

meas. no.	01L1547
meas. date	4/18/2022
operator	LightLab.

meas. conditions	
ambient temperature	25.0 °C
voltage	230.00 V
current	1.233 A
power consumption	192.1 W
Leistungsfaktor	0.978

meas. lamps	lum. flux [lm]
absolute measurement	20080.7 lm
luminous efficacy	104 lm/w

dimensions of luminaire	
length	345 mm
width	305 mm
height	110 mm

dimensions of luminous area	
length	220 mm
width	260 mm
height C0	65 mm
height C90	65 mm
height C180	65 mm
height C270	65 mm

reflector

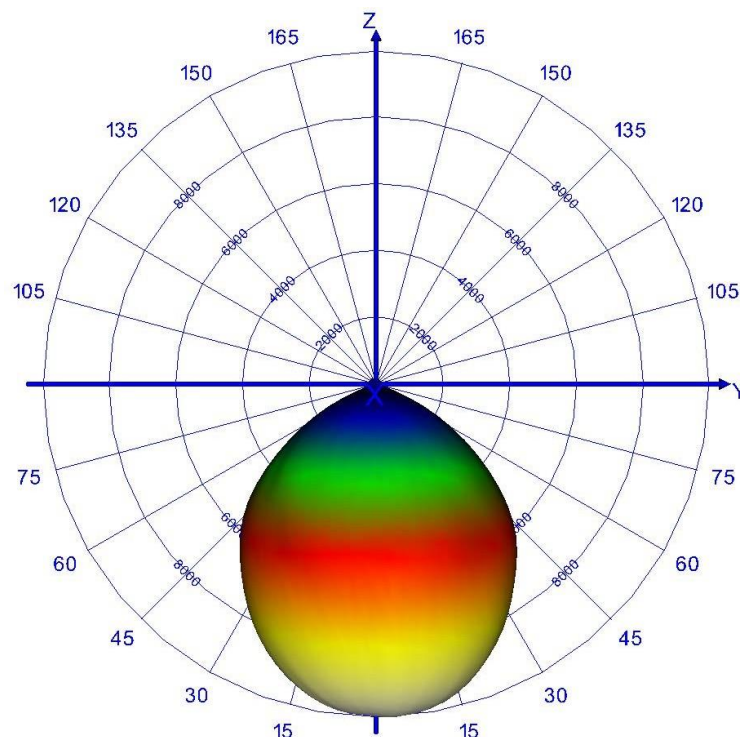
cover

variant

measurement results

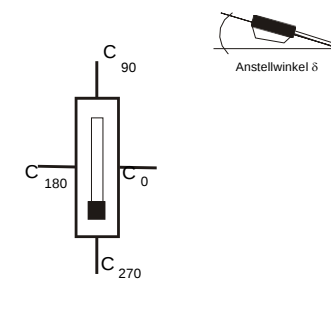
flux of luminaire	20080.7 lm
classification / DIN	A50
lower flux fraction	100.00 %
upper flux fraction	0.00 %
intensity maximum	9960.8 cd
in C-plane	175.0 °
at gamma	2.5 °
half value angle	C0 : 48.8 °
	C90 : 42.8 °
	C180 : 49.3 °
	C270 : 44.5 °

tenth value angle	C0 : 68.0 °
	C90 : 65.6 °
	C180 : 68.1 °
	C270 : 67.9 °

remarks

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
20081 lm
LOR
100 %
tilt angle
0.0 °

