

file : FLOODLIGHT_LED_FL50W_ALFA_50W_6000K

meas. no. 03L1946
meas. date 4/27/2024
operator LightLab.

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 0.210 A
power consumption 47.3 W
Leistungsfaktor 0.979

meas. lamps lum. flux [lm]
absolute measurement 5502.8 lm
luminous efficacy 116 lm/w

dimensions of luminaire
length 250 mm
width 210 mm
height 50 mm

dimensions of luminous area
length 100 mm
width 100 mm
height C0 30 mm
height C90 30 mm
height C180 30 mm
height C270 30 mm

reflector

cover

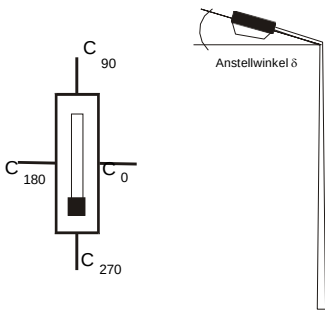
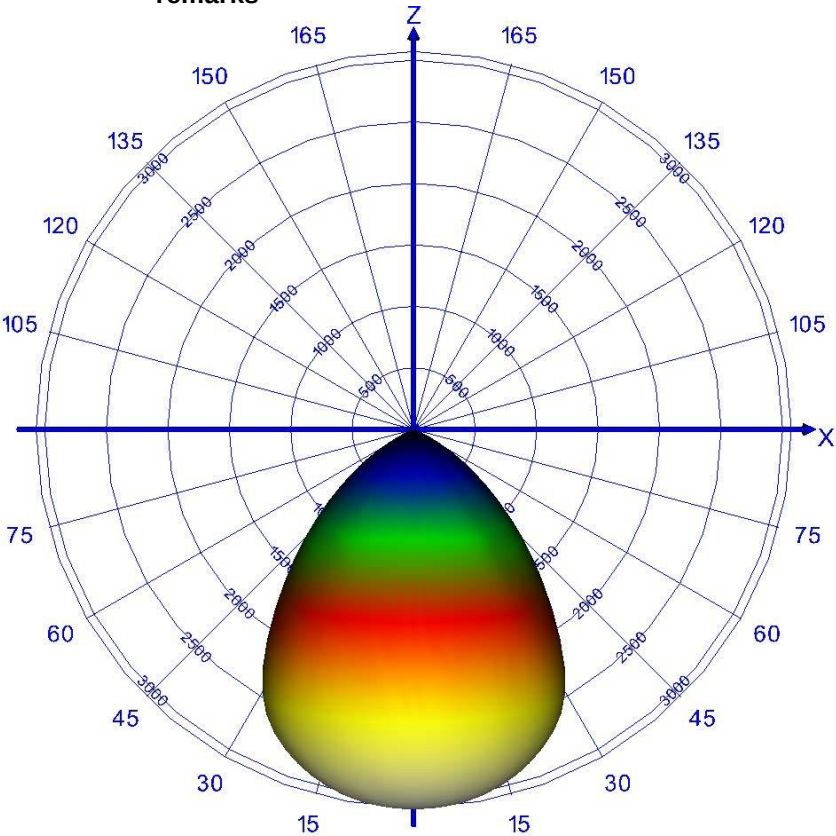
variant

