

meas. no. 02L1832
meas. date 10/31/2023
operator Light Lab.

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 0.278 A
power consumption 39.7 W
Leistungsfaktor 0.620

meas. lamps lum. flux [lm]
absolute measurement 3913.3 lm
luminous efficacy 98 lm/w

dimensions of luminaire
length 330 mm
width 100 mm
height 40 mm

dimensions of luminous area
length 170 mm
width 25 mm
height C0 15 mm
height C90 15 mm
height C180 15 mm
height C270 15 mm

reflector

cover

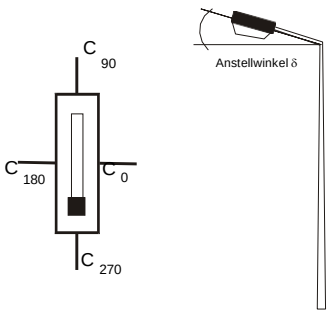
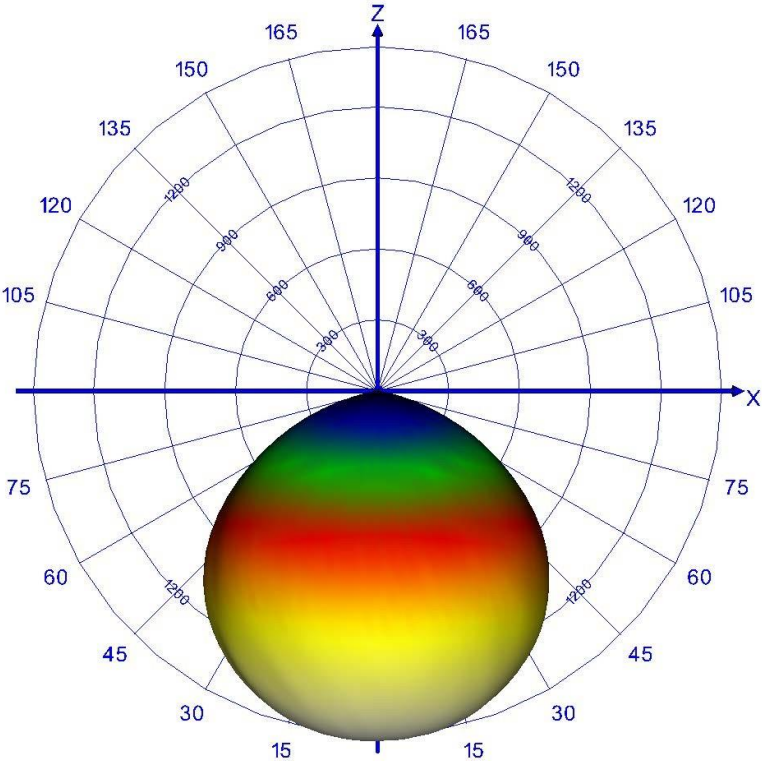
variant

measurement results
flux of luminaire 3913.3 lm
classification / DIN A40
lower flux fraction 99.53 %
upper flux fraction 0.47 %
intensity maximum 1453.7 cd
in C-plane 195.0 °
at gamma 2.5 °
half value angle C0 : 53.2 °
C90 : 56.1 °
C180 : 54.0 °
C270 : 55.5 °
tenth value angle C0 : 70.5 °
C90 : 75.2 °
C180 : 72.4 °
C270 : 74.9 °

article code
Azar Teyf Co.

