

file : FLOODLIGHT_LED_FL150W_ALFA_150W_6000K

meas. no. 03L1948
meas. date 4/27/2024
operator LightLab.

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 0.641 A
power consumption 145.1 W
Leistungsfaktor 0.982

meas. lamps lum. flux [lm]
absolute measurement 16414.7 lm
luminous efficacy 113 lm/w

dimensions of luminaire
length 345 mm
width 295 mm
height 50 mm

dimensions of luminous area
length 150 mm
width 200 mm
height C0 30 mm
height C90 30 mm
height C180 30 mm
height C270 30 mm

reflector

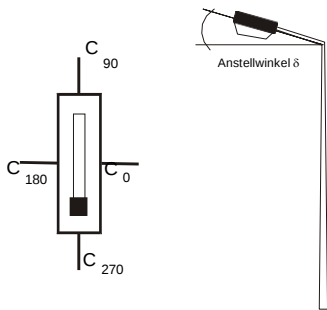
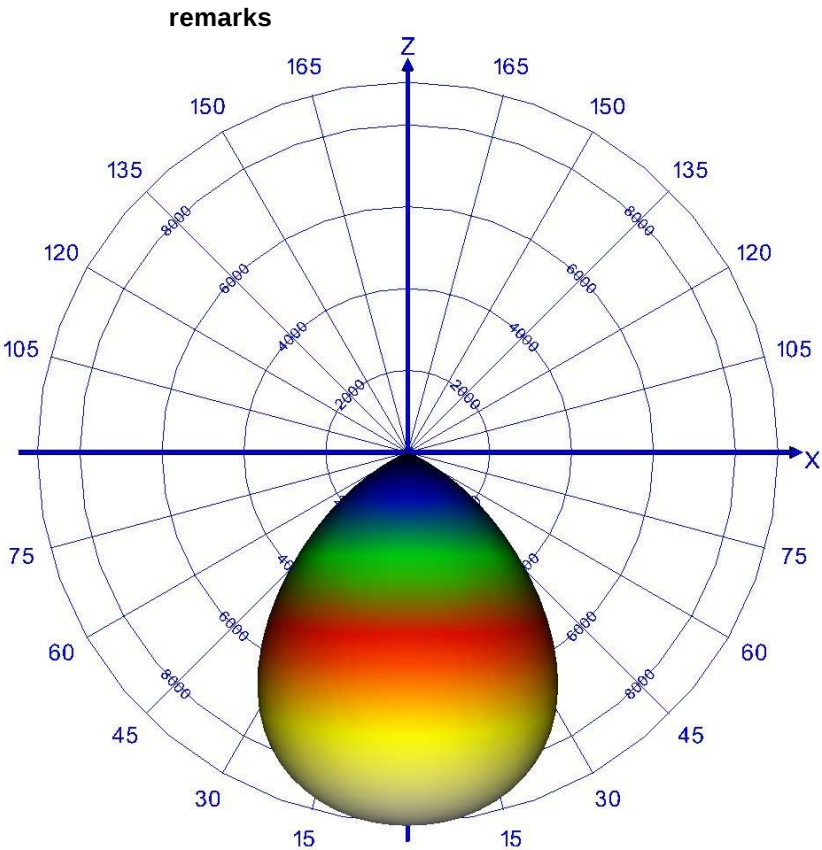
cover

variant

measurement results
flux of luminaire 16414.7 lm
classification / DIN A50
lower flux fraction 100.00 %
upper flux fraction 0.00 %
intensity maximum 9293.5 cd
in C-plane 335.0 °
at gamma 5.0 °
half value angle C0 : 43.3 °
C90 : 42.7 °
C270 : 42.7 °
tenth value angle C0 : 61.2 °
C90 : 61.1 °
C270 : 61.1 °

