

meas. no. 03L2023
meas. date 8/17/2024
operator LightLab.

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 1.780 A
power consumption 285.7 W
Leistungsfaktor 0.695

meas. lamps lum. flux [lm]
absolute measurement 35223.9 lm
luminous efficacy 123 lm/w

dimensions of luminaire
length 410 mm
width 360 mm
height 100 mm

dimensions of luminous area
length 210 mm
width 300 mm
height C0 70 mm
height C90 70 mm
height C180 70 mm
height C270 70 mm

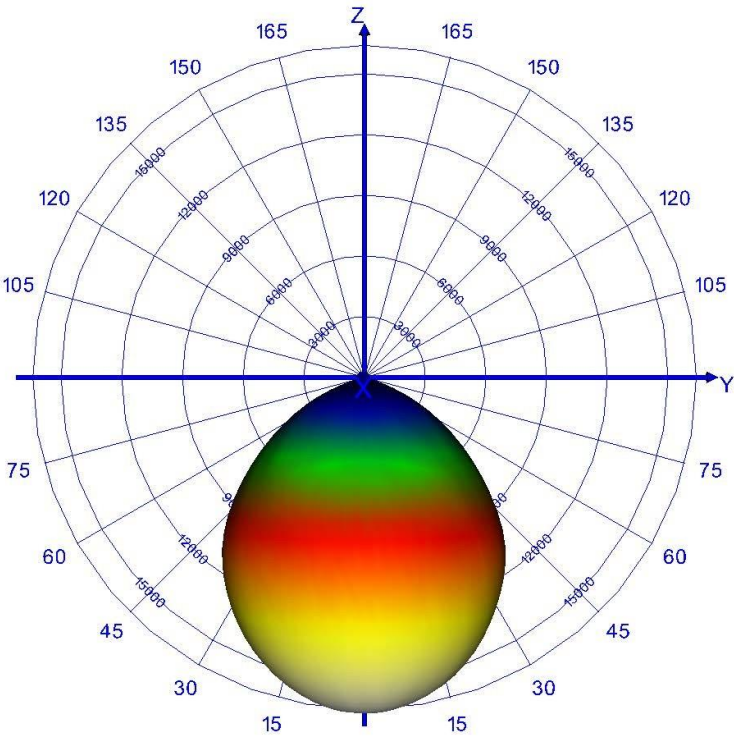
reflector

cover

variant

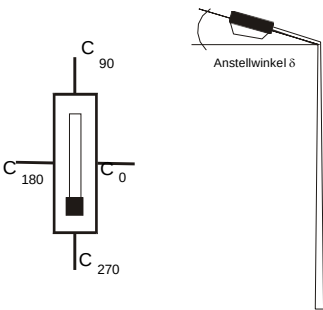
measurement results
flux of luminaire 35223.9 lm
classification / DIN A50
lower flux fraction 100.00 %
upper flux fraction 0.00 %
intensity maximum 16394.6 cd
in C-plane 297.5 °
at gamma 2.5 °
half value angle C0 : 48.8 °
C90 : 47.7 °
C180 : 48.0 °
C270 : 47.6 °
tenth value angle C0 : 70.7 °
C90 : 65.1 °
C180 : 69.3 °
C270 : 65.6 °

