

file : FLOODLIGHT_LED_100W_6000K

meas. no. 01L1545
meas. date 4/16/2022
operator LightLab.

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 0.663 A
power consumption 94.5 W
Leistungsfaktor 0.620

meas. lamps lum. flux [lm]
absolute measurement 10181.8 lm
luminous efficacy 108 lm/w

dimensions of luminaire
length 285 mm
width 255 mm
height 80 mm

dimensions of luminous area
length 160 mm
width 200 mm
height C0 60 mm
height C90 60 mm
height C180 60 mm
height C270 60 mm

reflector

cover

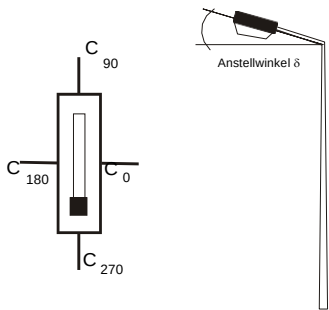
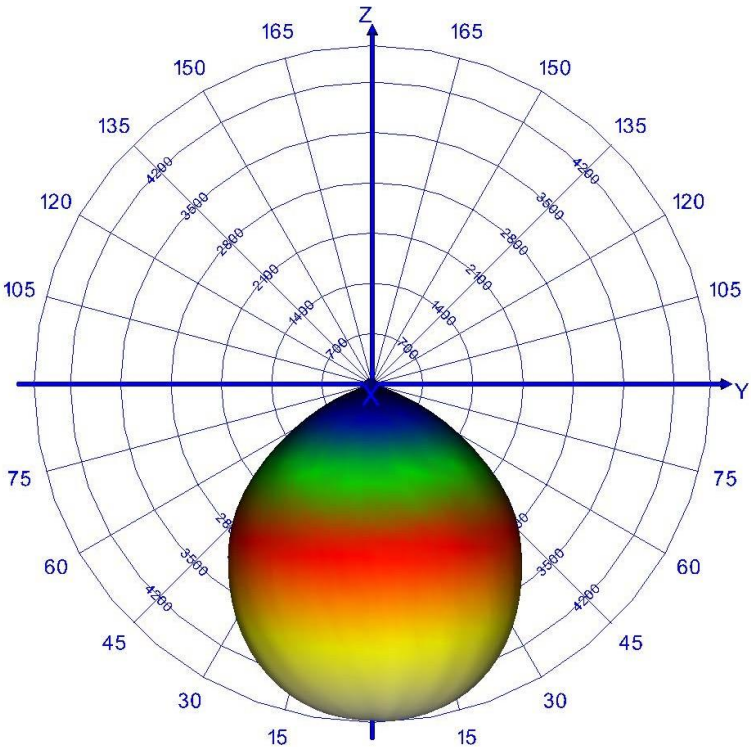
variant

measurement results
flux of luminaire 10181.8 lm
classification / DIN A50
lower flux fraction 100.00 %
upper flux fraction 0.00 %
intensity maximum 4704.1 cd
in C-plane 195.0 °
at gamma 2.5 °
half value angle C0 : 49.7 °
C90 : 46.5 °
C180 : 51.2 °
C270 : 48.5 °
tenth value angle C0 : 69.1 °
C90 : 65.0 °
C180 : 69.5 °
C270 : 68.0 °

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux 10182 lm
LOR
100 %
tilt angle 0.0 °