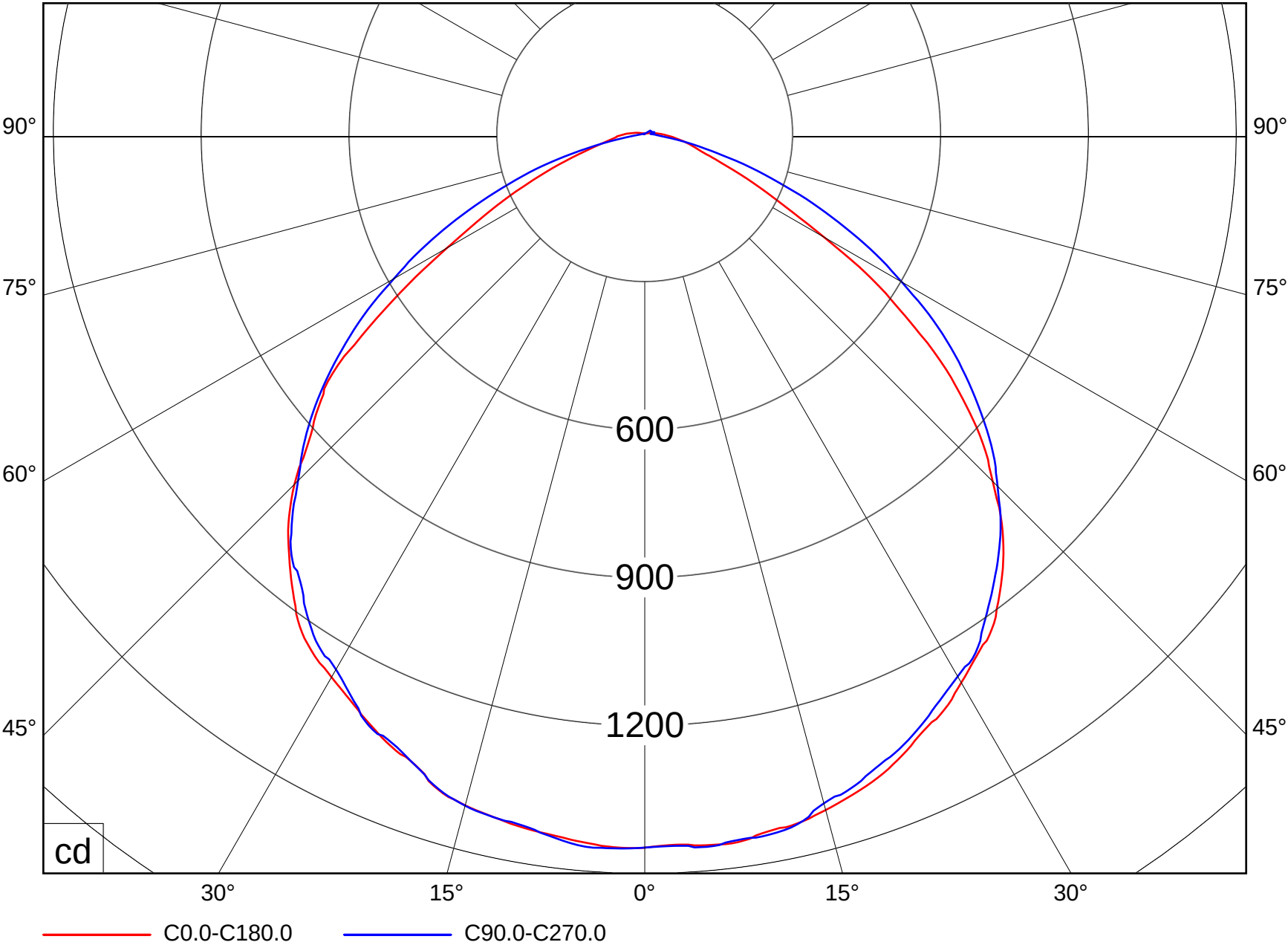
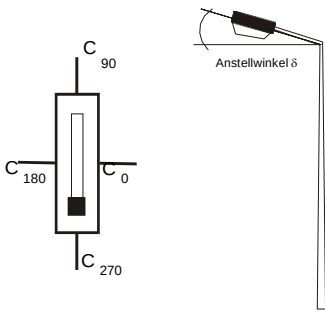
lamp(s)
1 x LED
total flux 3913 lm
LOR
100 %
tilt angle 0.0 °

remarks



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lamp(s)
1 x LED
total flux
3913 lm
LOR
100 %
tilt angle
0.0 °