remarks



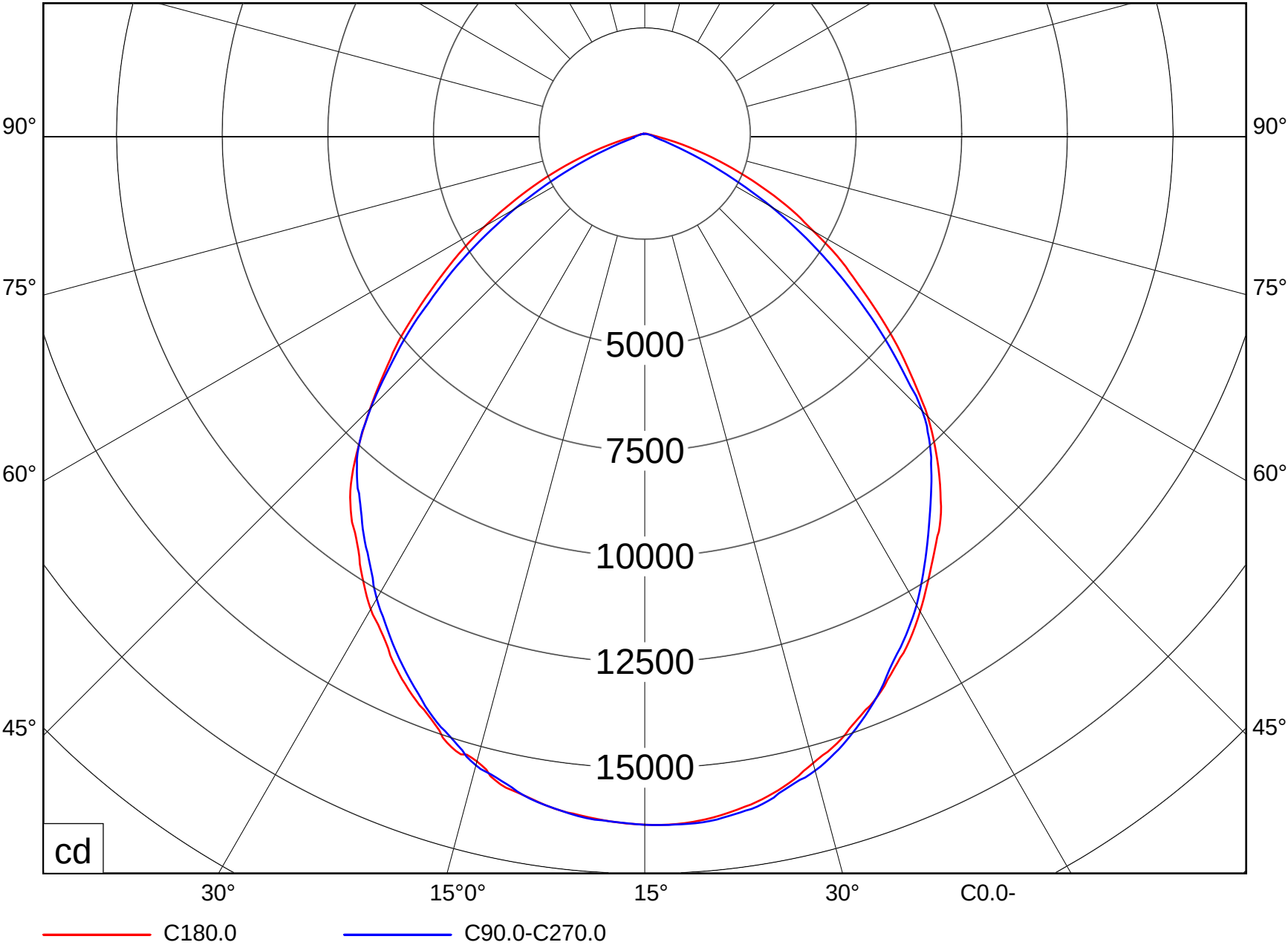
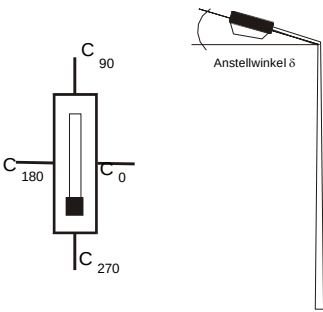
article code
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