

meas. no. 01L1544
meas. date 4/18/2022
operator LightLab.

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 0.368 A
power consumption 47.4 W
Leistungsfaktor 0.566

meas. lamps lum. flux [lm]
absolute measurement 5266.5 lm
luminous efficacy 111 lm/w

dimensions of luminaire
length 240 mm
width 210 mm
height 60 mm

dimensions of luminous area
length 130 mm
width 165 mm
height C0 40 mm
height C90 40 mm
height C180 40 mm
height C270 40 mm

reflector

cover

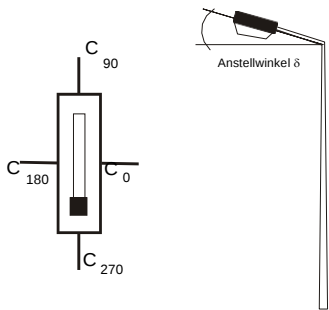
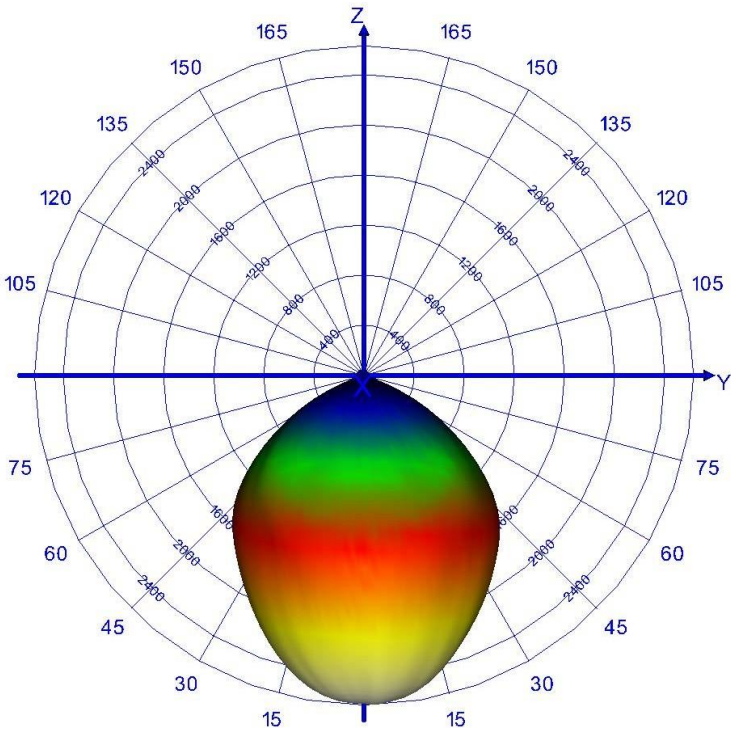
variant

measurement results
flux of luminaire 5266.5 lm
classification / DIN A50
lower flux fraction 100.00 %
upper flux fraction 0.00 %
intensity maximum 2629.1 cd
in C-plane 185.0 °
at gamma 2.5 °
half value angle C0 : 48.6 °
C90 : 43.2 °
C180 : 49.2 °
C270 : 45.0 °
tenth value angle C0 : 68.7 °
C90 : 65.7 °
C180 : 68.4 °
C270 : 66.5 °

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux 5267 lm
LOR
100 %
tilt angle 0.0 °

remarks



article code

Azar Teyf Co.

lamp(s)

