

meas. no. 02L1834
meas. date 11/1/2023
operator LightLab.

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 0.995 A
power consumption 152.8 W
Leistungsfaktor 0.667

meas. lamps lum. flux [lm]
absolute measurement 16755.2 lm
luminous efficacy 110 lm/w

dimensions of luminaire
length 700 mm
width 285 mm
height 75 mm

dimensions of luminous area
length 330 mm
width 190 mm
height C0 20 mm
height C90 20 mm
height C180 20 mm
height C270 20 mm

reflector

cover

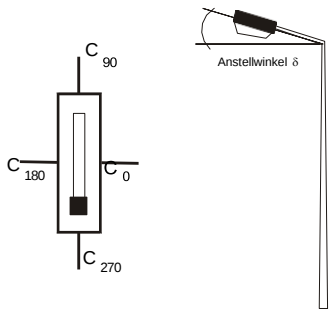
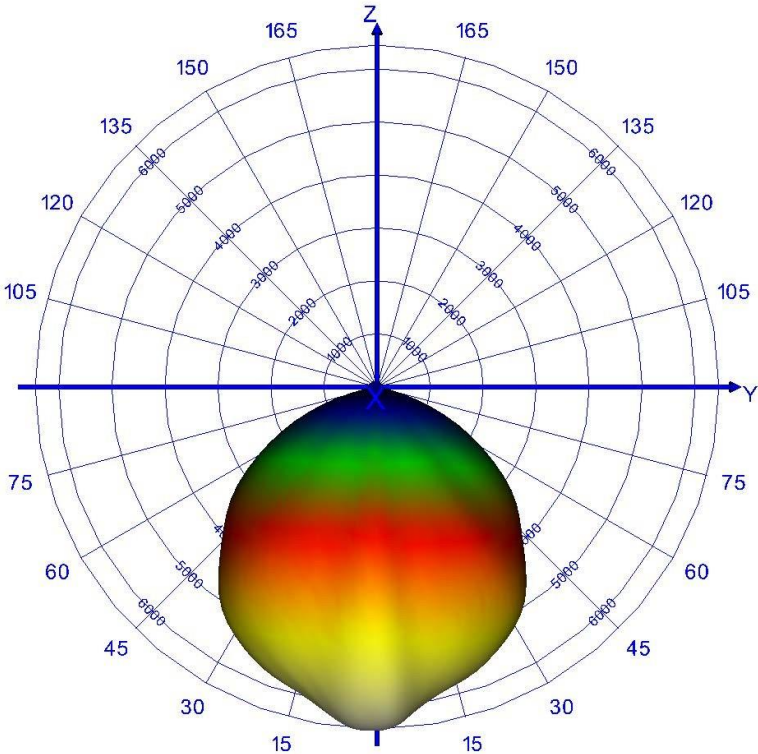
variant