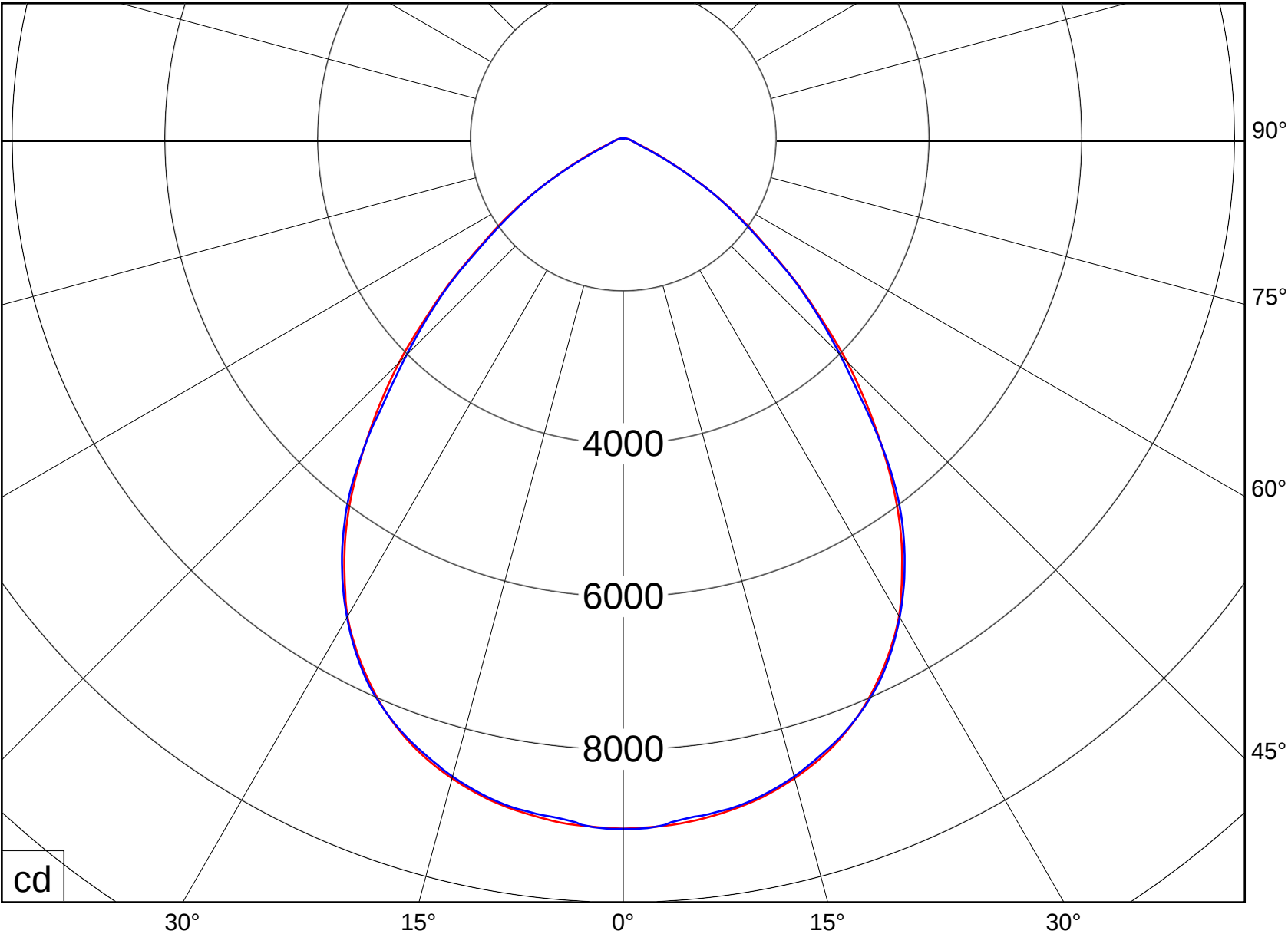
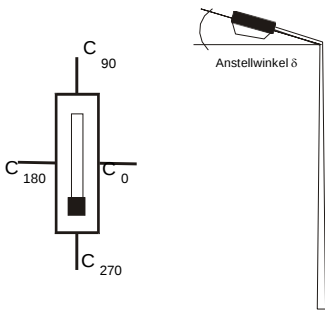
article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux 16415 lm
LOR
100 %
tilt angle 0.0 °