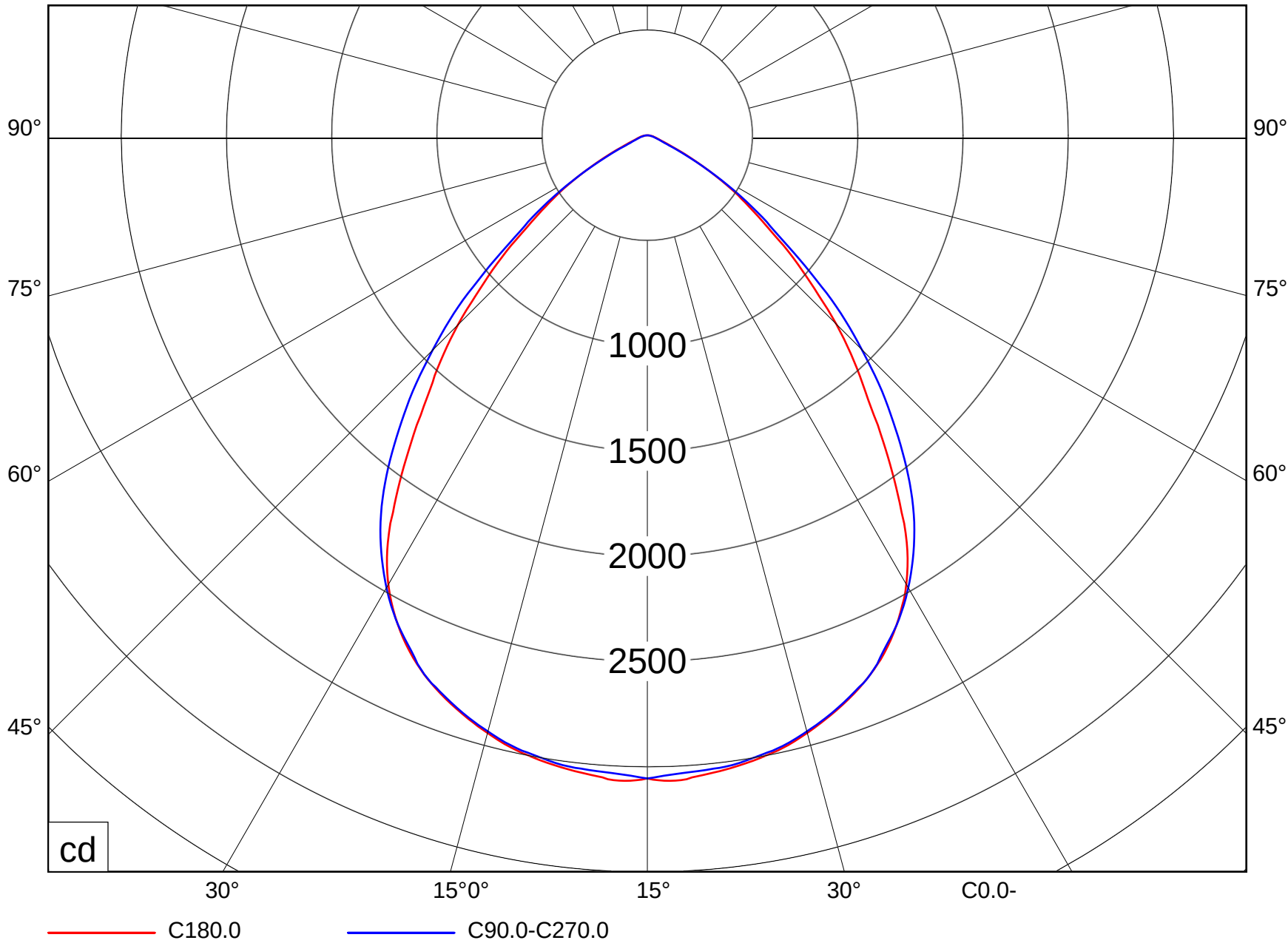
measurement results
flux of luminaire 5502.8 lm
classification / DIN A50
lower flux fraction 100.00 %
upper flux fraction 0.00 %
intensity maximum 3215.9 cd
in C-plane 347.5 °
at gamma 2.5 °
half value angle C0 : 41.3 °
C90 : 43.9 °
C270 : 43.9 °
tenth value angle C0 : 60.6 °
C90 : 60.5 °
C270 : 60.5 °

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux 5503 lm
LOR
100 %
tilt angle 0.0 °

