

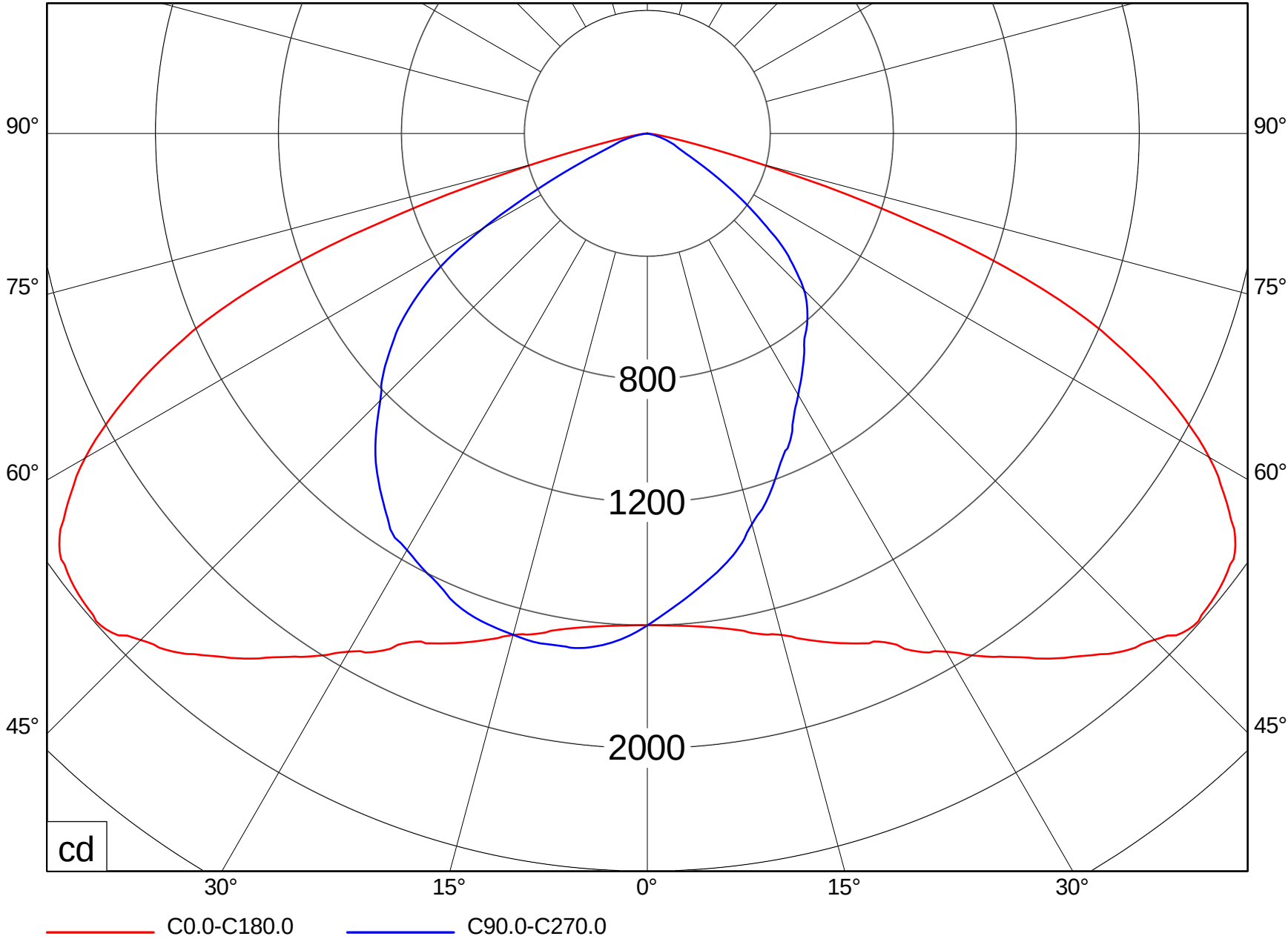
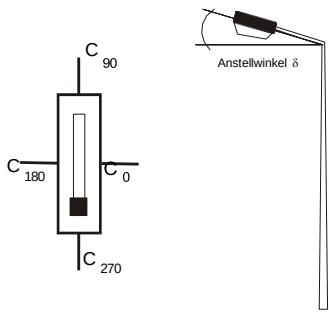
0.0 °