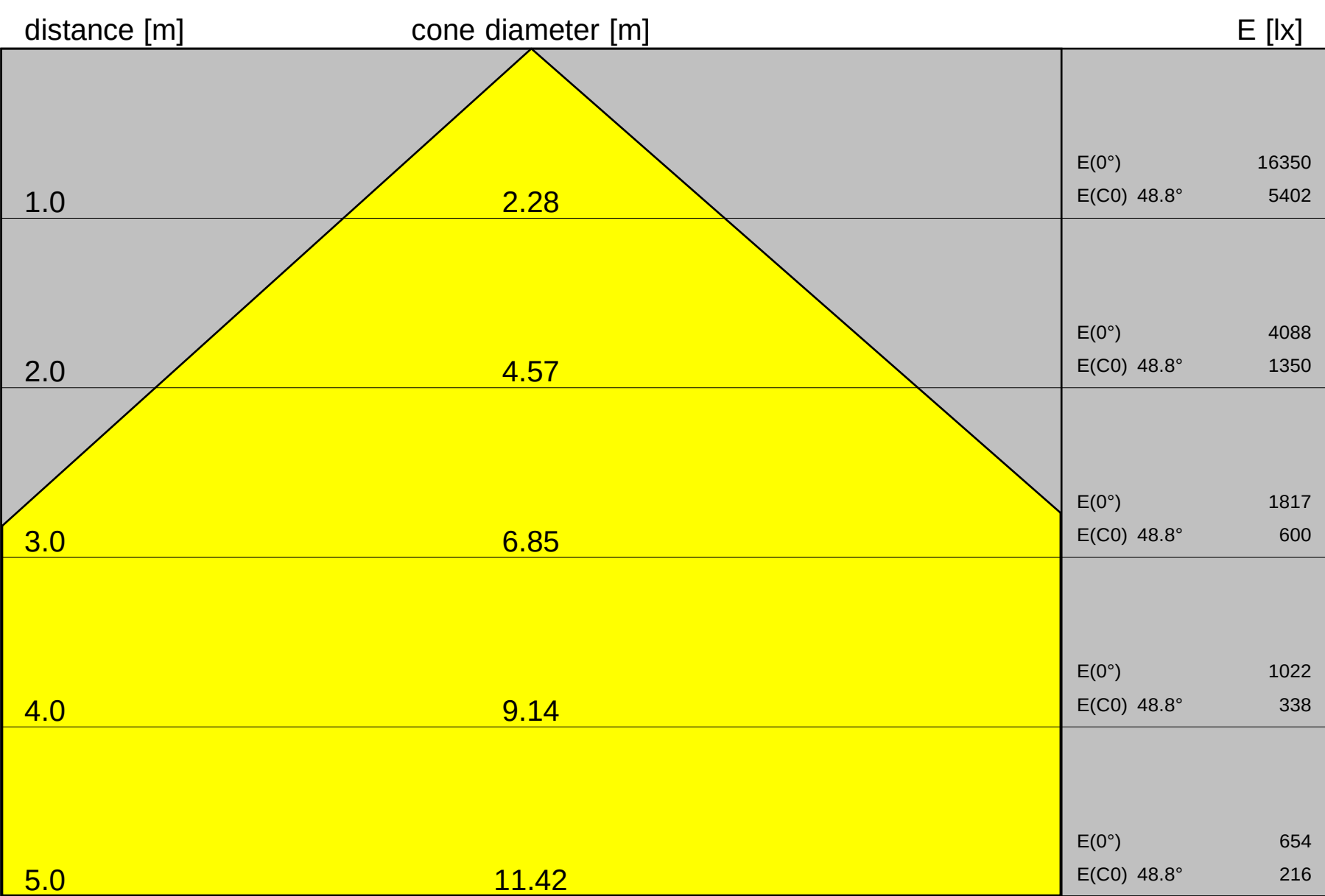
lamp(s)
1 x LED
total flux 35224 lm
LOR
100 %
tilt angle 0.0 °



