

meas. no. 02L1837
meas. date 11/1/2023
operator LightLab.

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 0.516 A
power consumption 70.7 W
Leistungsfaktor 0.594

meas. lamps lum. flux [lm]
absolute measurement 4870.7 lm
luminous efficacy 69 lm/w

dimensions of luminaire
length 995 mm
width 45 mm
height 50 mm

dimensions of luminous area
length 930 mm
width 30 mm
height C0 15 mm
height C90 15 mm
height C180 15 mm
height C270 15 mm

reflector

cover

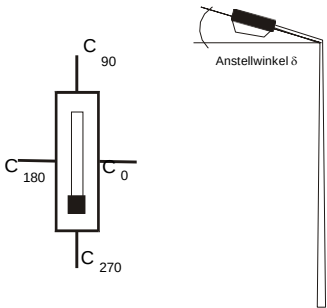
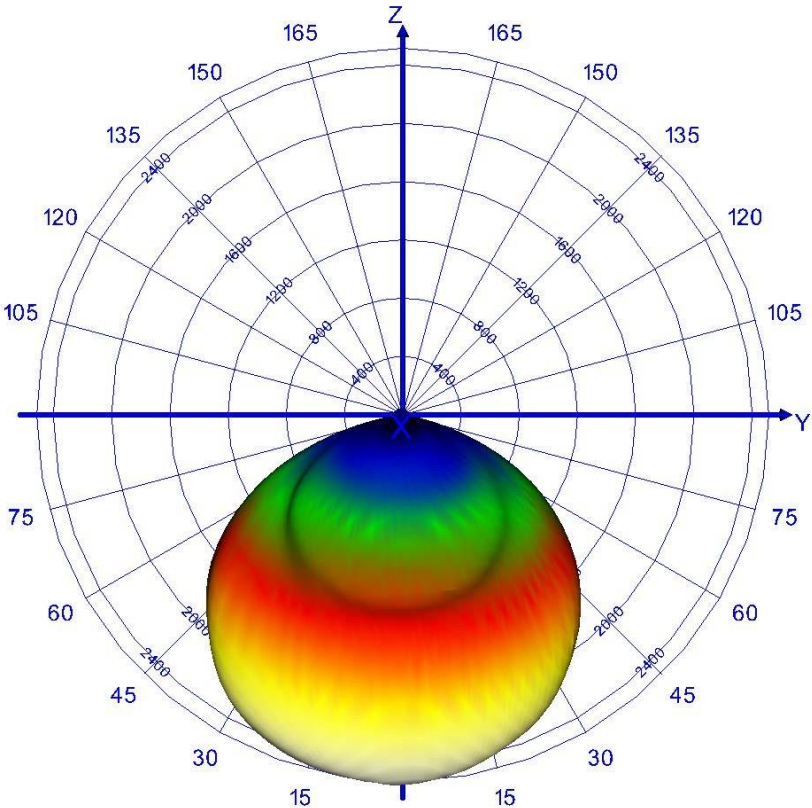
variant

measurement results
flux of luminaire 4870.7 lm
classification / DIN A50
lower flux fraction 100.00 %
upper flux fraction 0.00 %
intensity maximum 2513.8 cd
in C-plane 235.0 °
at gamma 10.0 °
half value angle C0 : 59.8 °
C90 : 38.5 °
C270 : 41.2 °
tenth value angle C0 : 78.4 °
C90 : 55.8 °
C270 : 58.7 °

article code
Azar Teyf Co.

