

file : FLOODLIGHT_LED_FL200W_ALFA_200W_6000K

meas. no. 03L1949
meas. date 4/27/2024
operator LightLab.

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 0.870 A
power consumption 196.7 W
Leistungsfaktor 0.982

meas. lamps lum. flux [lm]
absolute measurement 21275.2 lm
luminous efficacy 108 lm/w

measurement results
flux of luminaire 21275.2 lm
classification / DIN A50
lower flux fraction 100.00 %
upper flux fraction 0.00 %
intensity maximum 12009.0 cd
in C-plane 332.5 °
at gamma 5.0 °
half value angle C0 : 43.1 °
C90 : 43.8 °
C270 : 43.8 °
tenth value angle C0 : 61.1 °
C90 : 61.1 °
C270 : 61.1 °

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux 21275 lm
LOR
100 %
tilt angle 0.0 °

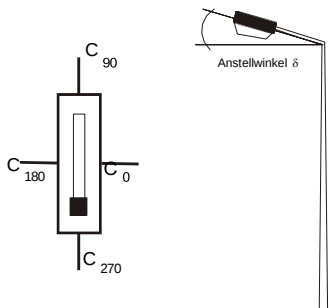
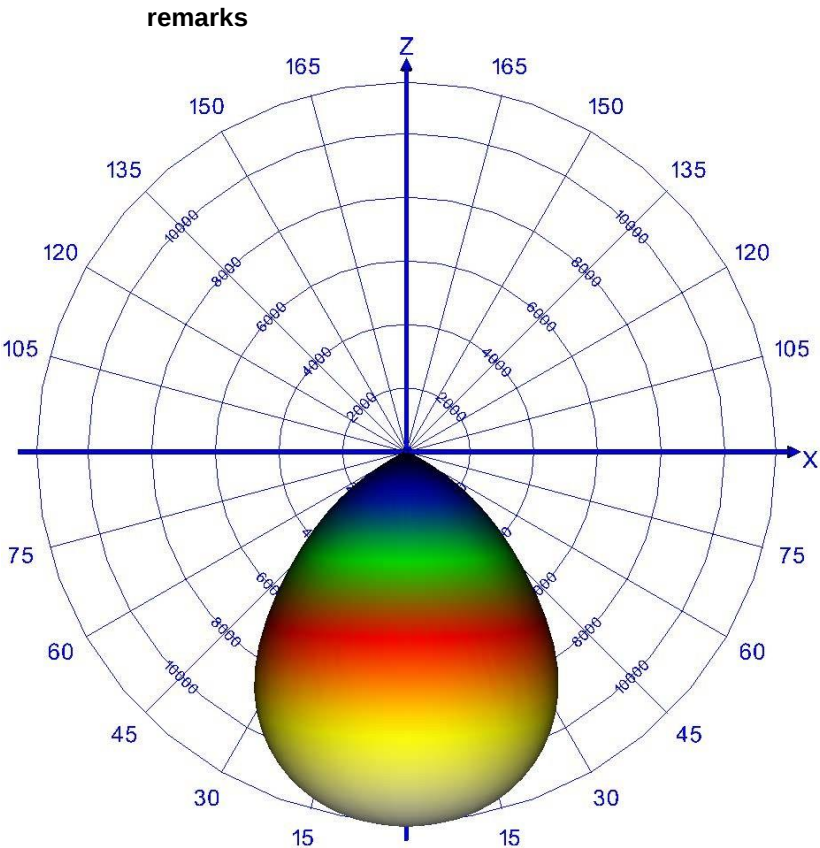
dimensions of luminaire
length 380 mm
width 330 mm
height 50 mm