Lighting Lab
University of Tehran

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
5469 lm
LOR
100 %
tilt angle
0.0 °



distance [m]	cone diameter [m]	E [lx]	
1.0	5.44	E(0°)	1600
		E(C0) 69.8°	415
2.0	10.87	E(0°)	400
		E(C0) 69.8°	104
3.0	16.31	E(0°)	178
		E(C0) 69.8°	46
4.0	21.74	E(0°)	100
		E(C0) 69.8°	26
5.0	27.18	E(0°)	64
		E(C0) 69.8°	17

half value angle 139.6°

article code
Azar Teyf Co.

lamp(s)

1 x LED

total flux

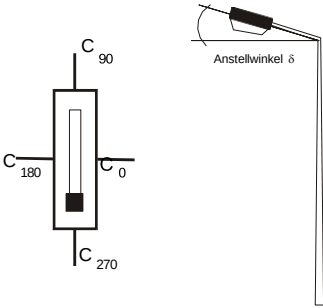
5469 lm

LOR

100 %

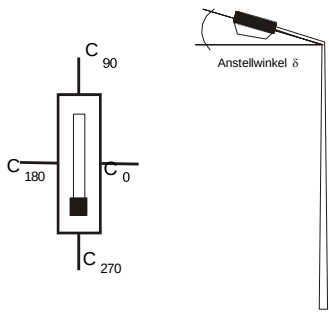
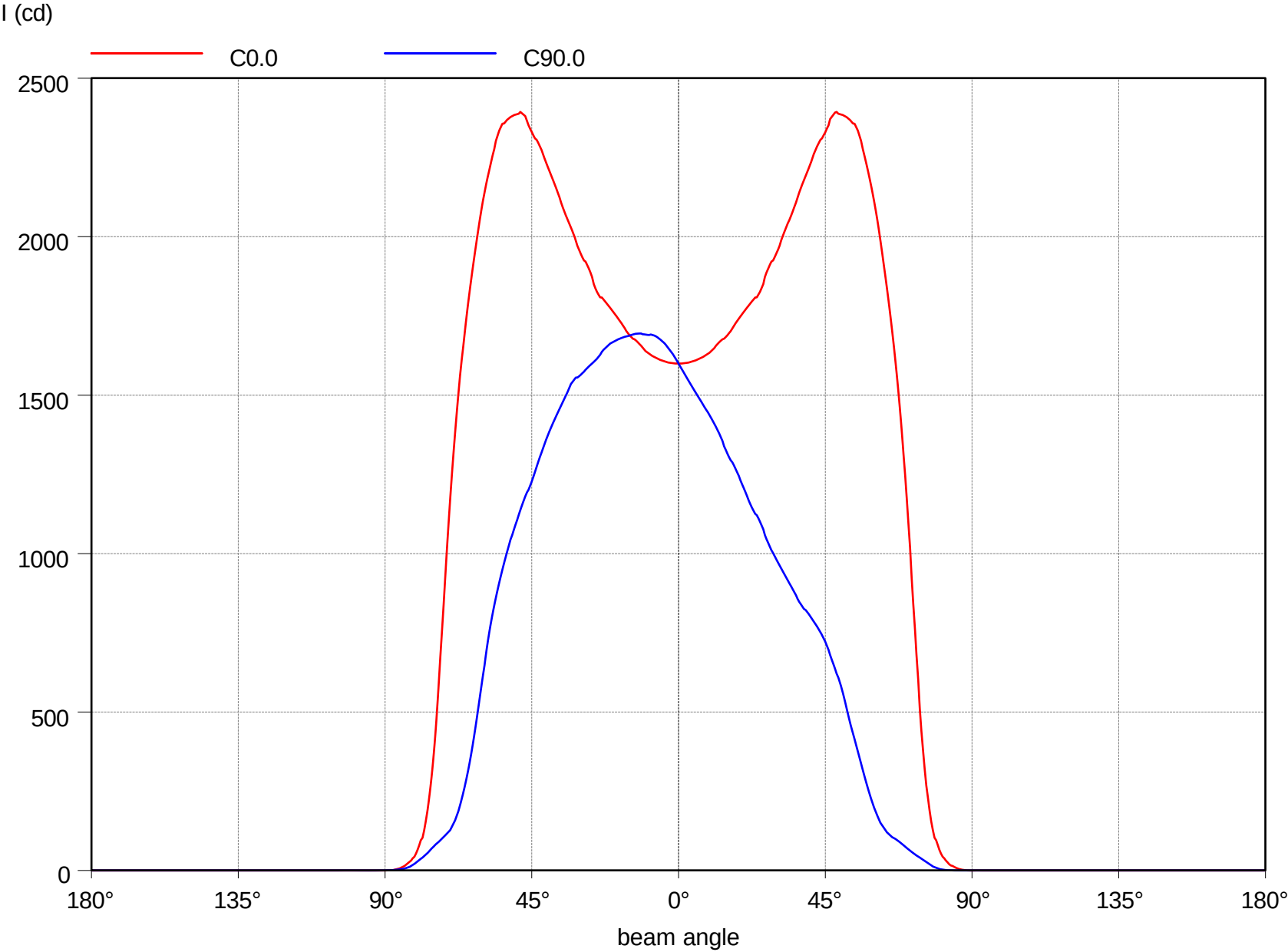
tilt angle