1 x LED

total flux

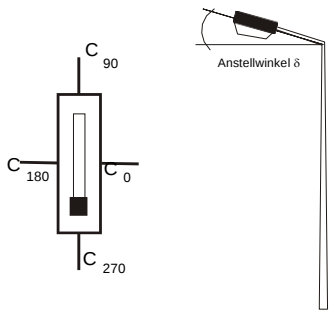
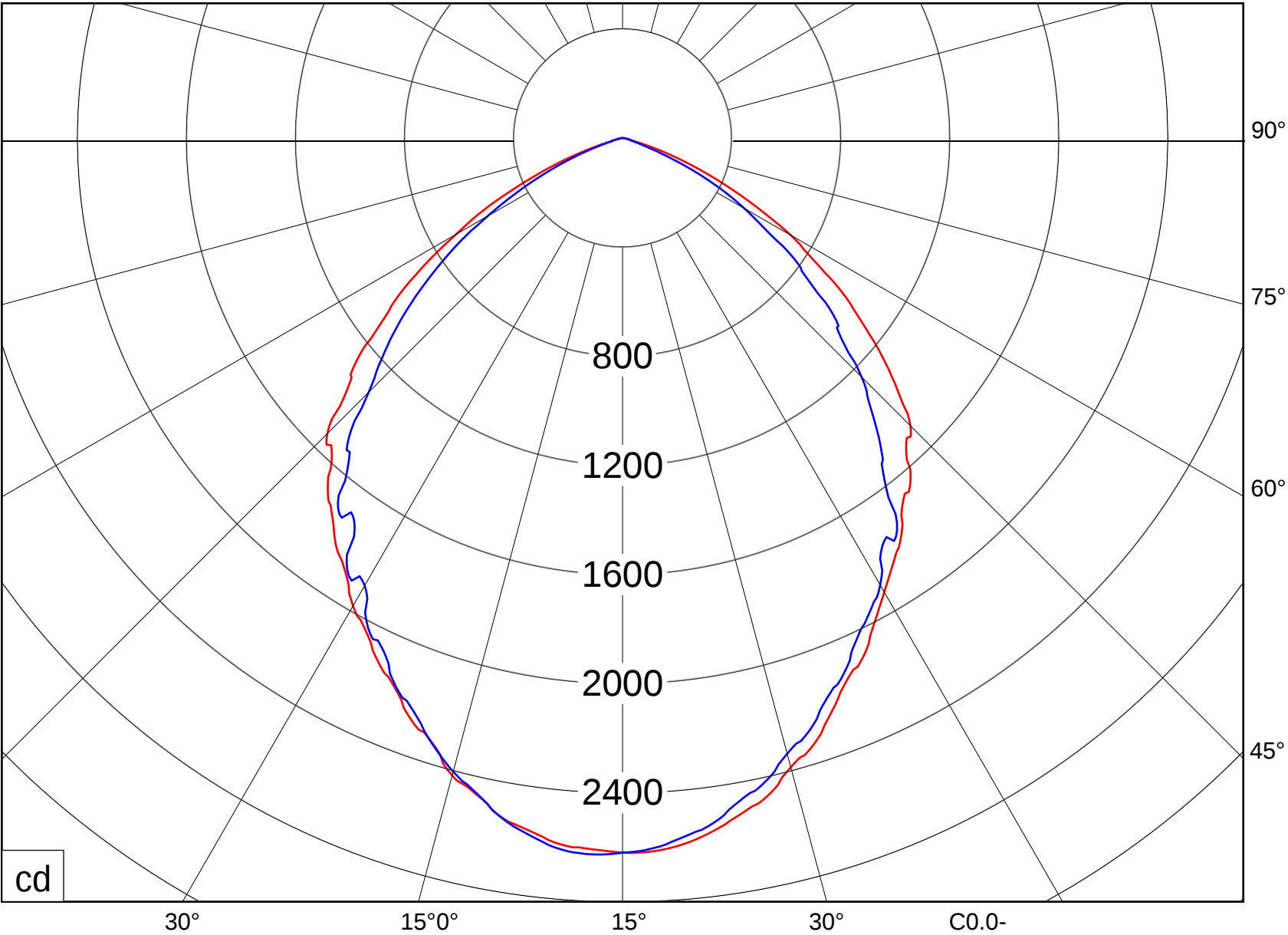
5267 lm