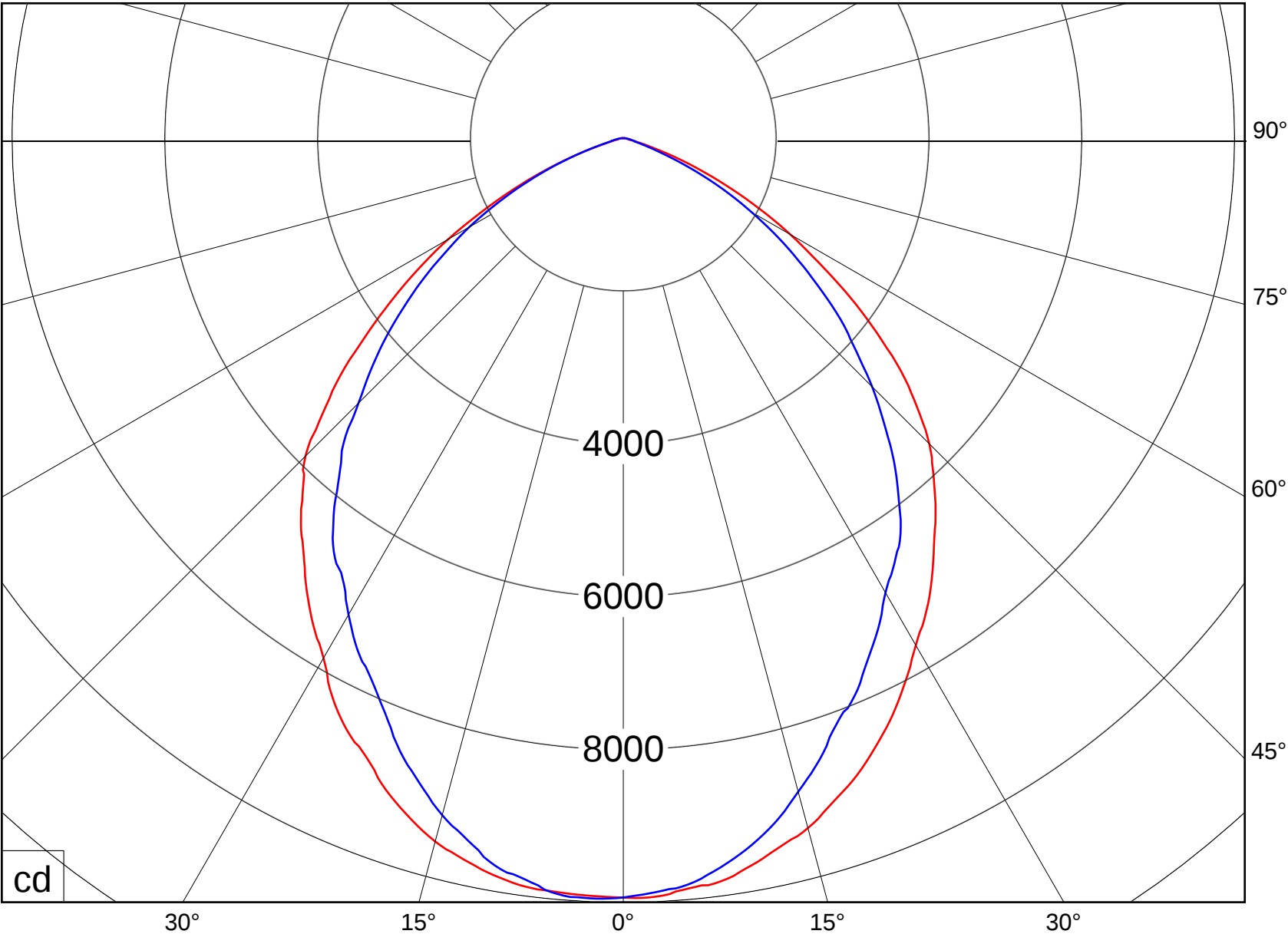


article code

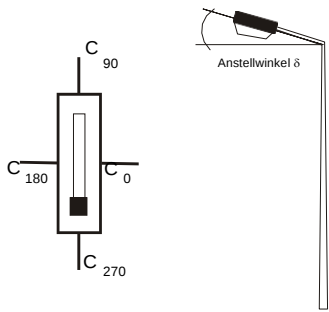
Azar Teyf Co.

lamp(s)

