

meas. no. 02L1864
meas. date 12/4/2023
operator Lightlab.

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 0.869 A
power consumption 196.7 W
Leistungsfaktor 0.984

meas. lamps lum. flux [lm]
absolute measurement 17682.4 lm
luminous efficacy 90 lm/w

measurement results
flux of luminaire 17682.4 lm
classification / DIN A50
lower flux fraction 100.00 %
upper flux fraction 0.00 %
intensity maximum 10140.9 cd
in C-plane 340.0 °
at gamma 5.0 °
half value angle C0 : 49.2 °
C90 : 45.1 °
C270 : 40.9 °
tenth value angle C0 : 67.8 °
C90 : 67.6 °
C270 : 67.2 °

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux 17682 lm
LOR
100 %
tilt angle 0.0 °

dimensions of luminaire
length 0 mm
width 0 mm
height 0 mm

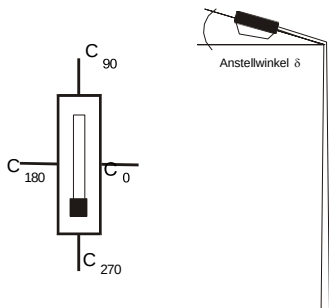
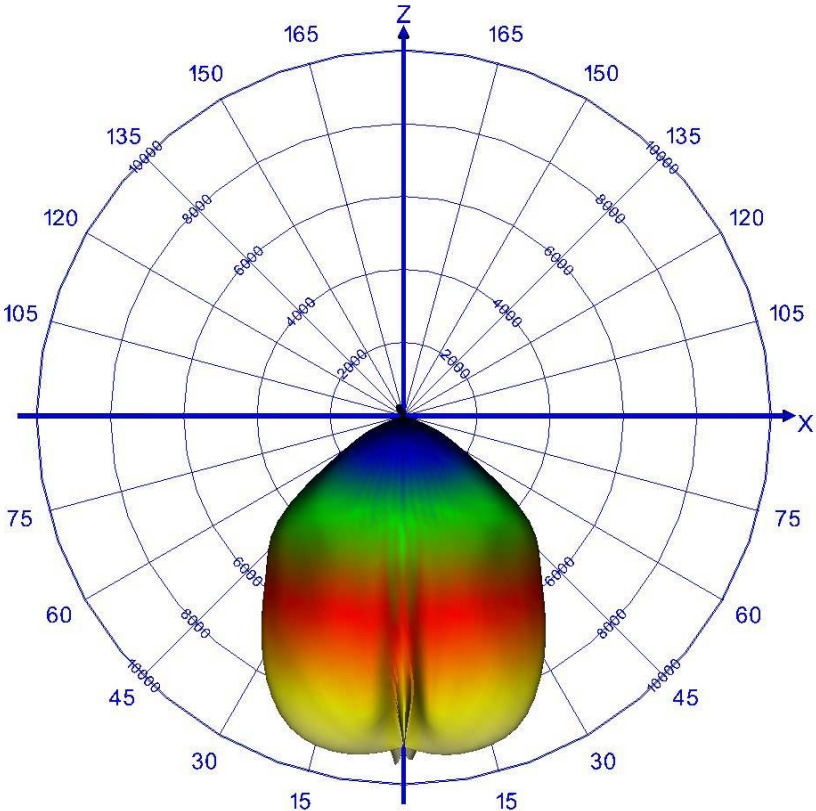
dimensions of luminous area
length 0 mm
width 0 mm
height C0 0 mm
height C90 0 mm
height C180 0 mm
height C270 0 mm