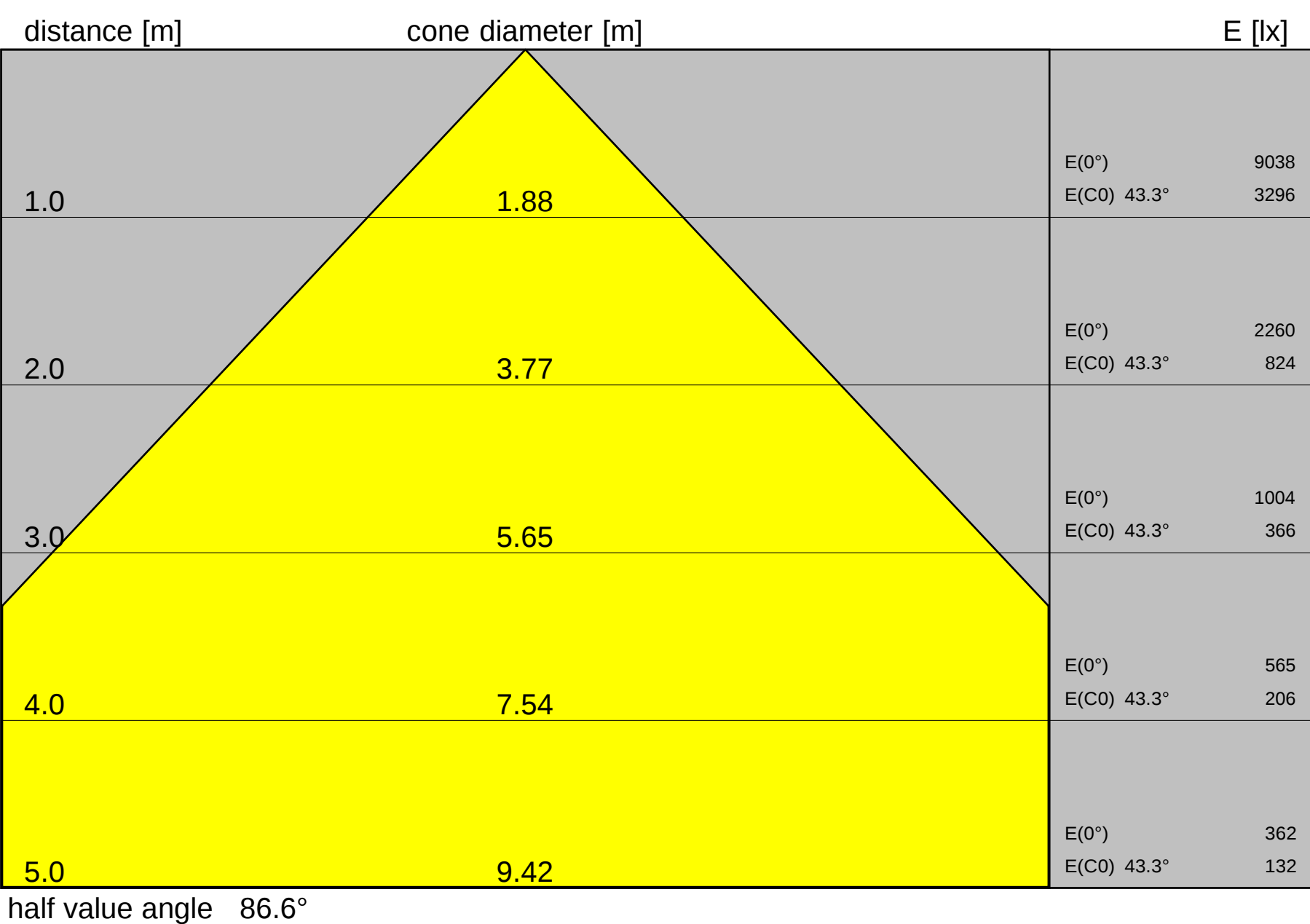


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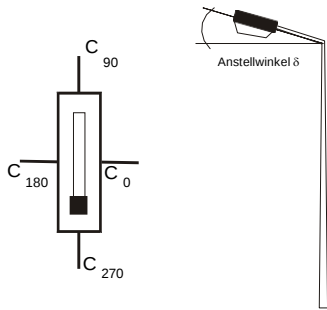