1 x LED
total flux
20081 lm
LOR
100 %
tilt angle
0.0 °



— C0.0-C180.0 — C90.0-C270.0

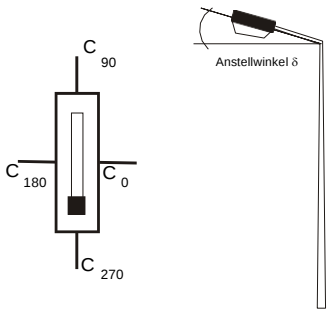
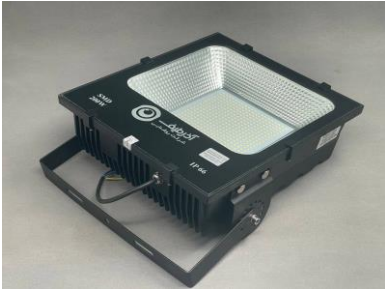


distance [m]	cone diameter [m]	E [lx]	
2.0	4.57	E(0°) E(C0) 48.8°	2485 821
4.0	9.14	E(0°) E(C0) 48.8°	621 205
6.0	13.71	E(0°) E(C0) 48.8°	276 91
8.0	18.28	E(0°) E(C0) 48.8°	155 51
10.0	22.85	E(0°) E(C0) 48.8°	99 33

half value angle 97.6°

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1 x LED
total flux
20081 lm
LOR
100 %
tilt angle
0.0 °

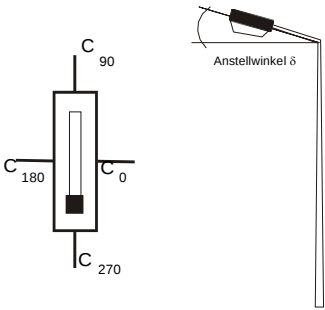
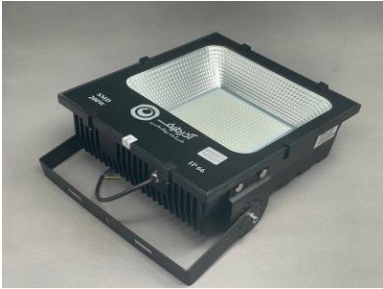
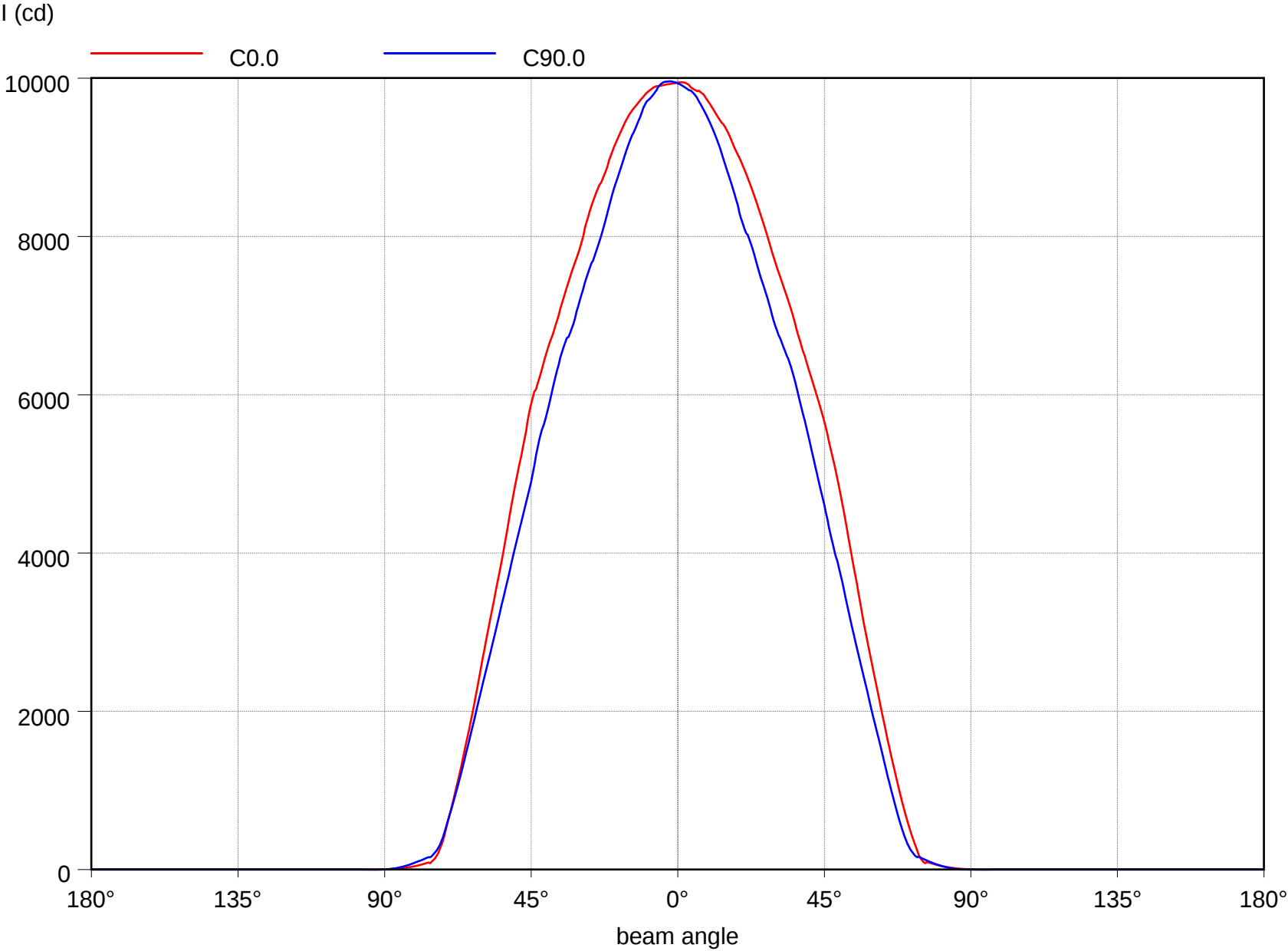