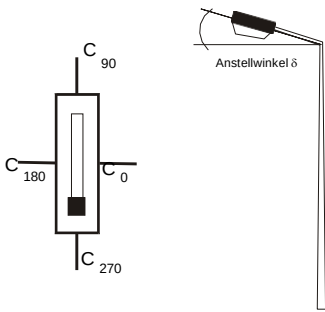
remarks

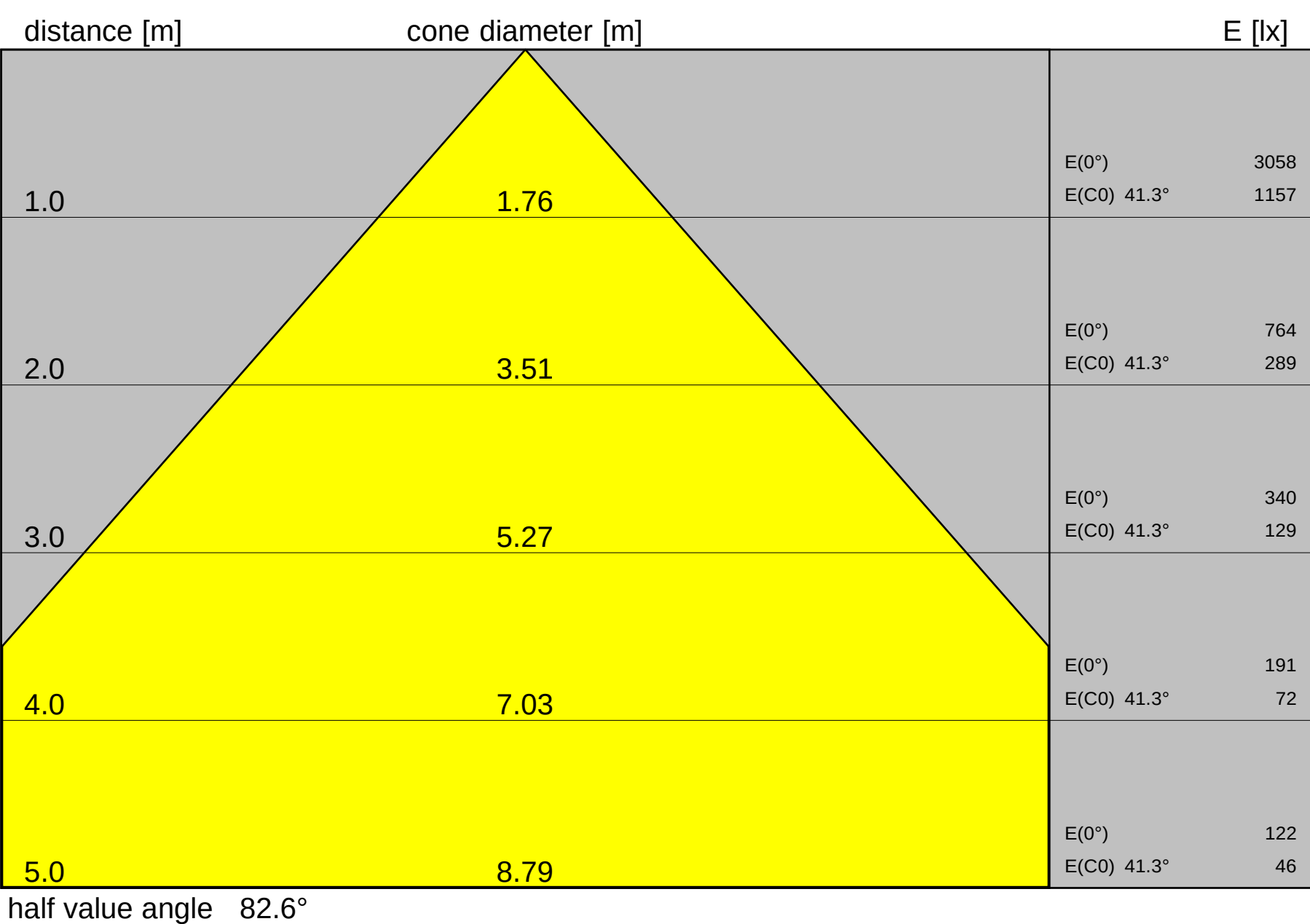




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LOR
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lamp(s)