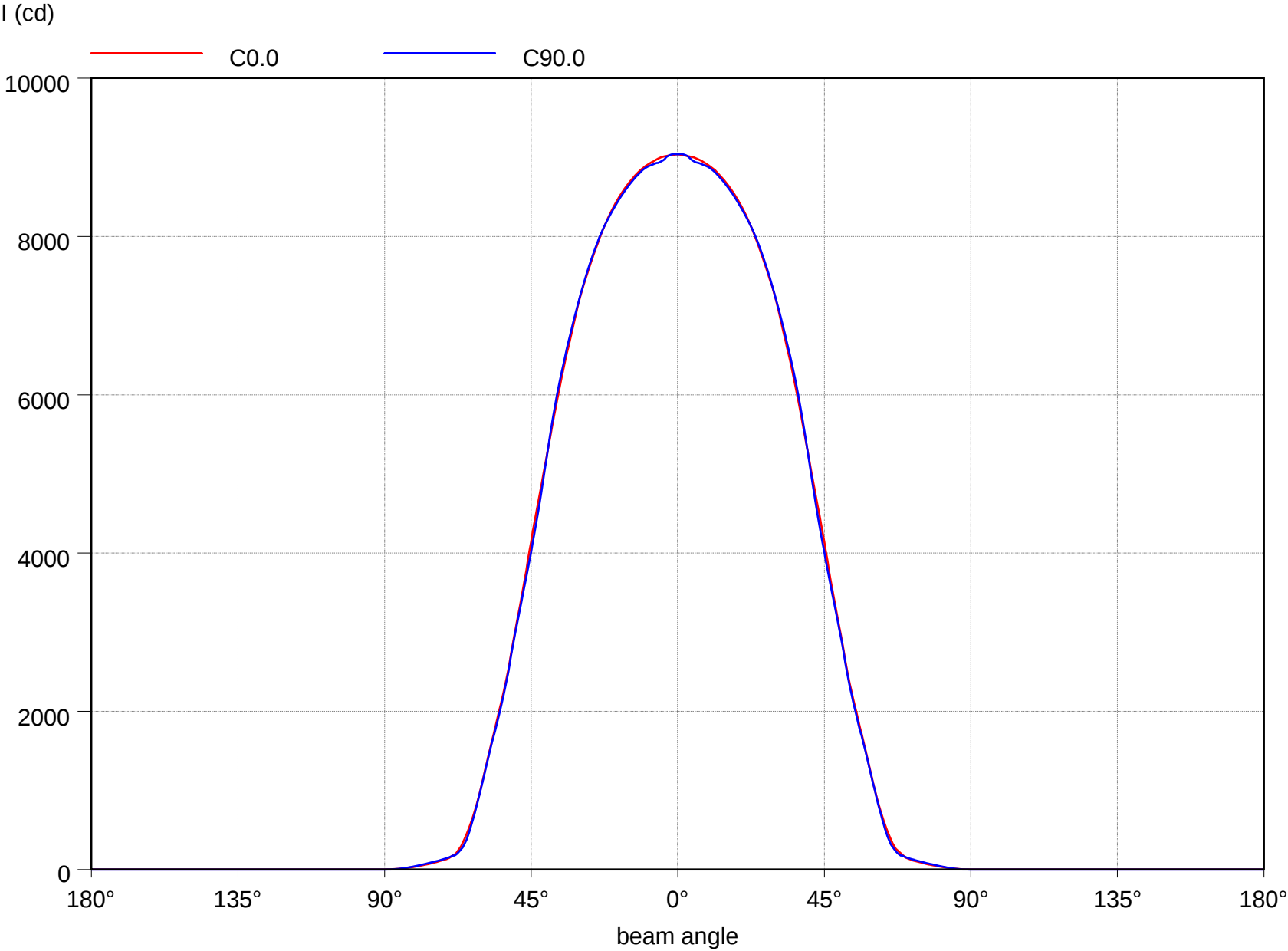
— C0.0-C180.0 — C90.0-C270.0



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total flux
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LOR
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tilt angle
0.0 °