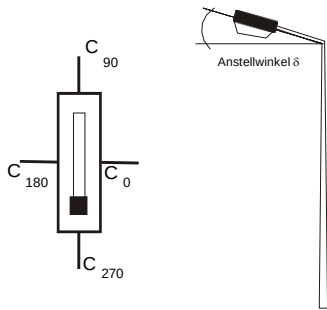


distance [m]	cone diameter [m]	E [lx]	
1.0	2.67	E(0°) 1448 E(C0) 53.2° 435	
2.0	5.35	E(0°) 362 E(C0) 53.2° 109	
3.0	8.02	E(0°) 161 E(C0) 53.2° 48	
4.0	10.69	E(0°) 91 E(C0) 53.2° 27	
5.0	13.37	E(0°) 58 E(C0) 53.2° 17	

half value angle 106.4°

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lamp(s)
1 x LED
total flux
3913 lm
LOR
100 %
tilt angle
0.0 °



article code

Azar Teyf Co.

lamp(s)

1 x LED

total flux

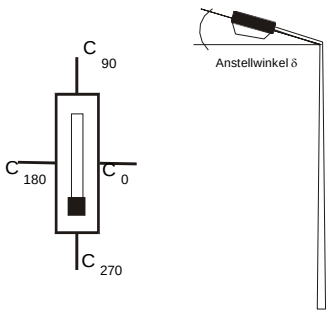
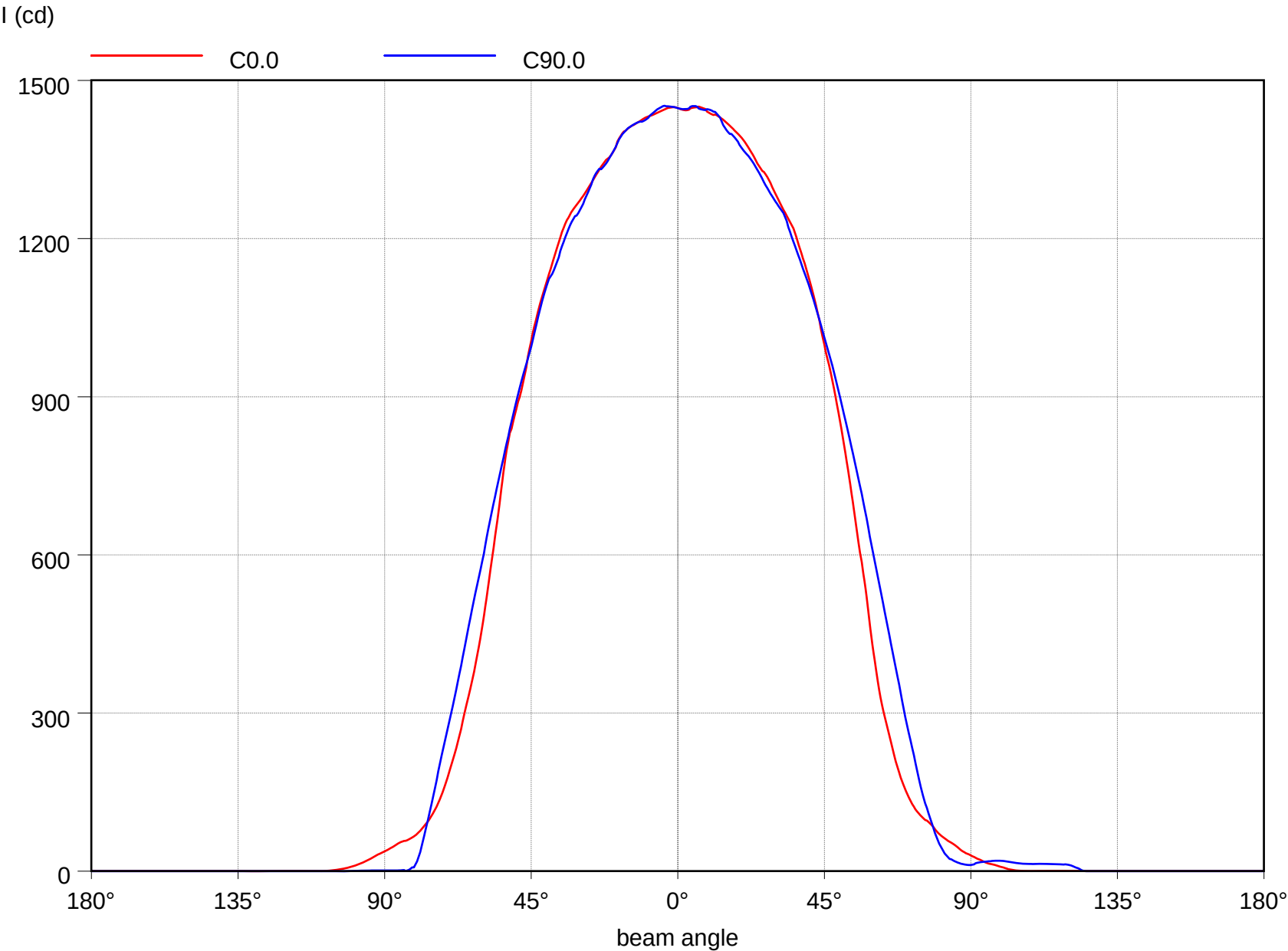
3913 lm