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

reflector

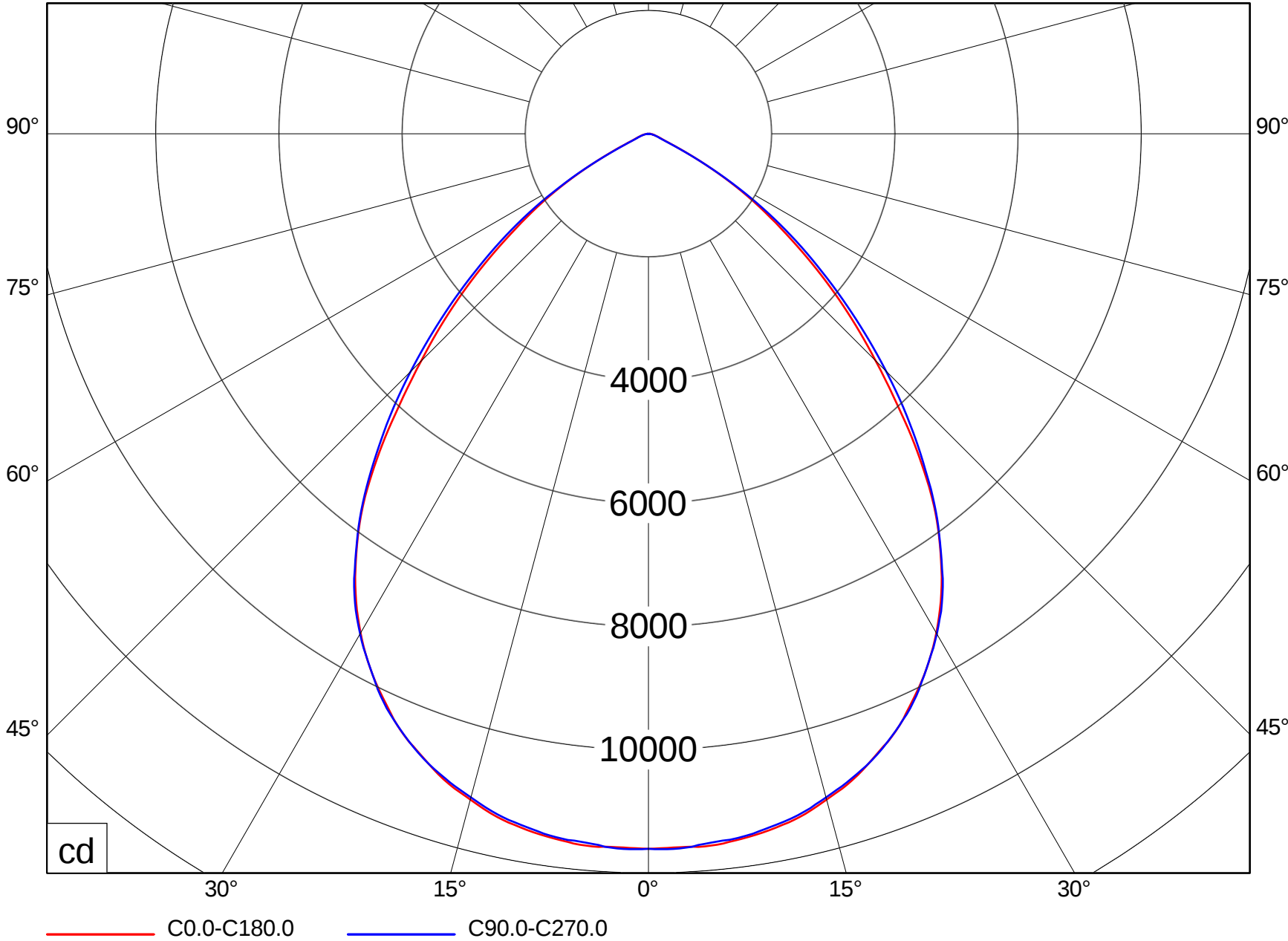
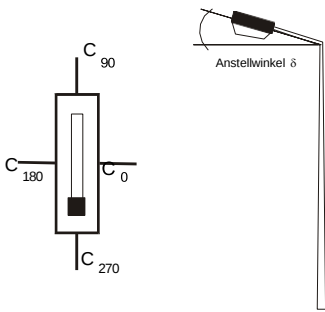
cover