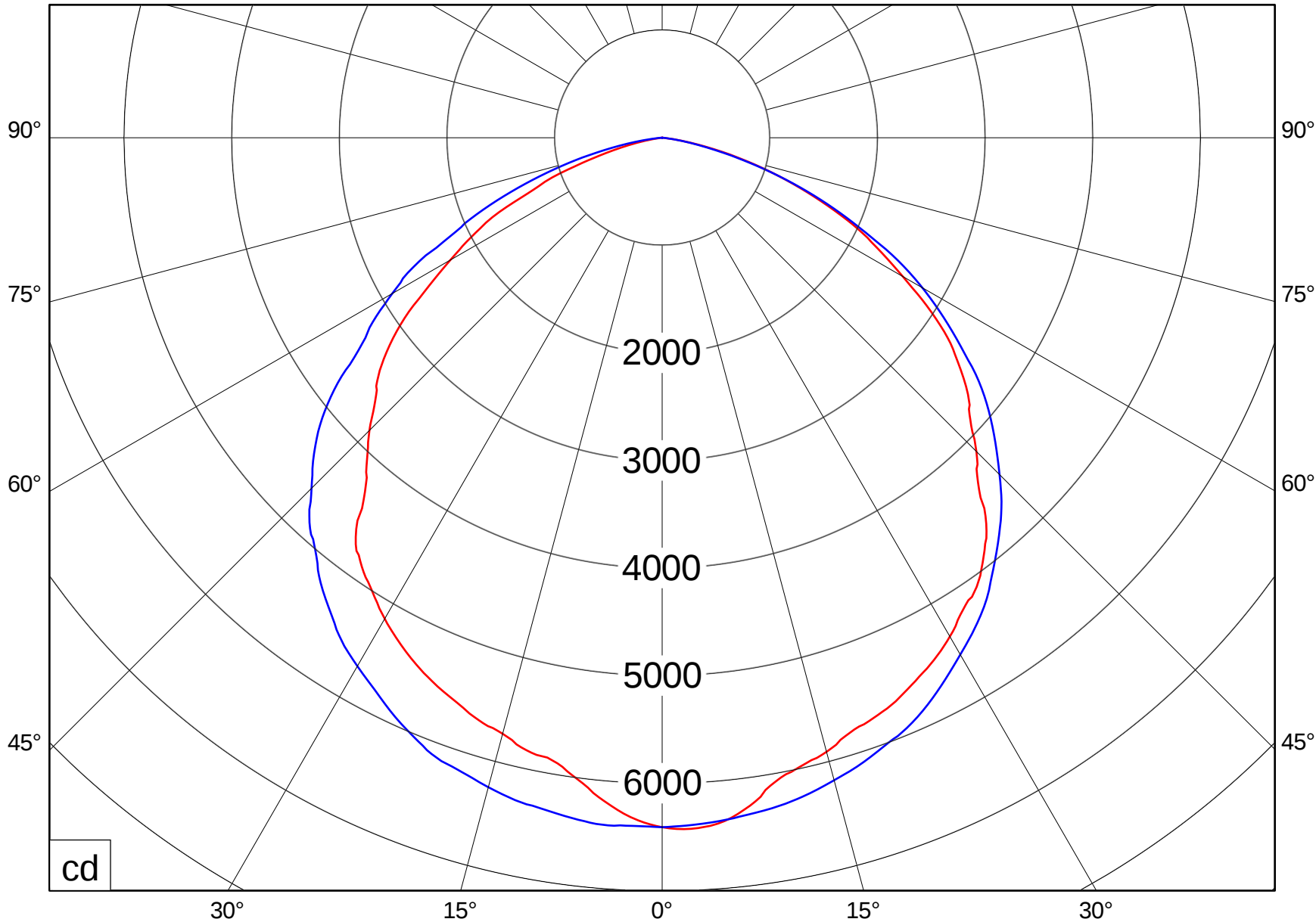
measurement results
flux of luminaire 16755.2 lm
classification / DIN A40
lower flux fraction 100.00 %
upper flux fraction 0.00 %
intensity maximum 6444.1 cd
in C-plane 220.0 °
at gamma 5.0 °
half value angle C0 : 55.2 °
C90 : 56.5 °
C180 : 52.4 °
C270 : 57.3 °
tenth value angle C0 : 76.0 °
C90 : 75.6 °
C180 : 73.7 °
C270 : 77.0 °

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux 16755 lm
LOR
100 %
tilt angle 0.0 °

remarks

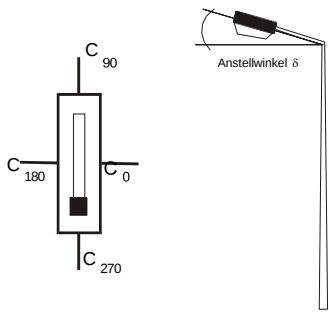




— C0.0-C180.0 — C90.0-C270.0

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lamp(s)
1 x LED
total flux
16755 lm
LOR
100 %
tilt angle
0.0 °