reflector

cover

variant

remarks

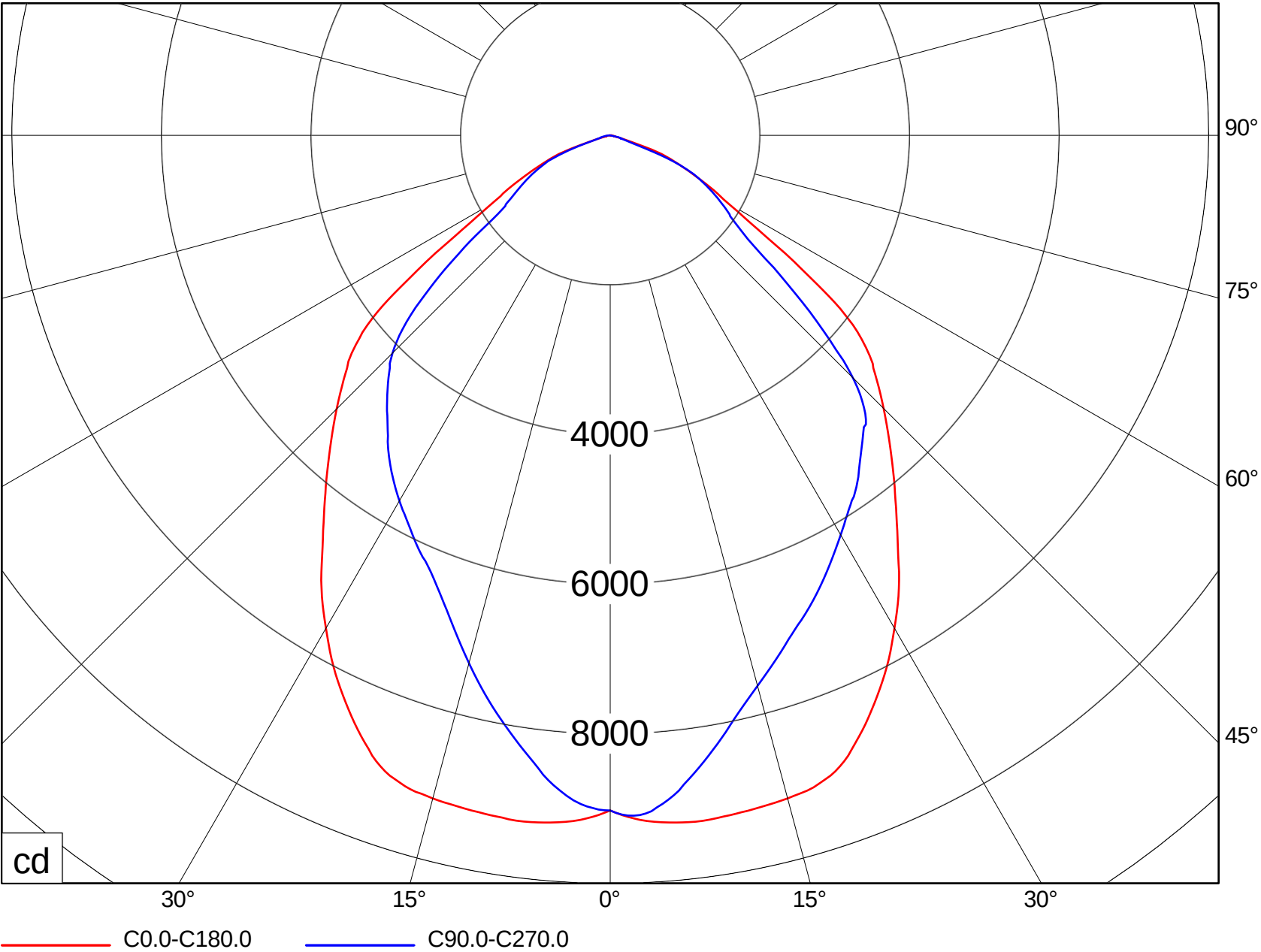
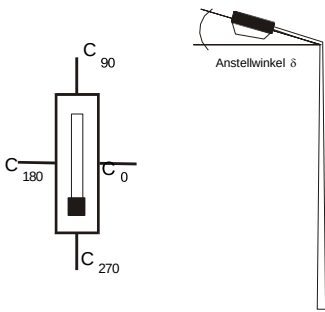


article code

Azar Teyf Co.

lamp(s)

1 x LED
total flux
17682 lm
LOR
100 %
tilt angle
0.0 °

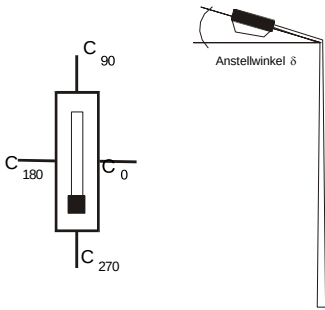


distance [m]	cone diameter [m]	E [lx]	
1.0	2.32	E(0°) E(C0) 49.2°	9026 3022
2.0	4.63	E(0°) E(C0) 49.2°	2256 755
3.0	6.95	E(0°) E(C0) 49.2°	1003 336
4.0	9.27	E(0°) E(C0) 49.2°	564 189
5.0	11.59	E(0°) E(C0) 49.2°	361 121