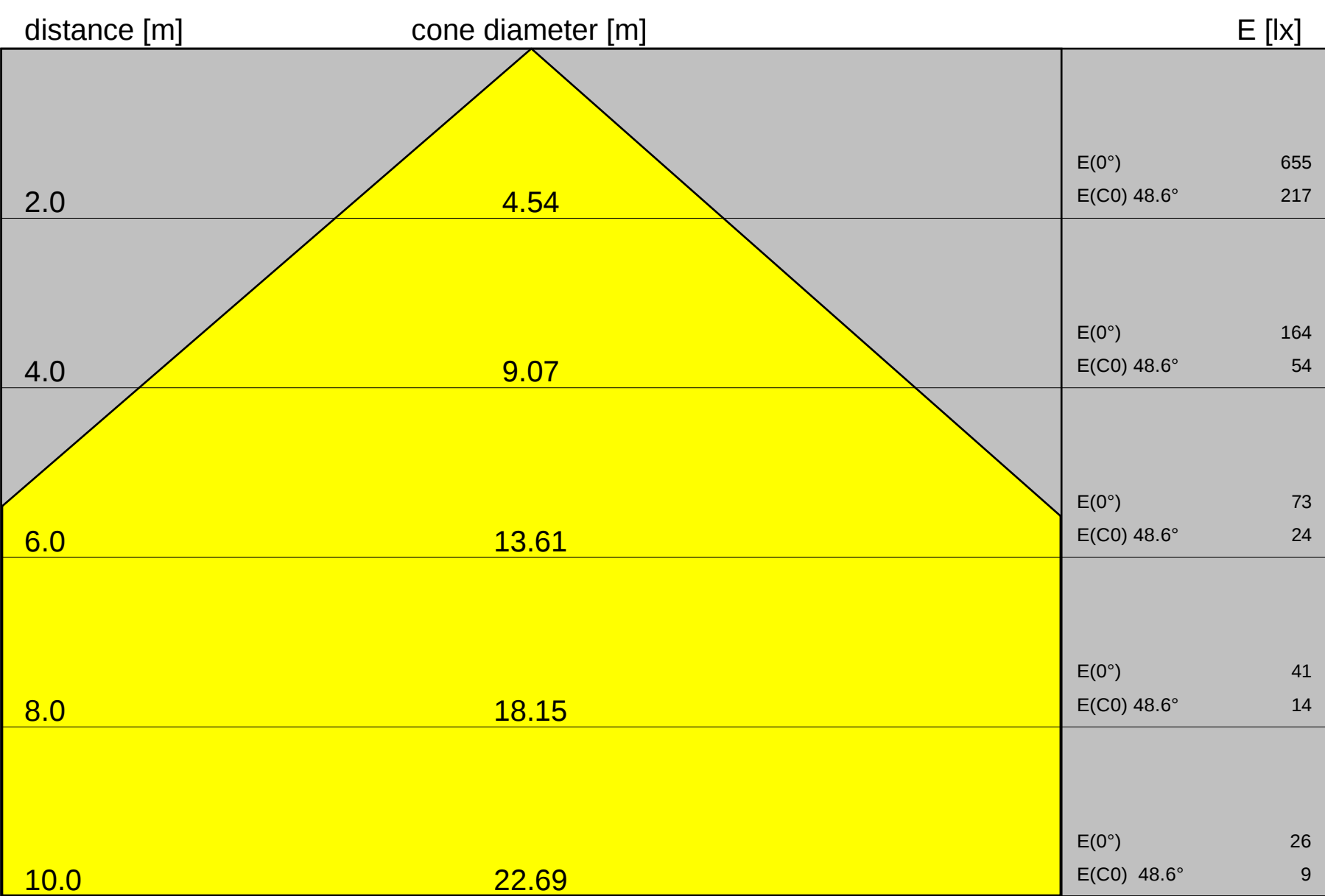
LOR

100 %

tilt angle

0.0 °

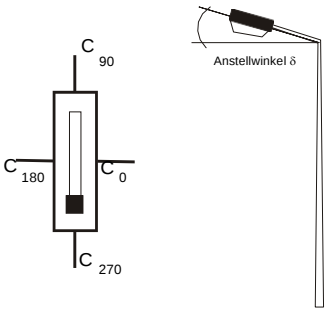




half value angle 97.2°

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
5267 lm
LOR
100 %
tilt angle
0.0 °



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lamp(s)