1 x LED

total flux

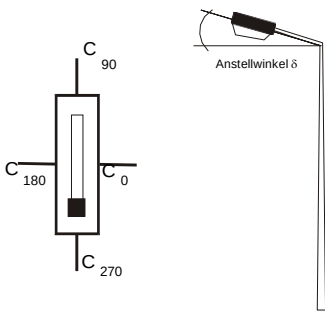
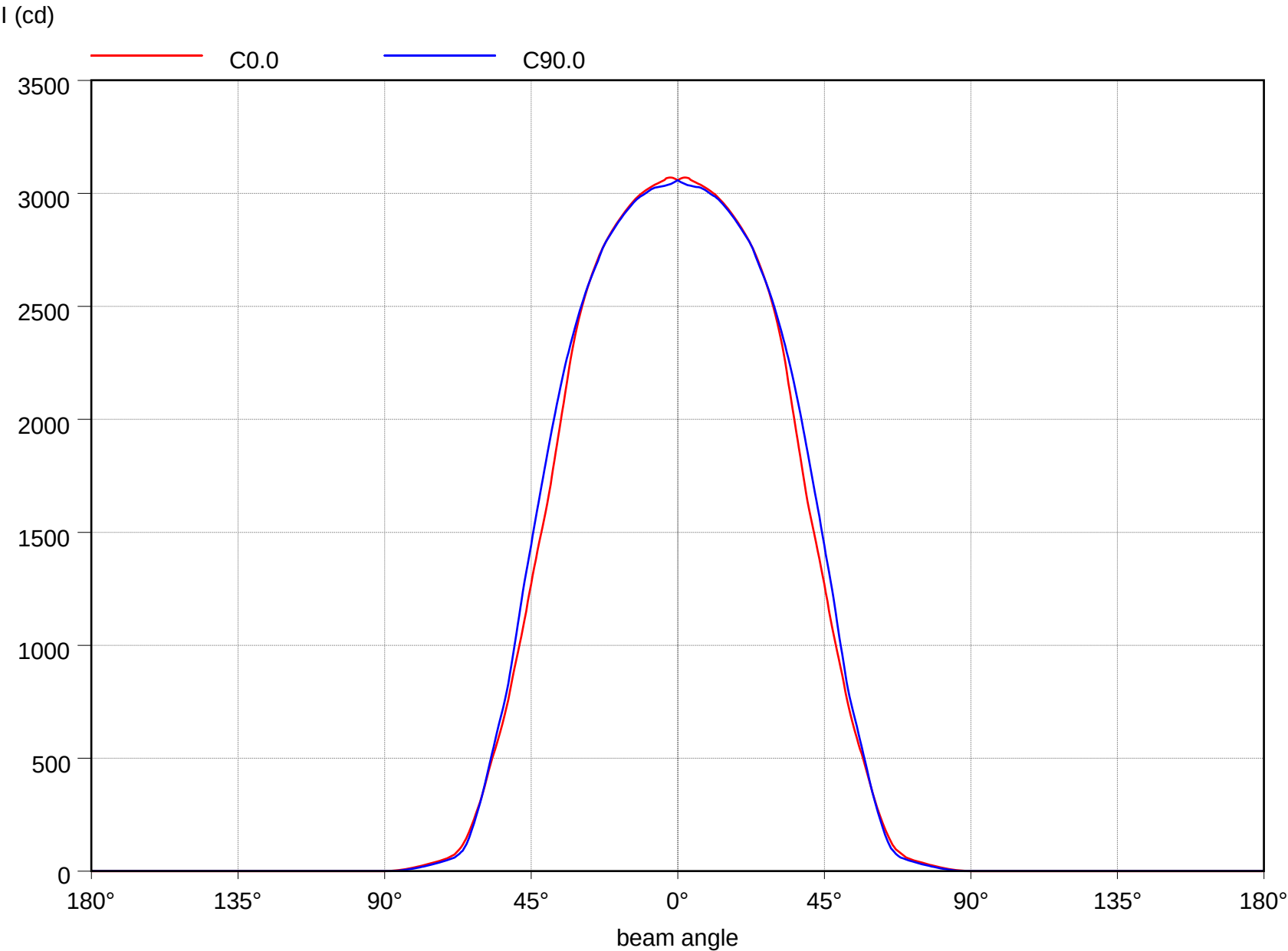
5503 lm

