

file : STREETLIGHT_LED_SL150W_150W_6000K

meas. no. 04L2187
meas. date 4/9/2025
operator LightLab.

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 0.620 A
power consumption 141.8 W
Leistungsfaktor 0.991

meas. lamps lum. flux [lm]
absolute measurement 16261.8 lm
luminous efficacy 115 lm/w

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

dimensions of luminous area
length 350 mm
width 190 mm
height C0 20 mm
height C90 20 mm
height C180 20 mm
height C270 20 mm

reflector

cover

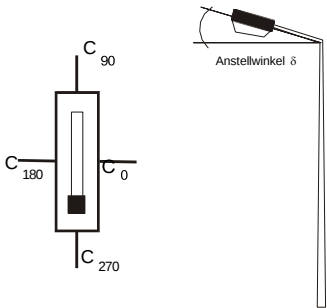
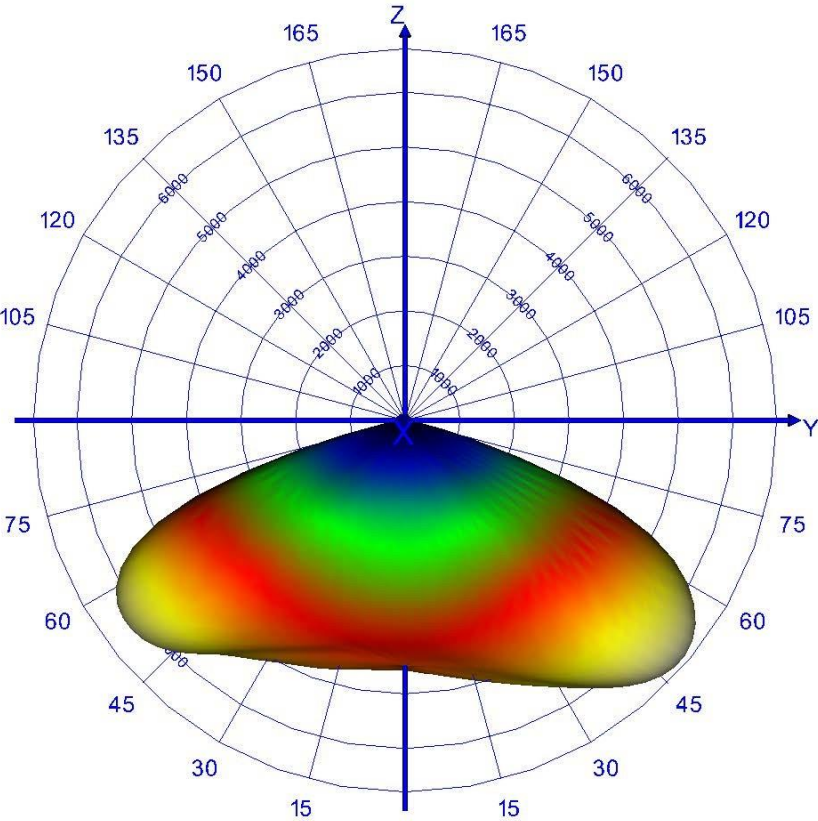
variant