LOR

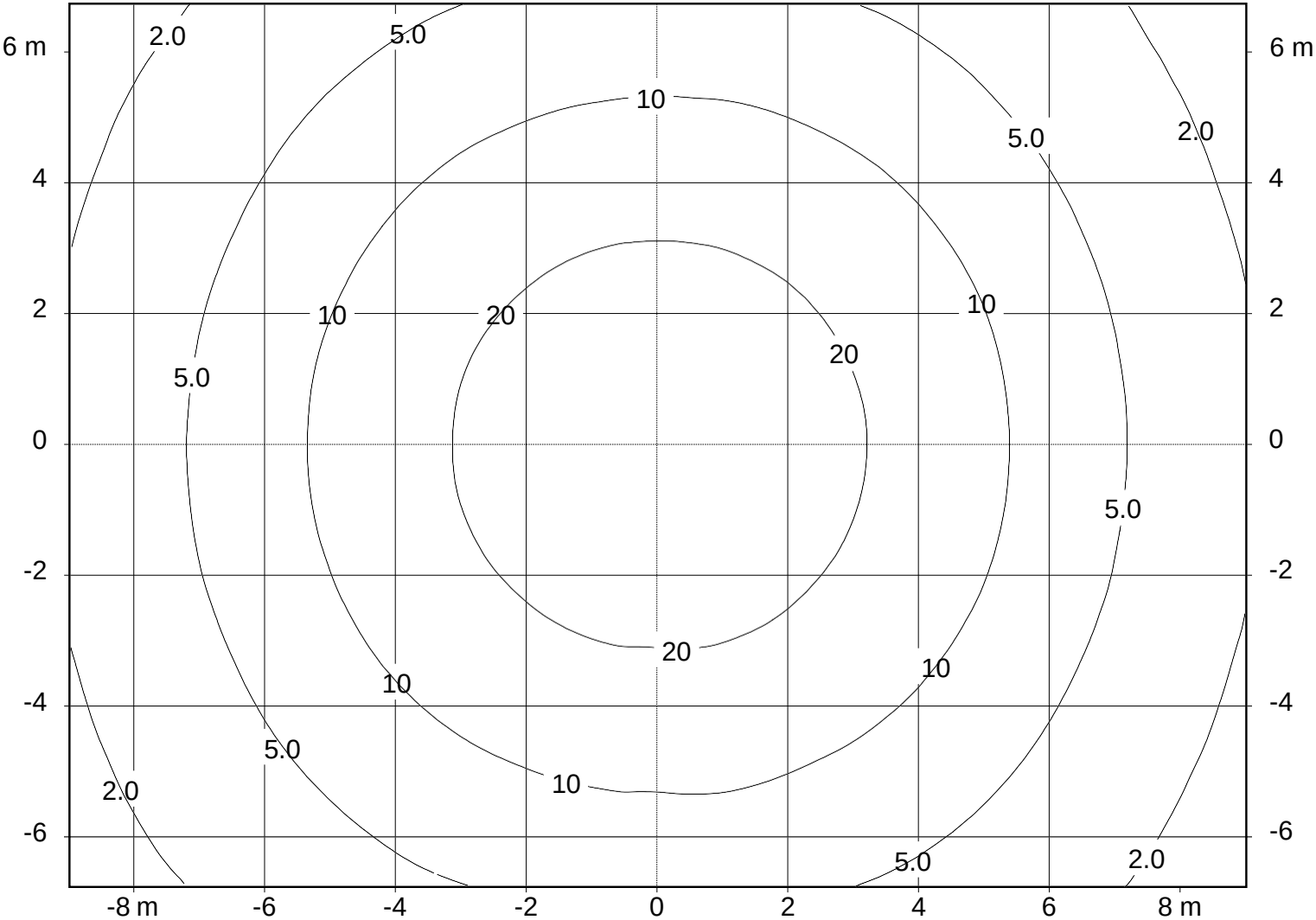
100 %

tilt angle

0.0 °

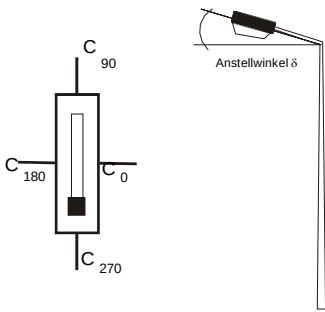


tilt angle : 0.0 °
swivel angle : 0.0 °
mounting height : 6.00 m
orientation : 0.0 °
light loss factor : 0.8



article code
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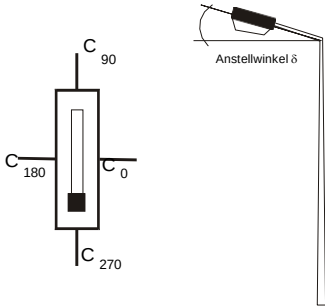
lamp(s)
1 x LED
total flux
3913 lm
LOR
100 %
tilt angle
0.0 °



