

meas. no. 02L1833
meas. date 10/30/2023
operator LightLab.

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 0.645 A
power consumption 91.2 W
Leistungsfaktor 0.615

meas. lamps lum. flux [lm]
absolute measurement 8115.9 lm
luminous efficacy 89 lm/w

dimensions of luminaire
length 590 mm
width 260 mm
height 70 mm

dimensions of luminous area
length 260 mm
width 160 mm
height C0 25 mm
height C90 25 mm
height C180 25 mm
height C270 25 mm

reflector

cover

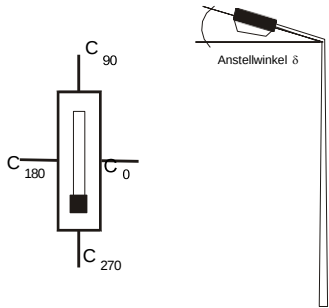
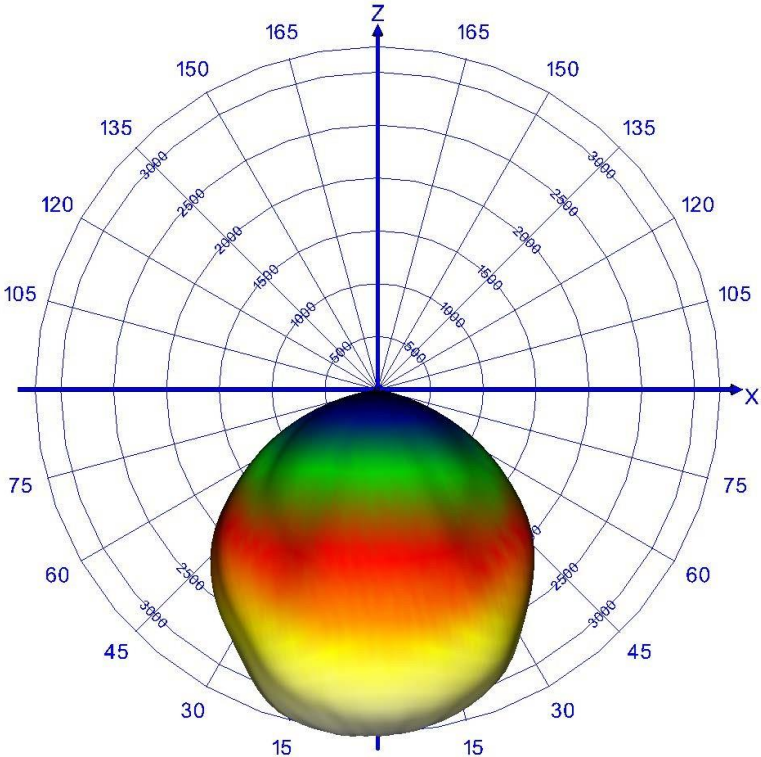
variant