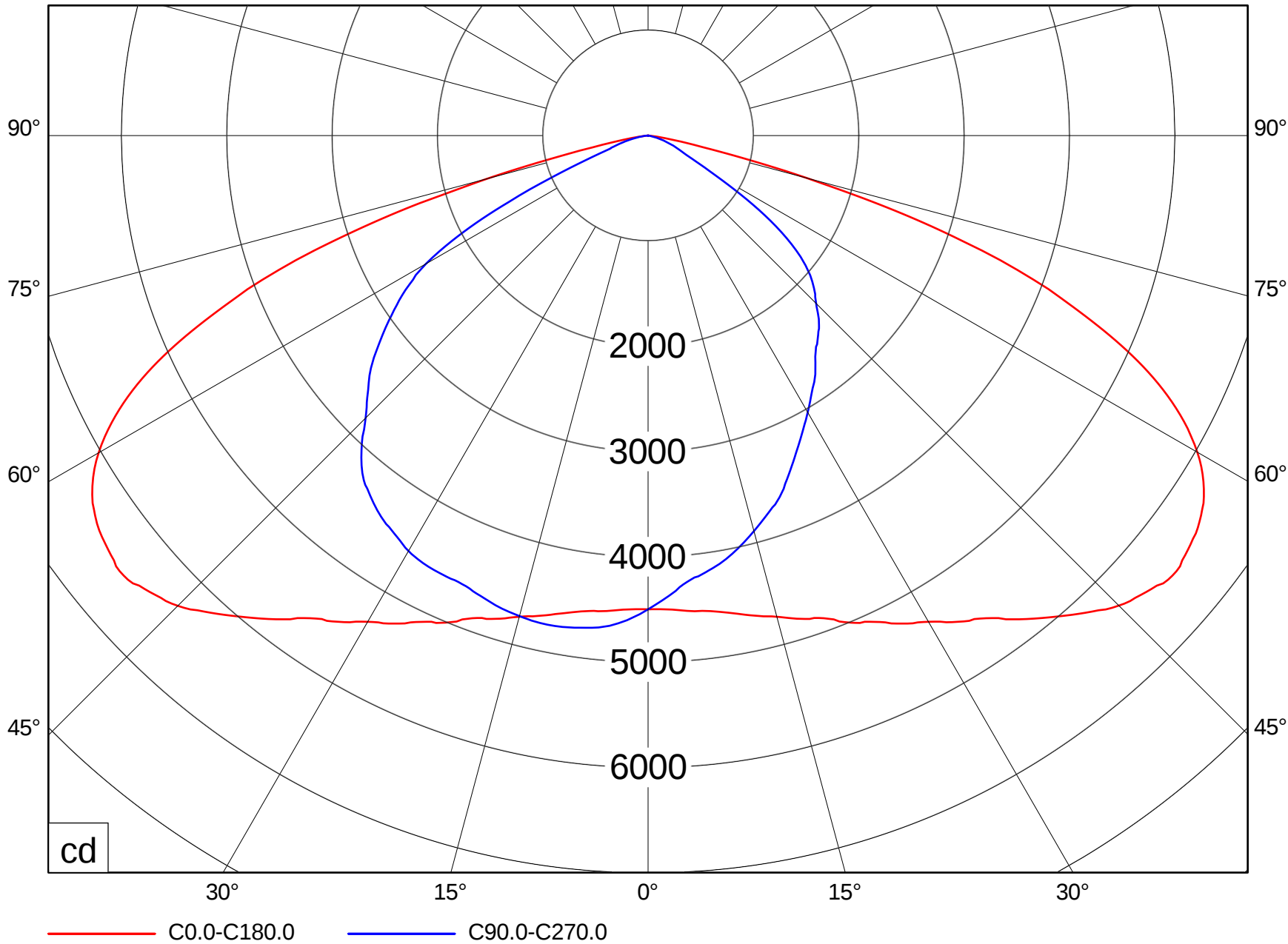
measurement results
flux of luminaire 16261.8 lm
classification / DIN A40
lower flux fraction 100.00 %
upper flux fraction 0.00 %
intensity maximum 6793.4 cd
in C-plane 95.0 °
at gamma 50.0 °
half value angle C0 : 71.2 °
C90 : 43.1 °
C270 : 60.3 °
tenth value angle C0 : 77.5 °
C90 : 62.0 °
C270 : 69.7 °

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux 16262 lm
LOR
100 %
tilt angle 0.0 °