remarks

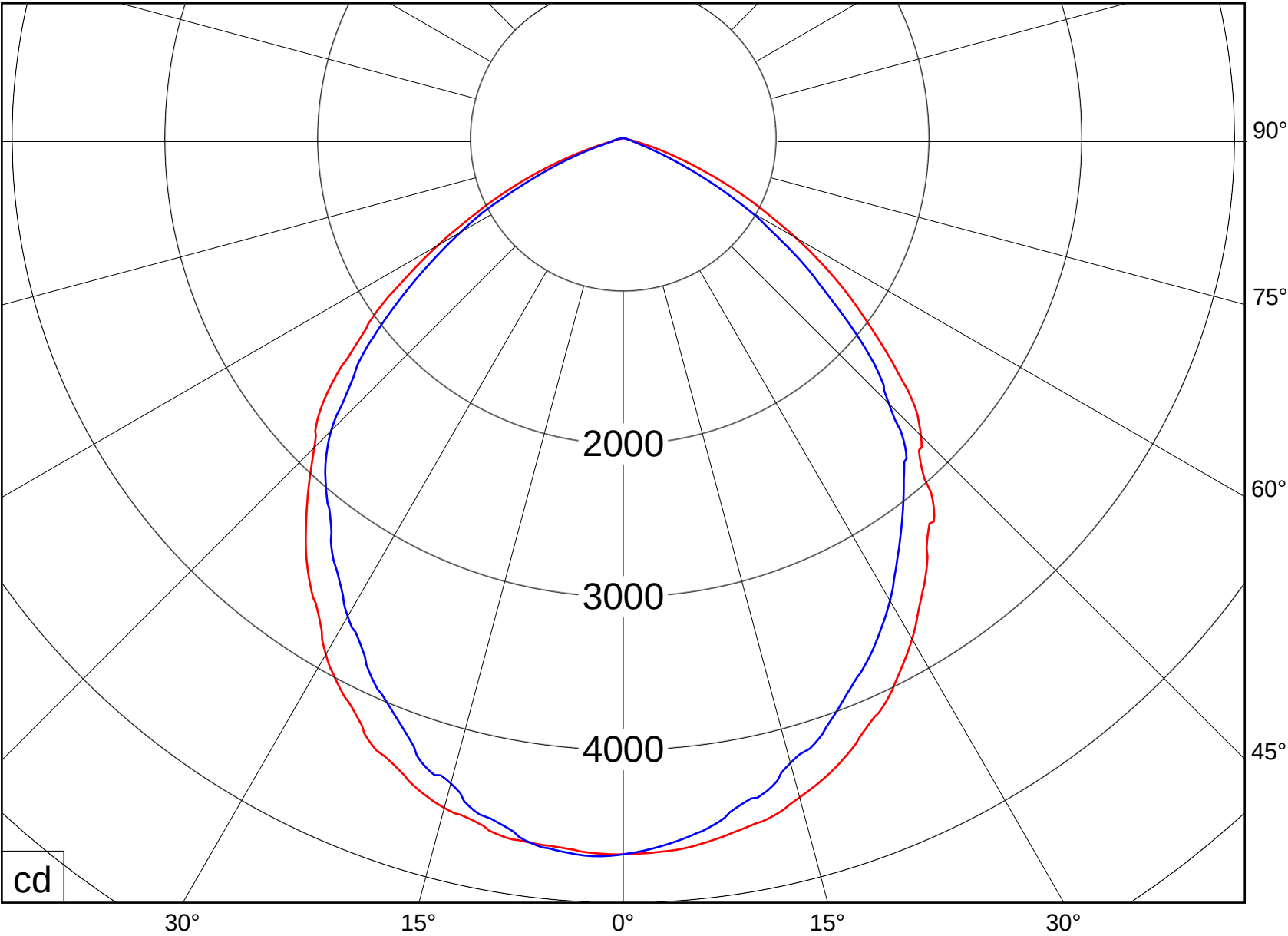
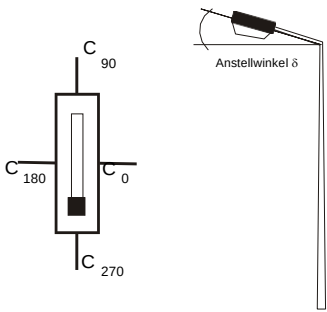