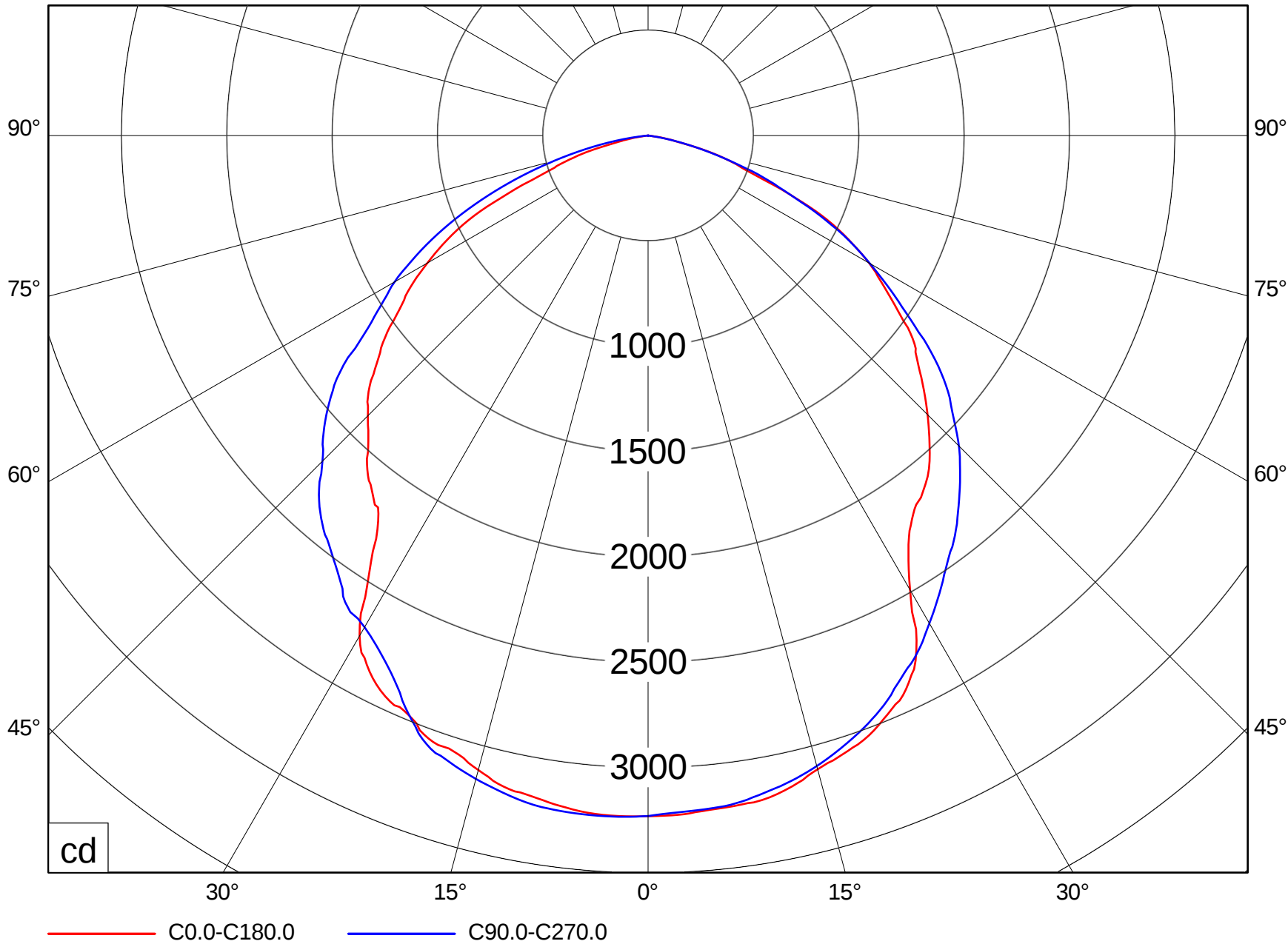
measurement results
flux of luminaire 8115.9 lm
classification / DIN A40
lower flux fraction 100.00 %
upper flux fraction 0.00 %
intensity maximum 3241.5 cd
in C-plane 210.0 °
at gamma 5.0 °
half value angle C0 : 51.6 °
C90 : 53.6 °
C180 : 51.5 °
C270 : 55.4 °
tenth value angle C0 : 74.5 °
C90 : 74.3 °
C180 : 74.4 °
C270 : 77.3 °

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux 8116 lm
LOR
100 %
tilt angle 0.0 °