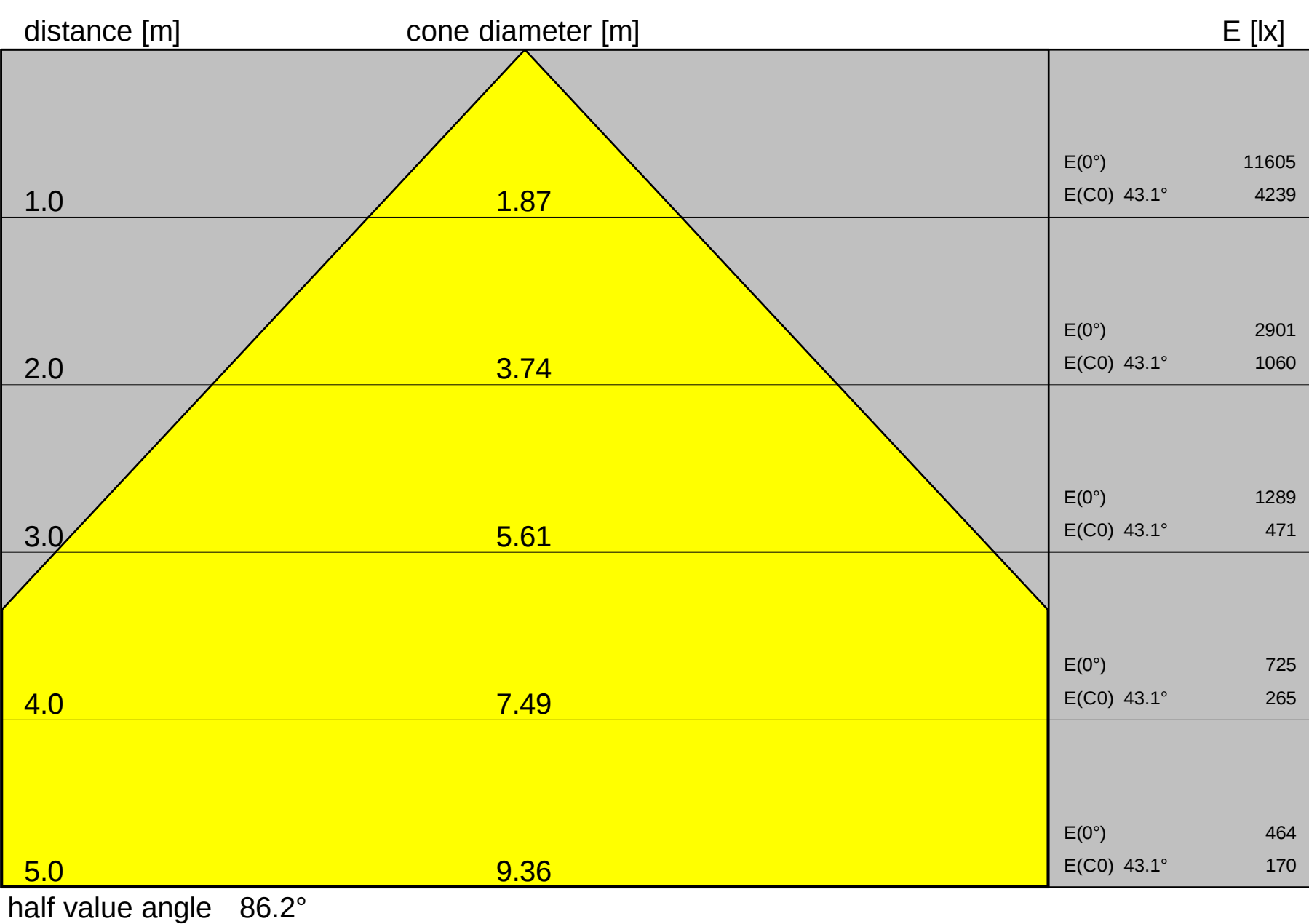
variant



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1 x LED
total flux
21275 lm
LOR
100 %
tilt angle
0.0 °