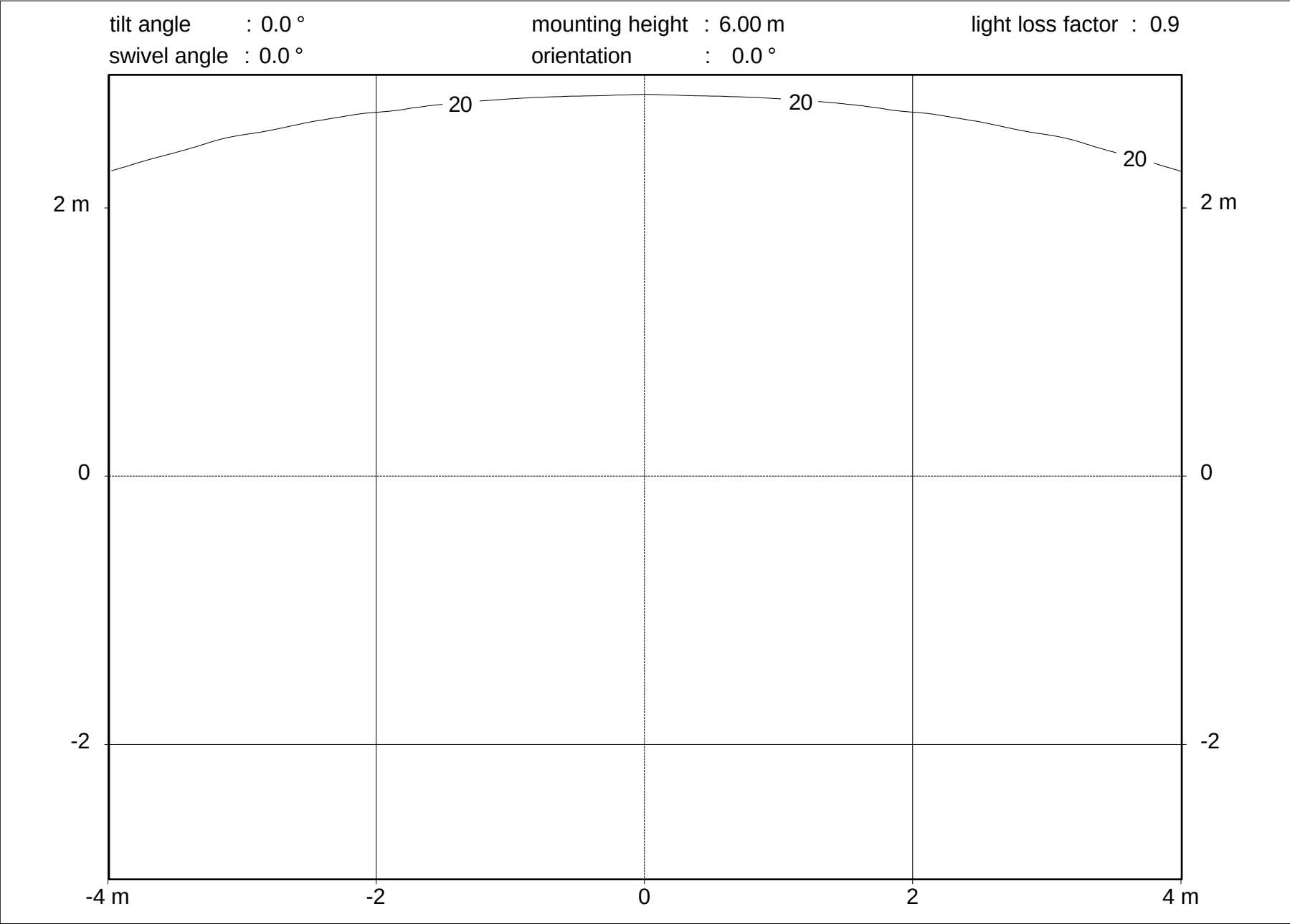
0.0 °



article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
5469 lm
LOR
100 %
tilt angle
0.0 °

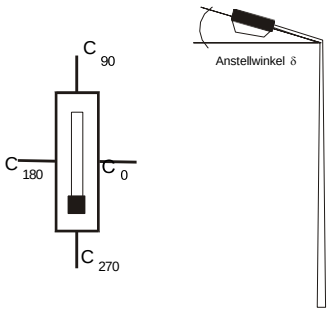




article code
Azar Teyf Co.

lamp(s)

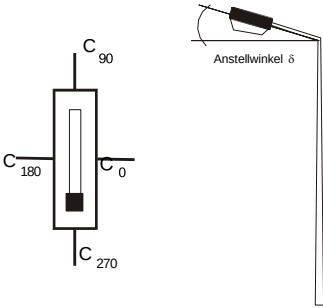
1 x LED
total flux
5469 lm
LOR
100 %
tilt angle
0.0 °