half value angle 98.4°

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LOR
100 %
tilt angle
0.0 °

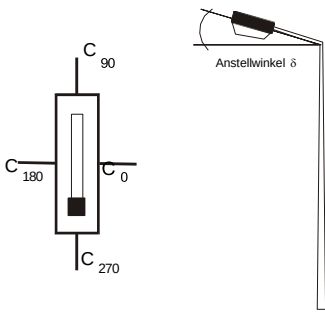
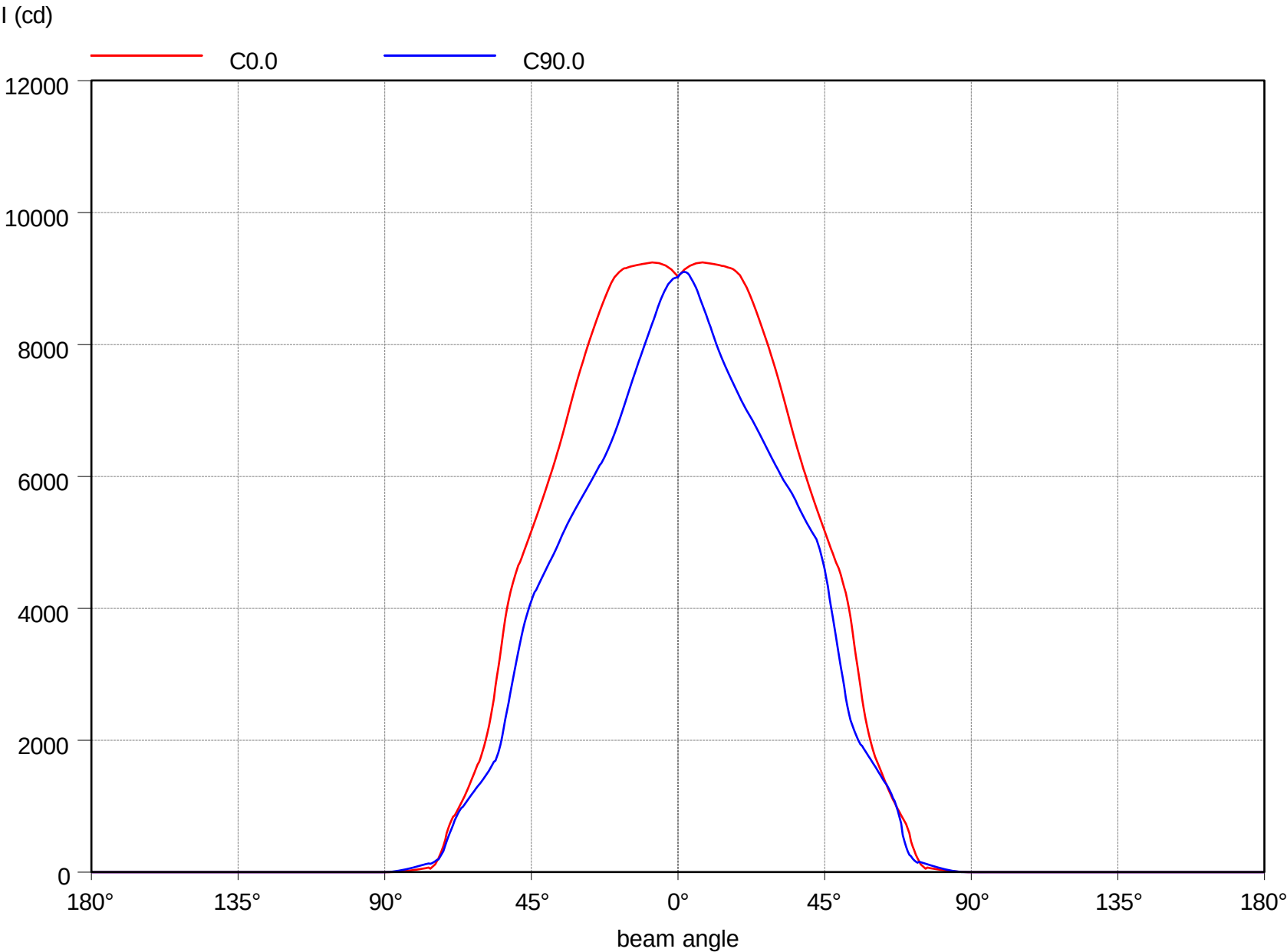