LOR

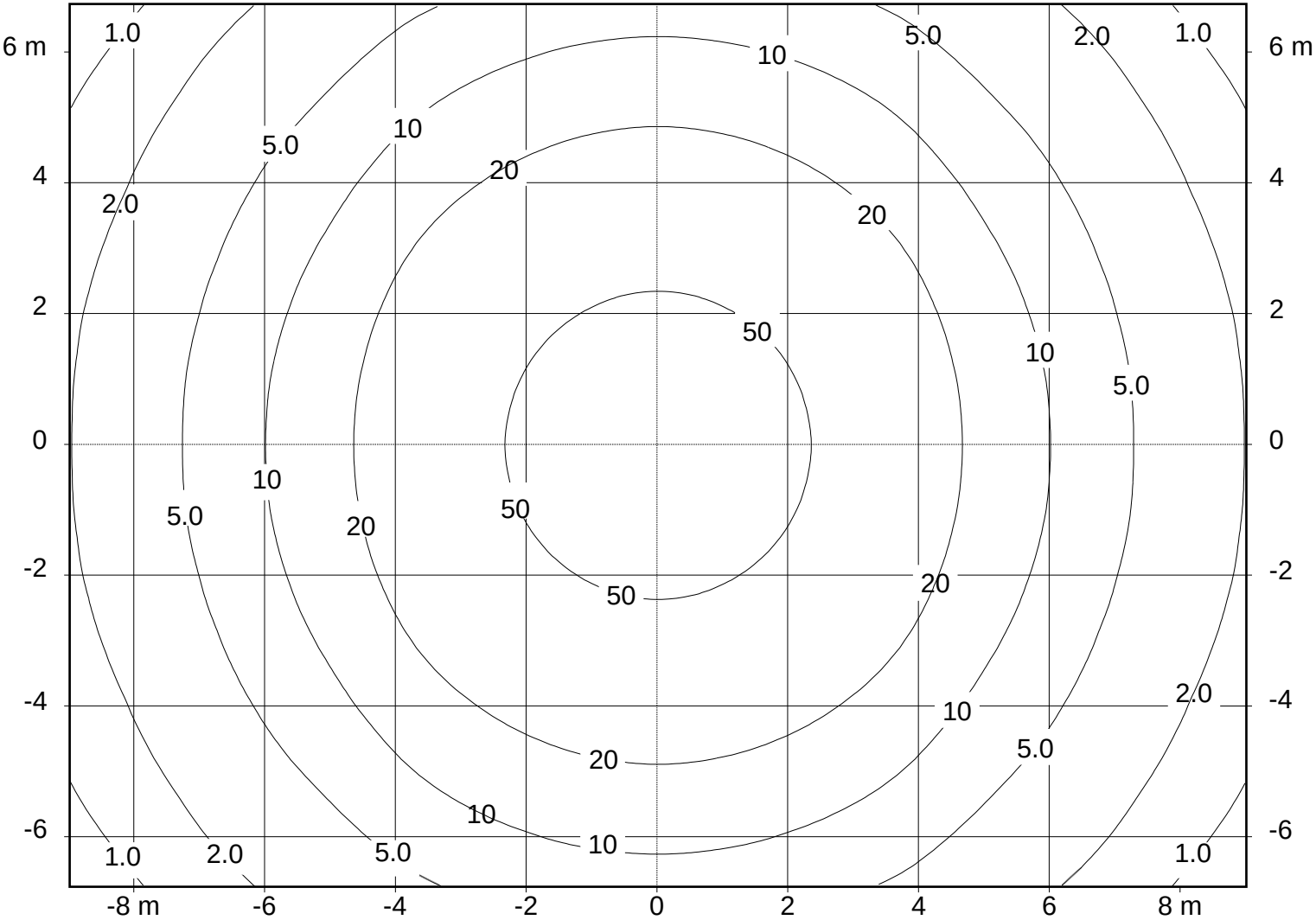
100 %

tilt angle

0.0 °

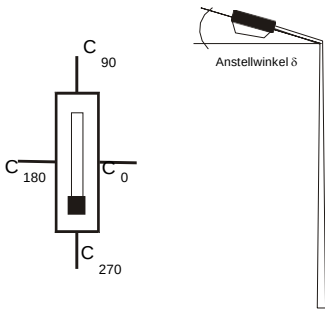


tilt angle : 0.0 °
swivel angle : 0.0 °
mounting height : 6.00 m
orientation : 0.0 °
light loss factor : 0.8



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LOR
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tilt angle
0.0 °