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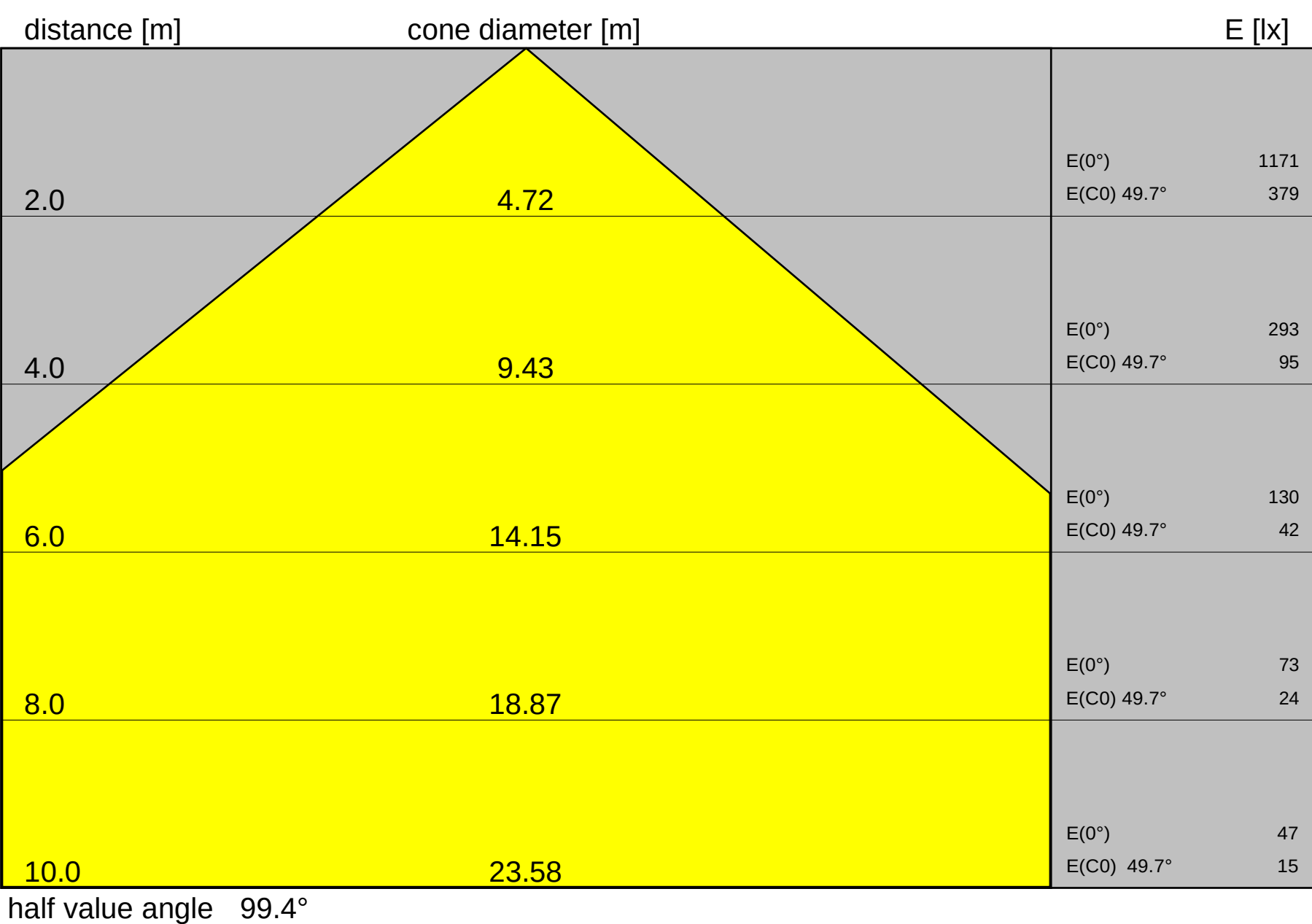
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LOR
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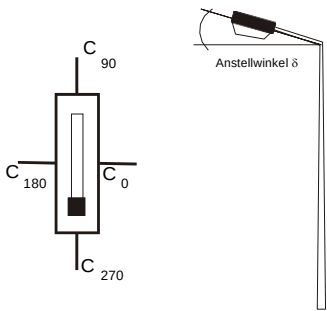