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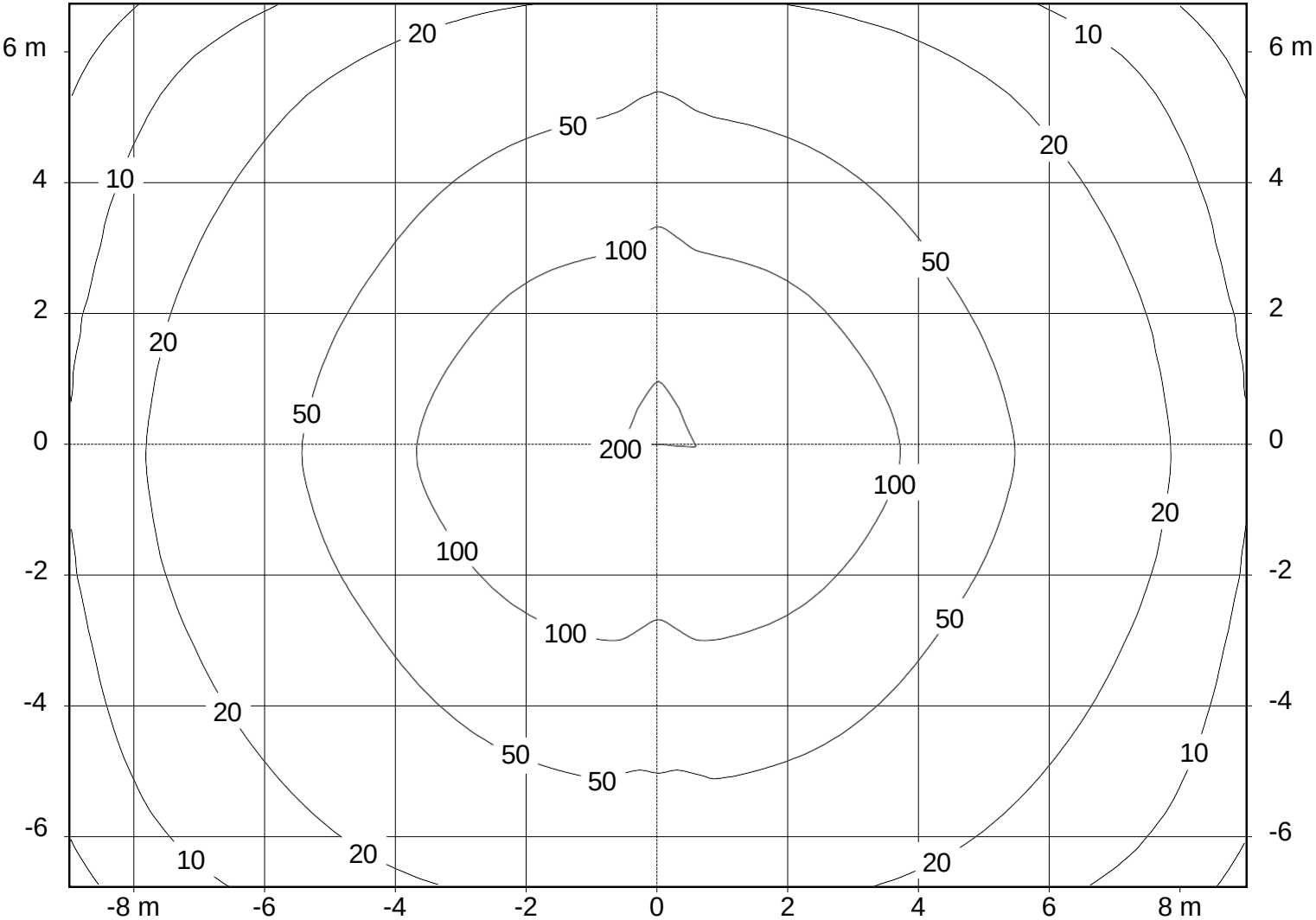
Azar Teyf Co.

lamp(s)

1 x LED
total flux
17682 lm
LOR
100 %
tilt angle
0.0 °

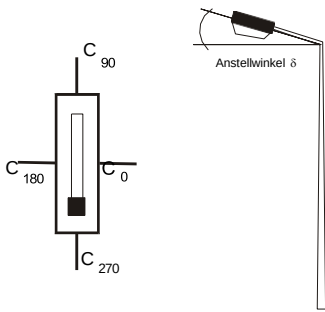


tilt angle : 0.0 °
swivel angle : 0.0 °
mounting height : 6.00 m
orientation : 0.0 °
light loss factor : 0.8



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Azar Teyf Co.