article code

Azar Teyf Co.

lamp(s)

1 x LED
total flux
20081 lm
LOR
100 %
tilt angle
0.0 °

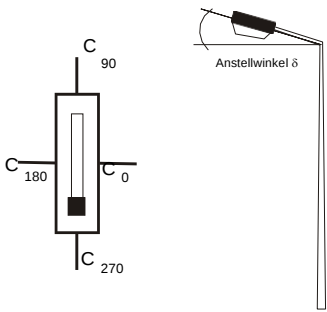
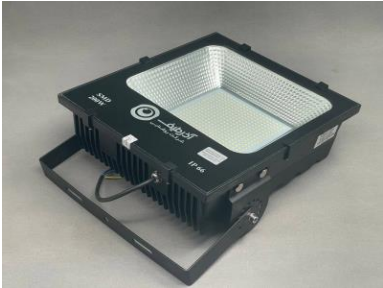


article code

Azar Teyf Co.

lamp(s)

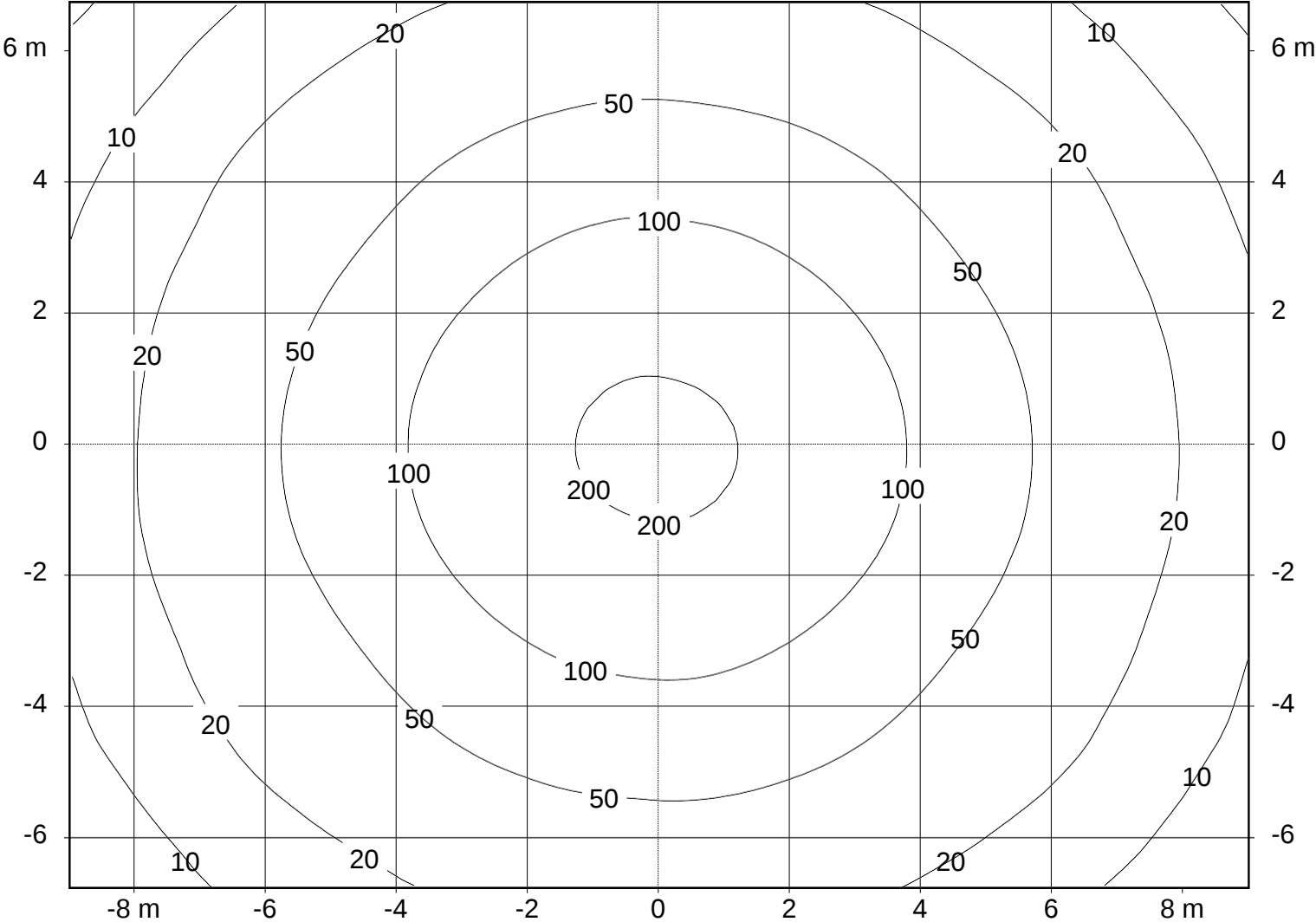
1 x LED
total flux
20081 lm
LOR
100 %
tilt angle
0.0 °



tilt angle : 0.0°
swivel angle : 0.0 °

mounting height : 6.00 m
orientation : 0.0 °

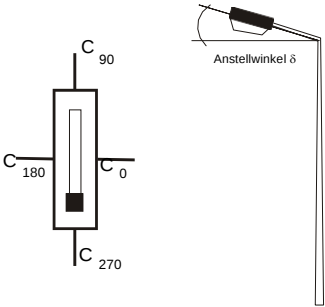
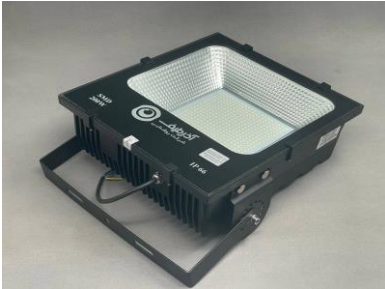
light loss factor : 0.8