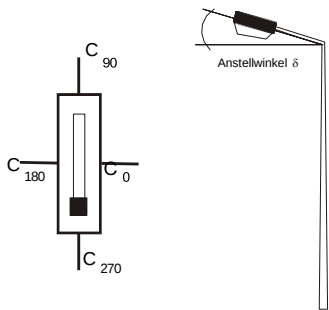
remarks

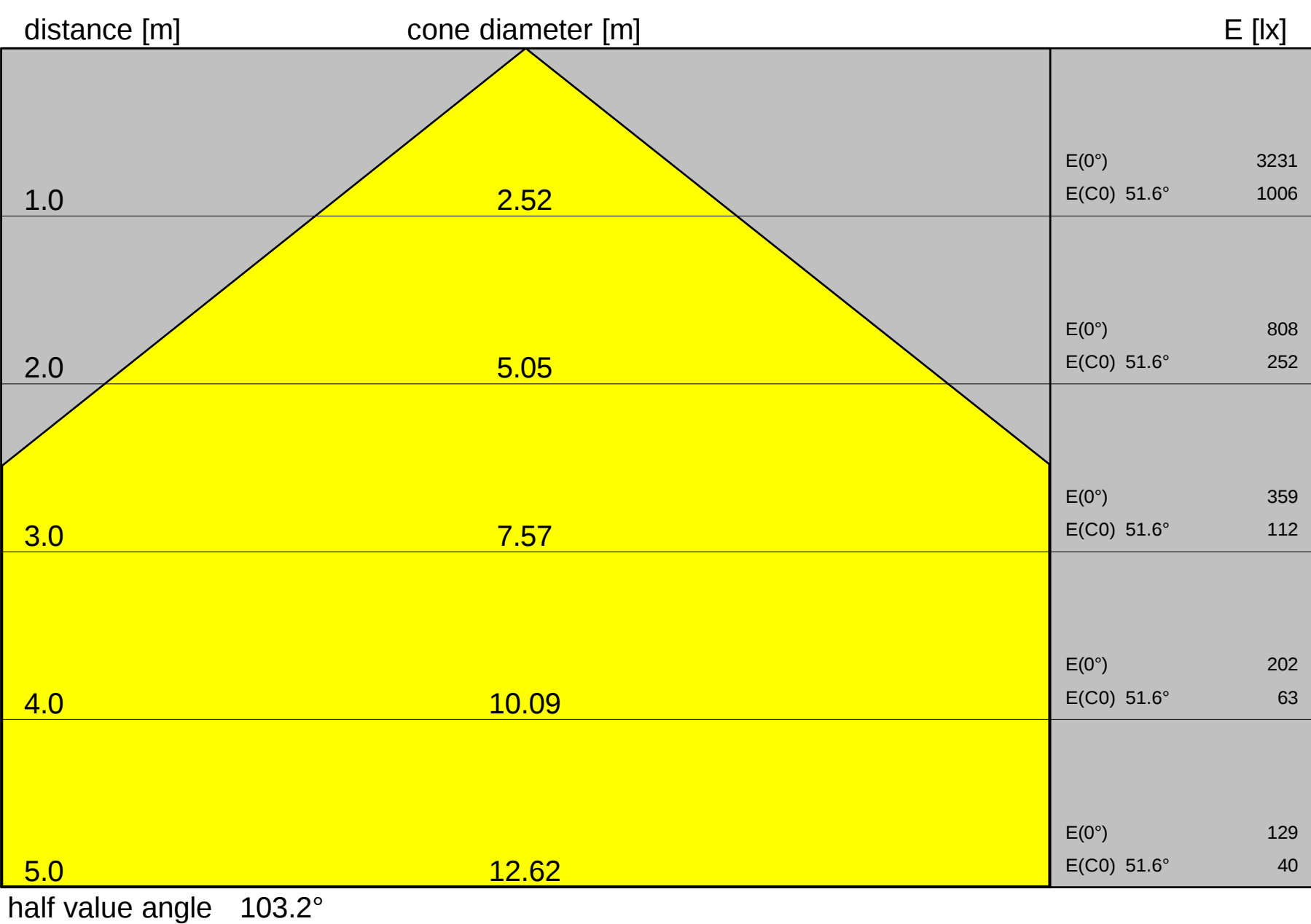




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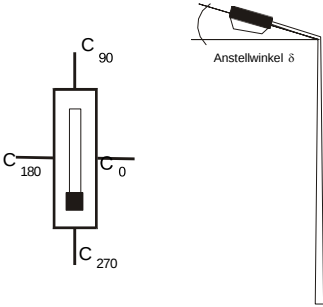
lamp(s)
1 x LED
total flux
8116 lm
LOR
100 %
tilt angle
0.0 °





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lamp(s)
1 x LED
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tilt angle
0.0 °



article code

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lamp(s)