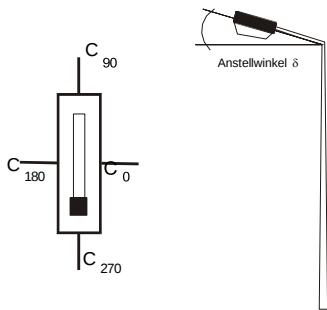
remarks

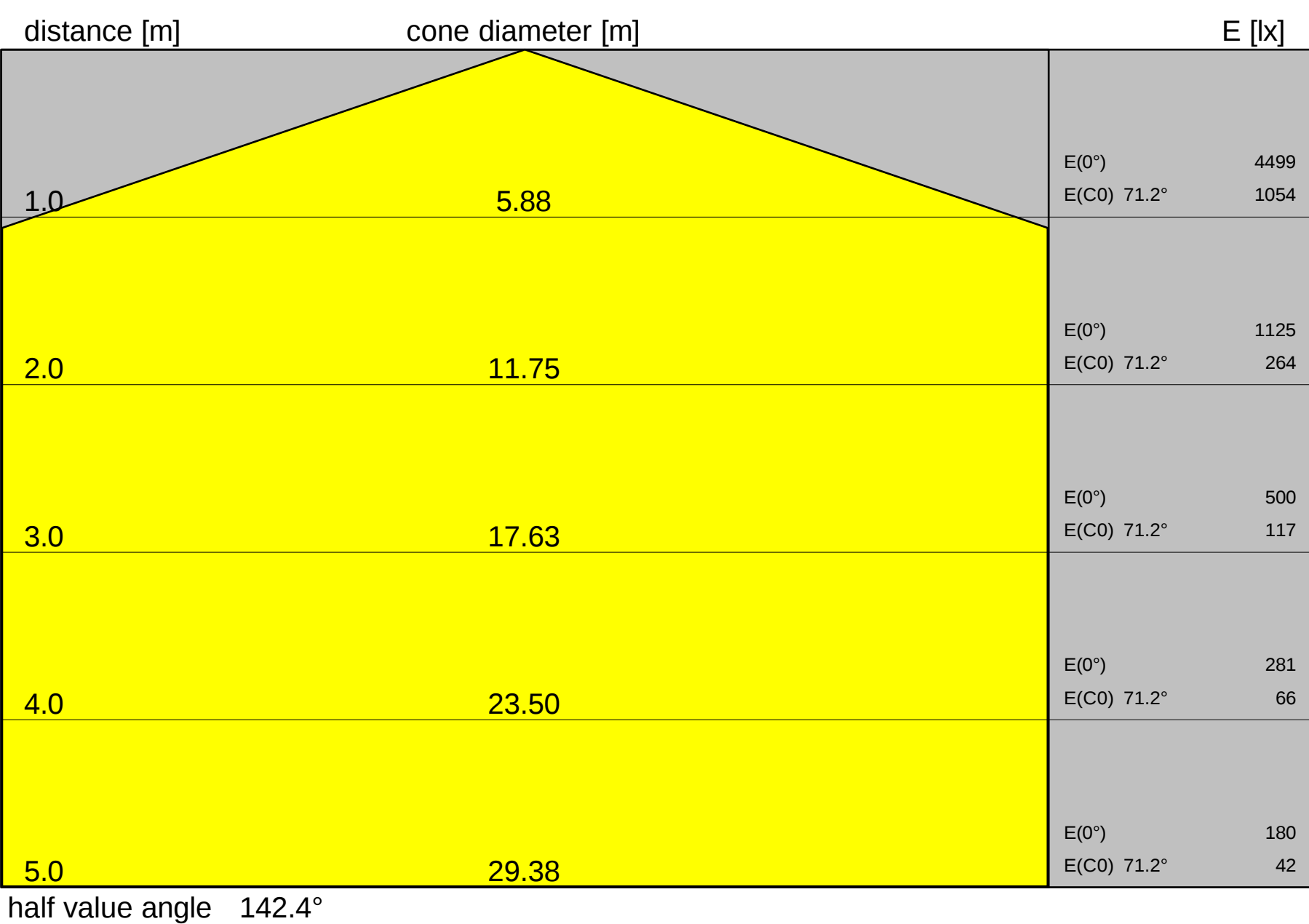




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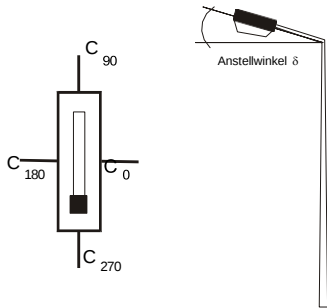
lamp(s)
1 x LED
total flux
16262 lm
LOR
100 %
tilt angle
0.0 °