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	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0
2.5	368.9	369.0	369.4	370.0	370.3	369.9	369.4	369.5	369.8	370.1	370.1	370.0	370.1	370.2	370.1	369.7	369.4	369.7
5.0	370.2	369.3	368.8	368.5	368.3	369.5	371.0	370.6	370.7	370.0	369.2	369.1	368.6	368.2	368.8	369.3	369.8	369.5
7.5	370.3	368.9	369.1	367.5	367.2	367.4	369.3	370.0	369.0	368.4	367.7	366.4	366.7	366.6	367.0	367.6	367.6	368.4
10.0	367.3	368.0	367.5	367.3	365.1	365.1	369.0	369.0	367.3	366.0	365.3	364.3	365.1	364.8	365.1	365.0	365.4	365.4
12.5	366.1	365.6	365.9	366.1	364.4	362.5	366.5	365.6	364.3	363.6	362.6	363.3	362.7	363.4	362.7	362.5	362.8	362.8
15.0	362.8	361.6	361.7	362.5	362.3	360.1	359.2	361.2	359.8	359.6	360.0	358.9	360.3	359.8	359.1	358.5	357.9	359.1
17.5	359.0	359.2	358.1	358.6	358.4	355.1	355.7	356.4	354.9	355.8	355.3	354.7	356.4	354.0	355.0	355.1	354.3	354.6
20.0	354.8	354.2	354.3	353.4	353.1	350.8	349.9	351.2	349.8	351.8	349.8	349.0	348.2	349.5	348.8	351.0	349.7	350.0
22.5	348.8	347.6	348.5	347.6	346.5	346.4	345.0	344.5	344.3	345.7	344.1	344.3	343.7	344.9	344.1	343.5	343.8	344.3
25.0	341.7	342.1	340.5	342.9	341.3	340.3	338.6	337.9	339.4	338.1	339.1	340.7	337.6	338.0	338.2	338.7	337.6	338.5
27.5	336.5	335.5	333.8	335.1	334.1	331.6	331.2	331.2	331.6	332.2	333.2	333.6	331.0	332.0	332.1	330.7	330.1	330.5
30.0	328.4	328.0	328.1	327.3	325.6	324.4	324.7	321.7	323.6	323.4	324.4	325.7	325.1	326.1	325.0	322.3	323.3	321.9
32.5	320.5	319.9	320.1	319.7	318.4	318.0	319.1	312.9	315.8	317.2	317.3	317.8	319.7	318.3	318.0	314.3	313.8	312.0
35.0	313.7	312.2	311.9	309.8	308.5	308.9	307.6	305.4	307.3	307.7	309.6	309.9	311.9	310.0	308.9	308.4	304.7	303.1
37.5	301.9	301.3	302.5	298.3	300.4	297.4	296.5	293.8	298.6	297.6	299.1	299.5	299.7	299.0	299.0	299.1	296.0	292.5