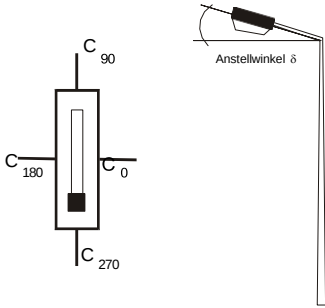




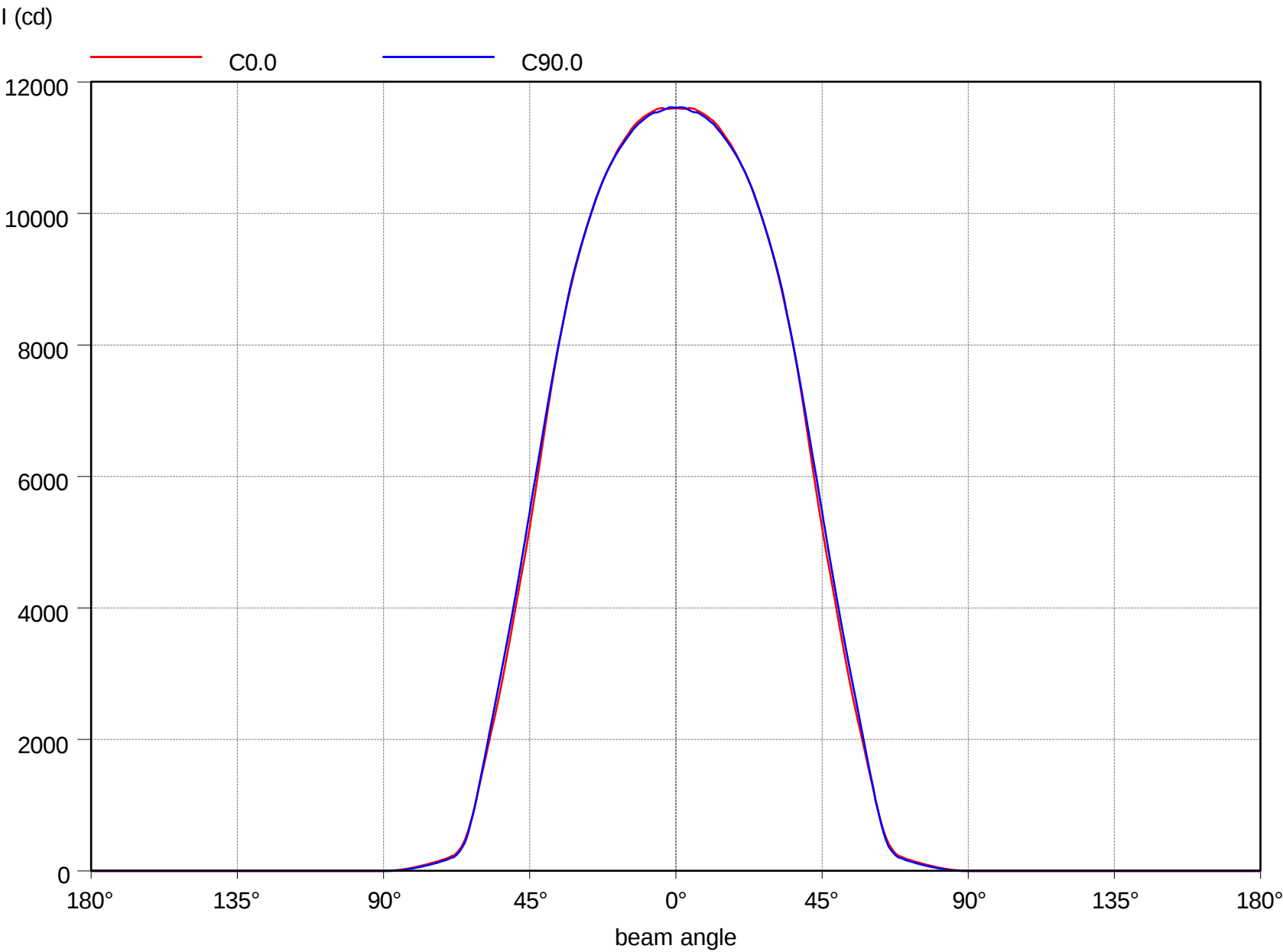
article code
 Azar Teyf Co.