1 x LED

total flux

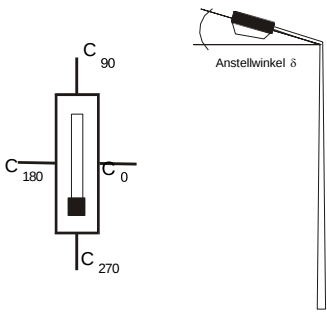
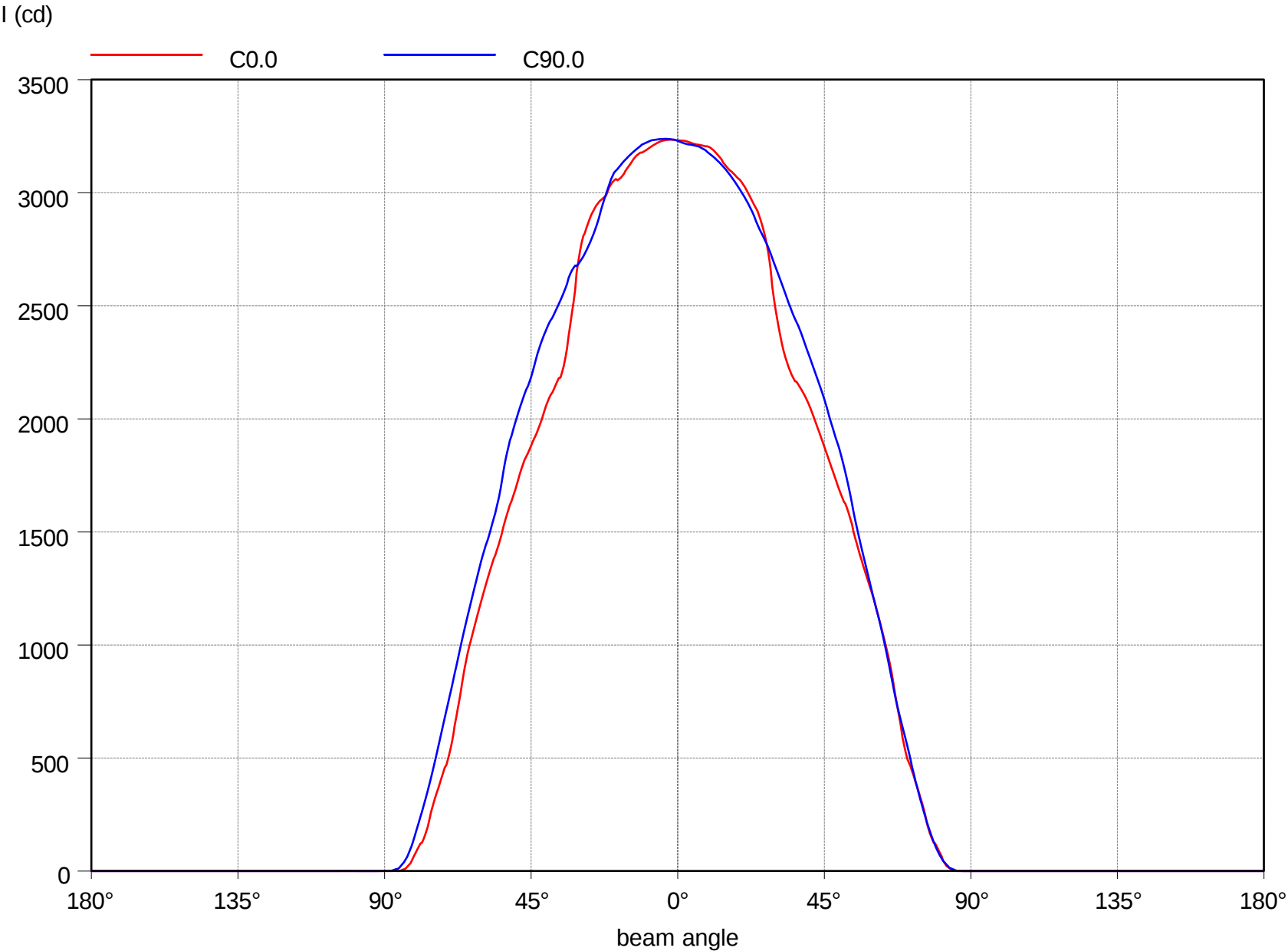
8116 lm