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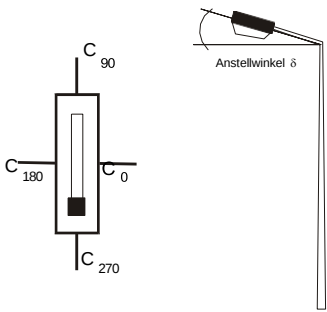
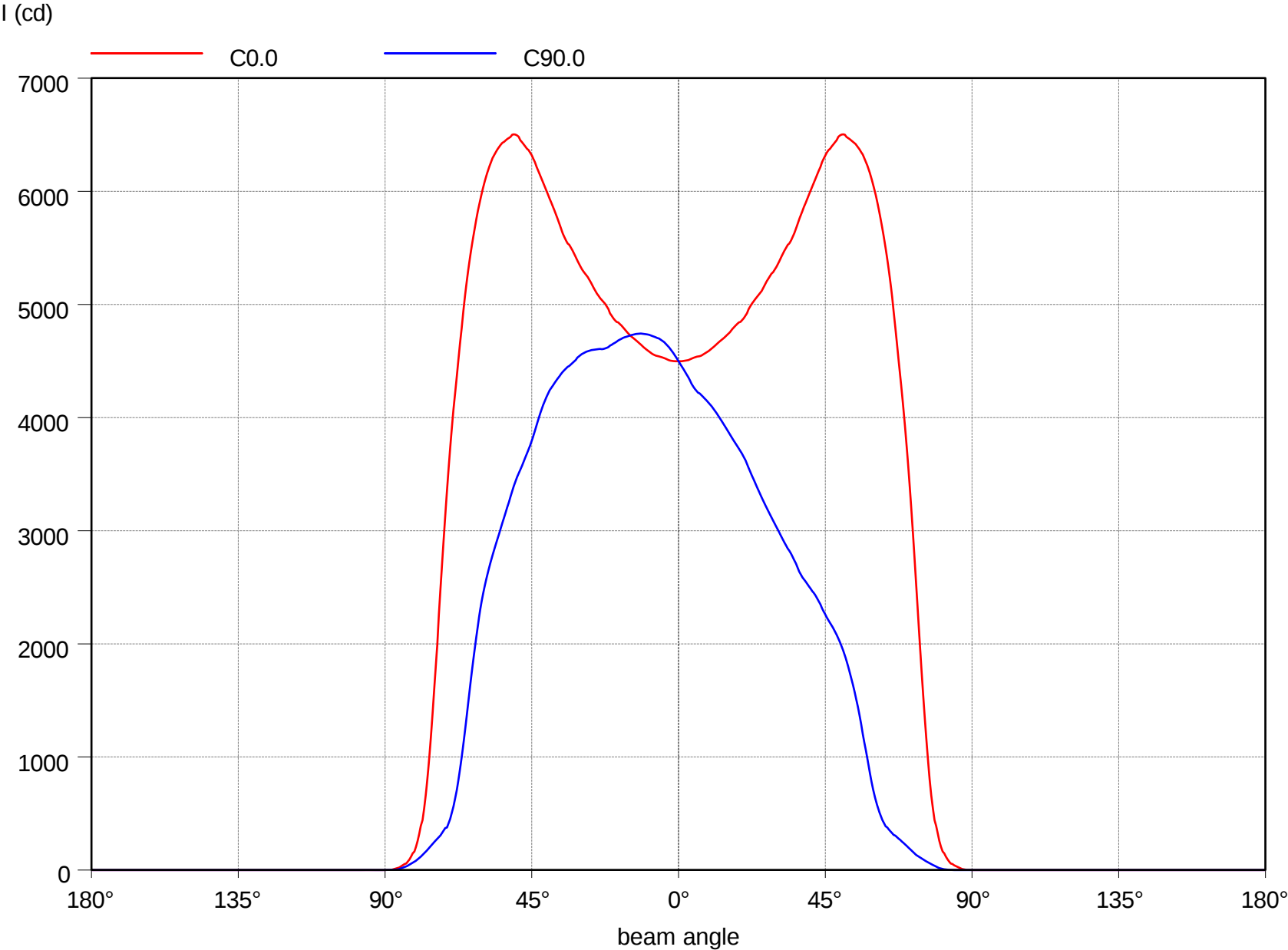