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	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0
2.5	494.9	494.0	493.0	492.4	491.8	491.6	491.9	492.5	493.1	493.7	494.2	494.4	494.4	494.0	493.8	494.0	494.9	495.9
5.0	490.9	490.3	489.6	488.2	487.2	487.4	488.2	489.1	490.8	492.0	492.4	493.3	493.3	493.5	493.2	492.5	492.2	493.5
7.5	488.6	485.4	483.6	481.3	479.6	478.7	479.9	483.0	485.9	487.0	489.3	490.0	492.0	491.4	490.1	488.6	487.6	487.4
10.0	481.4	478.8	475.2	472.7	469.3	467.5	469.6	473.5	477.1	480.3	483.8	486.7	487.7	487.4	486.1	483.3	480.3	477.8
12.5	473.1	471.0	466.7	461.5	457.2	454.9	457.0	462.2	466.3	470.3	476.1	480.5	481.5	481.8	479.7	475.9	470.8	467.3
15.0	465.5	461.4	456.0	449.6	444.3	440.1	441.0	448.2	453.0	459.8	466.5	471.5	474.5	475.0	471.4	466.0	459.0	454.6
17.5	454.1	450.1	443.7	435.6	428.9	424.3	425.0	433.5	438.5	446.5	455.3	461.1	464.1	463.8	459.3	454.4	446.0	439.2
20.0	443.0	438.5	429.4	420.8	413.2	407.3	406.4	416.8	422.2	432.1	440.8	449.0	452.1	452.1	446.7	439.1	431.9	424.0
22.5	429.7	424.4	416.2	404.8	396.2	390.4	393.7	399.6	406.1	415.2	426.9	435.8	437.1	438.0	432.3	424.1	415.7	407.0
25.0	415.2	410.1	399.1	387.0	378.1	374.3	376.3	382.8	389.2	396.9	410.2	421.1	426.0	424.7	417.2	407.4	397.9	391.3
27.5	398.8	393.6	382.4	370.3	362.3	357.3	360.0	365.3	371.5	380.5	392.0	405.1	410.6	407.2	399.8	390.0	380.8	374.4
30.0	381.6	377.3	364.0	352.8	345.2	341.6	342.0	348.5	353.0	361.2	375.5	387.6	391.0	391.1	381.5	369.4	362.8	358.6
32.5	367.2	358.6	345.7	334.1	327.6	327.5	328.8	333.4	335.6	343.4	356.6	369.1	376.2	374.1	362.4	352.5	346.9	343.6
35.0	350.8	343.0	327.4	316.1	311.9	311.5	315.0	319.2	320.8	325.1	336.7	350.9	359.8	356.9	342.8	332.9	329.0	328.5
37.5	332.9	323.6	309.3	298.1	297.4	295.6	294.9	303.6	303.9	306.0	317.3	334.1	342.2	338.7	322.1	314.8	314.7	314.1
40.0	316.8	306.1	288.9	282.0	281.9	271.5	274.3	279.6	289.0	288.5	297.9	314.1	326.9	319.5	304.1	298.7	298.1	293.7
42.5	299.5	288.5	270.7	264.4	258.2	251.5	251.5	256.3	265.3	271.4	278.8	298.7	308.9	302.3	284.8	280.1	279.4	271.7
45.0	282.2	272.5	254.7	247.9	236.6	230.9	229.5	235.4	242.3	253.6	261.4	280.9	292.8	285.4	268.2	265.0	255.6	247.8
47.5	260.0	251.9	236.4	227.6	215.0	208.0	206.0	213.0	219.4	233.0	244.8	258.7	265.7	267.1	251.9	247.1	232.9	227.2
50.0	236.3	225.7	218.2	205.1	192.4	185.1	185.8	190.5	197.4	208.8	223.7	233.3	240.7	240.0	235.6	222.0	211.9	205.4
52.5	208.1	199.1	194.1	182.7	169.9	163.7	162.3	168.8	175.0	187.9	201.2	206.9	211.4	213.1	212.0	200.1	190.3	182.3
55.0	180.1	174.0	169.9	158.4	147.7	142.1	139.8	145.5	151.7	163.9	176.5	179.8	184.2	186.3	187.3	180.0	167.0	160.9
57.5	151.2	148.3	143.6	131.8	125.7	119.8	118.2	122.4	129.4	138.2	148.1	151.7	157.6	159.5	159.9	155.7	144.2	139.2
60.0	126.0	121.0	116.2	108.1	104.4	98.1	96.5	100.0	107.1	111.8	120.2	126.4	131.4	132.6	133.0	129.4	122.8	117.6
62.5	100.9	97.5	91.3	84.8	82.3	76.4	75.8	78.6	84.9	86.6	94.1	101.2	103.5	107.1	107.8	103.6	100.6	96.3
65.0	76.6	74.1	68.6	62.3	61.0	56.4	54.5	57.4	62.8	65.0	70.2	77.0	78.8	83.1	82.8	79.8	79.7	75.3
67.5	54.5	53.2	48.0	43.3	41.3	37.8	35.4	37.9	42.1	43.9	48.8	54.5	55.5	60.5	59.6	57.6	58.0	54.9
70.0	34.4	33.3	30.1	27.2	24.4	20.4	18.9	20.4	24.2	27.4	29.5	33.2	34.5	38.5	38.8	38.2	37.9	35.8
72.5	17.5	16.7	15.8	14.7	11.2	9.1	9.6	9.5	10.4	14.0	14.9	15.0	15.3	19.5	21.9	22.7	21.0	18.9