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lamp(s)
1 x LED
total flux
35224 lm
LOR
100 %
tilt angle
0.0 °

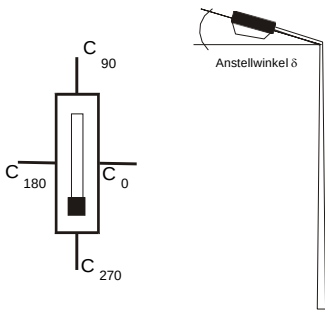




half value angle 97.6°

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lamp(s)
1 x LED
total flux
35224 lm
LOR
100 %
tilt angle
0.0 °

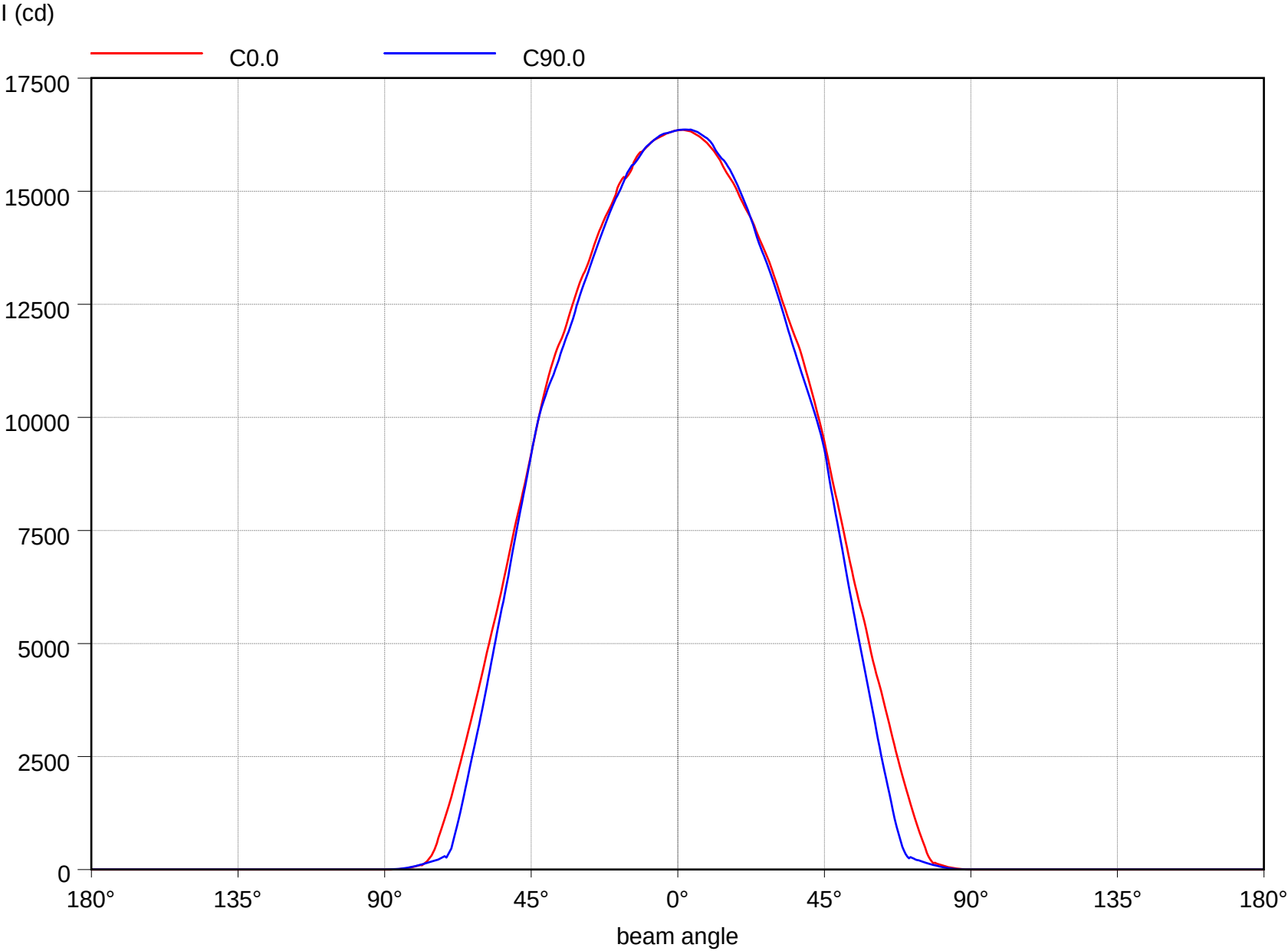
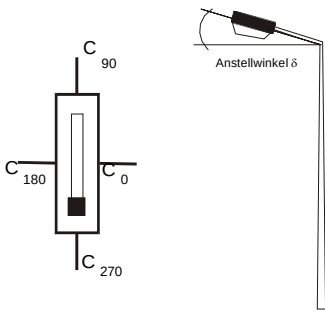


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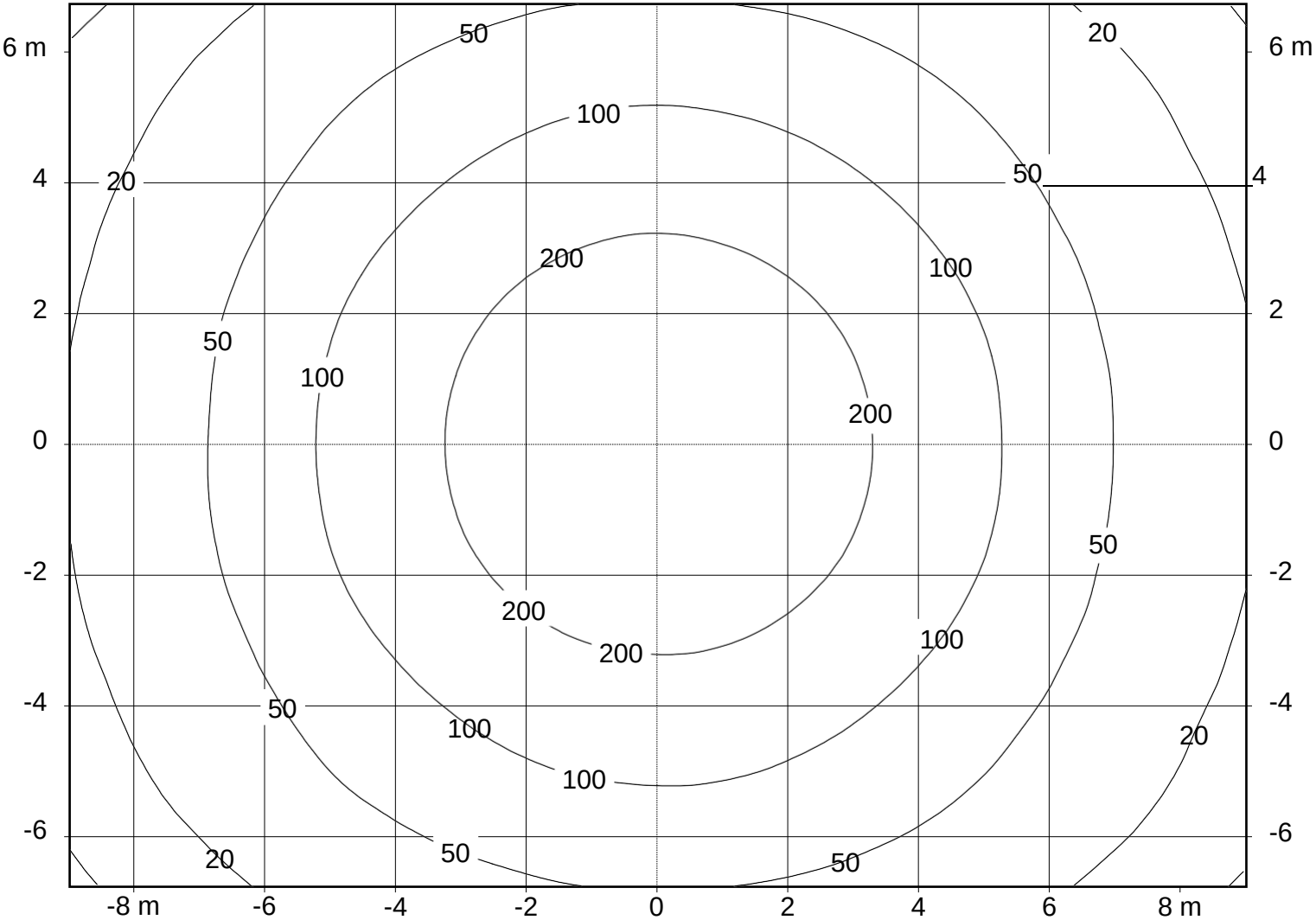
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lamp(s)