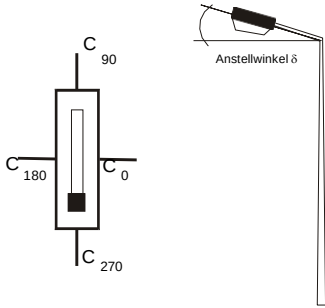


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gamma / °	C 0	C 15	C 30	C 45	C 60	C 75	C 90	C 105	C 120	C 135	C 150	C 165	C 180	C 195	C 210	C 225	C 240	C 255
0.0	555.7	555.7	555.7	555.7	555.7	555.7	555.7	555.7	555.7	555.7	555.7	555.7	555.7	555.7	555.7	555.7	555.7	555.7
2.5	557.9	557.7	556.8	555.0	553.3	552.4	552.3	552.4	553.3	555.0	556.8	557.7	557.9	557.7	556.8	555.0	553.3	552.4
5.0	554.7	554.3	551.3	551.1	550.7	550.7	550.7	550.7	550.7	551.1	551.3	554.3	554.7	554.3	551.3	551.1	550.7	550.7
7.5	551.4	549.8	548.4	548.0	548.2	548.3	549.1	548.3	548.2	548.0	548.4	549.8	551.4	549.8	548.4	548.0	548.2	548.3
10.0	547.2	544.0	544.5	545.0	544.8	545.0	544.9	545.0	544.8	545.0	544.5	544.0	547.2	544.0	544.5	545.0	544.8	545.0
12.5	542.0	538.5	539.4	539.5	540.0	540.2	540.4	540.2	540.0	539.5	539.4	538.5	542.0	538.5	539.4	539.5	540.0	540.2
15.0	534.4	532.2	532.0	532.8	532.6	533.1	533.1	533.1	532.6	532.8	532.0	532.2	534.4	532.2	532.0	532.8	532.6	533.1
17.5	525.6	524.0	524.0	523.9	524.3	524.7	524.6	524.7	524.3	523.9	524.0	524.0	525.6	524.0	524.0	523.9	524.3	524.7
20.0	515.7	513.7	513.0	514.0	513.5	514.2	514.7	514.2	513.5	514.0	513.0	513.7	515.7	513.7	513.0	514.0	513.5	514.2
22.5	504.0	501.4	500.7	501.1	501.2	503.0	503.8	503.0	501.2	501.1	500.7	501.4	504.0	501.4	500.7	501.1	501.2	503.0
25.0	489.2	485.4	486.5	485.5	487.2	487.6	487.5	487.6	487.2	485.5	486.5	485.4	489.2	485.4	486.5	485.5	487.2	487.6
27.5	470.4	467.1	468.8	468.7	470.1	470.6	471.0	470.6	470.1	468.7	468.8	467.1	470.4	467.1	468.8	468.7	470.1	470.6
30.0	447.7	446.3	447.0	447.7	448.6	450.0	451.0	450.0	448.6	447.7	447.0	446.3	447.7	446.3	447.0	447.7	448.6	450.0
32.5	417.1	419.8	422.0	423.5	425.7	426.5	427.7	426.5	425.7	423.5	422.0	419.8	417.1	419.8	422.0	423.5	425.7	426.5
35.0	376.7	381.9	391.7	395.9	396.9	399.5	401.4	399.5	396.9	395.9	391.7	381.9	376.7	381.9	391.7	395.9	396.9	399.5
37.5	335.8	340.8	353.6	364.4	366.4	368.8	370.1	368.8	366.4	364.4	353.6	340.8	335.8	340.8	353.6	364.4	366.4	368.8
40.0	296.2	299.3	312.9	329.8	333.5	334.6	335.1	334.6	333.5	329.8	312.9	299.3	296.2	299.3	312.9	329.8	333.5	334.6
42.5	264.3	264.7	271.5	290.5	298.2	299.0	300.0	299.0	298.2	290.5	271.5	264.7	264.3	264.7	271.5	290.5	298.2	299.0
45.0	231.0	232.7	235.3	248.3	261.6	262.0	262.2	262.0	261.6	248.3	235.3	232.7	231.0	232.7	235.3	248.3	261.6	262.0
47.5	195.5	197.0	203.1	209.1	225.1	224.9	225.1	224.9	225.1	209.1	203.1	197.0	195.5	197.0	203.1	209.1	225.1	224.9
50.0	164.2	166.2	170.2	174.1	188.9	185.6	182.6	185.6	188.9	174.1	170.2	166.2	164.2	166.2	170.2	174.1	188.9	185.6
52.5	132.3	134.6	140.1	144.7	152.8	146.1	144.2	146.1	152.8	144.7	140.1	134.6	132.3	134.6	140.1	144.7	152.8	146.1
55.0	107.2	108.5	112.0	117.2	115.9	117.0	116.5	117.0	115.9	117.2	112.0	108.5	107.2	108.5	112.0	117.2	115.9	117.0
57.5	85.5	86.1	86.9	90.3	87.4	90.8	88.8	90.8	87.4	90.3	86.9	86.1	85.5	86.1	86.9	90.3	87.4	90.8
60.0	61.5	64.5	64.4	64.0	62.8	63.5	61.4	63.5	62.8	64.0	64.4	64.5	61.5	64.5	64.4	64.0	62.8	63.5
62.5	42.1	43.0	43.5	40.3	39.7	39.4	38.8	39.4	39.7	40.3	43.5	43.0	42.1	43.0	43.5	40.3	39.7	39.4
65.0	25.9	27.3	26.5	24.7	23.1	22.1	20.8	22.1	23.1	24.7	26.5	27.3	25.9	27.3	26.5	24.7	23.1	22.1
67.5	16.0	16.7	16.6	15.5	14.6	13.7	12.7	13.7	14.6	15.5	16.6	16.7	16.0	16.7	16.6	15.5	14.6	13.7
70.0	11.2	11.7	11.8	11.3	10.8	10.1	9.5	10.1	10.8	11.3	11.8	11.7	11.2	11.7	11.8	11.3	10.8	10.1