LOR

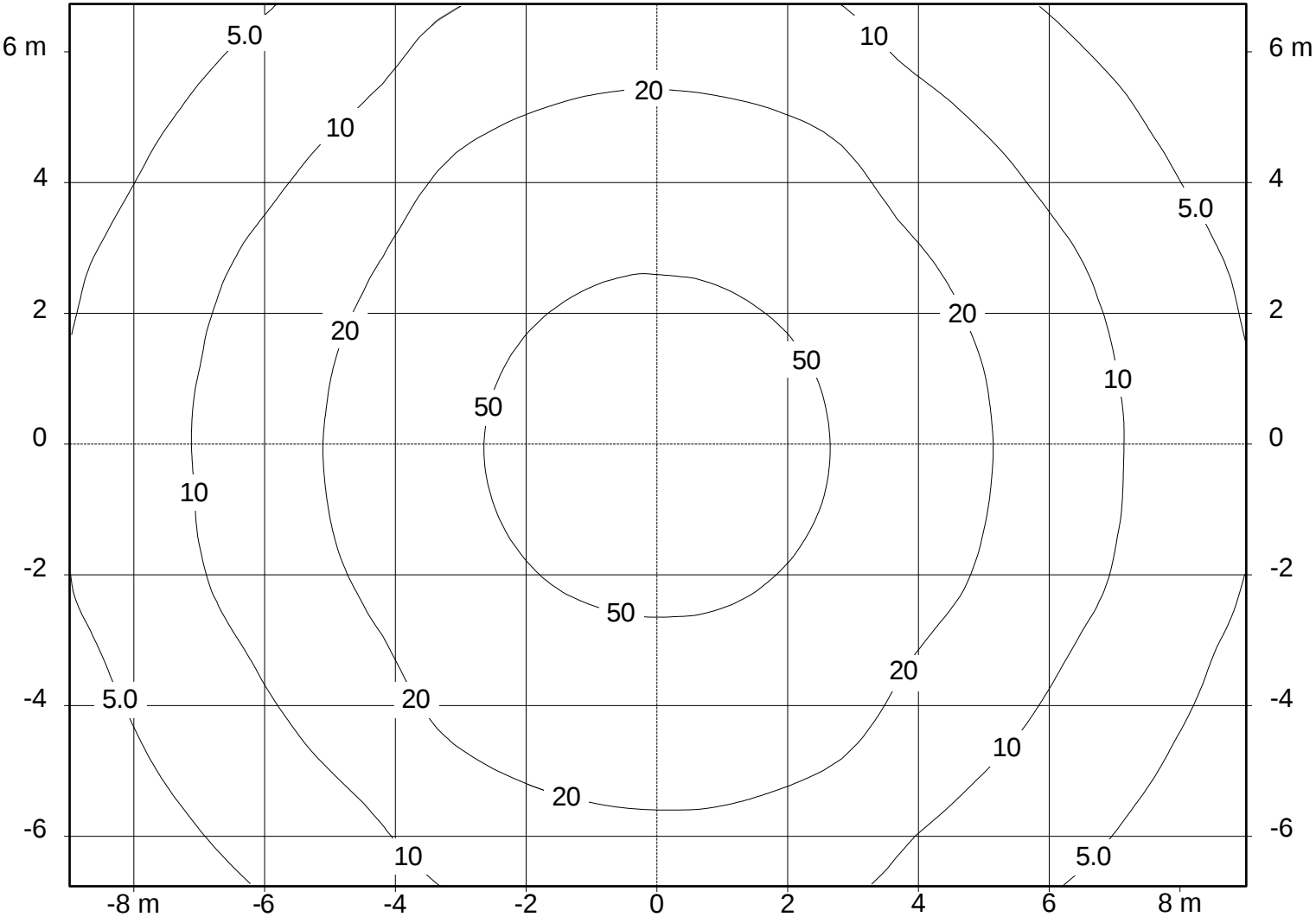
100 %

tilt angle

0.0 °

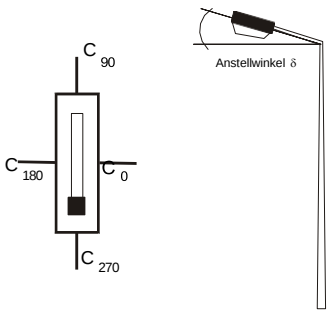


tilt angle : 0.0 °
swivel angle : 0.0 °
mounting height : 6.00 m
orientation : 0.0 °
light loss factor : 0.8



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1 x LED
total flux
8116 lm
LOR
100 %
tilt angle
0.0 °