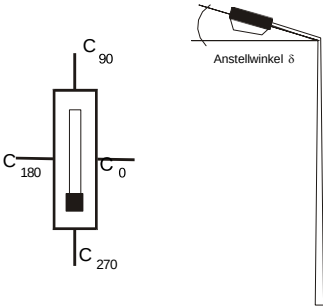
lamp(s)
1 x LED
total flux
17682 lm
LOR
100 %
tilt angle
0.0 °



gamma / °	C 0	C 15	C 30	C 45	C 60	C 75	C 90	C 105	C 120	C 135	C 150	C 165	C 180	C 195	C 210	C 225	C 240	C 255
0.0	510.5	510.5	510.5	510.5	510.5	510.5	510.5	510.5	510.5	510.5	510.5	510.5	510.5	510.5	510.5	510.5	510.5	510.5
2.5	518.0	520.0	521.4	528.6	533.4	523.1	514.4	523.1	533.4	528.6	521.4	520.0	518.0	508.5	489.5	470.6	471.1	492.7
5.0	521.5	516.4	511.1	507.5	538.8	556.5	504.3	556.5	538.8	507.5	511.1	516.4	521.5	522.9	519.8	510.5	465.9	445.4
7.5	522.9	514.0	502.3	494.1	487.5	552.7	486.5	552.7	487.5	494.1	502.3	514.0	522.9	524.9	518.4	507.0	494.0	425.7
10.0	521.9	509.1	493.3	479.6	469.9	496.9	467.2	496.9	469.9	479.6	493.3	509.1	521.9	522.8	511.2	496.9	481.1	433.4
12.5	520.6	503.0	484.2	465.9	450.8	450.6	447.5	450.6	450.8	465.9	484.2	503.0	520.6	519.3	500.8	482.6	469.0	440.8
15.0	518.9	497.1	473.7	451.7	435.4	427.8	430.8	427.8	435.4	451.7	473.7	497.1	518.9	514.7	490.0	469.4	454.0	435.6
17.5	515.9	489.5	461.5	437.6	421.3	412.1	416.0	412.1	421.3	437.6	461.5	489.5	515.9	505.8	477.5	455.2	437.7	421.3
20.0	507.8	480.2	448.6	424.8	407.0	396.5	401.5	396.5	407.0	424.8	448.6	480.2	507.8	496.2	464.9	439.3	420.7	404.7
22.5	491.9	464.1	433.0	410.9	392.9	381.0	389.2	381.0	392.9	410.9	433.0	464.1	491.9	479.3	449.1	423.9	404.5	390.0
25.0	473.3	442.0	413.3	397.2	379.1	366.6	376.2	366.6	379.1	397.2	413.3	442.0	473.3	458.2	430.7	407.9	388.3	374.8
27.5	453.0	419.2	392.9	380.1	365.5	351.8	362.3	351.8	365.5	380.1	392.9	419.2	453.0	434.1	408.5	390.9	373.3	361.0
30.0	430.1	396.9	370.9	361.0	350.2	339.5	348.7	339.5	350.2	361.0	370.9	396.9	430.1	408.8	385.3	372.2	358.9	348.3
32.5	406.3	373.8	350.0	341.2	335.2	326.7	335.8	326.7	335.2	341.2	350.0	373.8	406.3	382.8	363.1	351.9	345.4	335.4
35.0	379.3	350.5	330.5	322.1	321.1	313.6	324.6	313.6	321.1	322.1	330.5	350.5	379.3	358.0	341.0	332.4	331.8	324.7
37.5	355.1	328.1	309.9	306.0	306.3	300.3	310.4	300.3	306.3	306.0	309.9	328.1	355.1	335.9	319.7	314.4	318.7	311.9
40.0	333.1	307.5	290.3	288.3	291.1	287.4	297.3	287.4	291.1	288.3	290.3	307.5	333.1	315.5	298.5	298.8	303.2	298.8
42.5	312.2	290.2	273.4	271.2	274.8	273.5	285.5	273.5	274.8	271.2	273.4	290.2	312.2	297.6	280.2	280.9	286.9	285.2
45.0	292.6	272.8	257.9	254.3	258.7	253.0	259.7	253.0	258.7	254.3	257.9	272.8	292.6	280.2	264.3	265.0	270.3	270.3
47.5	273.3	256.3	242.8	238.9	240.3	215.6	218.7	215.6	240.3	238.9	242.8	256.3	273.3	262.2	249.6	248.4	254.2	246.4
50.0	254.4	239.4	227.0	224.3	207.7	174.3	175.6	174.3	207.7	224.3	227.0	239.4	254.4	244.0	234.1	233.2	234.8	208.0
52.5	225.7	215.6	211.1	206.8	165.3	134.8	135.9	134.8	165.3	206.8	211.1	215.6	225.7	222.3	217.8	218.0	198.1	167.8
55.0	178.1	172.8	190.5	176.5	124.3	108.4	115.3	108.4	124.3	176.5	190.5	172.8	178.1	183.4	199.8	200.2	156.1	129.1
57.5	132.5	126.9	148.9	135.7	95.1	95.3	103.8	95.3	95.1	135.7	148.9	126.9	132.5	136.7	168.2	165.5	115.7	106.5
60.0	103.3	94.1	104.9	96.1	82.1	83.5	92.9	83.5	82.1	96.1	104.9	94.1	103.3	98.0	122.9	122.8	91.3	93.7
62.5	85.2	78.8	75.5	63.1	71.3	71.8	81.4	71.8	71.3	63.1	75.5	78.8	85.2	81.5	84.8	81.7	79.5	81.9
65.0	68.2	65.5	55.9	41.8	60.5	61.5	69.9	61.5	60.5	41.8	55.9	65.5	68.2	67.7	64.5	52.5	68.7	70.1
67.5	54.0	53.1	37.7	30.0	46.7	48.6	52.5	48.6	46.7	30.0	37.7	53.1	54.0	54.9	45.4	35.7	56.9	58.0
70.0	41.3	41.4	24.6	22.7	27.0	21.9	21.9	21.9	27.0	22.7	24.6	41.4	41.3	43.2	29.0	26.7	40.7	44.2
72.5	18.6	21.3	16.5	16.4	10.3	8.4	10.2	8.4	10.3	16.4	16.5	21.3	18.6	22.6	19.8	20.0	21.2	17.8