— C0.0-C180.0 — C90.0-C270.0



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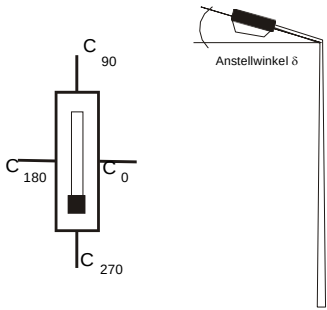
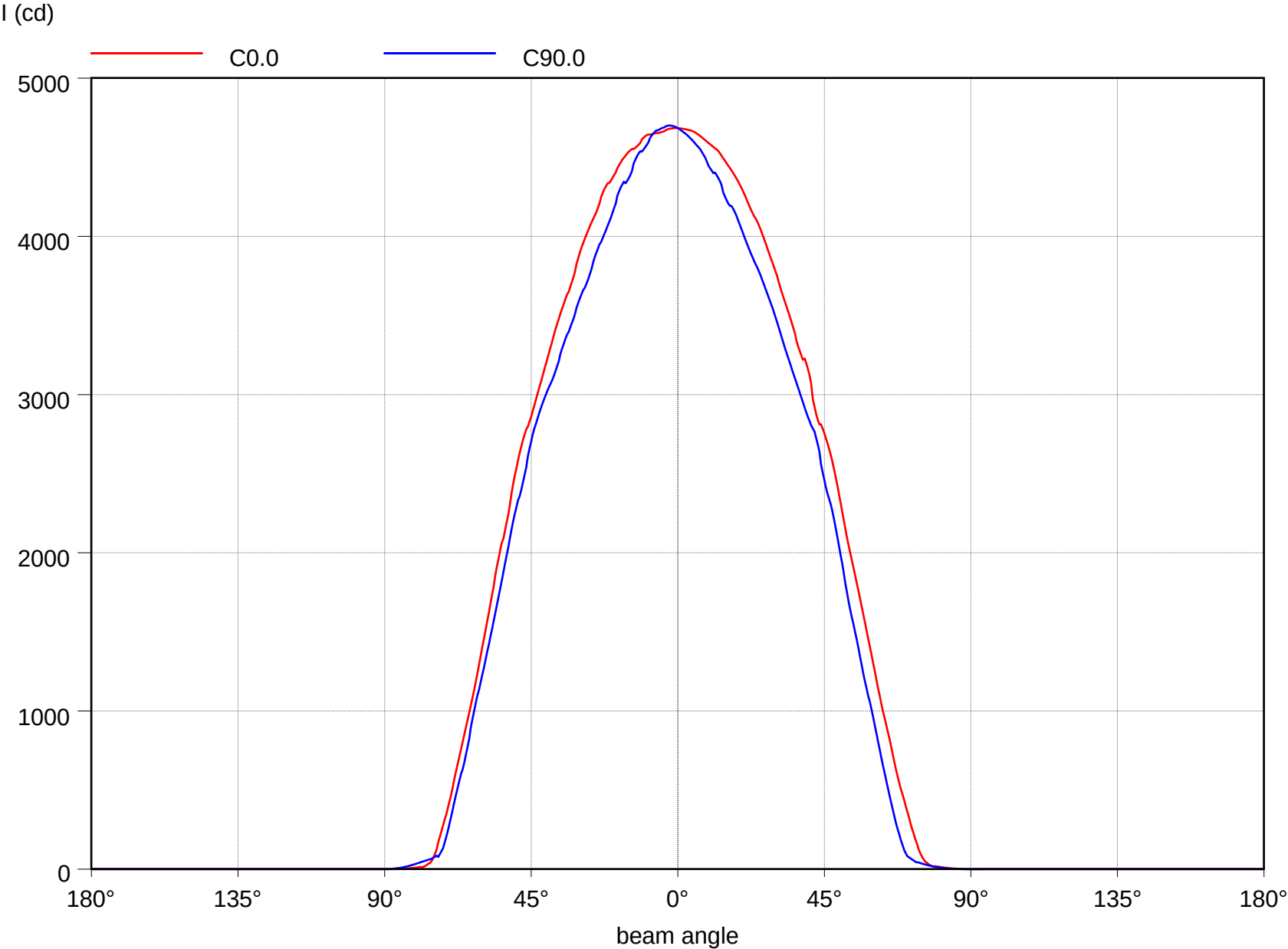