1 x LED

total flux

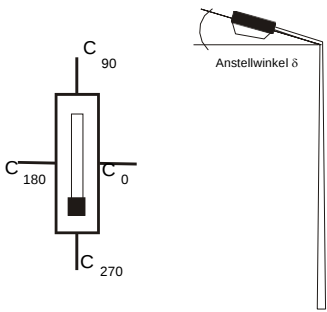
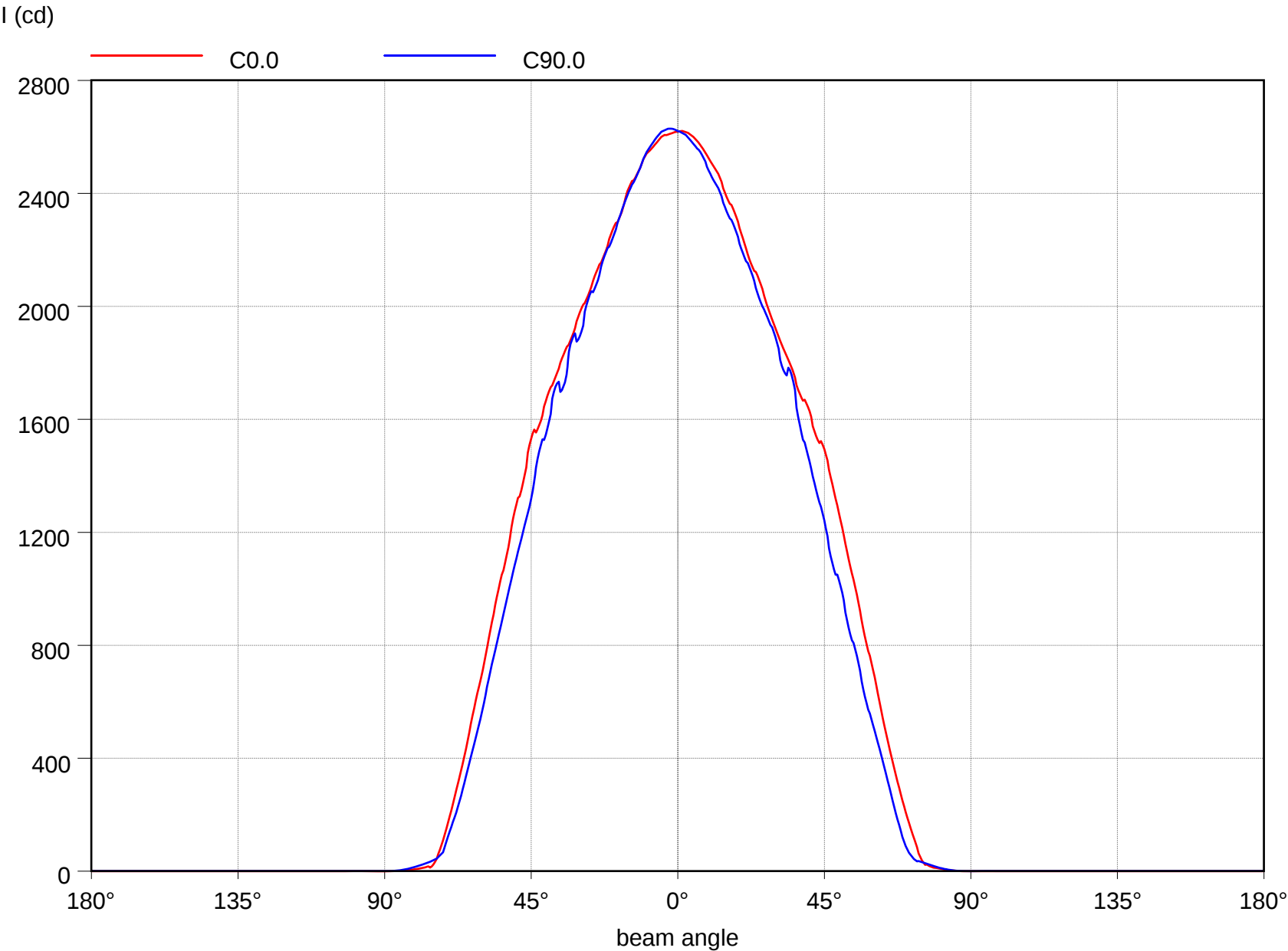
5267 lm

LOR

100 %

tilt angle

0.0 °



article code

Azar Teyf Co.

lamp(s)