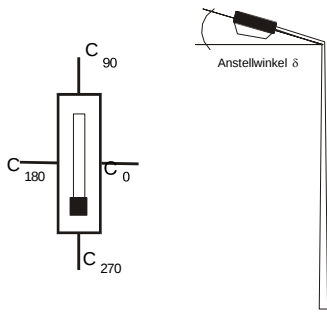


distance [m]	cone diameter [m]	E [lx]	
1.0	2.88	E(0°) E(C0) 55.2°	6409 1835
2.0	5.76	E(0°) E(C0) 55.2°	1602 459
3.0	8.63	E(0°) E(C0) 55.2°	712 204
4.0	11.51	E(0°) E(C0) 55.2°	401 115
5.0	14.39	E(0°) E(C0) 55.2°	256 73

half value angle 110.4°

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LOR
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tilt angle
0.0 °

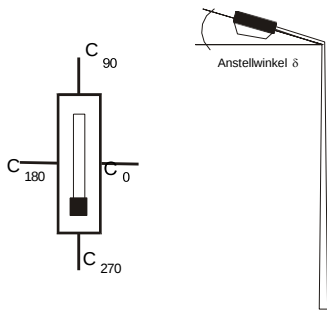
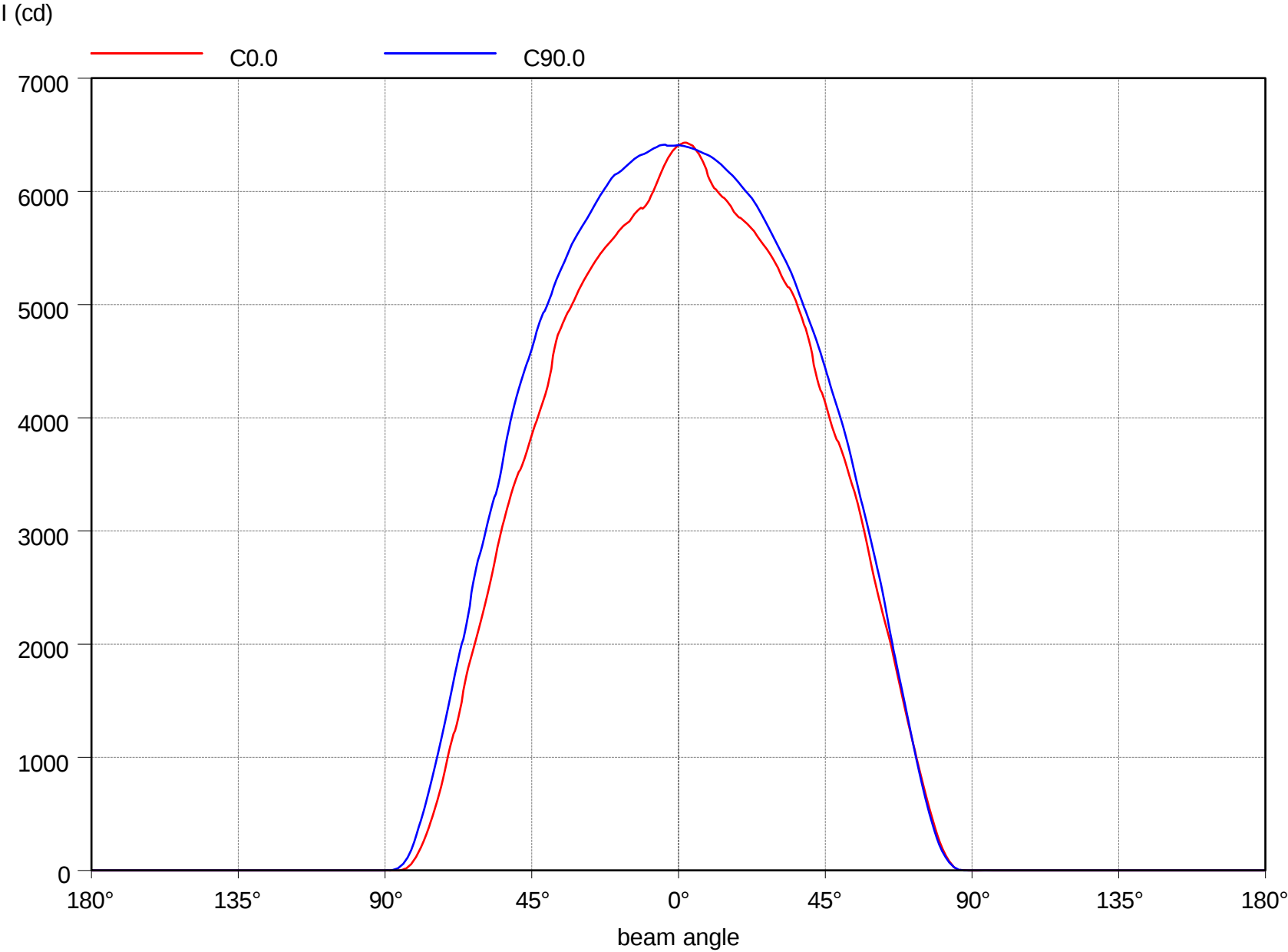