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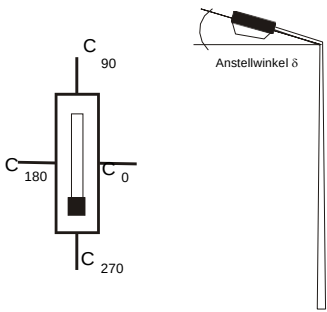
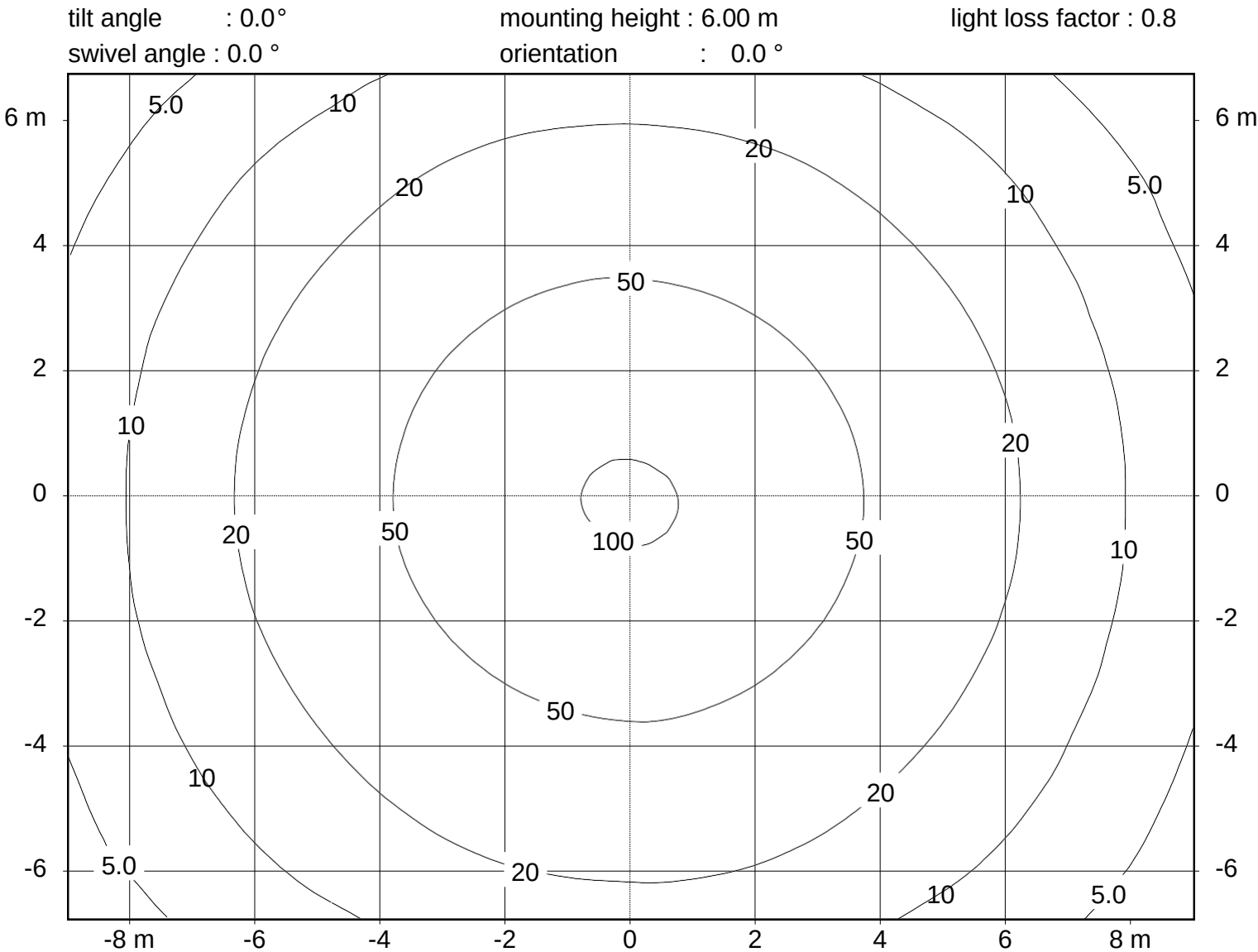


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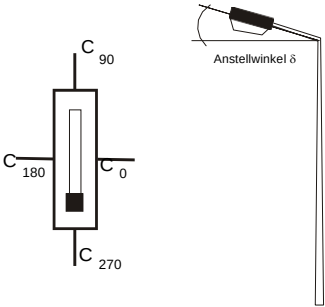