1 x LED

total flux

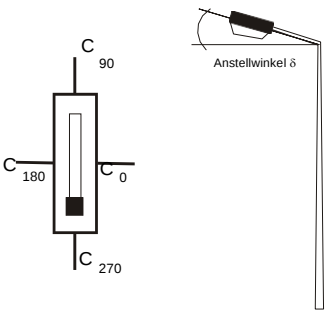
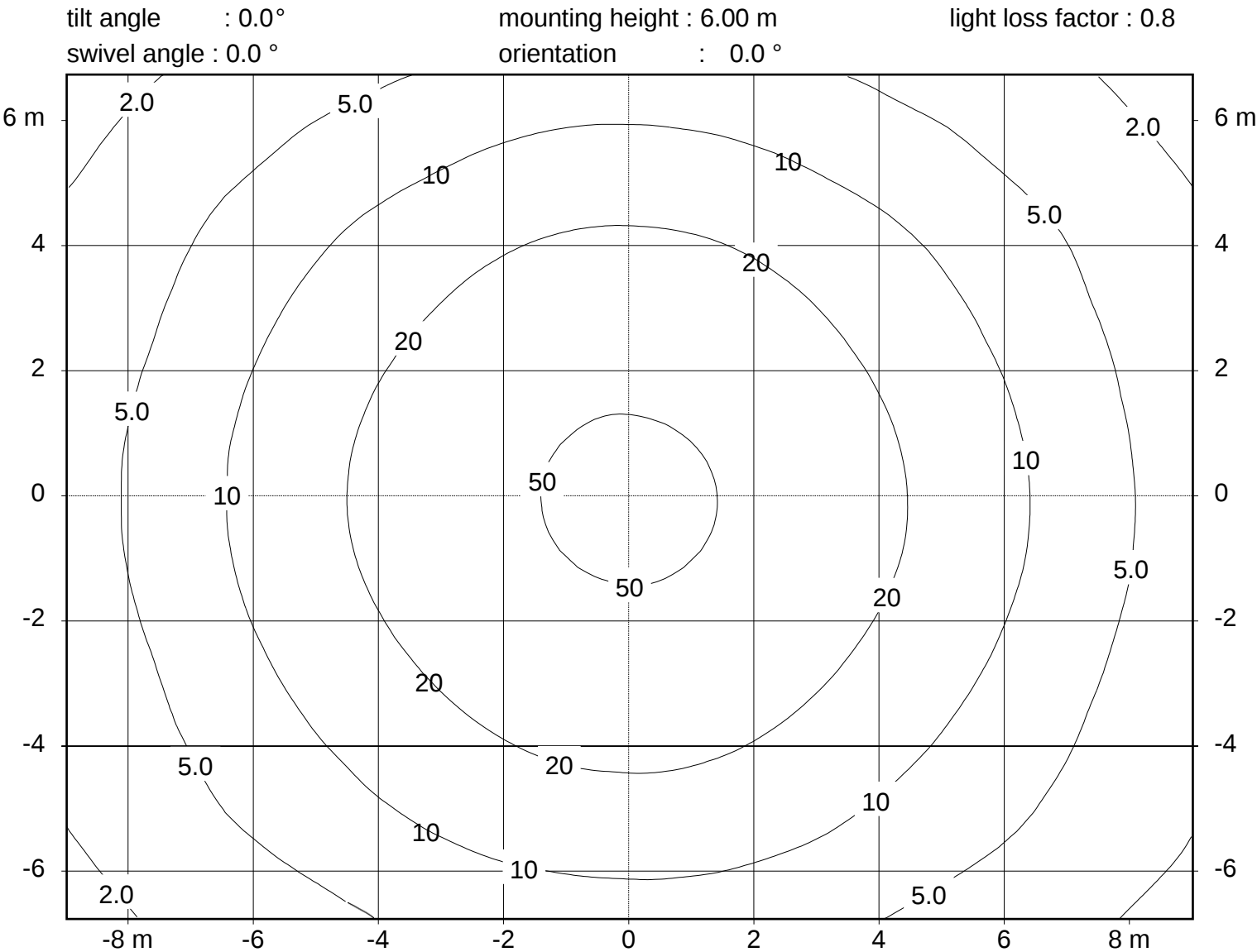
5267 lm