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Azar Teyf Co.

lamp(s)
1 x LED
total flux
17682 lm
LOR
100 %
tilt angle
0.0 °

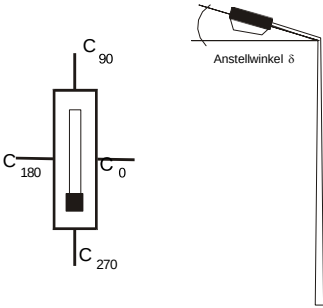


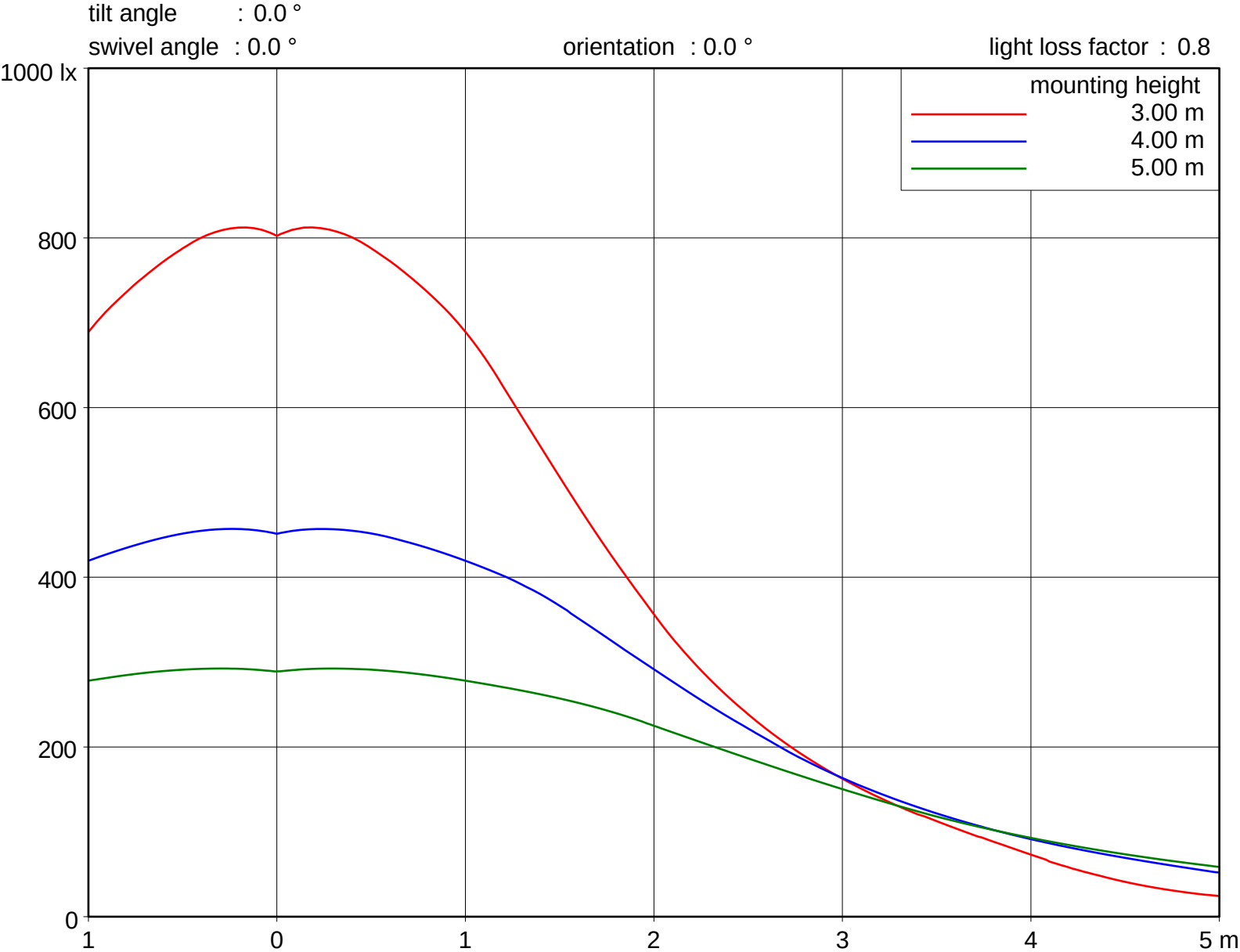
file : FLOODLIGHT_LED_200W_6500K

gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	510.5	510.5	510.5	510.5	510.5	510.5
2.5	506.1	492.7	471.1	470.6	489.5	508.5
5.0	493.1	445.4	465.9	510.5	519.8	522.9
7.5	473.5	425.7	494.0	507.0	518.4	524.9
10.0	453.9	433.4	481.1	496.9	511.2	522.8
12.5	434.1	440.8	469.0	482.6	500.8	519.3
15.0	413.0	435.6	454.0	469.4	490.0	514.7
17.5	391.7	421.3	437.7	455.2	477.5	505.8
20.0	372.3	404.7	420.7	439.3	464.9	496.2
22.5	356.1	390.0	404.5	423.9	449.1	479.3
25.0	344.0	374.8	388.3	407.9	430.7	458.2
27.5	331.0	361.0	373.3	390.9	408.5	434.1
30.0	319.0	348.3	358.9	372.2	385.3	408.8