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gamma / °	C 0	C 15	C 30	C 45	C 60	C 75	C 90	C 105	C 120	C 135	C 150	C 165	C 180	C 195	C 210	C 225	C 240	C 255
0.0	460.1	460.1	460.1	460.1	460.1	460.1	460.1	460.1	460.1	460.1	460.1	460.1	460.1	460.1	460.1	460.1	460.1	460.1
2.5	459.3	458.9	458.5	457.8	456.9	456.4	456.5	456.9	457.6	458.3	458.7	459.3	459.6	459.3	459.3	459.8	460.3	460.9
5.0	457.9	456.3	454.9	453.7	452.5	451.1	451.5	453.7	455.9	456.5	457.0	457.8	457.5	457.6	457.6	457.4	457.7	458.9
7.5	454.2	452.2	449.7	447.3	445.5	443.7	445.1	448.2	449.8	451.9	453.9	456.0	456.6	457.2	456.0	453.8	452.6	453.2
10.0	450.0	447.8	443.1	439.8	436.8	435.9	434.9	441.6	442.6	446.0	449.3	451.7	454.9	452.9	452.1	449.3	446.2	445.9
12.5	445.9	441.5	436.2	431.1	427.6	426.0	429.1	433.5	434.1	438.3	442.7	447.6	448.7	449.7	446.0	442.5	438.7	437.2
15.0	438.3	434.0	428.6	421.8	418.2	416.0	415.5	423.2	425.3	430.4	436.4	441.8	445.4	444.4	439.1	434.8	429.2	427.7
17.5	430.8	425.0	418.2	411.9	407.9	405.5	408.2	413.2	416.5	420.8	428.1	433.7	438.8	436.3	430.8	425.1	419.6	416.7
20.0	421.3	416.1	407.9	401.3	396.0	393.4	395.2	402.4	405.3	410.3	418.0	424.3	429.2	428.0	420.1	413.8	407.8	406.2
22.5	409.4	404.4	396.0	390.1	384.0	380.6	382.1	389.9	393.0	400.3	409.0	415.3	422.0	416.7	409.0	402.6	395.7	392.0
25.0	399.5	391.2	383.5	377.7	371.5	368.8	370.9	376.3	381.8	389.6	395.6	402.7	407.8	405.3	396.5	390.0	382.8	379.2
27.5	385.7	379.0	371.1	364.0	357.4	353.3	357.5	363.4	368.1	375.6	383.6	390.6	396.5	393.9	382.9	376.1	368.1	365.3
30.0	371.4	366.2	355.9	350.5	343.5	339.1	343.0	348.2	355.4	361.5	370.3	375.9	382.8	378.4	369.8	360.7	355.2	352.1
32.5	354.9	349.5	342.8	334.8	328.4	324.7	326.5	331.6	339.6	347.0	356.3	362.2	364.3	363.7	354.8	345.8	341.3	338.0
35.0	339.5	334.3	326.3	319.9	313.0	308.1	311.0	316.3	323.8	332.4	341.0	345.3	350.8	347.6	340.7	330.5	327.1	322.7
37.5	321.5	318.1	311.6	303.1	296.7	292.6	295.8	299.8	307.8	316.0	322.5	329.3	335.1	330.0	324.0	316.7	310.5	308.4
40.0	310.6	300.6	293.0	286.4	281.0	278.0	280.8	285.5	291.3	297.9	305.8	311.9	316.9	313.1	306.3	300.6	296.5	294.8
42.5	282.9	283.3	276.9	269.2	265.8	263.9	268.1	270.5	275.8	280.9	287.7	294.4	298.8	296.2	288.8	284.1	282.3	282.5
45.0	270.7	267.1	259.4	251.3	250.1	244.4	241.8	252.8	260.8	261.8	270.5	278.5	281.0	278.8	271.8	267.6	269.5	268.5
47.5	253.5	249.1	242.2	234.6	233.3	220.6	222.2	225.4	240.2	243.2	252.5	261.6	266.3	263.0	254.8	251.4	254.8	245.7
50.0	227.3	228.3	224.6	217.0	207.8	195.7	195.3	201.0	217.4	226.3	234.8	243.0	244.1	245.1	238.3	236.3	233.8	223.6
52.5	201.3	200.0	200.9	200.2	186.2	172.3	166.2	179.6	192.1	208.5	214.5	216.8	215.2	221.0	221.4	221.1	209.8	196.6
55.0	177.5	179.0	176.0	176.0	160.9	147.1	142.3	153.7	163.9	184.4	189.3	190.6	192.9	194.6	200.3	200.1	183.4	173.4
57.5	153.2	153.1	154.8	149.7	134.9	121.9	116.7	126.1	137.4	158.6	164.1	163.1	164.3	169.3	175.6	176.8	159.0	149.5
60.0	128.1	127.1	129.5	121.1	110.1	96.3	94.9	98.0	113.1	127.1	137.8	138.6	137.6	145.1	152.5	150.8	135.1	125.4
62.5	103.1	102.6	103.5	95.6	85.7	73.0	69.5	74.8	88.9	99.8	110.4	112.8	111.1	119.6	127.7	121.1	110.7	99.9
65.0	81.0	79.7	77.7	70.2	60.7	51.2	46.3	49.9	62.6	72.8	82.7	86.5	88.0	95.1	99.4	94.2	87.3	76.9
67.5	58.1	58.0	55.1	45.9	37.9	29.2	25.3	29.3	38.8	47.4	57.3	62.7	65.7	71.4	73.3	67.9	63.7	54.1
70.0	39.4	38.4	33.6	26.7	19.1	11.2	9.9	10.1	19.6	28.0	36.6	41.2	42.4	48.9	50.4	46.3	39.9	33.2
72.5	21.7	21.0	17.8	13.1	5.4	5.1	5.2	5.5	5.8	12.6	18.7	21.7	23.6	28.6	29.9	26.2	19.5	13.7