lamp(s)
 1 x LED
 total flux
 21275 lm
 LOR
 100 %
 tilt angle
 0.0 °







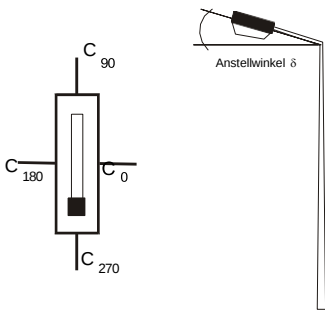


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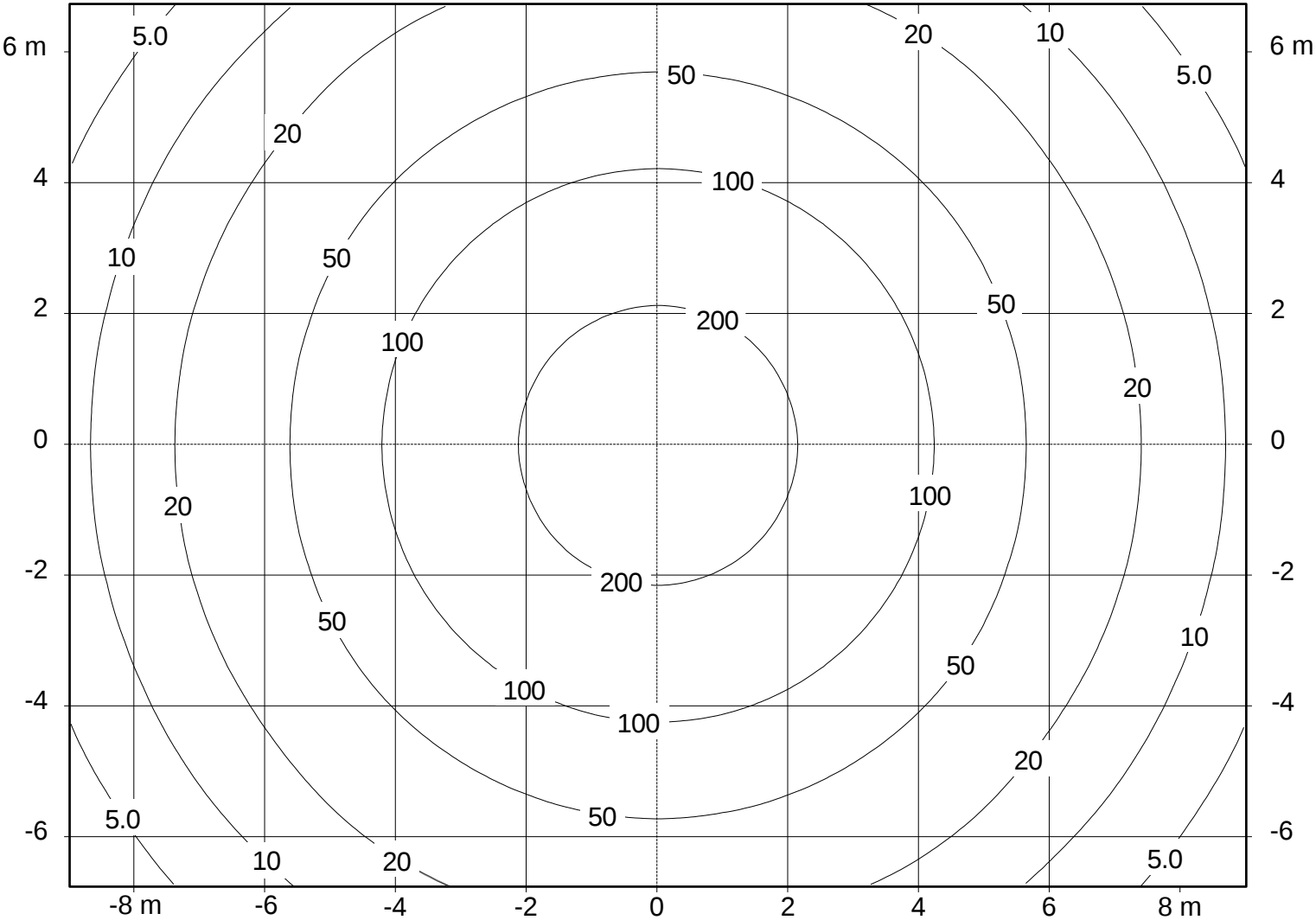
Azar Teyf Co.

lamp(s)

1 x LED
total flux
21275 lm
LOR
100 %
tilt angle
0.0 °

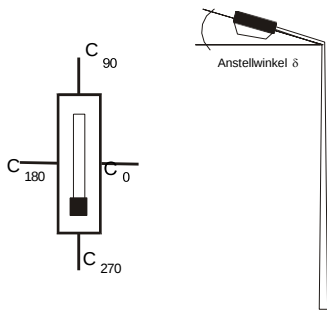


tilt angle : 0.0 °
swivel angle : 0.0 °
mounting height : 6.00 m
orientation : 0.0 °
light loss factor : 0.8