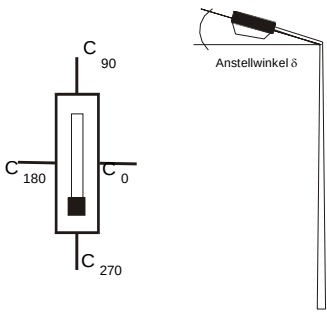
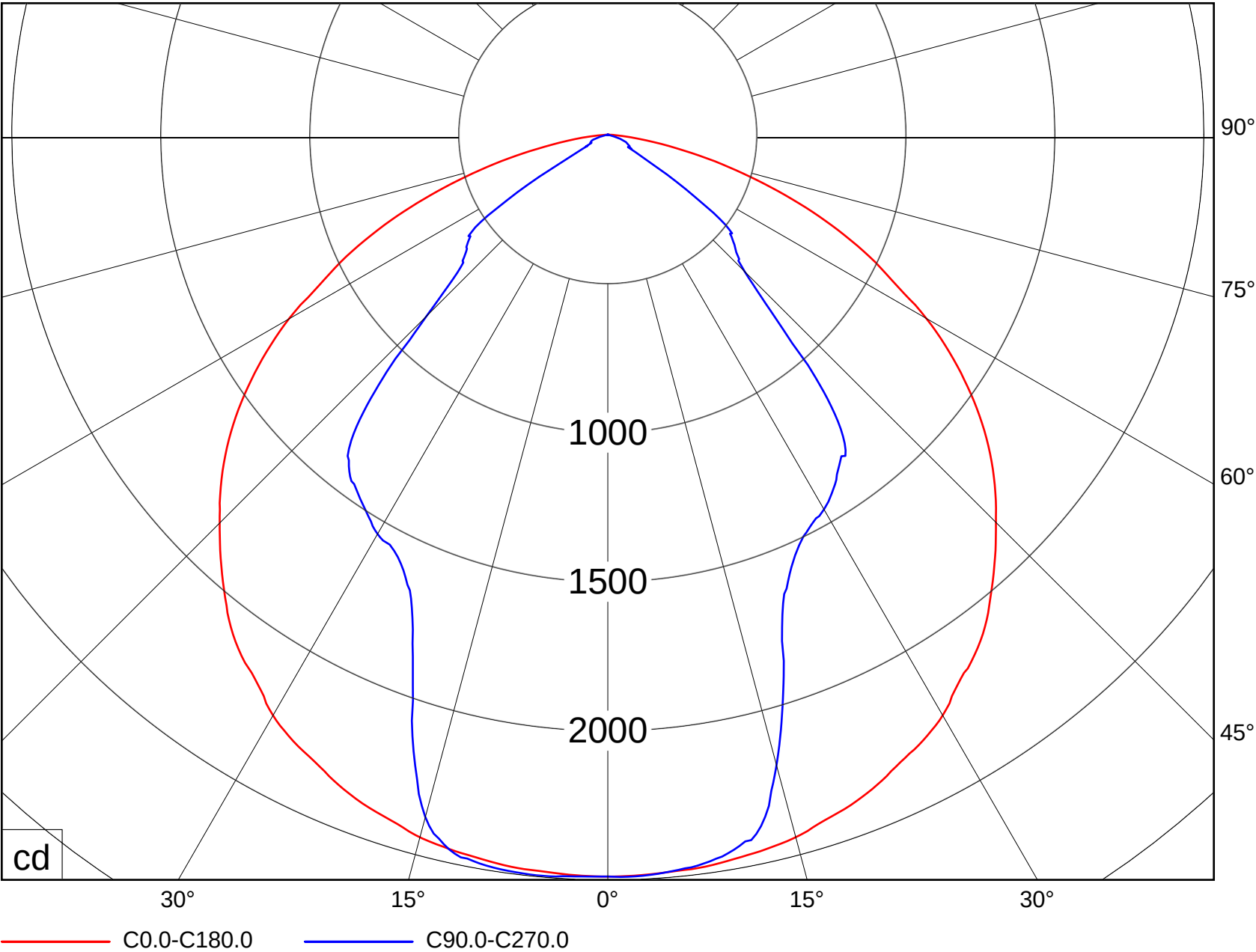
lamp(s)
1 x LED
total flux 4871 lm
LOR
100 %
tilt angle 0.0 °

remarks



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lamp(s)
1 x LED
total flux
4871 lm
LOR
100 %
tilt angle
0.0 °