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lamp(s)
1 x LED
total flux
10182 lm
LOR
100 %
tilt angle
0.0 °



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gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	460.1	460.1	460.1	460.1	460.1	460.1
2.5	461.7	462.0	461.9	461.4	460.6	459.9
5.0	459.9	460.8	461.1	460.5	459.5	458.4
7.5	456.7	457.4	456.5	456.1	456.3	455.3
10.0	448.0	450.0	450.2	451.2	451.9	451.6
12.5	442.5	443.1	442.1	443.3	445.9	446.7
15.0	429.0	432.6	433.5	434.3	438.0	439.9
17.5	423.3	422.5	421.9	424.3	427.6	432.1
20.0	407.4	411.4	411.2	413.5	417.0	422.6
22.5	394.2	397.2	397.9	399.9	406.4	409.0
25.0	382.5	384.0	384.6	387.2	392.4	397.3
27.5	366.1	370.4	370.9	373.8	377.5	384.2
30.0	354.4	354.8	354.5	358.5	363.3	368.3
32.5	338.9	340.7	342.0	342.8	348.8	352.5
35.0	326.0	325.1	325.9	328.0	331.9	337.8
37.5	309.1	309.5	311.1	311.2	316.7	321.0
40.0	296.9	296.1	295.5	295.0	299.1	302.6
42.5	283.2	284.4	281.6	278.5	281.6	285.3
45.0	265.4	270.1	267.3	262.6	264.2	268.5
47.5	240.0	247.8	252.1	247.3	248.3	252.9
50.0	220.4	223.9	233.2	230.7	231.7	230.1
52.5	194.9	196.6	207.5	214.6	211.2	205.1
55.0	168.8	173.3	181.1	196.2	187.8	182.7
57.5	144.0	150.3	158.7	169.8	165.4	156.2
60.0	120.5	125.4	134.7	144.0	140.4	131.0
62.5	98.1	99.9	109.9	115.5	118.2	107.7
65.0	70.8	78.2	84.8	87.7	92.4	84.6
67.5	51.1	53.2	61.7	62.8	66.5	64.0
70.0	28.5	31.7	38.5	41.9	45.1	43.7
72.5	10.7	13.5	19.6	24.2	26.6	26.0

article code

Azar Teyf Co.

lamp(s)