40.0	289.2	290.4	292.1	289.6	289.1	286.2	285.3	283.0	287.2	287.8	288.0	287.0	286.8	286.5	288.7	288.4	285.1	282.9
42.5	274.0	275.2	278.4	280.2	277.9	274.3	273.1	270.9	274.0	277.5	275.4	274.4	273.4	275.0	275.2	276.5	274.6	271.1
45.0	255.3	259.3	263.3	267.9	265.4	260.8	258.8	258.3	263.4	263.8	261.4	258.8	256.9	259.0	262.0	264.3	262.4	258.0
47.5	237.9	240.3	246.0	253.0	251.2	249.0	245.0	244.6	249.8	248.9	245.7	241.5	236.5	242.0	247.5	250.3	250.1	245.2
50.0	216.4	220.2	227.5	236.3	238.5	233.6	228.7	228.2	235.5	234.6	227.2	221.9	221.1	223.7	228.7	235.2	236.4	229.7
52.5	193.0	197.5	207.4	215.4	222.1	217.1	211.7	212.8	219.8	217.8	207.1	203.8	204.1	205.6	208.7	217.0	220.4	212.5
55.0	165.0	169.7	183.8	195.5	203.4	199.1	194.1	194.9	202.3	196.9	186.6	178.6	174.4	180.0	188.8	197.4	201.7	195.8
57.5	138.8	142.2	154.3	173.3	183.8	179.6	175.0	176.4	182.4	174.2	163.8	150.6	145.6	151.5	165.4	174.1	182.3	177.5
60.0	107.7	111.9	126.0	146.9	161.8	160.2	154.0	157.8	161.4	151.9	134.6	122.0	118.5	123.0	135.7	153.3	163.8	160.5
62.5	82.5	85.3	96.2	115.7	137.7	141.7	134.8	139.4	138.0	123.9	104.8	98.3	96.7	99.3	107.3	129.9	142.7	142.0
65.0	65.8	66.4	71.5	87.9	114.3	120.8	114.0	118.9	112.8	93.4	82.3	79.5	79.4	80.9	84.3	98.7	119.6	123.0
67.5	50.3	50.5	54.4	62.4	90.1	100.5	94.4	98.1	92.1	68.6	64.8	62.5	62.5	64.0	67.2	73.2	96.4	103.1
70.0	39.2	38.7	41.5	44.7	61.2	81.3	74.0	79.0	62.0	50.7	50.5	49.4	48.7	50.1	52.2	54.2	71.8	84.5
72.5	31.2	30.4	30.7	32.1	38.4	61.2	56.3	59.5	40.1	38.6	39.5	37.7	36.7	38.3	39.8	41.0	44.6	66.4
75.0	26.3	23.9	24.6	24.0	24.6	42.2	38.6	37.4	26.7	28.3	28.8	28.7	28.4	29.0	29.4	30.4	29.2	48.1
77.5	23.1	21.2	18.6	17.4	16.2	22.8	25.8	21.3	18.3	21.0	22.7	22.0	22.2	22.3	22.5	22.4	20.3	27.8
80.0	18.5	18.9	15.6	13.0	11.5	10.7	14.5	10.0	13.1	15.5	17.3	17.8	18.0	17.9	17.1	16.4	13.8	12.6
82.5	15.3	14.7	13.1	9.5	7.9	6.2	7.5	6.6	9.3	11.4	13.4	15.0	15.4	14.4	12.9	12.0	10.2	7.4