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
20081 lm
LOR
100 %
tilt angle
0.0 °

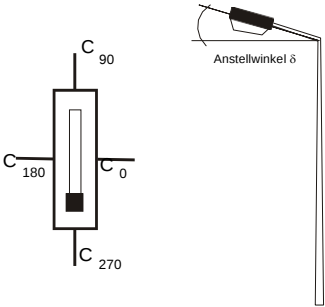
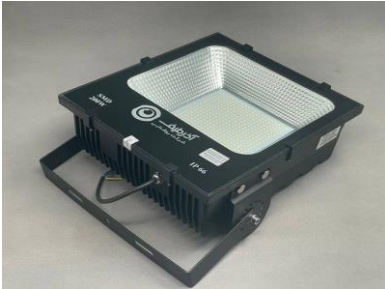


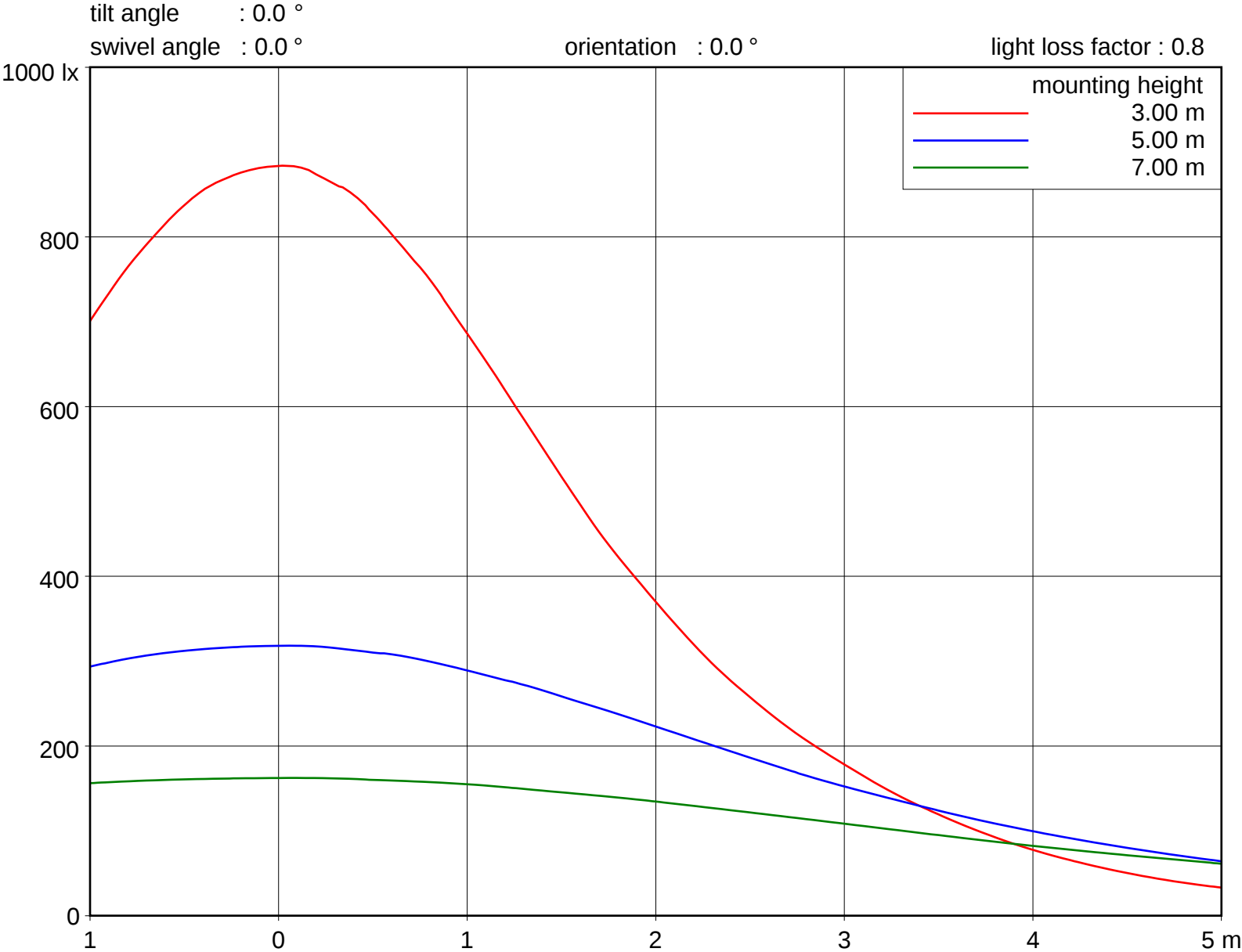
file : FLOODLIGHT_LED_200W_6000K

gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	495.0	495.0	495.0	495.0	495.0	495.0
2.5	496.0	495.8	495.9	496.0	495.9	495.5
5.0	494.6	494.9	495.1	494.5	493.3	491.8
7.5	487.6	490.6	489.7	489.5	489.4	487.9
10.0	481.5	481.6	482.1	482.7	482.9	482.8
12.5	468.8	471.7	471.9	472.6	475.8	474.8
15.0	456.7	458.8	459.3	461.8	465.0	466.6
17.5	441.2	442.4	445.9	449.9	453.4	455.8
20.0	425.4	426.5	430.3	434.7	440.9	443.1
22.5	405.9	411.2	413.1	419.0	425.9	431.9
25.0	389.0	394.0	395.5	400.8	409.4	416.0
27.5	375.6	375.7	378.1	385.3	395.2	400.3
30.0	358.3	360.0	361.0	366.3	375.6	383.4
32.5	340.6	344.2	344.6	348.7	358.4	367.6