article code
Azar Teyf Co.

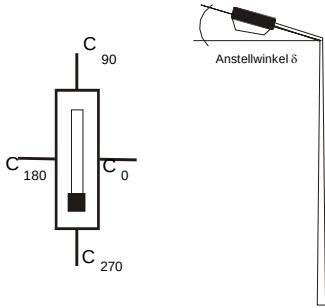
lamp(s)
1 x LED
total flux
5503 lm
LOR
100 %
tilt angle
0.0 °

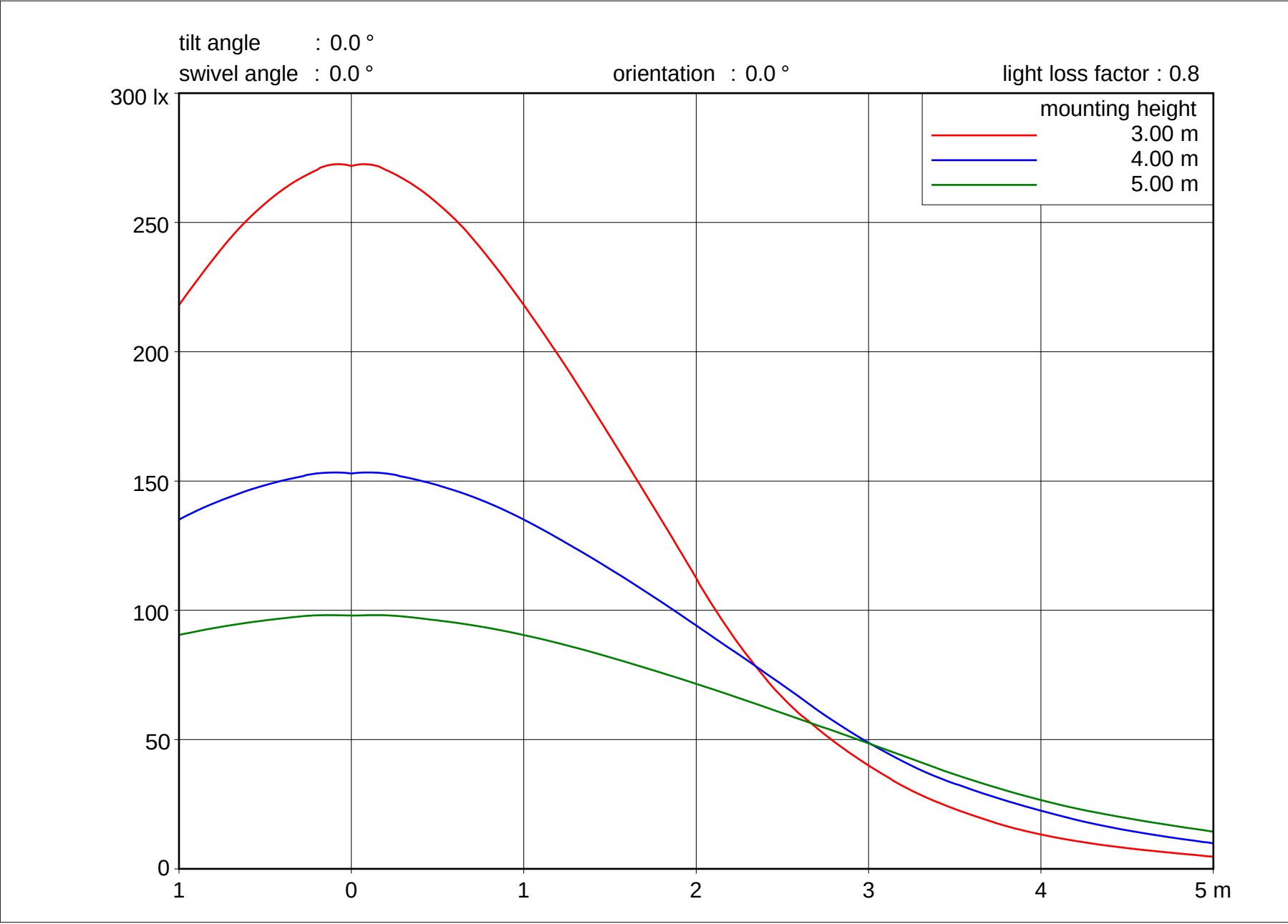


gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	555.7	555.7	555.7	555.7	555.7	555.7
2.5	552.3	552.4	553.3	555.0	556.8	557.7
5.0	550.7	550.7	550.7	551.1	551.3	554.3
7.5	549.1	548.3	548.2	548.0	548.4	549.8
10.0	544.9	545.0	544.8	545.0	544.5	544.0
12.5	540.4	540.2	540.0	539.5	539.4	538.5
15.0	533.1	533.1	532.6	532.8	532.0	532.2
17.5	524.6	524.7	524.3	523.9	524.0	524.0
20.0	514.7	514.2	513.5	514.0	513.0	513.7
22.5	503.8	503.0	501.2	501.1	500.7	501.4
25.0	487.5	487.6	487.2	485.5	486.5	485.4
27.5	471.0	470.6	470.1	468.7	468.8	467.1
30.0	451.0	450.0	448.6	447.7	447.0	446.3
32.5	427.7	426.5	425.7	423.5	422.0	419.8
35.0	401.4	399.5	396.9	395.9	391.7	381.9
37.5	370.1	368.8	366.4	364.4	353.6	340.8
40.0	335.1	334.6	333.5	329.8	312.9	299.3