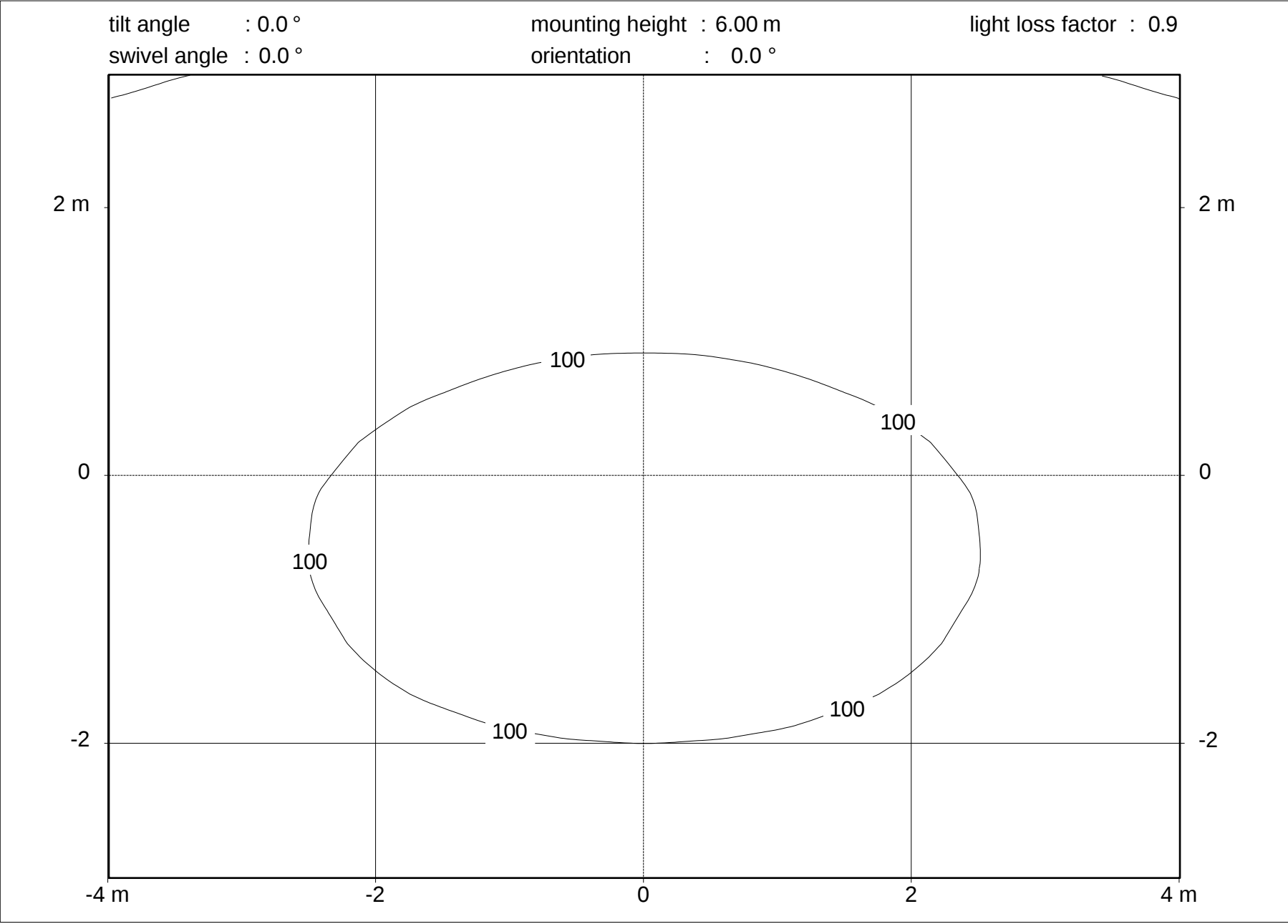
article code

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lamp(s)

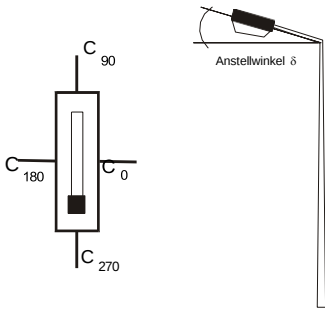
1 x LED
total flux
16262 lm
LOR
100 %
tilt angle
0.0 °





article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
16262 lm
LOR
100 %
tilt angle
0.0 °