LOR

100 %

tilt angle

0.0 °

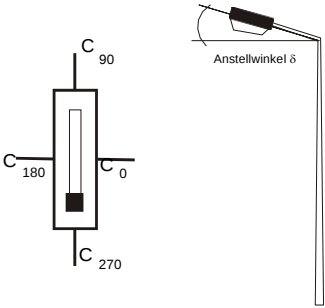


file : FLOODLIGHT_LED_50W_6000K

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	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5
2.5	497.0	496.3	495.6	494.9	494.4	494.5	494.9	494.9	494.7	495.0	495.1	495.3	495.6	495.7	496.0	496.7	497.7	498.7
5.0	493.3	491.8	491.9	491.6	490.9	488.8	488.5	492.0	493.3	492.5	492.9	493.2	493.7	493.1	492.9	492.4	493.5	495.2
7.5	486.6	485.4	483.6	482.7	481.0	480.8	481.4	483.9	485.8	485.5	487.6	487.9	487.1	488.4	487.7	487.8	487.3	488.5
10.0	477.6	477.1	475.0	471.3	470.9	469.8	468.8	476.2	476.1	477.0	478.4	481.0	480.7	480.8	479.4	479.2	478.0	478.5
12.5	468.8	466.3	462.2	460.7	457.9	456.6	459.1	464.2	464.4	466.8	468.2	470.3	468.4	470.2	469.3	469.2	467.1	466.3
15.0	453.5	452.3	449.6	444.6	444.7	443.4	443.7	450.4	451.0	450.8	455.9	458.4	459.3	457.9	455.8	455.7	454.3	453.4
17.5	442.9	438.2	434.1	431.0	429.7	430.0	432.7	435.9	437.3	437.7	442.0	444.4	441.3	445.4	442.6	438.5	440.1	439.4
20.0	425.6	422.0	417.4	413.8	413.1	413.4	415.6	419.9	421.1	421.7	427.4	429.5	430.9	429.8	425.8	424.5	424.5	426.5
22.5	408.6	407.9	401.0	398.7	398.2	398.5	403.3	405.2	406.1	406.8	411.0	414.6	414.4	415.0	411.7	407.7	408.4	409.9
25.0	397.8	390.7	384.9	380.4	380.6	382.9	385.5	389.4	389.9	390.6	395.0	399.2	402.6	400.2	395.2	392.7	392.4	395.5
27.5	380.3	374.1	368.9	363.8	365.1	368.0	372.5	374.9	374.5	372.3	378.1	383.5	387.1	384.8	379.8	376.0	376.5	379.7
30.0	364.9	358.6	351.9	346.8	349.2	354.5	359.1	361.1	358.2	357.0	363.3	369.8	375.7	370.9	362.5	359.2	359.8	364.2
32.5	351.1	342.9	334.5	331.9	334.7	340.3	336.8	344.8	342.2	339.1	346.1	355.8	359.1	355.3	347.5	344.0	345.0	349.3
35.0	338.5	329.7	318.4	316.0	320.2	324.0	333.4	328.1	327.4	325.2	331.0	339.9	347.5	341.2	330.9	325.1	329.0	334.0
37.5	320.8	314.8	303.7	299.9	305.4	308.2	299.7	314.9	312.0	310.4	315.1	326.8	332.1	326.4	315.3	309.4	313.0	318.8
40.0	312.2	298.6	287.1	286.0	288.3	281.4	279.7	283.1	297.9	292.6	298.8	308.7	319.5	309.6	300.6	293.8	298.6	302.9
42.5	292.6	282.5	273.6	270.6	265.9	255.4	256.4	259.7	269.8	279.1	283.1	294.7	299.8	294.5	283.1	279.5	282.4	285.6
45.0	283.8	268.3	258.3	255.1	236.0	237.5	235.7	242.1	242.8	264.3	267.0	276.8	290.8	279.3	268.3	263.9	266.4	256.3
47.5	260.1	250.1	243.4	234.4	219.7	211.0	207.0	213.6	225.1	243.4	252.3	260.9	260.8	261.5	253.3	248.6	239.6	232.7
50.0	236.1	231.7	227.8	207.4	198.2	190.6	191.8	193.6	197.8	213.5	235.2	234.1	242.2	238.1	237.8	232.9	212.9	211.8
52.5	210.0	205.4	210.8	190.1	172.9	170.2	163.8	168.8	175.4	194.5	210.6	205.4	212.3	208.3	214.7	211.5	193.9	183.8
55.0	186.0	180.9	186.5	168.5	155.3	144.2	144.9	146.5	153.4	172.1	182.4	181.5	189.5	186.0	187.2	181.3	164.4	163.3
57.5	157.6	156.9	154.3	144.3	128.5	121.8	117.3	120.9	130.7	144.8	157.4	153.9	161.7	156.6	166.4	161.2	146.1	135.9
60.0	135.4	129.5	129.1	120.7	108.5	102.8	98.2	101.9	108.9	115.6	124.1	132.3	133.7	136.6	140.6	125.7	119.1	113.1
62.5	108.0	107.1	100.4	91.7	89.4	78.3	77.9	78.3	87.0	91.5	102.2	104.6	109.4	109.0	110.2	104.9	97.9	91.8
65.0	82.8	87.0	75.8	71.4	66.0	57.2	56.2	56.8	64.5	66.3	74.2	79.6	82.1	83.5	83.1	77.2	75.7	69.5
67.5	60.4	64.0	57.2	50.0	45.7	38.5	34.8	38.1	41.7	46.2	52.5	57.3	58.6	61.1	58.0	53.7	51.9	48.2
70.0	39.8	42.2	35.9	31.2	25.6	18.8	16.9	17.4	23.1	28.9	33.0	37.5	36.6	41.3	37.5	34.5	30.9	26.7
72.5	22.5	21.2	19.0	15.9	11.5	7.5	8.1	7.8	9.0	13.6	17.9	18.6	17.5	20.4	21.3	19.0	15.7	11.7