1 x LED
total flux
35224 lm
LOR
100 %
tilt angle
0.0 °

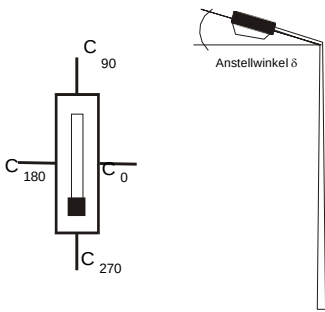


tilt angle : 0.0 °
swivel angle : 0.0 °
mounting height : 6.00 m
orientation : 0.0 °
light loss factor : 0.8



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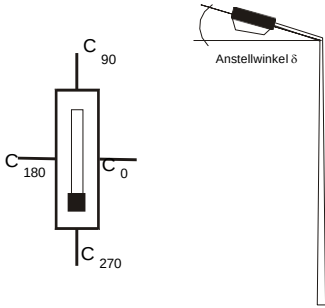
lamp(s)
1 x LED
total flux
35224 lm
LOR
100 %
tilt angle
0.0 °



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	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5	464.3	465.1	465.4	465.2	465.1	464.7	464.5	465.0	464.7	464.0	463.7	463.4	462.8	462.5	462.3	462.0	462.3	462.5
5.0	462.5	463.3	463.5	464.3	464.6	464.0	464.0	463.9	463.3	463.1	462.2	461.1	460.4	459.6	459.8	459.5	459.8	460.6
7.5	458.9	459.4	459.3	460.2	460.9	461.0	461.1	461.0	460.8	459.6	458.2	458.2	457.6	457.5	457.0	456.8	456.0	456.6
10.0	454.1	453.6	454.5	454.3	455.2	456.8	457.1	457.1	456.2	455.2	454.0	453.3	452.6	452.5	452.1	451.5	451.3	451.9
12.5	447.0	447.5	446.9	448.5	448.9	450.1	449.1	451.4	449.4	448.1	447.9	447.6	447.7	446.3	445.6	445.3	446.0	445.5
15.0	437.7	439.3	440.1	440.2	440.3	442.7	442.8	443.3	441.9	441.2	440.1	439.3	436.5	438.6	438.5	437.8	437.8	437.1
17.5	429.5	429.7	430.9	432.2	431.9	432.4	433.5	433.5	433.2	432.1	432.1	431.3	432.0	429.8	428.8	428.7	428.9	426.5
20.0	418.5	420.7	421.0	421.0	421.0	421.4	421.9	422.6	421.8	421.8	421.3	420.7	418.9	419.5	419.2	419.6	417.7	415.2
22.5	409.0	408.2	410.3	410.0	409.5	408.2	408.6	410.2	410.4	411.1	411.1	408.6	408.2	407.6	408.9	407.7	404.7	403.8
25.0	396.6	398.0	398.2	397.8	395.7	392.3	393.2	395.8	396.4	397.8	398.5	397.4	395.8	395.4	395.4	394.7	393.3	389.7
27.5	384.7	385.0	385.5	383.9	379.6	378.5	379.9	380.4	382.0	383.8	384.6	383.9	380.6	382.4	383.0	381.2	377.2	375.9
30.0	370.4	372.0	371.6	368.5	365.8	363.6	365.4	364.6	365.9	369.3	369.5	369.1	368.5	368.5	368.3	365.1	363.6	360.2
32.5	354.9	357.9	357.5	354.0	349.5	347.1	348.7	349.2	349.7	352.1	355.7	354.3	353.2	354.1	352.6	349.5	347.0	345.1
35.0	340.1	342.4	340.7	336.7	333.1	330.5	331.6	331.5	333.2	336.2	338.2	339.2	336.8	338.4	337.8	333.0	330.0	329.5
37.5	326.6	327.0	324.7	318.5	315.2	314.3	315.4	317.0	315.9	317.4	321.9	323.3	324.0	324.1	320.5	315.7	314.4	315.2
40.0	308.9	311.5	307.5	301.4	298.8	299.0	299.6	300.7	297.9	299.7	305.0	308.8	307.1	308.4	303.5	299.4	298.7	301.2
42.5	289.8	294.2	291.3	284.2	283.8	283.5	283.7	284.8	282.0	282.3	287.9	287.0	284.7	289.0	287.1	281.9	283.2	286.4
45.0	269.1	271.9	271.9	266.5	267.2	264.7	263.9	268.0	265.1	264.1	267.7	265.6	260.8	267.6	270.7	265.0	268.7	263.9
47.5	244.8	247.1	249.3	250.4	250.7	238.8	234.6	240.4	246.8	248.2	243.2	243.1	237.1	243.3	247.5	250.2	246.7	236.5
50.0	221.5	223.3	224.8	231.8	225.3	212.0	207.0	213.4	222.7	228.8	221.3	219.4	215.0	219.1	223.0	233.5	220.4	210.6
52.5	197.2	199.4	201.1	210.3	198.6	185.9	178.6	183.3	194.9	205.5	197.4	194.9	190.4	195.6	198.8	208.1	193.8	183.3
55.0	174.1	175.4	178.5	182.7	171.2	156.7	151.3	155.4	168.1	177.4	173.1	169.3	167.0	172.3	176.1	178.1	168.1	156.3
57.5	153.9	154.9	155.6	153.6	142.7	130.9	124.9	128.0	140.3	146.8	149.1	146.3	145.4	147.7	154.0	147.9	140.5	130.0
60.0	131.0	133.7	135.1	125.2	115.8	103.4	98.3	102.3	111.1	118.9	127.3	123.9	123.5	126.1	131.7	120.0	115.3	104.6
62.5	111.7	112.0	113.5	97.8	88.6	78.0	71.6	76.0	83.4	91.0	105.6	102.2	101.4	105.9	106.7	93.9	87.1	78.8
65.0	91.0	91.4	88.9	73.5	63.0	53.2	47.6	51.5	58.1	66.9	79.9	81.8	80.8	84.6	81.4	69.7	60.8	54.0
67.5	70.6	71.5	64.8	51.5	40.2	30.4	24.8	28.1	35.7	44.9	56.3	62.2	61.1	64.5	58.9	48.0	37.6	31.0
70.0	51.7	52.7	44.8	32.7	20.3	11.3	9.7	11.8	16.8	26.4	35.8	42.9	41.9	45.9	38.5	29.2	18.7	11.7
72.5	34.5	35.1	27.4	17.4	6.9	6.9	6.8	6.6	6.7	12.3	19.9	26.6	25.7	28.1	21.8	14.0	7.3	6.8

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
35224 lm
LOR
100 %
tilt angle
0.0 °

