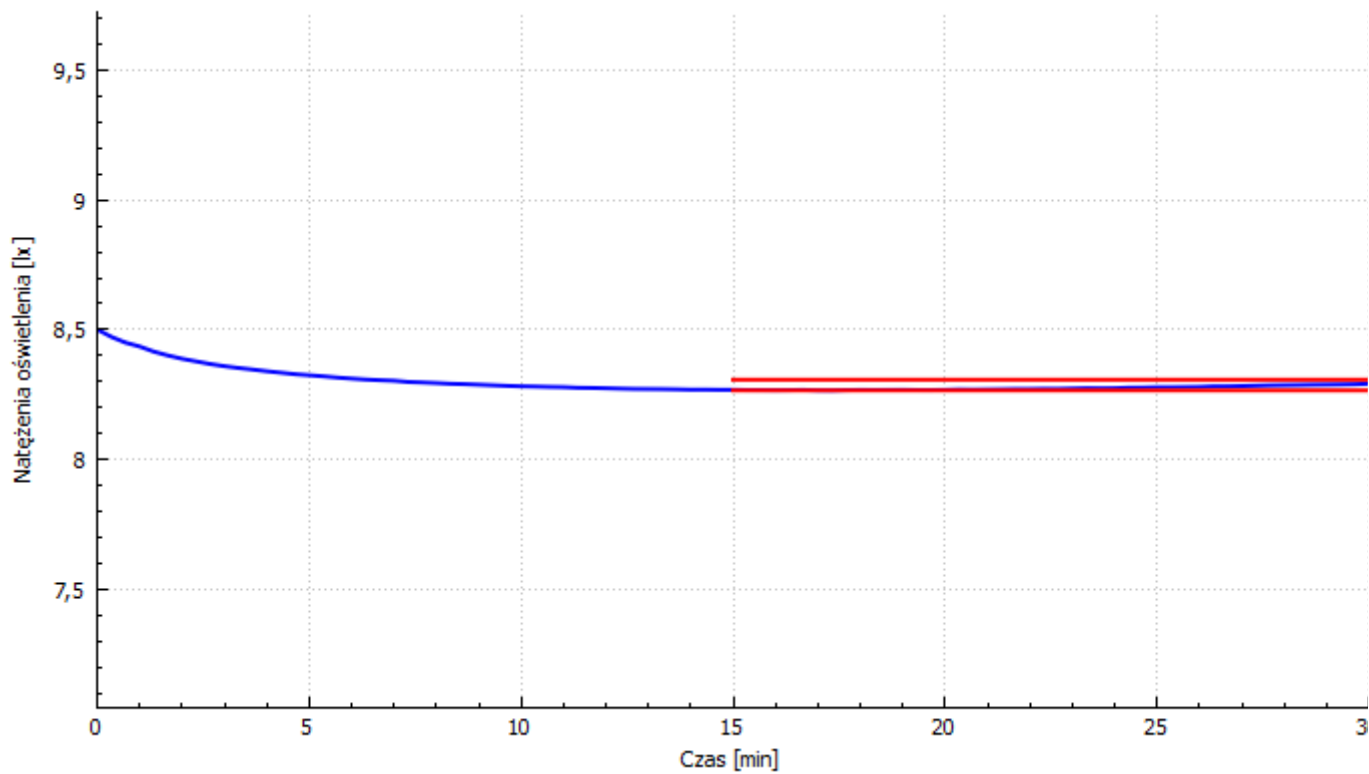
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3D Chart