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
5267 lm
LOR
100 %
tilt angle
0.0 °

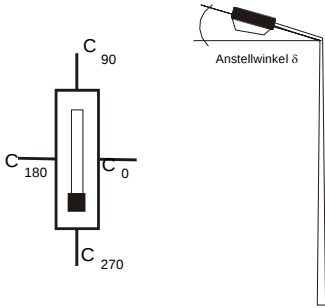


file : FLOODLIGHT_LED_50W_6000K

gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	497.5	497.5	497.5	497.5	497.5	497.5
2.5	499.2	499.1	498.7	498.4	498.2	497.8
5.0	497.0	497.3	497.2	496.3	496.2	494.6
7.5	490.1	490.9	490.5	490.2	489.9	489.3
10.0	481.2	481.7	481.4	480.1	481.3	480.0
12.5	467.8	470.8	469.5	470.0	470.6	470.2
15.0	456.6	457.7	456.6	456.3	457.8	456.9
17.5	441.9	444.1	440.8	440.3	445.2	444.0
20.0	425.1	428.7	427.7	427.0	427.3	427.7
22.5	413.2	412.0	409.7	409.0	411.1	411.1
25.0	394.2	396.9	395.3	392.6	395.1	395.8
27.5	384.2	380.3	378.0	373.9	377.3	380.9
30.0	359.6	365.4	362.5	358.5	360.3	364.7
32.5	357.0	349.7	344.5	342.4	344.9	350.9
35.0	326.0	333.3	330.9	325.2	329.0	335.8
37.5	325.5	320.4	312.6	310.6	311.3	321.6
40.0	297.5	302.7	296.7	293.7	295.9	307.0
42.5	282.0	287.2	282.8	276.9	280.1	289.6
45.0	250.1	261.0	266.8	261.6	265.9	275.0
47.5	227.8	231.2	243.4	246.0	249.3	256.9
50.0	205.8	211.8	212.6	231.1	233.4	235.8
52.5	182.3	183.8	192.7	211.4	215.9	208.4
55.0	158.0	161.5	165.6	186.4	189.8	185.2
57.5	134.3	135.5	145.7	161.4	165.9	161.3
60.0	107.8	116.4	120.2	134.7	141.7	133.8
62.5	85.2	92.2	102.0	103.6	114.5	108.8
65.0	63.4	69.5	78.6	79.5	85.2	88.4
67.5	43.0	49.1	56.0	58.3	65.5	67.2
70.0	26.4	28.6	33.4	37.4	41.8	43.0
72.5	10.5	13.4	17.0	20.9	23.2	24.9

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
5267 lm
LOR
100 %
tilt angle
0.0 °