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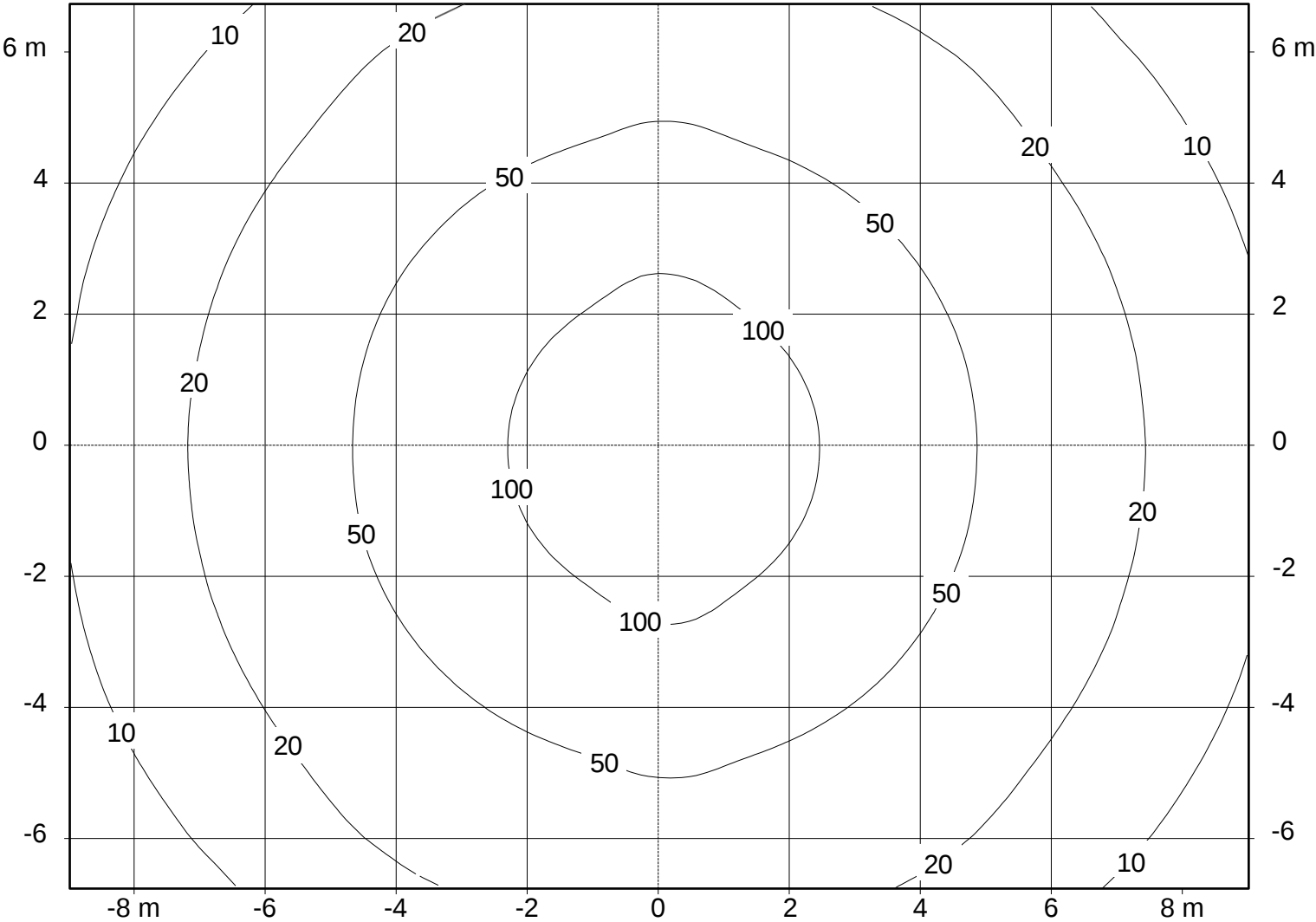
Azar Teyf Co.