distance [m]	cone diameter [m]	E [lx]	
1.0	3.44	E(0°) 2490 E(C0) 59.8° 626	
2.0	6.87	E(0°) 622 E(C0) 59.8° 157	
3.0	10.31	E(0°) 277 E(C0) 59.8° 70	
4.0	13.75	E(0°) 156 E(C0) 59.8° 39	
5.0	17.18	E(0°) 100 E(C0) 59.8° 25	

half value angle 119.6°

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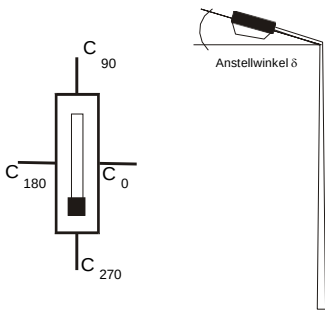
lamp(s)

1 x LED

total flux
4871 lm

LOR
100 %

tilt angle
0.0 °



article code

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lamp(s)

1 x LED

total flux

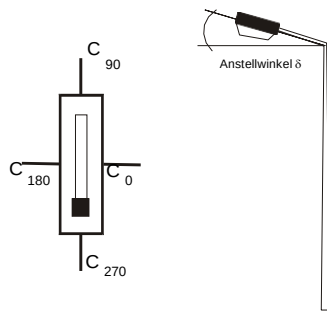
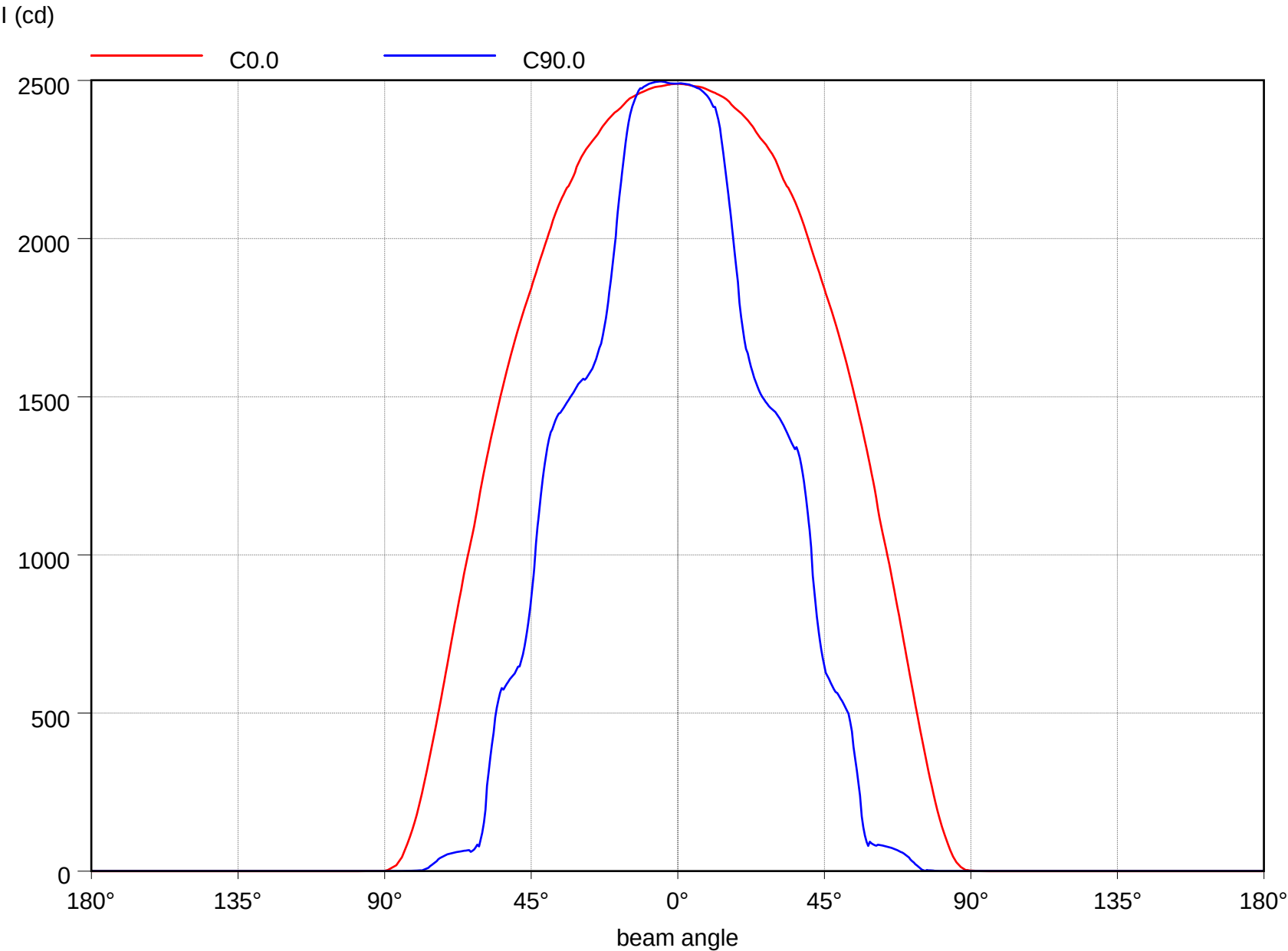
4871 lm