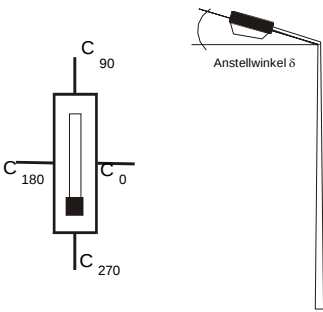


article code

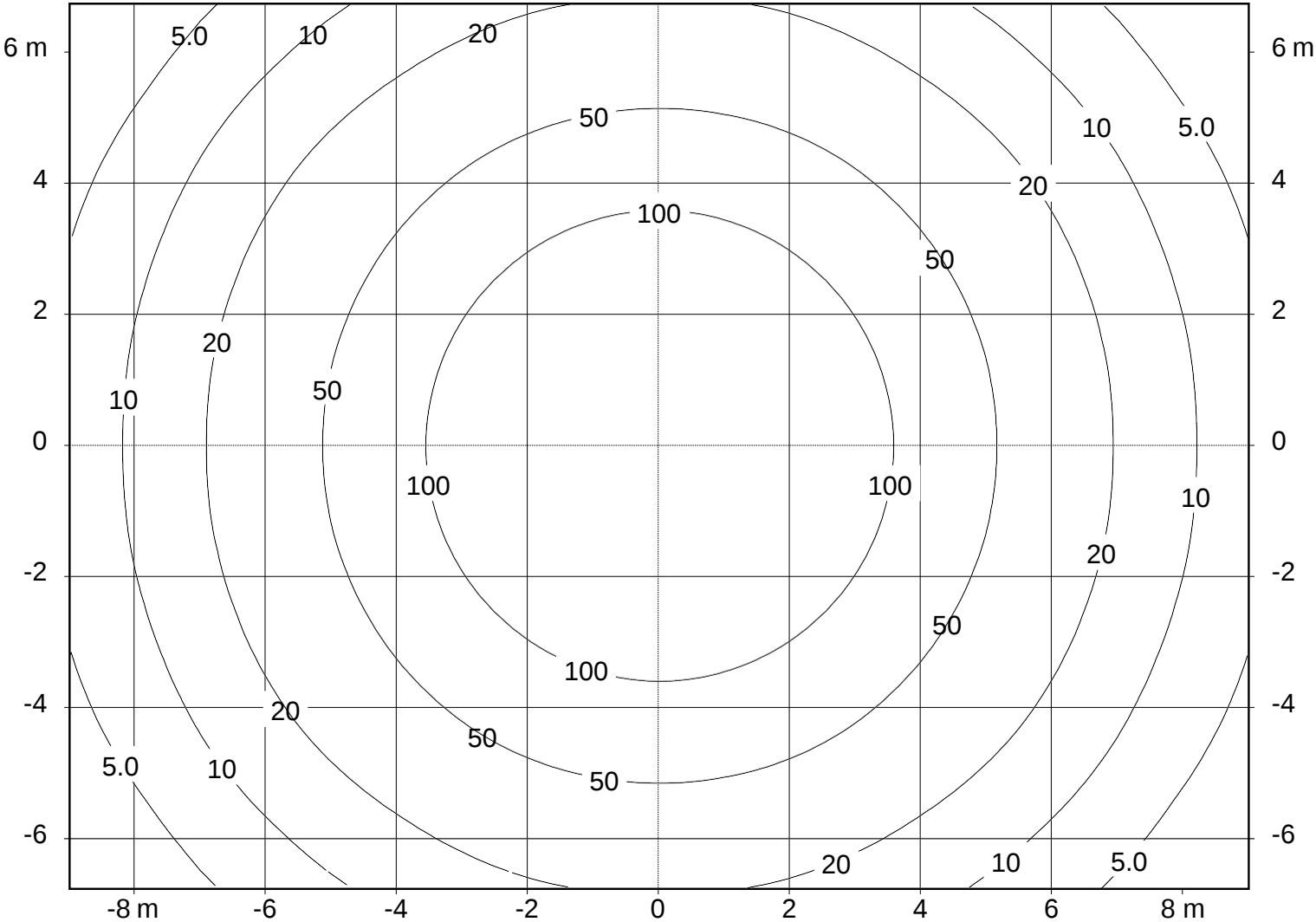
Azar Teyf Co.

lamp(s)

1 x LED
total flux
16415 lm
LOR
100 %
tilt angle
0.0 °

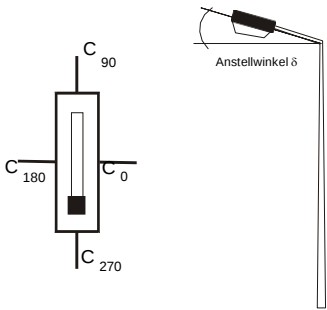


tilt angle : 0.0 °
swivel angle : 0.0 °
mounting height : 6.00 m
orientation : 0.0 °
light loss factor : 0.8