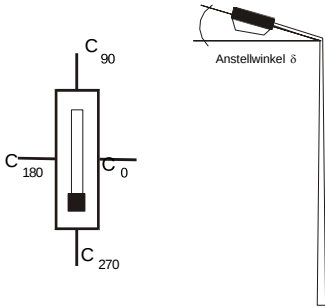


file : STREETLIGHT_LED_100W_4000K

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	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1
2.5	397.8	397.4	397.1	396.7	396.6	396.6	396.3	396.4	396.9	397.5	398.1	398.4	398.6	398.4	398.4	398.7	399.1	398.9
5.0	396.3	395.9	396.0	395.3	394.8	395.3	395.6	396.4	396.6	397.2	397.0	397.4	397.8	397.5	397.0	397.9	398.4	398.9
7.5	395.4	395.1	394.4	394.0	394.8	393.2	394.1	394.5	395.6	394.7	394.9	395.7	395.5	395.6	395.8	395.9	395.4	398.3
10.0	394.2	392.2	392.1	391.1	388.0	390.1	390.6	392.5	393.7	391.6	390.1	392.0	392.5	392.5	393.5	394.1	395.1	393.8
12.5	389.9	387.6	388.4	387.0	386.7	386.8	386.8	388.3	387.8	387.5	387.8	390.5	390.2	389.4	391.2	390.4	391.5	391.2
15.0	383.8	383.6	382.5	382.6	382.6	380.6	381.8	383.9	383.7	383.6	382.9	382.4	384.2	385.3	385.2	387.7	389.5	387.9
17.5	379.5	379.8	376.3	376.5	377.6	377.0	375.7	378.2	378.5	378.2	378.9	380.6	377.8	380.5	383.4	383.2	385.0	382.8
20.0	374.5	370.0	370.6	370.5	373.0	368.6	368.9	374.8	371.5	369.9	373.1	374.6	375.4	375.3	376.3	378.3	377.3	377.7
22.5	366.4	368.1	367.7	363.5	363.0	360.5	360.6	365.3	365.5	365.8	365.0	365.1	366.8	372.1	370.8	369.6	367.7	367.7
25.0	357.3	358.0	358.5	354.6	353.0	354.3	350.3	355.9	358.0	359.6	357.8	358.6	362.7	360.2	362.6	362.8	359.1	353.6
27.5	340.0	343.5	347.9	350.5	348.4	346.9	341.1	347.5	345.6	348.8	350.2	352.5	353.2	351.1	355.5	355.9	347.4	339.9
30.0	306.5	312.8	331.0	341.0	336.6	328.0	329.4	326.0	336.5	339.1	339.9	338.5	337.6	344.8	342.6	345.7	335.0	330.7
32.5	283.7	284.8	302.1	327.3	321.2	317.6	317.4	319.6	321.5	329.8	328.4	310.5	303.8	317.6	335.6	327.2	321.2	321.4
35.0	270.4	268.6	270.6	307.9	308.2	306.5	305.2	307.4	311.3	317.9	303.5	277.9	275.3	284.0	312.5	312.6	312.5	315.6
37.5	263.8	264.3	257.6	278.4	295.6	295.2	294.9	296.3	297.0	300.0	269.4	262.3	264.6	266.3	279.7	301.1	304.3	304.0
40.0	255.5	253.5	249.6	244.2	281.6	281.4	282.7	285.3	285.5	274.6	251.9	251.9	255.5	255.6	255.8	283.4	293.5	294.7
42.5	243.8	241.0	237.8	229.2	268.2	266.9	270.2	272.1	271.5	242.2	239.1	241.1	242.3	247.4	242.9	255.1	282.7	280.7
45.0	231.3	230.3	224.8	216.8	246.2	258.9	257.2	258.7	256.3	219.1	227.4	229.1	231.9	236.6	226.1	225.8	267.8	270.5
47.5	218.6	219.6	211.0	203.7	217.3	242.7	242.0	245.7	240.2	202.9	209.9	218.8	221.8	224.5	211.6	213.8	253.5	259.9
50.0	205.9	205.3	193.0	190.2	195.0	228.1	227.6	229.6	218.2	191.5	193.9	206.8	207.2	210.2	202.1	202.3	234.9	244.4
52.5	195.1	189.7	182.4	180.3	179.5	210.0	209.2	211.4	189.9	178.8	181.0	191.4	193.9	198.1	188.1	189.2	204.1	227.8
55.0	178.3	175.9	166.7	164.4	164.3	193.1	187.2	191.8	163.7	165.7	167.5	177.6	177.8	182.7	175.7	176.6	181.3	208.6
57.5	163.3	162.2	152.4	149.2	145.9	168.0	168.2	168.5	145.9	150.6	152.3	161.3	164.7	168.0	162.1	164.4	163.2	189.3
60.0	149.4	146.1	137.0	135.1	127.6	148.2	149.9	152.7	128.5	136.2	137.3	144.3	149.1	148.6	147.8	149.5	143.0	171.1
62.5	132.6	128.2	122.7	117.1	110.3	122.6	132.1	132.5	110.1	116.8	122.5	126.7	132.8	130.4	132.1	132.3	127.0	153.5
65.0	114.1	109.8	104.7	97.6	97.0	98.9	111.2	109.3	96.1	98.4	105.4	108.7	114.3	112.2	116.2	112.9	113.9	134.9
67.5	89.2	85.1	85.9	81.5	80.5	76.1	89.4	83.9	79.1	81.7	85.7	87.0	88.8	91.2	97.9	96.0	97.7	108.2
70.0	64.7	60.9	59.8	64.9	62.8	60.3	71.9	61.6	60.7	65.6	62.6	60.2	64.7	63.6	75.7	80.2	79.9	82.3
72.5	51.5	48.2	42.7	45.0	47.0	45.1	52.8	45.0	46.1	46.6	42.4	46.5	50.8	50.6	50.0	62.5	63.4	63.8
75.0	37.2	33.9	30.6	28.1	31.8	30.3	35.9	30.6	31.2	28.0	30.9	33.7	36.8	37.6	37.9	38.9	48.1	47.1
77.5	20.3	18.2	18.2	17.4	16.5	18.4	21.2	18.3	17.1	17.3	18.2	17.5	19.9	21.5	26.1	26.3	32.1	33.1
80.0	11.8	9.7	8.4	7.4	8.3	8.9	10.2	8.8	7.9	7.5	8.6	9.4	11.6	12.2	12.7	16.3	16.9	20.2