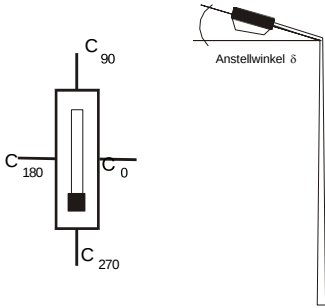


file : STREETLIGHT_LED_SL150W_150W_6000K

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	276.7	276.7	276.7	276.7	276.7	276.7	276.7	276.7	276.7	276.7	276.7	276.7	276.7	276.7	276.7	276.7	276.7	276.7
2.5	277.0	275.2	273.7	272.3	270.9	269.8	269.4	269.8	270.9	272.3	273.7	275.2	277.0	278.7	280.2	281.2	282.0	282.9
5.0	278.7	275.2	271.3	267.6	264.6	262.9	261.7	262.9	264.6	267.6	271.3	275.2	278.7	281.2	283.8	286.1	287.5	287.7
7.5	280.1	275.1	269.3	264.1	260.2	258.1	257.3	258.1	260.2	264.1	269.3	275.1	280.1	285.4	289.1	290.6	290.7	290.6
10.0	283.2	276.2	267.9	261.6	256.8	253.5	252.5	253.5	256.8	261.6	267.9	276.2	283.2	289.4	293.1	293.3	293.7	291.4
12.5	287.2	277.7	267.5	260.2	252.8	247.8	246.2	247.8	252.8	260.2	267.5	277.7	287.2	294.4	297.9	296.2	294.3	292.6
15.0	291.0	280.5	267.9	257.5	248.9	241.5	239.1	241.5	248.9	257.5	267.9	280.5	291.0	300.0	301.1	299.3	295.7	292.1
17.5	296.0	282.9	269.6	256.1	243.2	234.0	231.9	234.0	243.2	256.1	269.6	282.9	296.0	305.1	306.1	301.7	296.0	290.3
20.0	300.0	286.5	271.1	253.7	238.1	227.7	224.7	227.7	238.1	253.7	271.1	286.5	300.0	310.5	310.0	304.6	295.3	289.3
22.5	307.9	290.9	273.5	250.6	231.9	219.8	214.5	219.8	231.9	250.6	273.5	290.9	307.9	316.2	314.6	306.0	295.0	287.5
25.0	313.4	296.8	275.8	248.4	225.0	210.7	204.6	210.7	225.0	248.4	275.8	296.8	313.4	322.5	318.9	307.2	294.6	287.1
27.5	321.3	303.2	277.3	245.4	218.1	201.6	195.2	201.6	218.1	245.4	277.3	303.2	321.3	326.9	322.4	308.5	295.7	286.1
30.0	327.9	310.6	279.7	241.3	210.4	193.0	186.6	193.0	210.4	241.3	279.7	310.6	327.9	333.0	325.6	309.7	296.7	285.8
32.5	336.7	318.8	281.3	236.6	202.9	184.4	178.0	184.4	202.9	236.6	281.3	318.8	336.7	340.1	328.6	313.9	296.1	283.9
35.0	344.1	326.5	284.4	232.5	195.8	175.9	170.3	175.9	195.8	232.5	284.4	326.5	344.1	348.9	332.3	315.1	295.3	279.7
37.5	356.0	335.0	285.2	227.8	189.0	168.4	160.6	168.4	189.0	227.8	285.2	335.0	356.0	358.2	339.6	318.9	292.9	274.7
40.0	367.1	342.4	286.0	224.0	180.8	160.6	154.3	160.6	180.8	224.0	286.0	342.4	367.1	367.0	345.4	318.3	288.6	267.2
42.5	378.0	350.6	285.8	215.0	171.9	152.9	147.7	152.9	171.9	215.0	285.8	350.6	378.0	376.0	350.0	316.4	282.4	257.4
45.0	388.4	354.8	282.8	206.7	163.8	145.2	138.9	145.2	163.8	206.7	282.8	354.8	388.4	384.1	353.5	315.7	274.8	247.5
47.5	394.5	357.5	275.5	195.7	154.8	136.9	131.3	136.9	154.8	195.7	275.5	357.5	394.5	388.5	357.2	307.6	262.0	233.9
50.0	399.8	352.5	264.6	185.3	144.1	126.5	121.7	126.5	144.1	185.3	264.6	352.5	399.8	390.5	353.6	296.6	247.6	220.7
52.5	397.4	344.2	250.6	170.3	131.1	113.1	107.6	113.1	131.1	170.3	250.6	344.2	397.4	388.5	343.8	282.5	231.7	205.6
55.0	393.2	333.7	231.4	152.9	114.0	94.8	88.8	94.8	114.0	152.9	231.4	333.7	393.2	383.1	329.1	262.1	211.9	190.5
57.5	384.9	320.4	209.8	125.2	91.8	71.5	64.3	71.5	91.8	125.2	209.8	320.4	384.9	370.6	304.7	235.2	188.5	172.4
60.0	370.5	298.7	181.8	89.0	64.3	47.3	41.4	47.3	64.3	89.0	181.8	298.7	370.5	354.8	277.9	202.4	163.6	151.8
62.5	348.9	272.4	142.7	57.1	39.7	31.1	27.3	31.1	39.7	57.1	142.7	272.4	348.9	329.1	244.8	162.3	133.2	124.1
65.0	318.9	239.9	99.2	37.9	25.5	23.1	21.0	23.1	25.5	37.9	99.2	239.9	318.9	296.7	204.8	113.5	92.7	88.7
67.5	277.4	198.4	61.8	26.1	19.7	18.5	17.1	18.5	19.7	26.1	61.8	198.4	277.4	254.8	159.1	69.0	54.9	54.1
70.0	229.6	152.0	36.2	18.6	15.2	13.9	13.1	13.9	15.2	18.6	36.2	152.0	229.6	205.4	106.1	40.8	32.1	31.3
72.5	166.4	104.6	20.5	14.0	11.3	10.0	8.7	10.0	11.3	14.0	20.5	104.6	166.4	151.9	58.6	25.3	22.1	21.3
75.0	95.8	61.0	12.9	10.2	7.9	6.7	5.8	6.7	7.9	10.2	12.9	61.0	95.8	99.0	29.3	17.3	16.5	15.8
77.5	40.7	27.0	8.5	6.7	4.9	4.0	3.2	4.0	4.9	6.7	8.5	27.0	40.7	51.8	15.2	12.6	11.9	11.0

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
16262 lm
LOR
100 %
tilt angle
0.0 °