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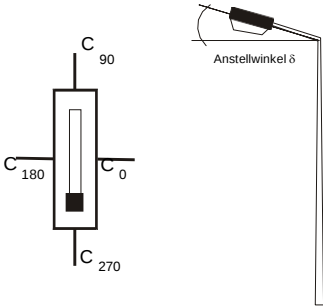


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gamma / °	C 0	C 15	C 30	C 45	C 60	C 75	C 90	C 105	C 120	C 135	C 150	C 165	C 180	C 195	C 210	C 225	C 240	C 255
0.0	550.6	550.6	550.6	550.6	550.6	550.6	550.6	550.6	550.6	550.6	550.6	550.6	550.6	550.6	550.6	550.6	550.6	550.6
2.5	549.7	549.5	549.4	549.5	549.7	549.8	549.9	549.8	549.7	549.5	549.4	549.5	549.7	549.5	549.4	549.5	549.7	549.8
5.0	548.3	548.2	548.2	547.3	545.8	545.0	545.2	545.0	545.8	547.3	548.2	548.2	548.3	548.2	548.2	547.3	545.8	545.0
7.5	545.1	545.2	544.3	543.1	543.1	543.0	542.9	543.0	543.1	543.1	544.3	545.2	545.1	545.2	544.3	543.1	543.1	543.0
10.0	541.2	541.2	539.3	539.4	539.3	539.6	539.9	539.6	539.3	539.4	539.3	541.2	541.2	541.2	539.3	539.4	539.3	539.6
12.5	535.8	535.7	534.0	534.2	533.8	534.5	534.2	534.5	533.8	534.2	534.0	535.7	535.8	535.7	534.0	534.2	533.8	534.5
15.0	528.3	527.3	526.7	527.5	527.1	526.9	526.8	526.9	527.1	527.5	526.7	527.3	528.3	527.3	526.7	527.5	527.1	526.9
17.5	519.6	517.2	518.5	518.1	517.9	517.9	517.5	517.9	517.9	518.1	518.5	517.2	519.6	517.2	518.5	518.1	517.9	517.9
20.0	508.5	506.8	507.5	507.5	507.2	507.3	507.4	507.3	507.2	507.5	507.5	506.8	508.5	506.8	507.5	507.5	507.2	507.3
22.5	495.1	493.9	494.7	494.7	494.7	494.8	495.2	494.8	494.7	494.7	494.7	493.9	495.1	493.9	494.7	494.7	494.7	494.8
25.0	478.9	479.3	479.4	479.8	479.4	479.7	480.5	479.7	479.4	479.8	479.4	479.3	478.9	479.3	479.4	479.8	479.4	479.7
27.5	460.6	460.6	460.9	461.1	461.7	461.8	462.2	461.8	461.7	461.1	460.9	460.6	460.6	460.6	460.9	461.1	461.7	461.8
30.0	440.0	439.2	439.4	439.5	440.3	440.7	440.8	440.7	440.3	439.5	439.4	439.2	440.0	439.2	439.4	439.5	440.3	440.7
32.5	413.7	414.8	414.6	415.7	415.9	416.9	416.9	416.9	415.9	415.7	414.6	414.8	413.7	414.8	414.6	415.7	415.9	416.9
35.0	386.2	386.8	387.2	387.8	388.9	390.1	390.0	390.1	388.9	387.8	387.2	386.8	386.2	386.8	387.2	387.8	388.9	390.1
37.5	355.0	356.3	356.0	357.2	358.5	359.5	359.1	359.5	358.5	357.2	356.0	356.3	355.0	356.3	356.0	357.2	358.5	359.5
40.0	320.7	322.6	323.6	324.6	325.6	323.8	321.1	323.8	325.6	324.6	323.6	322.6	320.7	322.6	323.6	324.6	325.6	323.8
42.5	286.9	288.1	289.0	289.8	289.9	281.8	279.7	281.8	289.9	289.8	289.0	288.1	286.9	288.1	289.0	289.8	289.9	281.8
45.0	252.4	253.5	254.1	255.4	250.1	244.9	244.5	244.9	250.1	255.4	254.1	253.5	252.4	253.5	254.1	255.4	250.1	244.9
47.5	215.5	219.0	220.3	219.7	211.7	211.7	212.1	211.7	211.7	219.7	220.3	219.0	215.5	219.0	220.3	219.7	211.7	211.7
50.0	181.8	183.6	186.9	184.7	179.6	179.7	180.2	179.7	179.6	184.7	186.9	183.6	181.8	183.6	186.9	184.7	179.6	179.7
52.5	147.5	150.3	154.0	150.9	149.6	147.5	145.7	147.5	149.6	150.9	154.0	150.3	147.5	150.3	154.0	150.9	149.6	147.5
55.0	119.8	120.9	122.9	122.2	120.8	117.4	117.4	117.4	120.8	122.2	122.9	120.9	119.8	120.9	122.9	122.2	120.8	117.4
57.5	93.7	94.2	94.4	94.7	92.9	92.6	92.7	92.6	92.9	94.7	94.4	94.2	93.7	94.2	94.4	94.7	92.9	92.6
60.0	67.0	68.3	67.5	66.8	67.6	67.1	66.5	67.1	67.6	66.8	67.5	68.3	67.0	68.3	67.5	66.8	67.6	67.1
62.5	43.5	43.8	43.0	41.7	42.5	41.7	41.6	41.7	42.5	41.7	43.0	43.8	43.5	43.8	43.0	41.7	42.5	41.7
65.0	25.6	26.0	24.9	24.0	23.6	22.6	21.9	22.6	23.6	24.0	24.9	26.0	25.6	26.0	24.9	24.0	23.6	22.6
67.5	14.1	14.8	14.7	14.5	14.3	13.6	12.8	13.6	14.3	14.5	14.7	14.8	14.1	14.8	14.7	14.5	14.3	13.6
70.0	9.1	9.8	10.3	10.5	10.6	10.2	9.6	10.2	10.6	10.5	10.3	9.8	9.1	9.8	10.3	10.5	10.6	10.2