1 x LED

total flux

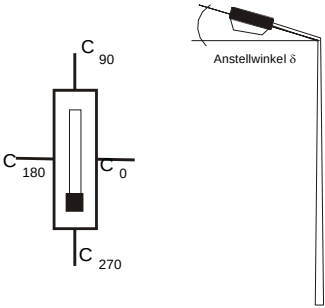
10182 lm

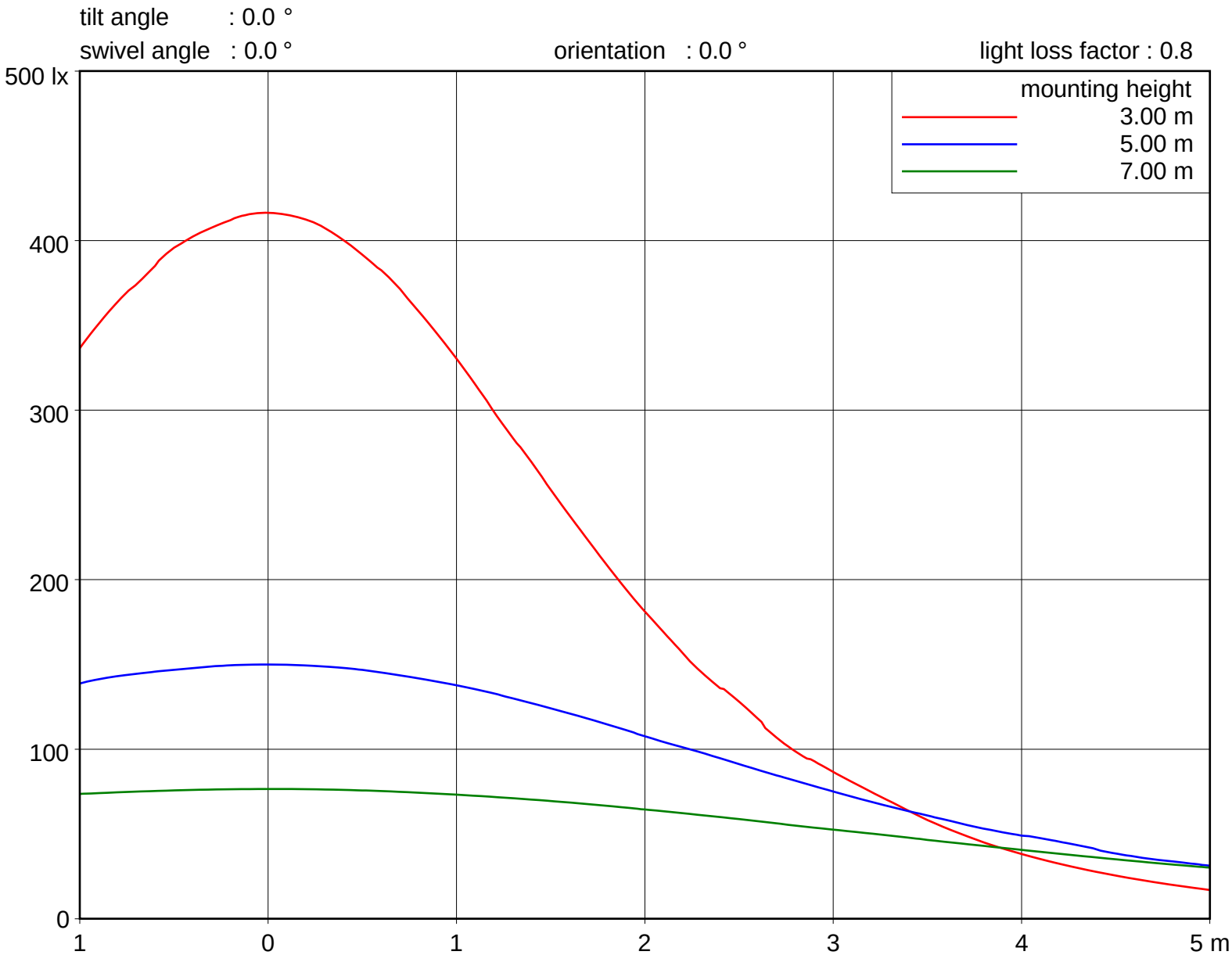
LOR

100 %

tilt angle

0.0 °





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