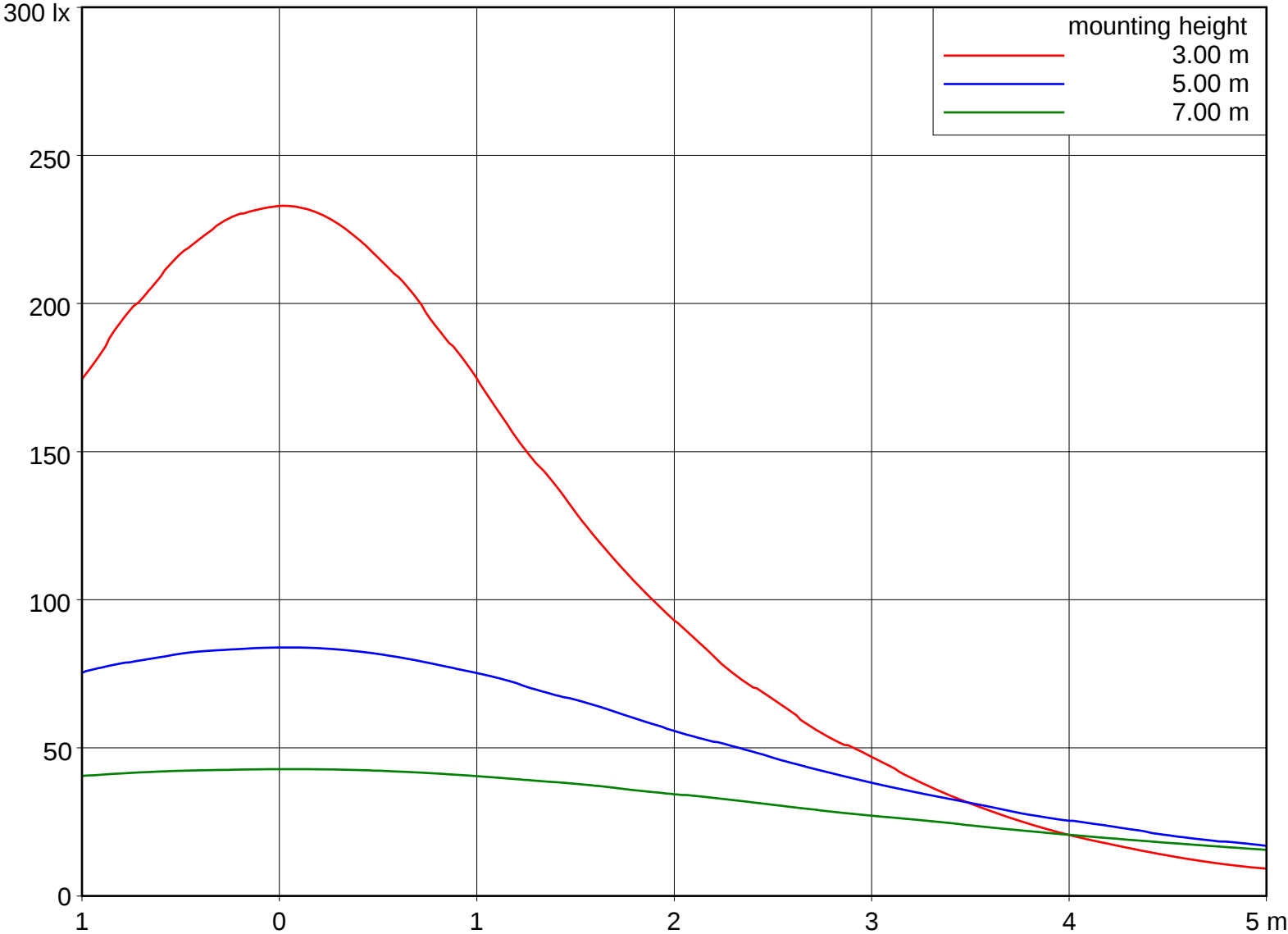


tilt angle : 0.0 °

swivel angle : 0.0 °

orientation : 0.0 °

light loss factor : 0.8



article code

Azar Teyf Co.

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total flux

5267 lm

LOR

100 %

tilt angle

0.0 °