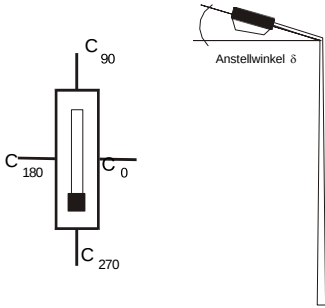


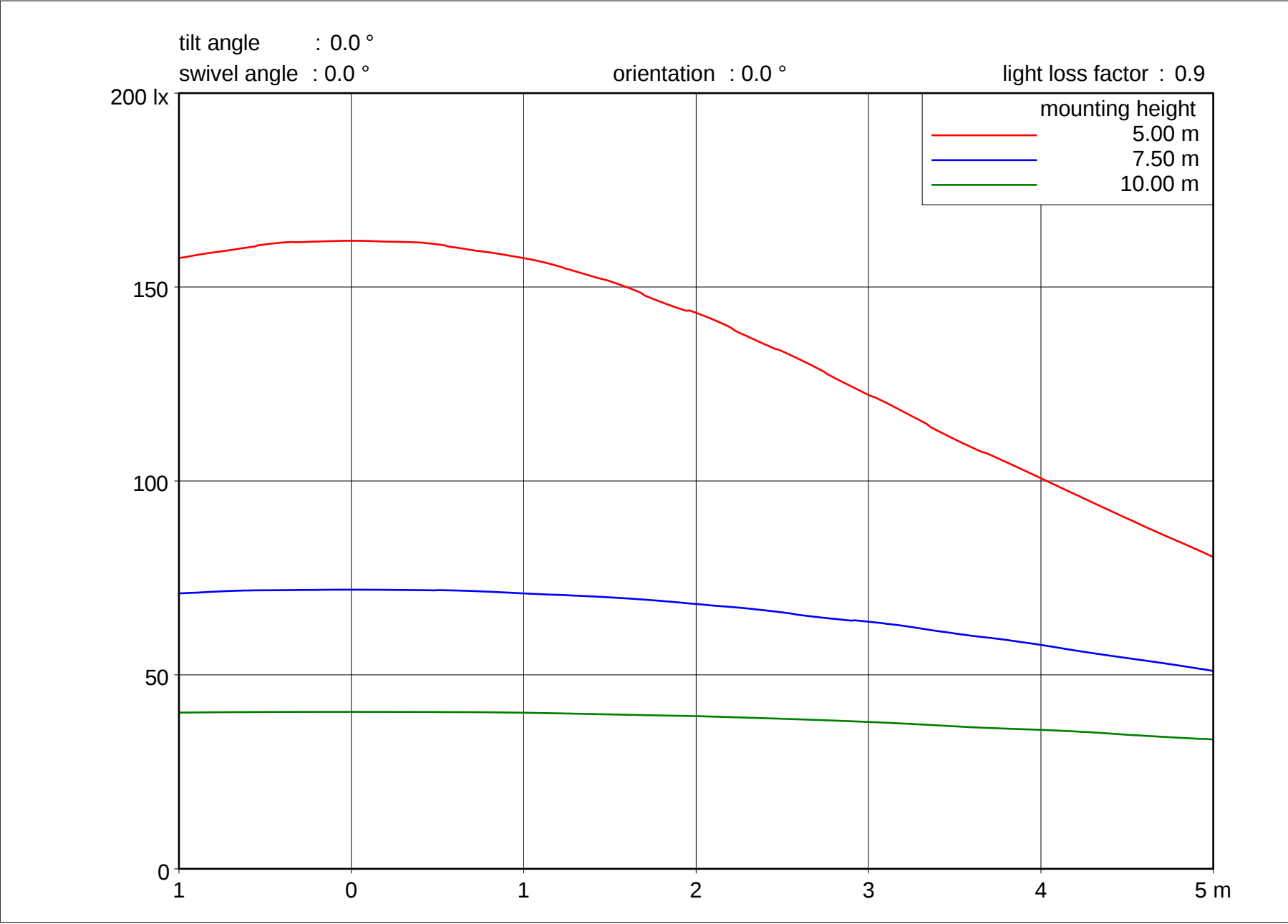
file : STREETLIGHT_LED_SL150W_150W_6000K

gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	276.7	276.7	276.7	276.7	276.7	276.7
2.5	283.3	282.9	282.0	281.2	280.2	278.7
5.0	287.9	287.7	287.5	286.1	283.8	281.2
7.5	290.0	290.6	290.7	290.6	289.1	285.4
10.0	291.3	291.4	293.7	293.3	293.1	289.4
12.5	291.6	292.6	294.3	296.2	297.9	294.4
15.0	290.5	292.1	295.7	299.3	301.1	300.0
17.5	288.8	290.3	296.0	301.7	306.1	305.1
20.0	286.1	289.3	295.3	304.6	310.0	310.5
22.5	283.6	287.5	295.0	306.0	314.6	316.2
25.0	283.1	287.1	294.6	307.2	318.9	322.5
27.5	282.3	286.1	295.7	308.5	322.4	326.9
30.0	280.0	285.8	296.7	309.7	325.6	333.0
32.5	275.7	283.9	296.1	313.9	328.6	340.1
35.0	271.8	279.7	295.3	315.1	332.3	348.9
37.5	266.0	274.7	292.9	318.9	339.6	358.2
40.0	259.1	267.2	288.6	318.3	345.4	367.0
42.5	247.7	257.4	282.4	316.4	350.0	376.0
45.0	233.3	247.5	274.8	315.7	353.5	384.1
47.5	222.0	233.9	262.0	307.6	357.2	388.5
50.0	211.3	220.7	247.6	296.6	353.6	390.5
52.5	197.3	205.6	231.7	282.5	343.8	388.5
55.0	182.9	190.5	211.9	262.1	329.1	383.1
57.5	168.0	172.4	188.5	235.2	304.7	370.6
60.0	149.7	151.8	163.6	202.4	277.9	354.8
62.5	120.3	124.1	133.2	162.3	244.8	329.1
65.0	83.0	88.7	92.7	113.5	204.8	296.7
67.5	48.8	54.1	54.9	69.0	159.1	254.8
70.0	27.8	31.3	32.1	40.8	106.1	205.4
72.5	20.1	21.3	22.1	25.3	58.6	151.9
75.0	15.0	15.8	16.5	17.3	29.3	99.0
77.5	10.0	11.0	11.9	12.6	15.2	51.8