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
8116 lm
LOR
100 %
tilt angle
0.0 °

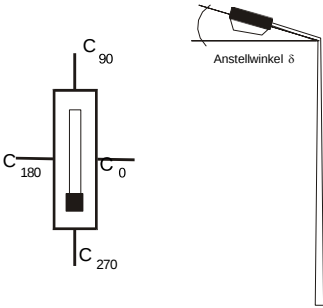


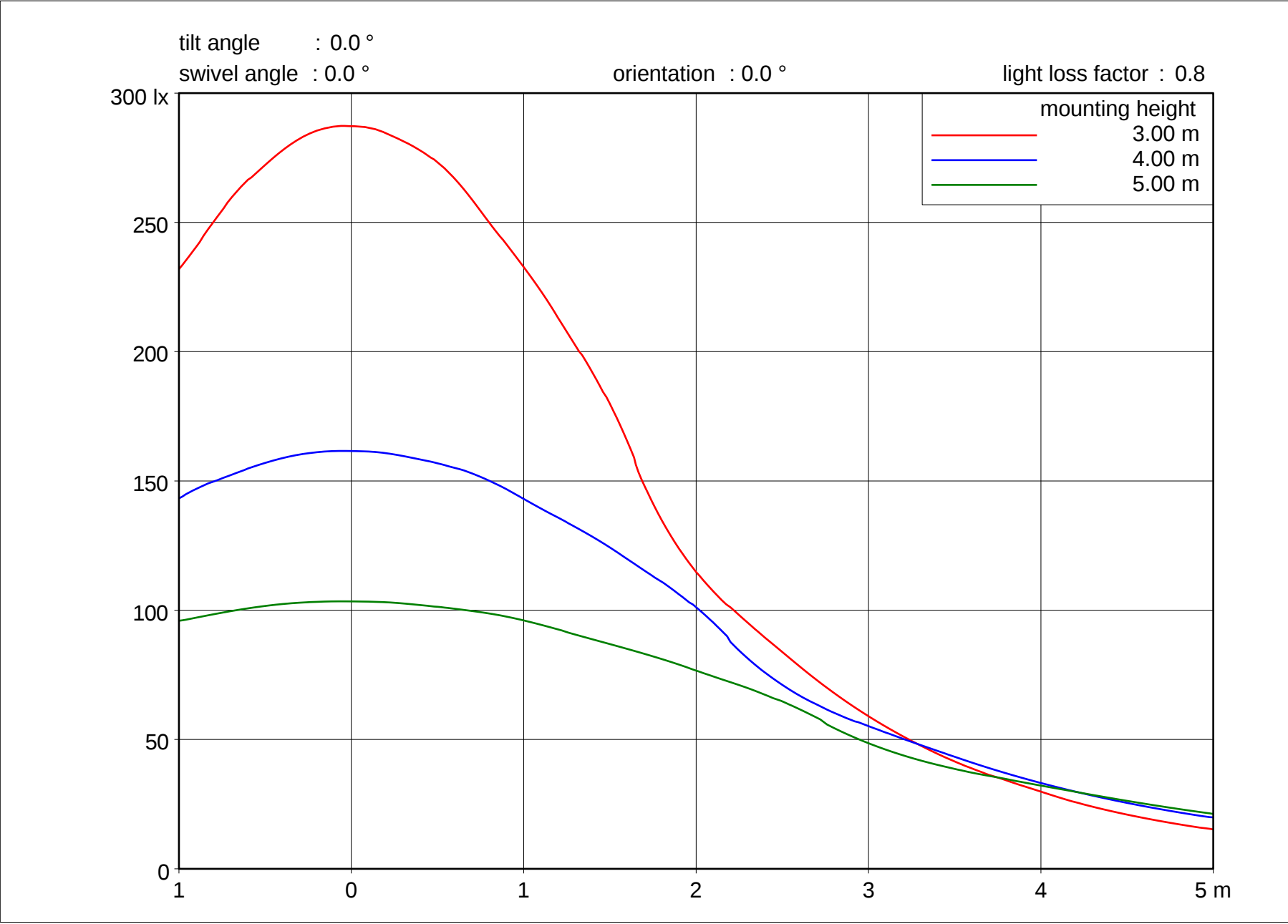
file : STREETLIGHT_LED_100W_4000K

gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	398.1	398.1	398.1	398.1	398.1	398.1
2.5	398.9	398.7	398.4	398.3	398.0	397.9
5.0	399.0	398.8	399.4	398.7	397.4	396.9
7.5	398.4	398.8	397.9	397.4	396.4	395.6
10.0	397.0	397.7	396.9	396.6	395.6	393.5
12.5	393.6	395.4	394.8	393.4	392.2	389.9
15.0	389.6	390.6	391.5	389.8	387.3	386.8
17.5	384.8	388.4	386.2	384.6	382.7	381.8
20.0	379.0	382.3	380.0	376.3	377.8	376.9
22.5	366.2	372.4	371.9	370.3	368.1	366.6
25.0	351.4	360.5	364.8	364.4	360.9	358.6
27.5	340.1	344.7	349.5	355.9	353.9	345.0
30.0	332.0	334.8	336.4	346.0	341.0	315.6
32.5	327.2	324.3	323.9	329.8	313.7	287.0
35.0	315.2	318.9	313.9	311.9	285.9	276.2