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
3913 lm
LOR
100 %
tilt angle
0.0 °

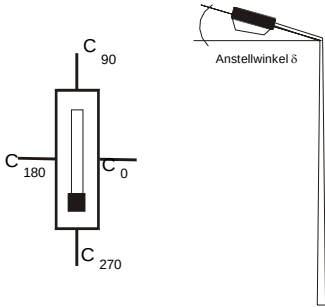


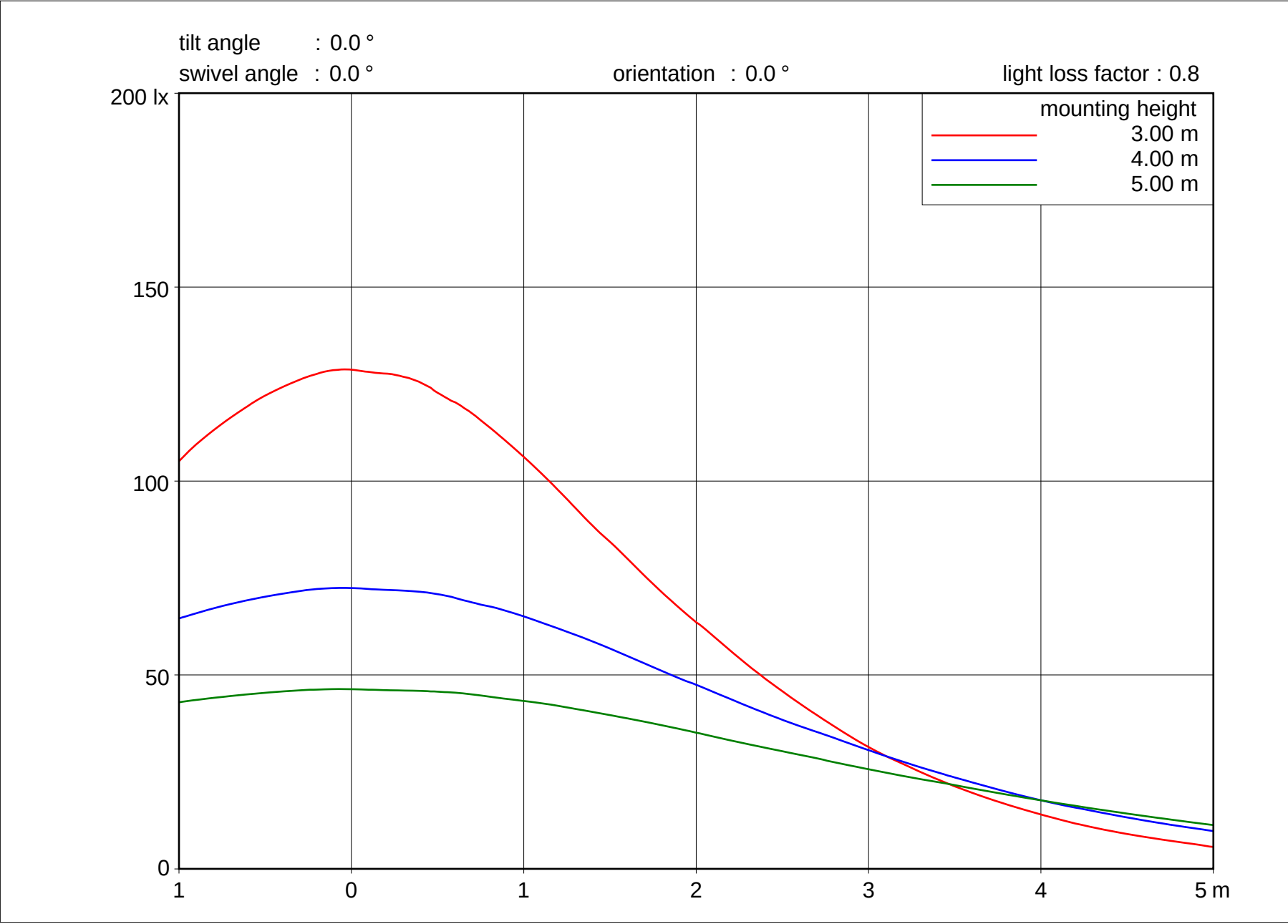
file : STREETLIGHT_LED_40W_6500K

gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	370.0	370.0	370.0	370.0	370.0	370.0
2.5	370.7	371.5	371.1	370.6	370.2	369.6
5.0	370.6	370.6	369.9	370.0	368.8	369.0
7.5	367.6	368.1	368.0	368.3	369.5	370.3
10.0	364.1	365.6	365.9	368.4	368.7	369.0
12.5	362.8	363.3	364.7	366.5	366.3	365.3
15.0	360.5	359.8	363.5	362.4	361.8	362.6
17.5	356.0	355.5	359.1	358.8	360.2	360.6
20.0	348.3	351.0	354.0	354.6	356.3	355.5
22.5	342.0	346.3	348.0	348.9	349.4	348.7
25.0	338.5	342.4	341.6	342.5	342.3	342.2
27.5	329.2	334.4	336.3	335.5	335.1	336.9
30.0	320.5	327.6	328.5	327.3	327.7	328.3
32.5	314.8	318.9	319.9	319.6	320.0	321.0
35.0	305.1	309.9	311.2	311.3	311.6	311.1
37.5	293.3	299.3	300.1	301.8	302.2	302.5
40.0	285.0	288.6	289.6	290.9	289.9	289.2