LOR

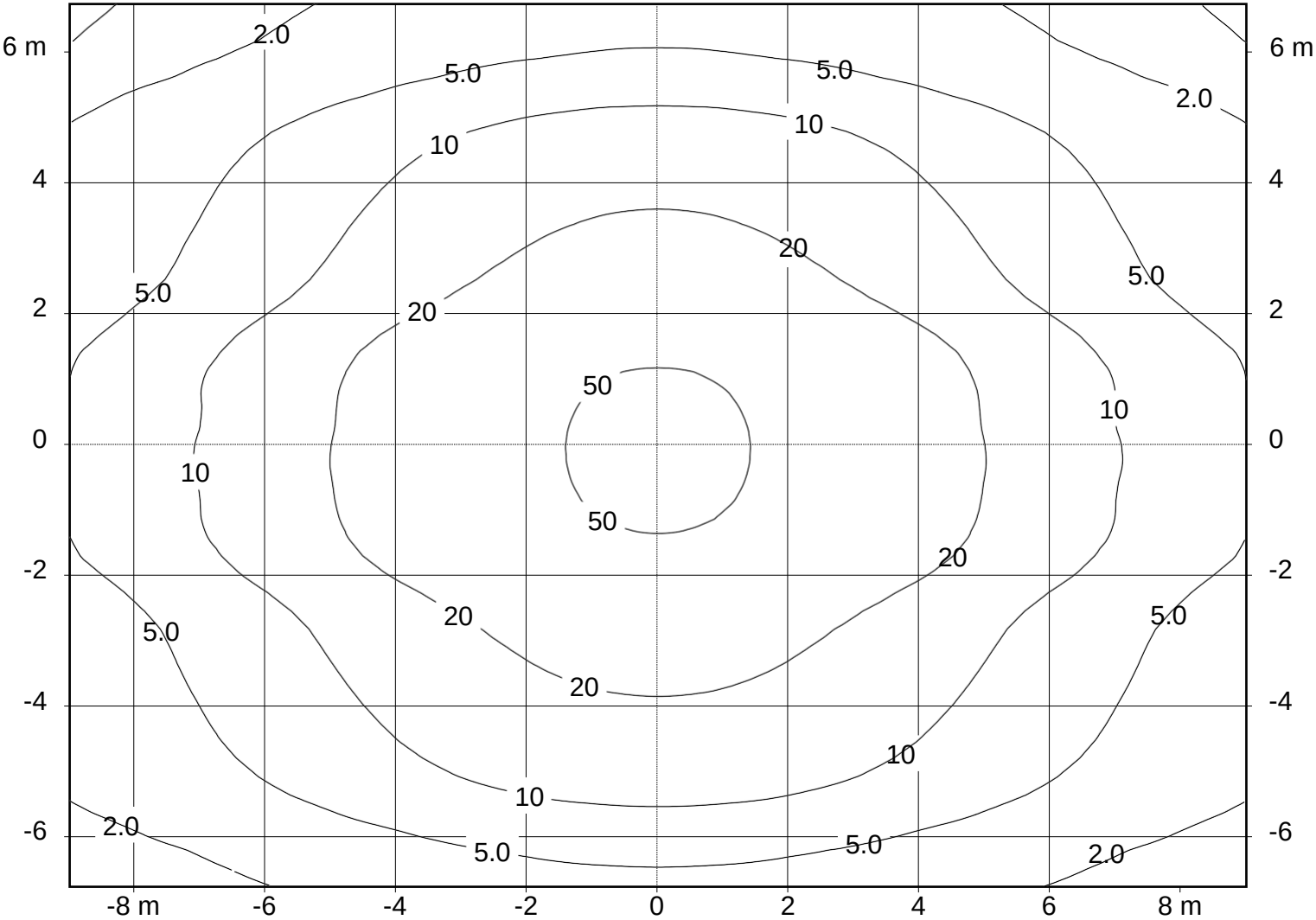
100 %

tilt angle

0.0 °

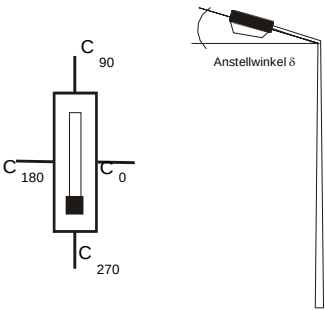


tilt angle : 0.0 °
swivel angle : 0.0 °
mounting height : 6.00 m
orientation : 0.0 °
light loss factor : 0.8



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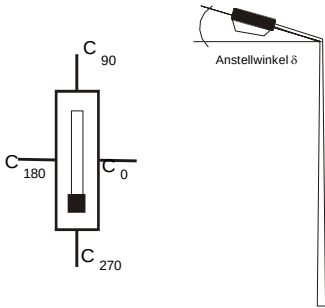
lamp(s)
1 x LED
total flux
4871 lm
LOR
100 %
tilt angle
0.0 °



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	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1
2.5	510.6	510.7	510.8	510.9	511.2	511.3	511.2	511.3	511.2	510.9	510.8	510.7	510.6	510.6	510.9	511.0	511.0	511.2
5.0	509.6	510.5	510.0	510.0	509.2	509.3	509.3	509.3	509.2	510.0	510.0	510.5	509.6	510.7	511.2	511.7	512.1	512.7
7.5	508.7	508.8	508.0	507.1	505.8	505.8	506.4	505.8	505.8	507.1	508.0	508.8	508.7	509.4	510.3	511.3	512.3	512.0