lamp(s)

1 x LED
total flux
16755 lm
LOR
100 %
tilt angle
0.0 °

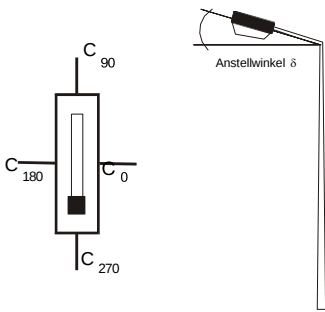


tilt angle : 0.0 °
swivel angle : 0.0 °
mounting height : 6.00 m
orientation : 0.0 °
light loss factor : 0.8



article code
Azar Teyf Co.

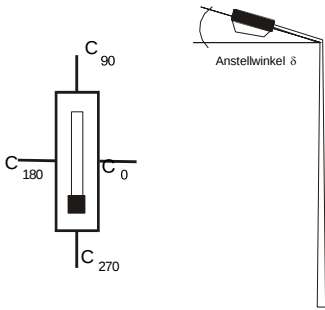
lamp(s)
1 x LED
total flux
16755 lm
LOR
100 %
tilt angle
0.0 °



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	382.5	382.5	382.5	382.5	382.5	382.5	382.5	382.5	382.5	382.5	382.5	382.5	382.5	382.5	382.5	382.5	382.5	382.5
2.5	383.7	383.7	383.5	382.9	382.4	382.2	381.7	380.9	380.1	379.4	378.7	378.1	377.8	377.8	378.3	379.4	380.6	381.5
5.0	381.1	381.3	381.4	381.3	380.9	380.5	380.3	378.9	376.5	374.0	371.8	370.1	369.5	370.1	372.1	374.6	377.5	380.8
7.5	373.7	373.4	374.3	377.2	378.2	378.7	378.4	377.1	373.4	367.7	362.3	359.4	359.1	359.4	362.7	367.9	373.4	378.3
10.0	362.7	363.2	365.5	370.5	373.6	376.1	376.4	373.8	367.4	359.0	353.7	351.8	350.8	351.5	354.8	358.1	367.7	374.9
12.5	357.0	355.4	356.6	360.8	368.1	372.3	373.1	370.5	358.8	350.3	348.1	348.1	348.1	347.3	348.2	351.8	359.4	371.0
15.0	352.7	351.5	351.2	353.0	361.7	367.9	369.0	365.0	351.0	344.7	343.3	343.3	342.4	343.9	344.1	346.0	351.7	366.1
17.5	346.2	347.0	346.0	345.9	352.4	362.3	364.7	358.5	344.1	340.0	338.7	339.1	338.8	339.9	339.8	341.3	345.0	359.3
20.0	342.7	342.7	341.3	341.2	344.1	356.0	359.5	350.4	336.3	335.2	334.0	334.7	333.4	334.9	335.5	336.4	338.5	352.4
22.5	338.5	337.4	336.1	336.6	335.6	348.9	354.5	342.6	330.4	329.6	328.2	328.3	328.4	328.9	329.5	330.0	331.6	344.9
25.0	332.5	331.1	330.3	329.0	328.6	340.9	347.6	332.8	323.6	322.8	323.3	321.5	322.6	323.3	323.4	324.2	325.9	336.9
27.5	326.6	325.4	323.4	324.1	321.3	331.4	339.5	322.8	316.3	315.4	315.5	315.5	315.7	315.5	316.1	316.3	320.4	327.3
30.0	319.5	318.3	316.7	316.2	313.4	321.2	331.0	312.8	309.2	308.9	307.2	307.6	308.1	308.3	308.9	310.8	311.8	317.7
32.5	310.6	310.3	307.4	307.0	305.6	310.9	322.8	304.5	300.6	299.2	299.0	298.1	299.0	300.8	301.7	303.6	303.8	309.4