article code
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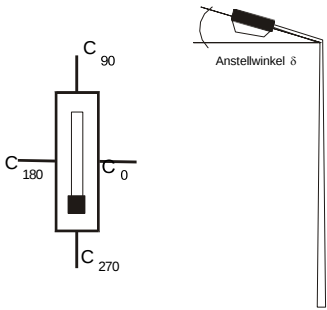
lamp(s)
1 x LED
total flux
16262 lm
LOR
100 %
tilt angle
0.0 °





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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

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lamp(s)

1 x LED

total flux

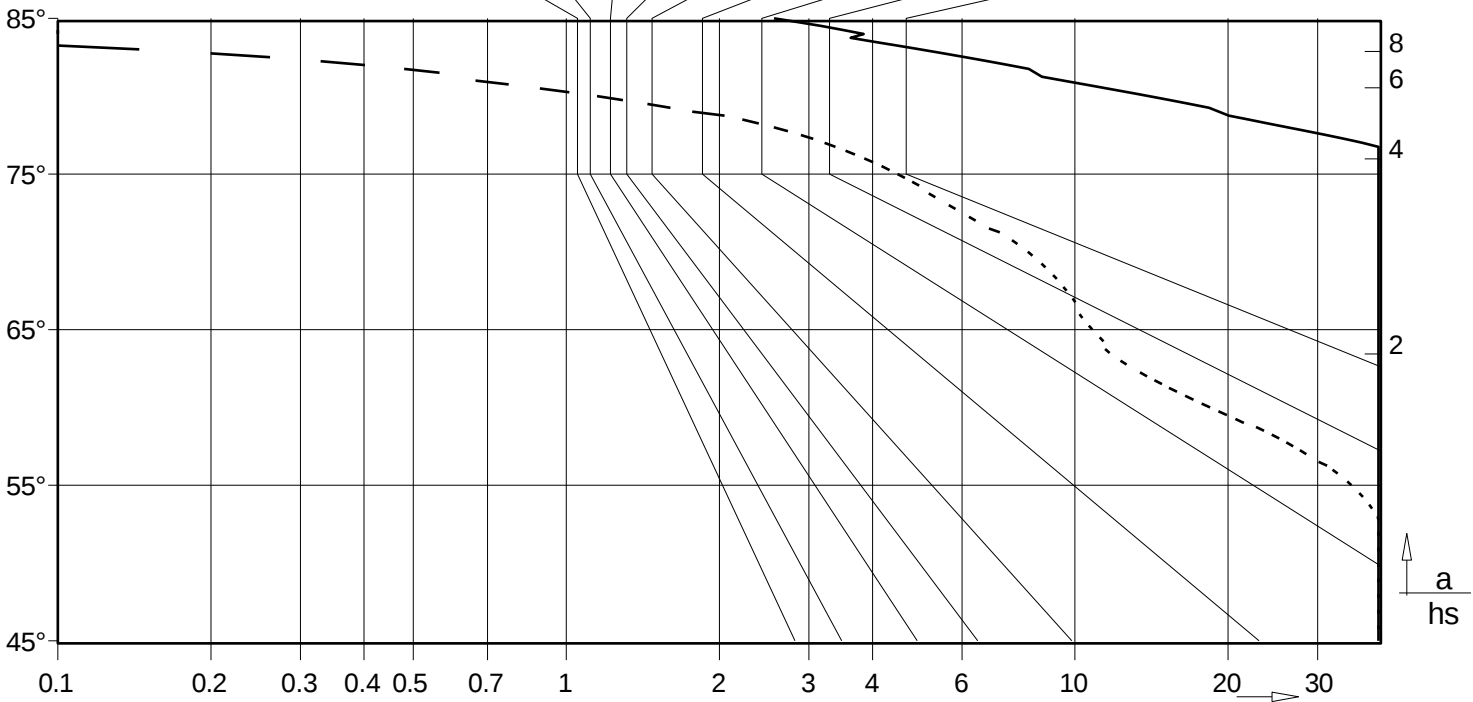
16262 lm

LOR

100 %

tilt angle

0.0 °



luminance curve

— C0-C180
- - - C90-C270

lamp(s)

1 x LED

16262 lm