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	292.5	292.5	292.5	292.5	292.5	292.5	292.5	292.5	292.5	292.5	292.5	292.5	292.5	292.5	292.5	292.5	292.5	292.5
2.5	292.8	290.9	288.9	287.1	285.8	284.8	284.4	284.8	285.8	287.1	288.9	290.9	292.8	294.8	296.6	298.1	299.0	299.7
5.0	294.2	290.4	286.5	282.9	279.6	277.6	276.6	277.6	279.6	282.9	286.5	290.4	294.2	297.2	300.3	301.9	304.4	305.4
7.5	296.3	291.2	284.9	279.0	273.4	270.5	268.9	270.5	273.4	279.0	284.9	291.2	296.3	301.5	304.7	307.5	307.5	308.5
10.0	299.5	292.5	283.8	273.8	267.7	262.6	261.1	262.6	267.7	273.8	283.8	292.5	299.5	306.0	310.9	311.6	310.1	309.3
12.5	304.8	295.0	282.0	269.5	260.8	255.3	252.1	255.3	260.8	269.5	282.0	295.0	304.8	311.5	315.7	314.2	312.2	310.3
15.0	308.9	296.5	280.6	267.3	254.5	245.9	240.5	245.9	254.5	267.3	280.6	296.5	308.9	317.9	319.4	317.8	314.1	309.3
17.5	315.7	300.0	281.6	262.3	246.7	236.6	231.8	236.6	246.7	262.3	281.6	300.0	315.7	325.6	326.0	319.7	313.8	308.2
20.0	322.3	304.5	281.9	257.9	239.7	227.2	220.7	227.2	239.7	257.9	281.9	304.5	322.3	331.0	331.3	322.4	313.5	306.6
22.5	328.3	309.2	283.4	255.0	231.6	216.1	209.4	216.1	231.6	255.0	283.4	309.2	328.3	337.8	336.9	324.5	312.4	303.9
25.0	333.9	314.5	283.6	249.6	222.6	206.2	201.3	206.2	222.6	249.6	283.6	314.5	333.9	346.2	341.6	328.5	313.0	299.8
27.5	347.3	320.2	285.6	245.7	214.5	195.4	189.0	195.4	214.5	245.7	285.6	320.2	347.3	353.5	346.0	329.0	311.7	296.7
30.0	356.0	326.9	285.9	241.6	206.6	187.6	179.5	187.6	206.6	241.6	285.9	326.9	356.0	363.1	350.0	330.3	309.1	293.4
32.5	368.6	334.9	287.9	235.7	198.1	177.6	170.9	177.6	198.1	235.7	287.9	334.9	368.6	371.6	356.7	331.3	307.5	288.9
35.0	380.2	342.6	288.8	232.4	190.7	169.0	162.4	169.0	190.7	232.4	288.8	342.6	380.2	384.0	362.3	332.8	302.5	280.7