35.0	304.2	302.2	299.2	298.5	296.6	298.1	313.4	292.8	290.8	290.9	289.8	289.6	290.5	291.3	292.6	294.4	296.4	298.3
37.5	293.0	291.5	290.2	287.6	285.9	287.5	301.7	283.5	281.1	279.6	280.1	278.9	279.3	281.9	282.9	284.3	286.6	288.5
40.0	279.7	279.4	279.8	278.3	275.3	276.0	290.4	271.7	270.3	269.8	268.2	261.6	256.5	264.6	273.0	274.6	276.5	277.6
42.5	259.4	261.7	267.5	266.8	264.7	263.2	278.6	260.6	259.5	257.1	251.8	242.0	242.4	244.7	257.5	264.6	266.2	266.7
45.0	246.6	244.6	250.2	252.9	253.2	250.4	264.9	248.6	246.6	246.1	231.3	228.3	229.6	230.2	236.2	251.9	253.7	254.6
47.5	231.9	231.3	230.6	241.2	239.3	237.1	250.6	234.8	233.1	228.3	215.4	216.0	215.9	219.0	219.8	237.6	240.7	243.1
50.0	221.5	218.7	216.4	224.5	225.4	223.2	236.9	220.9	218.6	206.7	203.7	203.0	205.6	205.4	208.0	217.9	227.9	229.4
52.5	207.7	206.0	203.9	204.3	211.3	208.4	221.0	205.0	204.1	190.2	189.1	190.2	191.3	191.6	194.2	197.5	214.5	214.0
55.0	193.3	191.1	189.2	188.3	195.3	192.5	202.4	189.5	186.8	173.7	175.0	175.2	174.3	178.7	180.5	181.8	196.6	190.9
57.5	174.5	175.4	173.6	172.6	178.7	176.5	185.0	173.4	166.7	158.4	159.3	156.2	153.7	159.1	165.8	166.5	173.6	175.5
60.0	154.3	153.8	157.1	155.9	158.1	160.1	166.7	156.2	144.2	142.7	138.3	133.8	135.7	137.6	147.6	151.0	151.3	159.7
62.5	136.4	134.7	134.2	137.8	136.2	141.8	147.4	138.4	126.1	125.8	117.7	118.3	119.5	121.6	125.4	130.4	132.4	142.4
65.0	119.8	118.1	115.7	119.7	118.3	121.6	124.5	116.6	109.6	104.0	101.1	101.5	103.0	105.4	107.6	111.3	115.5	121.1
67.5	100.6	99.5	98.9	97.2	99.1	100.6	103.6	96.3	90.1	84.3	84.4	79.3	80.8	85.3	90.6	91.0	96.2	102.0
70.0	81.1	79.1	79.3	79.0	78.8	81.1	83.1	75.4	70.4	67.1	63.6	63.8	65.3	67.4	68.4	72.7	77.6	83.4
72.5	63.0	61.3	60.0	60.1	59.7	60.1	62.3	54.3	49.5	46.7	47.6	45.5	46.2	49.4	51.4	54.3	60.4	64.1
75.0	45.5	43.7	42.5	41.7	41.0	40.8	43.2	36.9	34.0	31.4	31.3	30.2	31.0	34.5	34.9	37.5	40.9	46.1
77.5	29.3	27.9	26.8	25.7	25.7	25.8	26.5	23.0	19.6	18.1	17.7	17.7	18.3	20.0	21.1	23.5	26.5	30.4
80.0	15.6	15.3	14.0	13.6	13.6	13.3	13.5	11.2	9.3	8.3	7.9	8.1	8.6	9.6	10.6	12.2	14.7	17.4