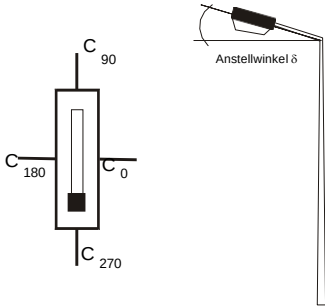


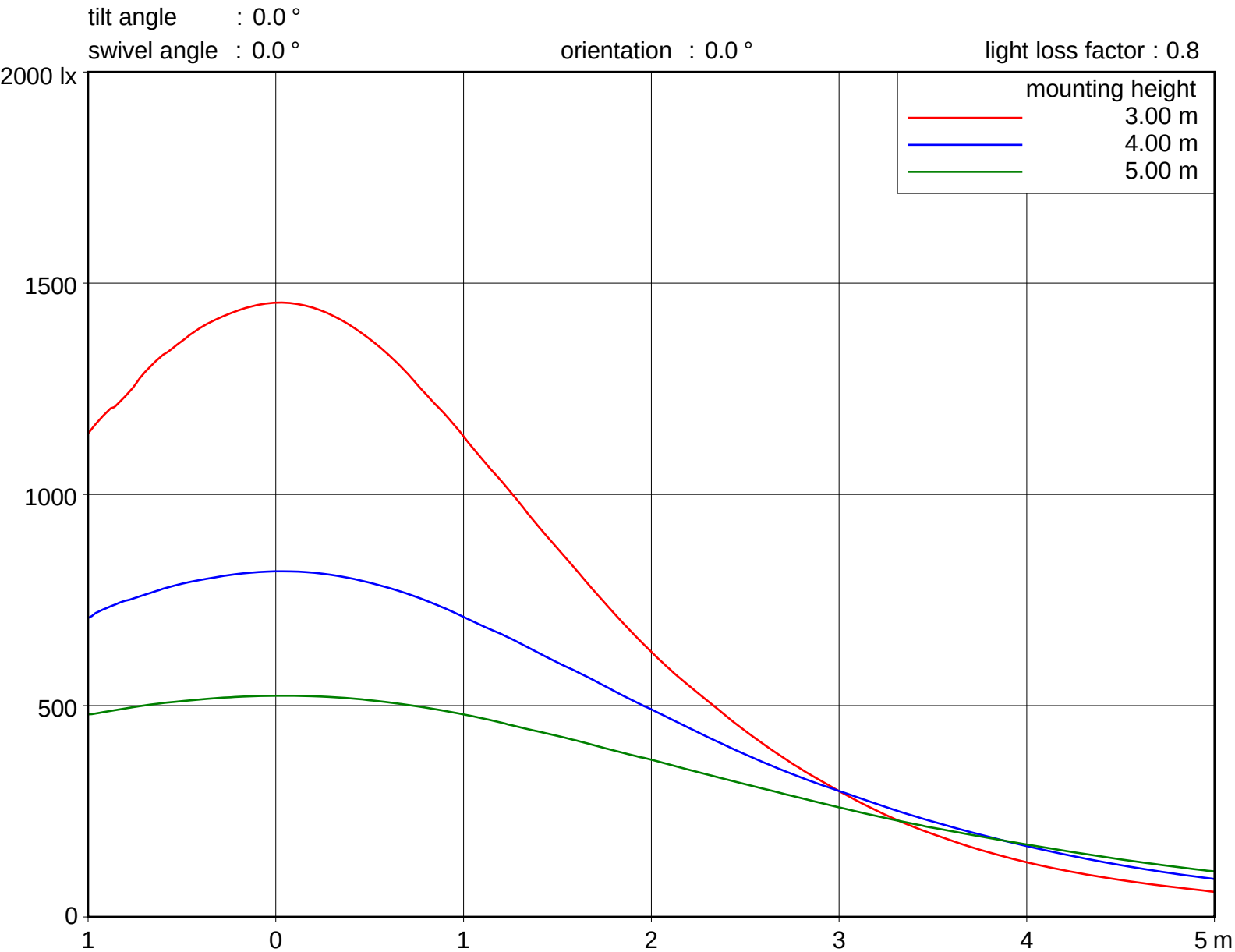
file : FLOODLIGHT_LED_300W_6500K

gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	464.2	464.2	464.2	464.2	464.2	464.2
2.5	462.7	462.9	462.6	462.7	463.3	463.7
5.0	461.2	461.4	460.6	461.5	461.8	462.6
7.5	457.5	456.9	457.7	458.6	458.6	458.1
10.0	452.7	453.0	453.0	452.8	453.4	453.5
12.5	445.2	446.1	447.4	446.4	445.8	446.5
15.0	439.1	439.5	439.5	439.3	438.4	439.1
17.5	427.4	429.6	430.5	430.1	429.6	429.5
20.0	416.8	418.5	418.4	420.9	420.9	419.7
22.5	403.3	406.3	407.5	409.8	409.3	409.2
25.0	389.8	392.7	393.3	396.9	399.0	397.1
27.5	374.9	378.3	379.8	383.2	386.0	385.0
30.0	360.3	362.7	364.9	366.9	371.1	370.8
32.5	343.6	346.6	348.9	354.1	356.5	357.5
35.0	329.3	332.9	333.4	336.6	340.9	343.0
37.5	314.1	318.0	317.2	319.8	324.5	327.0
40.0	301.0	303.6	301.1	302.1	307.7	310.6
42.5	284.6	288.5	286.5	285.4	289.6	294.0
45.0	260.4	267.0	269.6	266.8	273.1	272.3
47.5	233.4	239.8	251.3	251.1	250.3	246.9
50.0	207.0	211.8	225.2	234.8	227.9	222.2
52.5	179.0	185.7	198.7	212.6	204.5	198.8
55.0	153.5	160.1	171.4	184.1	182.1	176.7
57.5	126.7	134.0	146.4	154.4	159.2	155.1
60.0	100.6	107.4	119.1	126.8	137.5	133.4
62.5	76.1	82.0	92.2	100.6	114.2	112.8
65.0	52.6	57.7	67.0	76.2	89.8	93.0
67.5	29.1	35.4	44.2	53.9	67.2	72.6
70.0	10.7	16.0	23.6	35.0	46.4	53.7
72.5	7.1	6.8	8.5	19.2	28.7	36.1

article code
Azar Teyf Co.