37.5	305.2	308.7	303.9	286.7	267.4	265.2
40.0	296.6	297.6	294.8	259.5	253.2	258.2
42.5	285.0	286.5	283.9	237.4	241.9	246.9
45.0	269.4	272.7	269.3	224.1	225.6	234.3
47.5	257.6	260.0	244.4	214.1	212.4	222.6
50.0	243.6	246.0	219.0	202.0	200.6	211.9
52.5	227.2	229.3	194.8	191.3	187.7	195.2
55.0	202.9	212.2	180.2	177.9	174.9	180.9
57.5	185.5	187.5	163.8	165.4	160.7	164.3
60.0	171.2	171.7	144.9	150.1	146.1	146.9
62.5	153.5	153.7	128.6	132.4	131.0	129.3
65.0	135.4	132.1	113.3	112.8	116.8	111.9
67.5	115.5	104.7	98.1	96.7	98.7	89.3
70.0	95.3	81.9	81.4	80.3	75.2	63.8
72.5	75.9	64.5	63.5	62.4	50.2	51.2
75.0	56.3	48.3	47.8	39.7	38.1	37.9
77.5	38.9	33.4	32.1	26.3	26.5	22.8
80.0	23.5	20.6	16.8	16.3	12.7	12.3

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
8116 lm
LOR
100 %
tilt angle
0.0 °





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