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Azar Teyf Co.

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1 x LED
total flux
16755 lm
LOR
100 %
tilt angle
0.0 °

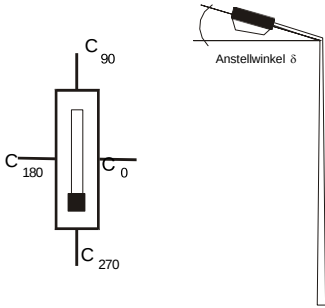


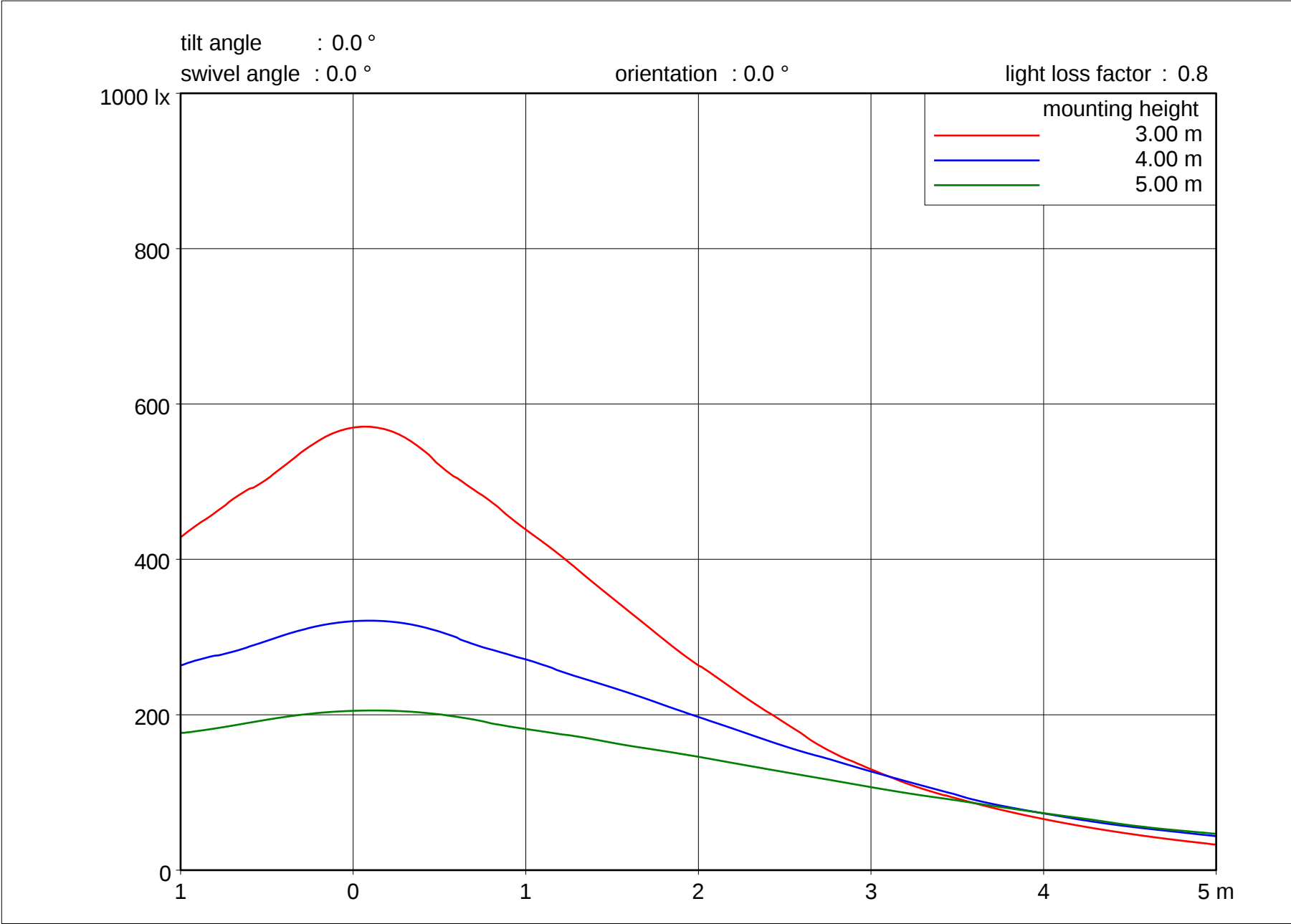
file : STREETLIGHT_LED_150W_6500K

gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	382.5	382.5	382.5	382.5	382.5	382.5
2.5	382.2	383.1	384.0	384.4	384.6	384.2
5.0	382.6	383.6	384.1	384.5	383.4	382.0
7.5	380.9	382.7	383.6	380.4	377.4	374.7
10.0	378.4	381.4	379.4	373.3	367.5	364.7
12.5	376.5	379.1	374.2	365.1	360.0	357.6
15.0	373.0	375.0	366.9	356.8	353.9	352.4
17.5	369.1	370.9	357.2	351.1	350.1	349.1
20.0	366.1	365.2	350.9	347.1	345.3	344.4
22.5	359.9	357.8	343.1	341.6	340.0	339.4
25.0	353.1	349.8	336.1	334.9	334.6	333.8
27.5	345.4	340.7	329.4	327.8	328.1	326.9
30.0	338.4	332.4	322.6	321.8	322.3	320.2
32.5	331.0	321.0	314.8	313.6	312.9	312.9