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total flux
21275 lm
LOR
100 %
tilt angle
0.0 °

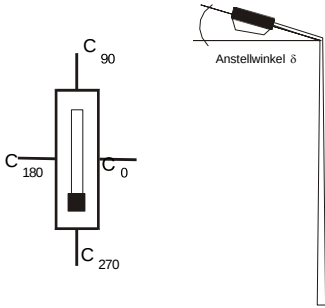


file : FLOODLIGHT_LED_FL200W_ALFA_200W_6000K

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	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5
2.5	544.8	544.8	544.8	545.0	545.2	545.5	545.7	545.5	545.2	545.0	544.8	544.8	544.8	544.8	544.8	545.0	545.2	545.5
5.0	545.2	545.0	545.0	544.0	543.1	543.0	543.0	543.0	543.1	544.0	545.0	545.0	545.2	545.0	545.0	544.0	543.1	543.0
7.5	542.6	542.5	541.6	540.7	540.7	541.3	541.2	541.3	540.7	540.7	541.6	542.5	542.6	542.5	541.6	540.7	540.7	541.3
10.0	538.9	538.6	536.8	536.7	537.0	537.0	537.0	537.0	537.0	536.7	536.8	538.6	538.9	538.6	536.8	536.7	537.0	537.0
12.5	533.8	533.3	531.4	531.8	531.4	531.5	531.8	531.5	531.4	531.8	531.4	533.3	533.8	533.3	531.4	531.8	531.4	531.5
15.0	525.8	525.4	525.0	524.9	523.8	524.3	524.0	524.3	523.8	524.9	525.0	525.4	525.8	525.4	525.0	524.9	523.8	524.3
17.5	517.2	514.8	515.9	516.8	515.7	515.8	515.7	515.8	515.7	516.8	515.9	514.8	517.2	514.8	515.9	516.8	515.7	515.8
20.0	505.4	504.4	505.0	504.8	505.1	504.9	505.8	504.9	505.1	504.8	505.0	504.4	505.4	504.4	505.0	504.8	505.1	504.9
22.5	493.2	491.9	492.8	492.8	493.1	492.7	493.0	492.7	493.1	492.8	492.8	491.9	493.2	491.9	492.8	492.8	493.1	492.7
25.0	477.1	477.3	477.9	477.8	477.5	477.5	478.3	477.5	477.5	477.8	477.9	477.3	477.1	477.3	477.9	477.8	477.5	477.5
27.5	459.8	459.8	459.9	459.2	459.6	460.4	459.7	460.4	459.6	459.2	459.9	459.8	459.8	459.8	459.9	459.2	459.6	460.4
30.0	439.4	439.4	439.4	439.4	439.3	439.3	440.2	439.3	439.3	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.3	439.3
32.5	415.9	415.1	415.2	414.6	415.4	416.0	417.6	416.0	415.4	414.6	415.2	415.1	415.9	415.1	415.2	414.6	415.4	416.0
35.0	388.4	388.3	388.5	388.3	389.3	388.7	389.1	388.7	389.3	388.3	388.5	388.3	388.4	388.3	388.5	388.3	389.3	388.7
37.5	357.9	358.2	358.0	357.9	358.2	358.9	359.2	358.9	358.2	357.9	358.0	358.2	357.9	358.2	358.0	357.9	358.2	358.9
40.0	321.2	323.7	325.5	325.6	325.7	326.2	325.5	326.2	325.7	325.6	325.5	323.7	321.2	323.7	325.5	325.6	325.7	326.2
42.5	281.9	285.3	290.6	292.0	291.5	291.5	291.8	291.5	291.5	292.0	290.6	285.3	281.9	285.3	290.6	292.0	291.5	291.5
45.0	245.5	246.8	251.7	257.4	256.3	256.6	256.8	256.6	256.3	257.4	251.7	246.8	245.5	246.8	251.7	257.4	256.3	256.6
47.5	211.9	212.3	214.4	221.6	222.0	221.5	222.1	221.5	222.0	221.6	214.4	212.3	211.9	212.3	214.4	221.6	222.0	221.5
50.0	180.0	180.8	180.3	185.9	187.9	188.0	188.7	188.0	187.9	185.9	180.3	180.8	180.0	180.8	180.3	185.9	187.9	188.0
52.5	147.3	148.4	150.2	152.2	156.3	156.4	157.0	156.4	156.3	152.2	150.2	148.4	147.3	148.4	150.2	152.2	156.3	156.4
55.0	118.6	118.9	120.7	121.6	126.7	126.8	127.6	126.8	126.7	121.6	120.7	118.9	118.6	118.9	120.7	121.6	126.7	126.8
57.5	92.3	92.3	92.3	94.4	98.2	97.7	97.1	97.7	98.2	94.4	92.3	92.3	92.3	92.3	92.3	94.4	98.2	97.7
60.0	66.2	66.1	65.4	66.9	68.9	68.1	67.8	68.1	68.9	66.9	65.4	66.1	66.2	66.1	65.4	66.9	68.9	68.1
62.5	40.6	40.5	40.1	40.3	40.4	40.4	40.2	40.4	40.4	40.3	40.1	40.5	40.6	40.5	40.1	40.3	40.4	40.4
65.0	21.9	22.3	22.0	21.7	21.2	21.0	19.9	21.0	21.2	21.7	22.0	22.3	21.9	22.3	22.0	21.7	21.2	21.0
67.5	12.9	13.7	13.9	13.5	13.2	12.5	11.5	12.5	13.2	13.5	13.9	13.7	12.9	13.7	13.9	13.5	13.2	12.5