35.0	329.0	329.4	328.3	330.7	338.3	349.0
37.5	310.1	314.3	312.5	311.9	319.2	330.8
40.0	288.3	296.5	296.8	295.5	301.1	313.1
42.5	270.0	272.9	279.1	278.5	281.7	295.5
45.0	244.1	249.2	254.6	261.6	264.9	278.4
47.5	223.0	230.3	233.9	244.8	247.8	259.9
50.0	201.8	207.6	211.3	222.1	230.8	231.4
52.5	179.8	185.4	188.9	199.7	206.3	205.3
55.0	158.3	163.1	166.4	177.8	182.4	179.2
57.5	136.0	141.9	144.2	152.6	156.1	155.1
60.0	115.9	119.2	123.0	126.3	131.4	128.2
62.5	94.0	97.0	101.7	102.0	105.5	104.8
65.0	72.8	76.7	80.1	79.7	81.3	81.5
67.5	52.8	56.4	58.6	57.9	59.3	59.3
70.0	34.4	37.2	38.6	38.7	39.7	38.7
72.5	17.8	20.4	22.0	23.1	22.9	21.1

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
20081 lm
LOR
100 %
tilt angle
0.0 °





article code

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1 x LED
total flux
20081 lm
LOR
100 %
tilt angle
0.0 °