37.5	393.7	353.2	291.0	224.7	182.0	162.2	153.6	162.2	182.0	224.7	291.0	353.2	393.7	395.3	368.9	333.3	298.4	272.6
40.0	405.5	362.7	290.8	219.6	173.8	154.4	147.9	154.4	173.8	219.6	290.8	362.7	405.5	409.1	374.9	330.7	291.6	261.3
42.5	417.8	367.9	289.5	209.3	165.3	146.5	140.8	146.5	165.3	209.3	289.5	367.9	417.8	419.8	379.3	330.5	281.9	250.7
45.0	426.0	367.2	283.0	200.1	156.1	137.6	132.0	137.6	156.1	200.1	283.0	367.2	426.0	423.7	383.2	323.1	270.8	237.7
47.5	436.5	368.6	269.1	189.6	144.1	125.6	119.1	125.6	144.1	189.6	269.1	368.6	436.5	430.5	378.3	310.4	255.8	222.9
50.0	436.2	366.5	259.4	173.6	130.1	110.8	105.1	110.8	130.1	173.6	259.4	366.5	436.2	433.6	370.4	296.7	237.2	206.4
52.5	433.2	353.5	241.5	154.9	113.2	92.7	86.3	92.7	113.2	154.9	241.5	353.5	433.2	428.8	356.6	273.5	216.5	189.9
55.0	426.9	335.8	216.6	130.2	92.8	73.0	68.8	73.0	92.8	130.2	216.6	335.8	426.9	416.1	335.9	246.1	193.4	171.7
57.5	408.4	315.7	189.5	103.2	71.6	55.7	51.1	55.7	71.6	103.2	189.5	315.7	408.4	399.8	305.0	213.1	166.6	146.1
60.0	386.1	291.5	154.9	69.6	50.9	40.4	36.3	40.4	50.9	69.6	154.9	291.5	386.1	373.4	271.5	177.1	134.3	116.3
62.5	355.7	259.4	115.3	45.4	34.3	28.2	25.5	28.2	34.3	45.4	115.3	259.4	355.7	339.6	231.8	128.8	97.3	86.0
65.0	319.5	218.4	76.6	31.8	24.1	22.1	20.1	22.1	24.1	31.8	76.6	218.4	319.5	298.0	183.8	82.5	62.8	58.9
67.5	275.1	171.8	47.7	23.5	18.8	17.7	16.9	17.7	18.8	23.5	47.7	171.8	275.1	251.6	130.7	49.6	39.2	38.0
70.0	214.5	121.7	29.0	17.5	14.5	13.4	13.0	13.4	14.5	17.5	29.0	121.7	214.5	197.7	80.4	31.9	26.5	25.6
72.5	138.9	75.5	18.3	13.2	10.8	9.5	9.4	9.5	10.8	13.2	18.3	75.5	138.9	136.2	44.2	21.4	20.1	19.3
75.0	68.8	38.9	12.2	9.8	7.3	6.0	6.2	6.0	7.3	9.8	12.2	38.9	68.8	77.8	23.5	15.6	16.0	14.6
77.5	28.2	18.4	8.2	6.2	4.4	3.0	2.9	3.0	4.4	6.2	8.2	18.4	28.2	36.4	13.9	11.9	11.7	10.0