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lamp(s)
1 x LED
total flux
16415 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	550.6	550.6	550.6	550.6	550.6	550.6
2.5	549.9	549.8	549.7	549.5	549.4	549.5
5.0	545.2	545.0	545.8	547.3	548.2	548.2
7.5	542.9	543.0	543.1	543.1	544.3	545.2
10.0	539.9	539.6	539.3	539.4	539.3	541.2
12.5	534.2	534.5	533.8	534.2	534.0	535.7
15.0	526.8	526.9	527.1	527.5	526.7	527.3
17.5	517.5	517.9	517.9	518.1	518.5	517.2
20.0	507.4	507.3	507.2	507.5	507.5	506.8
22.5	495.2	494.8	494.7	494.7	494.7	493.9
25.0	480.5	479.7	479.4	479.8	479.4	479.3
27.5	462.2	461.8	461.7	461.1	460.9	460.6
30.0	440.8	440.7	440.3	439.5	439.4	439.2
32.5	416.9	416.9	415.9	415.7	414.6	414.8
35.0	390.0	390.1	388.9	387.8	387.2	386.8
37.5	359.1	359.5	358.5	357.2	356.0	356.3
40.0	321.1	323.8	325.6	324.6	323.6	322.6
42.5	279.7	281.8	289.9	289.8	289.0	288.1
45.0	244.5	244.9	250.1	255.4	254.1	253.5
47.5	212.1	211.7	211.7	219.7	220.3	219.0
50.0	180.2	179.7	179.6	184.7	186.9	183.6
52.5	145.7	147.5	149.6	150.9	154.0	150.3
55.0	117.4	117.4	120.8	122.2	122.9	120.9
57.5	92.7	92.6	92.9	94.7	94.4	94.2
60.0	66.5	67.1	67.6	66.8	67.5	68.3
62.5	41.6	41.7	42.5	41.7	43.0	43.8
65.0	21.9	22.6	23.6	24.0	24.9	26.0
67.5	12.8	13.6	14.3	14.5	14.7	14.8
70.0	9.6	10.2	10.6	10.5	10.3	9.8

article code

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lamp(s)