article code
Azar Teyf Co.

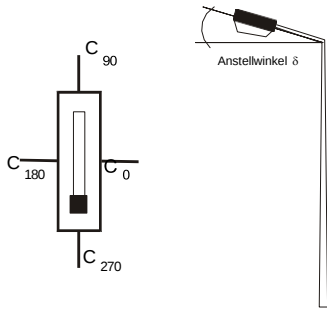
lamp(s)
1 x LED
total flux
21275 lm
LOR
100 %
tilt angle
0.0 °

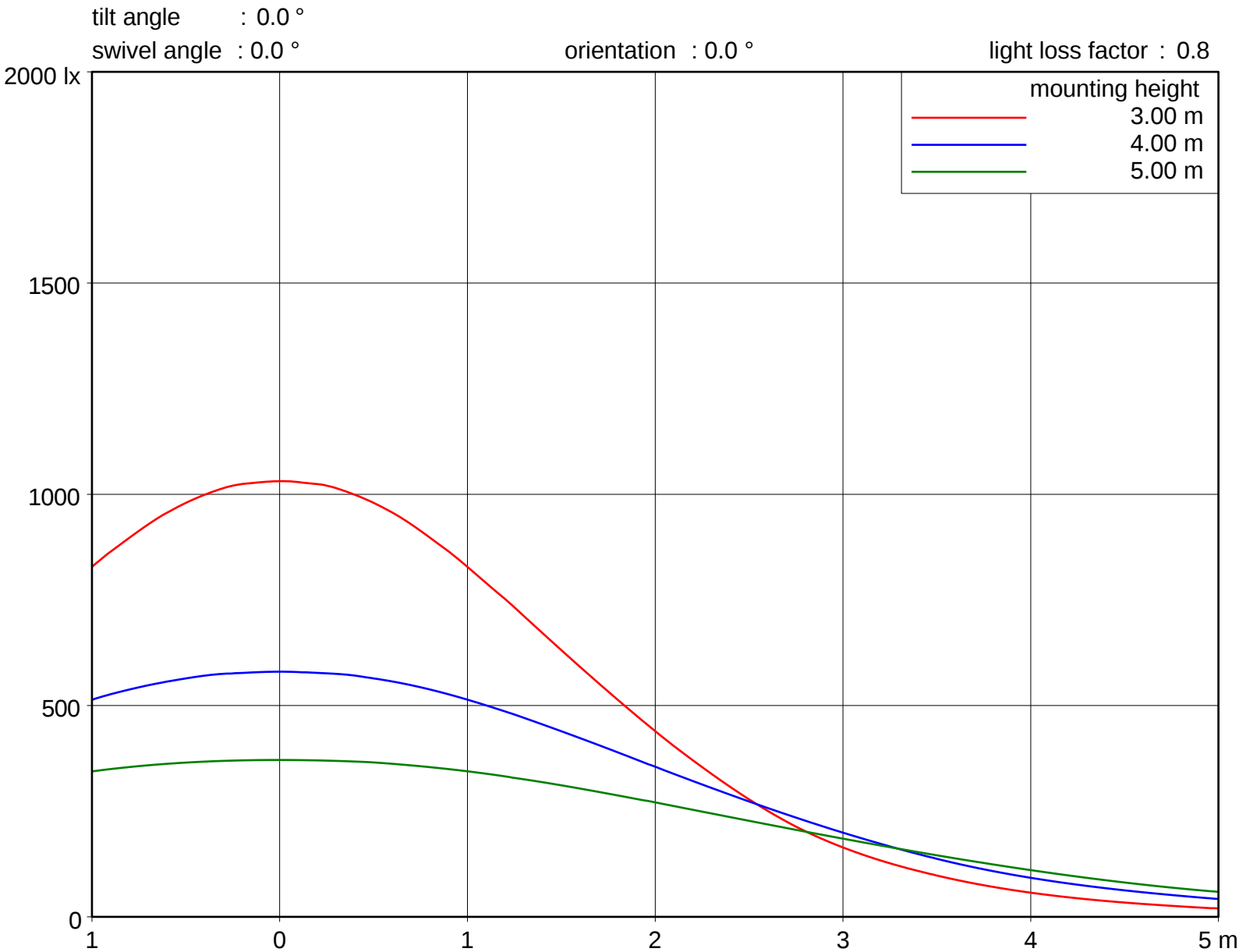


gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	545.5	545.5	545.5	545.5	545.5	545.5
2.5	545.7	545.5	545.2	545.0	544.8	544.8
5.0	543.0	543.0	543.1	544.0	545.0	545.0
7.5	541.2	541.3	540.7	540.7	541.6	542.5
10.0	537.0	537.0	537.0	536.7	536.8	538.6
12.5	531.8	531.5	531.4	531.8	531.4	533.3
15.0	524.0	524.3	523.8	524.9	525.0	525.4
17.5	515.7	515.8	515.7	516.8	515.9	514.8
20.0	505.8	504.9	505.1	504.8	505.0	504.4
22.5	493.0	492.7	493.1	492.8	492.8	491.9
25.0	478.3	477.5	477.5	477.8	477.9	477.3
27.5	459.7	460.4	459.6	459.2	459.9	459.8
30.0	440.2	439.3	439.3	439.4	439.4	439.4
32.5	417.6	416.0	415.4	414.6	415.2	415.1
35.0	389.1	388.7	389.3	388.3	388.5	388.3