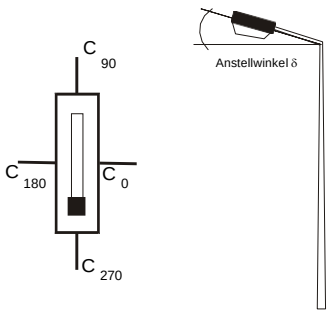
lamp(s)
1 x LED
total flux
35224 lm
LOR
100 %
tilt angle
0.0 °





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lamp(s)
1 x LED
total flux
35224 lm
LOR
100 %
tilt angle
0.0 °



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

article code

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lamp(s)

1 x LED

total flux

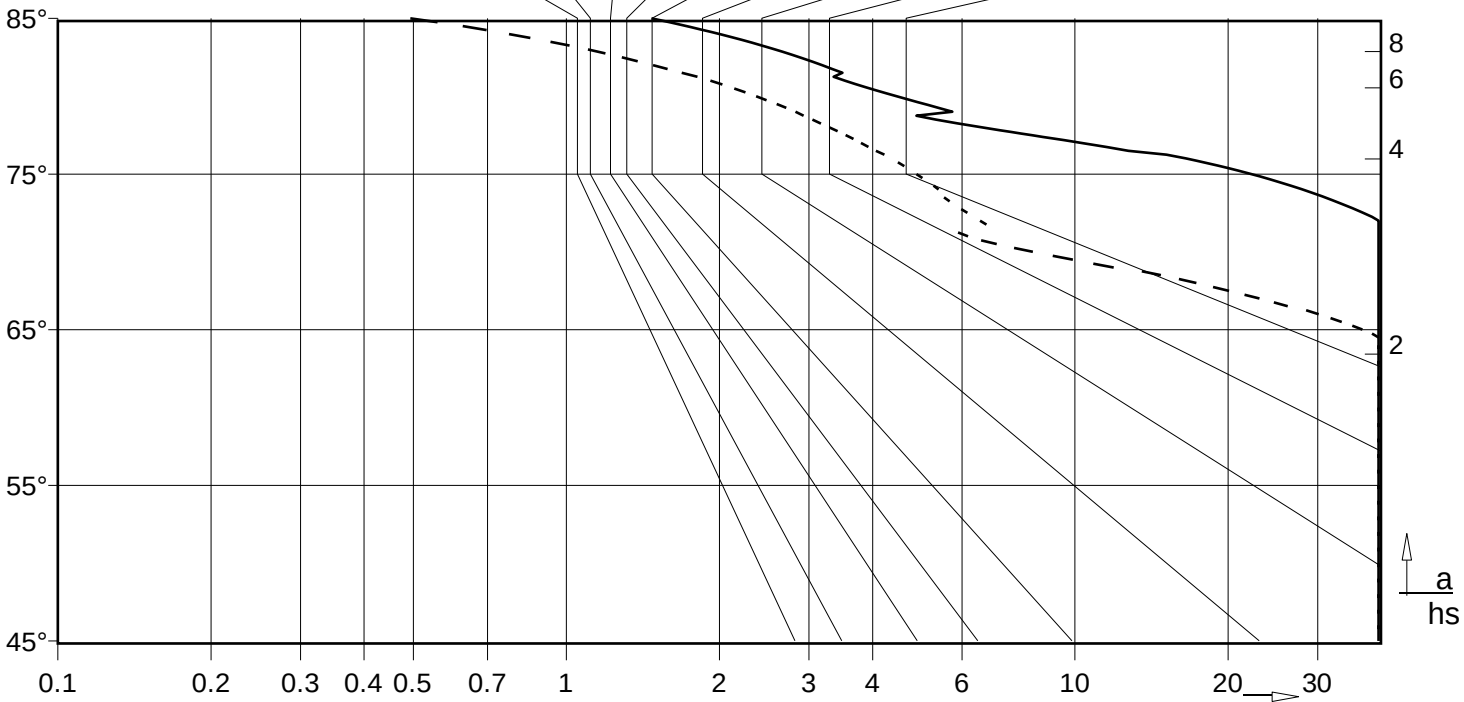
35224 lm

LOR

100 %

tilt angle

0.0 °



luminance curve

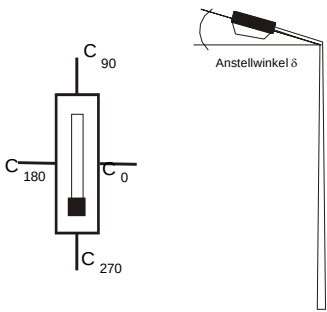
— C0-C180

- - - C90-C270

lamp(s)

1 x LED

35224 lm



— limit curve type B