1 x LED

total flux

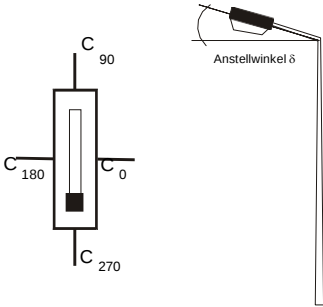
16415 lm

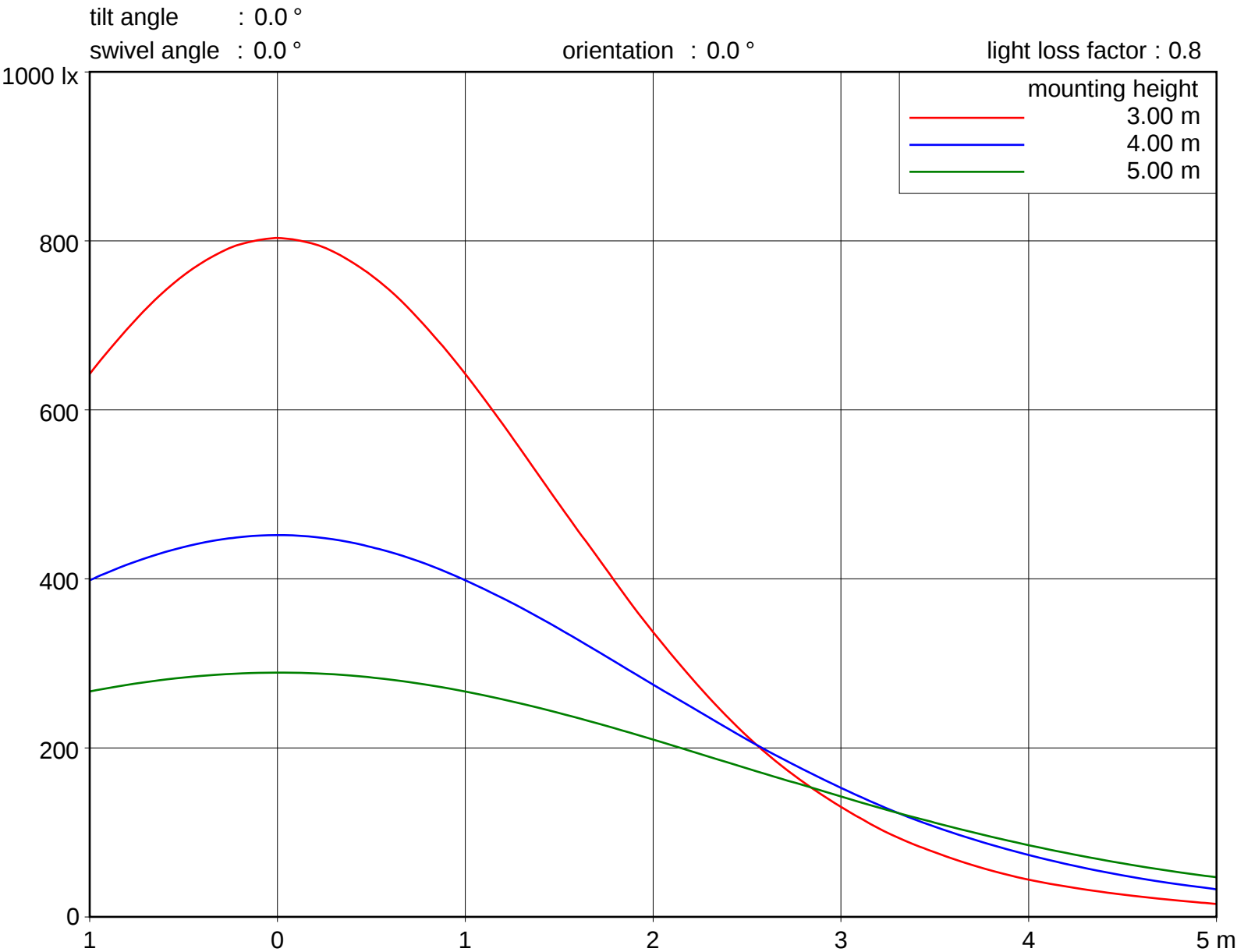
LOR

100 %

tilt angle

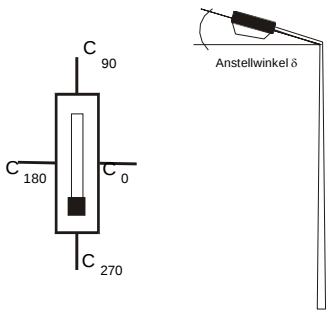
0.0 °





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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