37.5	359.2	358.9	358.2	357.9	358.0	358.2
40.0	325.5	326.2	325.7	325.6	325.5	323.7
42.5	291.8	291.5	291.5	292.0	290.6	285.3
45.0	256.8	256.6	256.3	257.4	251.7	246.8
47.5	222.1	221.5	222.0	221.6	214.4	212.3
50.0	188.7	188.0	187.9	185.9	180.3	180.8
52.5	157.0	156.4	156.3	152.2	150.2	148.4
55.0	127.6	126.8	126.7	121.6	120.7	118.9
57.5	97.1	97.7	98.2	94.4	92.3	92.3
60.0	67.8	68.1	68.9	66.9	65.4	66.1
62.5	40.2	40.4	40.4	40.3	40.1	40.5
65.0	19.9	21.0	21.2	21.7	22.0	22.3
67.5	11.5	12.5	13.2	13.5	13.9	13.7

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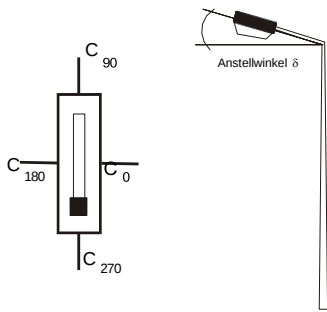
lamp(s)
1 x LED
total flux
21275 lm
LOR
100 %
tilt angle
0.0 °





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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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