32.5	306.2	335.4	345.4	351.9	363.1	382.8
35.0	292.4	324.7	331.8	332.4	341.0	358.0
37.5	276.5	311.9	318.7	314.4	319.7	335.9
40.0	262.5	298.8	303.2	298.8	298.5	315.5
42.5	248.1	285.2	286.9	280.9	280.2	297.6
45.0	232.8	270.3	270.3	265.0	264.3	280.2
47.5	209.0	246.4	254.2	248.4	249.6	262.2
50.0	174.9	208.0	234.8	233.2	234.1	244.0
52.5	138.1	167.8	198.1	218.0	217.8	222.3
55.0	103.8	129.1	156.1	200.2	199.8	183.4
57.5	89.4	106.5	115.7	165.5	168.2	136.7
60.0	78.9	93.7	91.3	122.8	122.9	98.0
62.5	69.8	81.9	79.5	81.7	84.8	81.5
65.0	60.0	70.1	68.7	52.5	64.5	67.7
67.5	50.4	58.0	56.9	35.7	45.4	54.9
70.0	33.7	44.2	40.7	26.7	29.0	43.2
72.5	15.1	17.8	21.2	20.0	19.8	22.6

article code
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lamp(s)
1 x LED
total flux
17682 lm
LOR
100 %
tilt angle
0.0 °





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