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
5469 lm
LOR
100 %
tilt angle
0.0 °

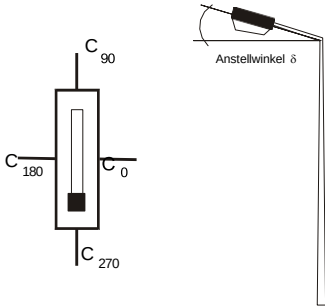


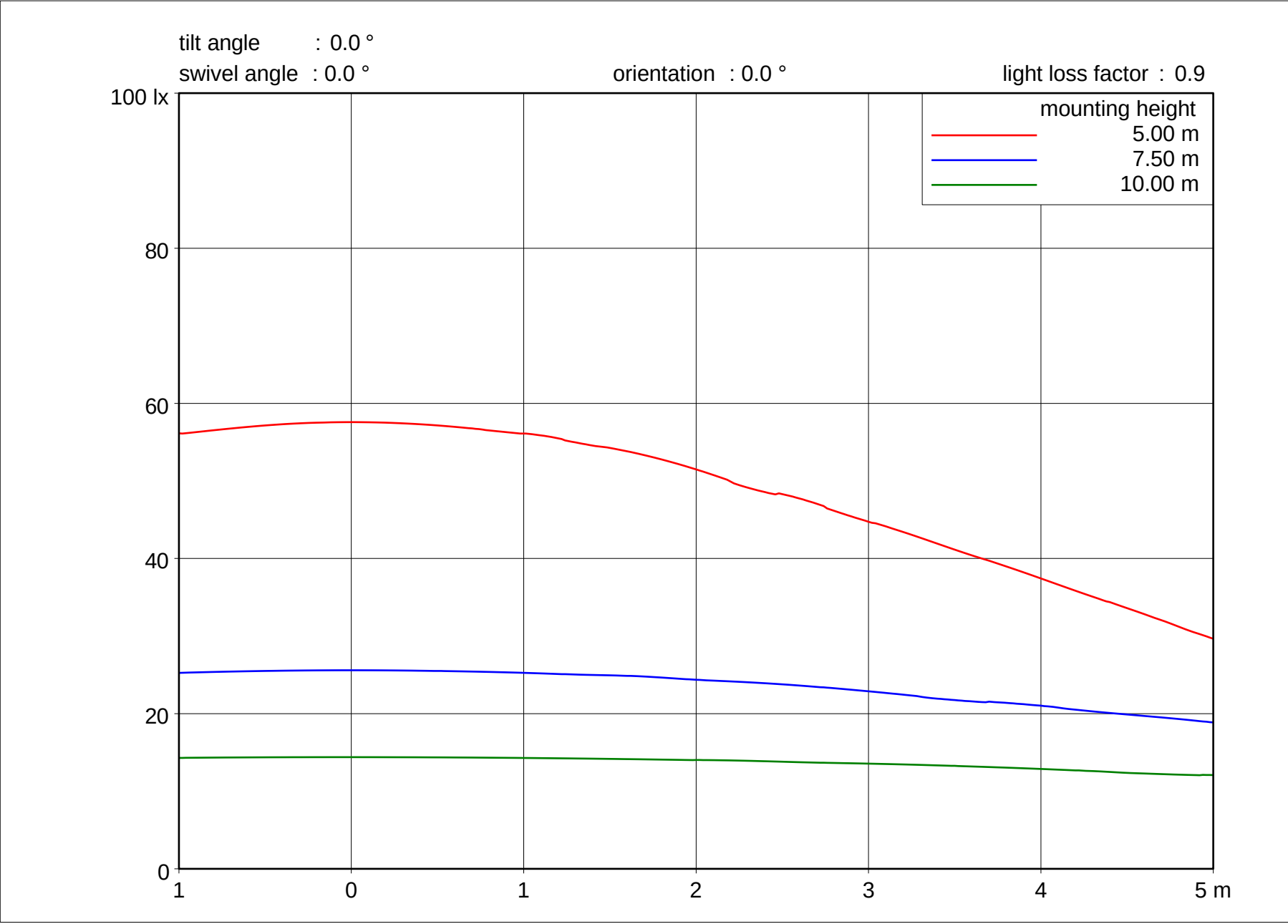
file : STREETLIGHT_LED_GAMA_SL50W-CW_50W_6500K

gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	292.5	292.5	292.5	292.5	292.5	292.5
2.5	300.1	299.7	299.0	298.1	296.6	294.8
5.0	305.4	305.4	304.4	301.9	300.3	297.2
7.5	308.7	308.5	307.5	307.5	304.7	301.5
10.0	309.2	309.3	310.1	311.6	310.9	306.0
12.5	309.9	310.3	312.2	314.2	315.7	311.5
15.0	308.7	309.3	314.1	317.8	319.4	317.9
17.5	307.3	308.2	313.8	319.7	326.0	325.6
20.0	305.2	306.6	313.5	322.4	331.3	331.0
22.5	301.5	303.9	312.4	324.5	336.9	337.8
25.0	295.3	299.8	313.0	328.5	341.6	346.2
27.5	290.8	296.7	311.7	329.0	346.0	353.5
30.0	286.0	293.4	309.1	330.3	350.0	363.1
32.5	282.2	288.9	307.5	331.3	356.7	371.6
35.0	272.2	280.7	302.5	332.8	362.3	384.0
37.5	262.3	272.6	298.4	333.3	368.9	395.3
40.0	251.5	261.3	291.6	330.7	374.9	409.1
42.5	238.5	250.7	281.9	330.5	379.3	419.8
45.0	224.6	237.7	270.8	323.1	383.2	423.7
47.5	213.3	222.9	255.8	310.4	378.3	430.5
50.0	199.4	206.4	237.2	296.7	370.4	433.6
52.5	184.5	189.9	216.5	273.5	356.6	428.8
55.0	165.7	171.7	193.4	246.1	335.9	416.1
57.5	143.2	146.1	166.6	213.1	305.0	399.8
60.0	112.2	116.3	134.3	177.1	271.5	373.4
62.5	79.7	86.0	97.3	128.8	231.8	339.6
65.0	53.2	58.9	62.8	82.5	183.8	298.0
67.5	34.3	38.0	39.2	49.6	130.7	251.6
70.0	23.3	25.6	26.5	31.9	80.4	197.7
72.5	18.5	19.3	20.1	21.4	44.2	136.2
75.0	14.0	14.6	16.0	15.6	23.5	77.8
77.5	9.1	10.0	11.7	11.9	13.9	36.4

article code
Azar Teyf Co.

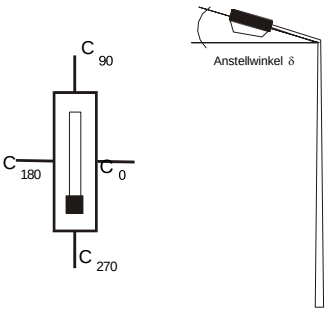
lamp(s)
1 x LED
total flux
5469 lm
LOR
100 %
tilt angle
0.0 °





article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
5469 lm
LOR
100 %
tilt angle
0.0 °



class		glare rating for illuminance (lx)									
A	A	1000	750	500	--	≤ 300					
1	B	2000	1500	1000	750	500	≤ 300				
2	D					2000	1000	500	≤ 300		
3	E						2000	1000	500	≤ 300	

article code
Azar Teyf Co.

lamp(s)