35.0	321.0	312.0	306.3	306.0	304.7	303.0
37.5	311.2	299.8	296.1	297.5	296.1	295.5
40.0	299.3	288.2	286.3	286.2	285.0	283.8
42.5	289.5	277.2	276.0	275.4	274.5	263.6
45.0	275.1	264.5	263.4	263.8	256.2	248.0
47.5	262.2	251.8	252.5	252.6	238.0	234.5
50.0	247.7	239.0	238.9	235.0	223.4	221.9
52.5	229.0	222.4	224.5	214.6	210.8	208.6
55.0	205.7	199.7	208.6	195.6	195.9	194.4
57.5	190.3	182.5	185.7	180.7	180.7	179.0
60.0	172.8	167.0	163.4	164.8	165.2	157.8
62.5	155.8	150.3	142.3	144.0	143.2	138.4
65.0	130.0	128.4	124.6	124.8	123.1	121.8
67.5	112.0	107.8	105.1	103.4	105.8	103.6
70.0	91.0	89.3	85.7	84.0	84.2	82.5
72.5	71.5	69.3	67.2	65.7	63.8	65.2
75.0	52.7	49.8	47.6	46.5	47.6	46.6
77.5	35.3	33.3	32.2	31.3	31.0	30.5
80.0	20.7	19.7	18.6	17.9	17.2	17.2

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
16755 lm
LOR
100 %
tilt angle
0.0 °





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