42.5	270.6	276.4	277.6	280.5	278.4	275.4
45.0	254.3	263.1	265.3	268.7	263.5	257.7
47.5	240.2	249.3	251.9	253.4	245.6	237.9
50.0	224.6	232.5	237.2	235.8	225.8	220.0
52.5	207.5	216.0	220.4	216.9	207.7	198.0
55.0	189.4	198.4	203.8	197.1	185.4	171.1
57.5	170.8	179.5	185.1	175.9	156.1	142.9
60.0	150.2	159.9	162.9	150.5	128.9	113.4
62.5	131.7	141.5	139.4	121.6	98.9	85.8
65.0	111.7	122.2	115.9	91.6	73.0	67.6
67.5	91.8	101.4	90.4	65.5	56.4	51.6
70.0	73.2	80.8	62.9	46.8	43.3	39.3
72.5	55.8	61.0	39.8	33.9	32.0	31.4
75.0	36.8	41.1	26.1	24.8	25.2	25.2
77.5	19.2	25.3	17.4	18.1	19.9	21.8
80.0	4.8	11.3	12.1	13.7	16.8	18.9
82.5	0.7	6.8	8.5	10.5	14.0	14.9

article code
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lamp(s)
1 x LED
total flux
3913 lm
LOR
100 %
tilt angle
0.0 °





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1 x LED
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100 %
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0.0 °