1 x LED

total flux

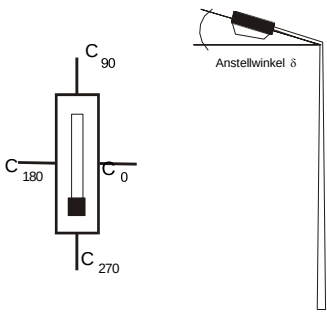
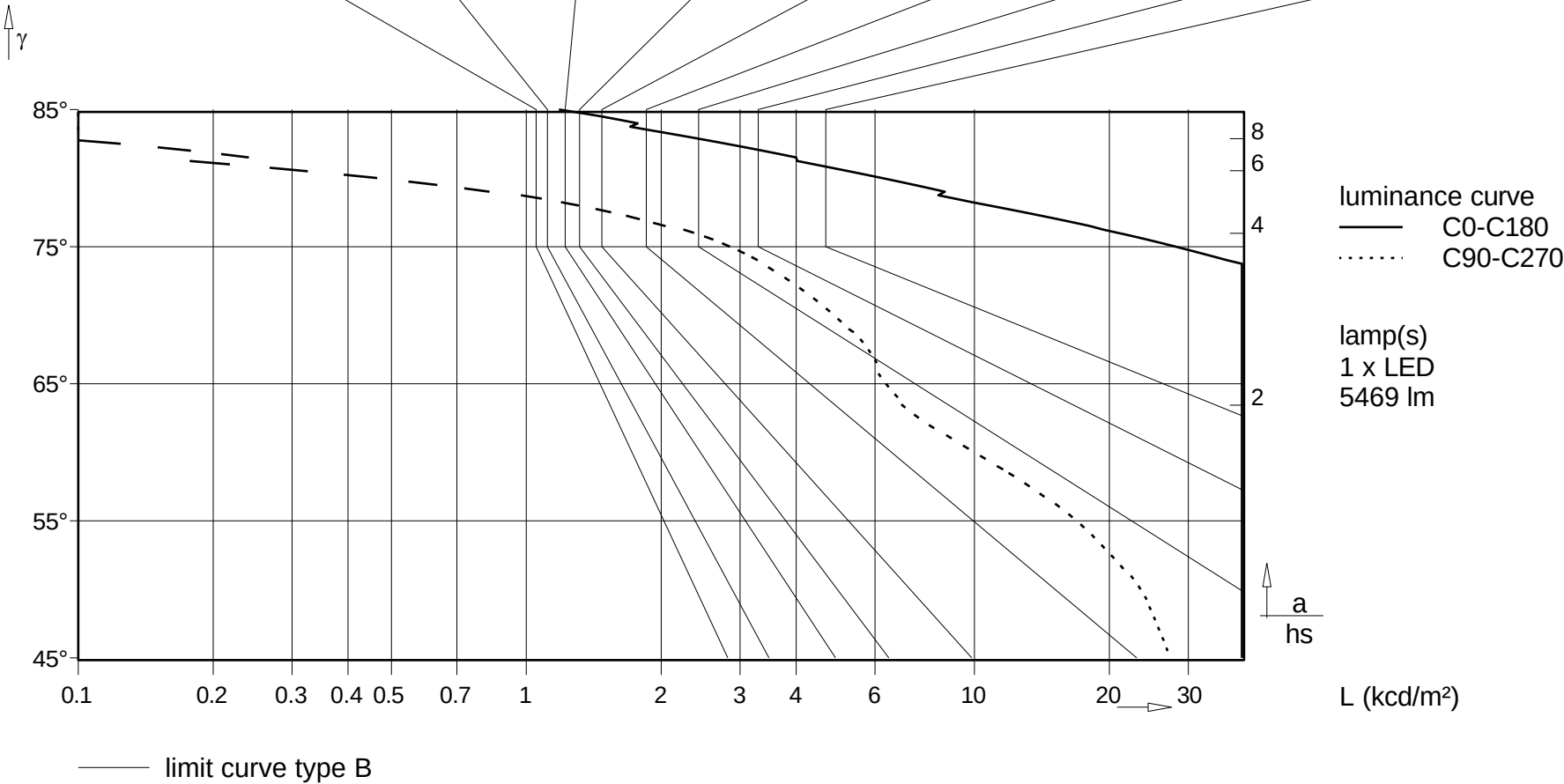
5469 lm

LOR

100 %

tilt angle

0.0 °





- Electrical Test Results:**

Electrical Parameter of Luminaire			
Vac	230.00 [V]	Ithd	7.79 [%]
Vthd	0.05 [%]	AC Pwr	46.65 [W]
Freq	50.00 [Hz]	App Pwr	47.22 [VA]
Iac	205.3 [mA]	React Pwr	7.32 [Var]
Ipp	306.9 [mA]	Pwr Fact	0.988