42.5	300.0	299.0	298.2	290.5	271.5	264.7
45.0	262.2	262.0	261.6	248.3	235.3	232.7
47.5	225.1	224.9	225.1	209.1	203.1	197.0
50.0	182.6	185.6	188.9	174.1	170.2	166.2
52.5	144.2	146.1	152.8	144.7	140.1	134.6
55.0	116.5	117.0	115.9	117.2	112.0	108.5
57.5	88.8	90.8	87.4	90.3	86.9	86.1
60.0	61.4	63.5	62.8	64.0	64.4	64.5
62.5	38.8	39.4	39.7	40.3	43.5	43.0
65.0	20.8	22.1	23.1	24.7	26.5	27.3
67.5	12.7	13.7	14.6	15.5	16.6	16.7
70.0	9.5	10.1	10.8	11.3	11.8	11.7

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
5503 lm
LOR
100 %
tilt angle
0.0 °





article code

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lamp(s)

1 x LED

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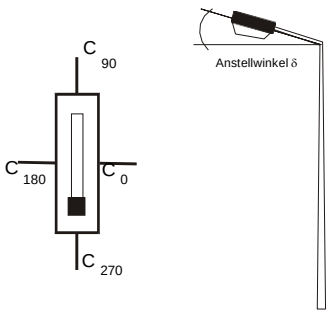
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class		glare rating for illuminance (lx)								
A	A	1000	750	500	--	≤ 300				
1	B	2000	1500	1000	750	500	≤ 300			
2	D					2000	1000	500	≤ 300	
3	E						2000	1000	500	≤ 300