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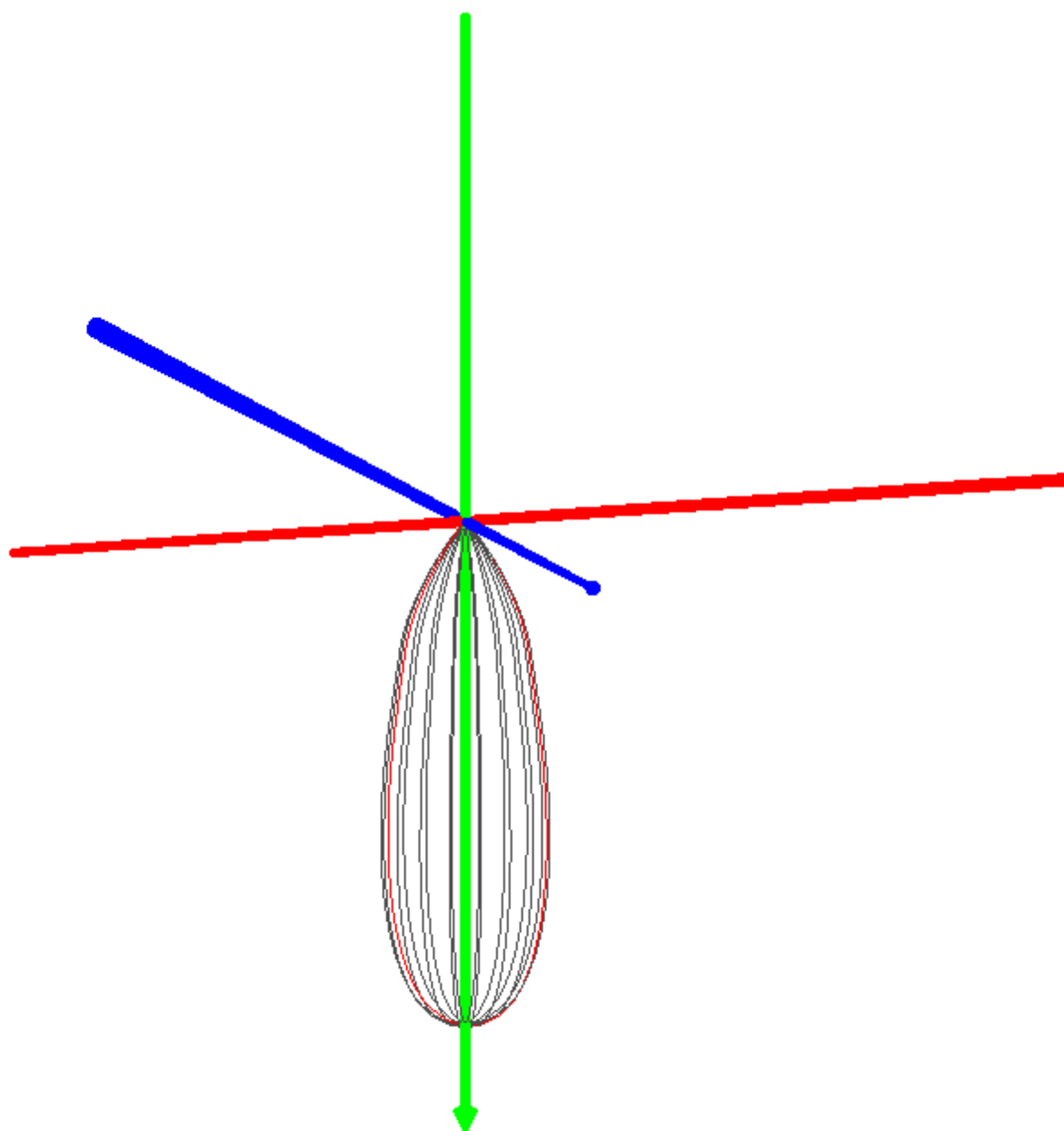
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Legend

- C0-C180

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- C90-C270

- G0-G180

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			P(%f)
0	0,0803	34,611	-0,00649
1	100,000	100,000	100,000
2	0,0174	47,613	0,00114
3	0,0563	94,968	0,059
4	0,0164	47,393	0,000902
5	0,0544	93,292	0,057
6	0,0165	47,030	0,000852
7	0,05	90,916	0,0482
8	0,0174	46,491	0,000841
9	0,0517	87,807	0,0474
10	0,0181	45,782	0,000876
11	0,0587	84,030	0,0477
12	0,0184	44,869	0,000935
13	0,0536	79,696	0,0394
14	0,0204	43,715	0,00101
15	0,0571	74,879	0,0364
16	0,0214	42,327	0,000928
17	0,0575	69,674	0,0336
18	0,022	40,711	0,000895
19	0,0561	64,175	0,028
20	0,0221	38,845	0,000861
21	0,0568	58,523	0,0247

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22	0,0224	36,754	0,000902
23	0,0572	52,800	0,0215
24	0,023	34,450	0,000949
25	0,0512	47,074	0,0164
26	0,0233	31,988	0,000885
27	0,0483	41,484	0,0132
28	0,0232	29,338	0,000731
29	0,0452	36,139	0,0106
30	0,0228	26,591	0,000569
31	0,0417	31,088	0,00806
32	0,0215	23,794	0,00047
33	0,0398	26,433	0,00651
34	0,0201	20,981	0,000452
35	0,0364	22,205	0,00466
36	0,0186	18,233	0,000354
37	0,0308	18,459	0,00309
38	0,0174	15,579	0,000274
39	0,0276	15,271	0,00236
40	0,0155	13,106	0,000208
41	0,0248	12,644	0,00164
42	0,0134	10,884	0,000146
43	0,02	10,565	0,00109
44	0,0117	8,964	0,000114
45	0,0168	9,006	0,000648
46	0,0102	7,436	8,78e-05
47	0,0167	7,969	0,000553
48	0,00877	6,345	8,06e-05
49	0,0138	7,209	0,000243
50	0,00858	5,712	5,74e-05

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