10.0	506.5	506.0	504.0	503.2	502.8	501.7	500.2	501.7	502.8	503.2	504.0	506.0	506.5	507.6	508.7	509.9	510.5	510.9
12.5	504.1	502.4	500.2	499.0	495.5	489.2	487.8	489.2	495.5	499.0	500.2	502.4	504.1	504.5	507.1	507.1	505.2	503.4
15.0	501.0	497.6	496.3	493.0	476.3	457.6	449.3	457.6	476.3	493.0	496.3	497.6	501.0	502.0	502.0	502.6	494.9	486.8
17.5	495.5	493.3	489.5	477.0	442.4	409.0	402.0	409.0	442.4	477.0	489.5	493.3	495.5	496.3	496.1	491.7	476.5	454.7
20.0	491.0	487.5	484.0	450.8	393.4	364.9	351.8	364.9	393.4	450.8	484.0	487.5	491.0	491.0	491.1	478.9	440.1	408.1
22.5	484.8	480.7	472.5	409.6	352.1	328.8	327.5	328.8	352.1	409.6	472.5	480.7	484.8	485.5	483.0	452.7	395.3	362.5
25.0	477.0	471.7	453.6	370.1	322.8	315.4	312.0	315.4	322.8	370.1	453.6	471.7	477.0	476.8	469.8	415.2	353.6	334.0
27.5	470.4	461.2	427.5	335.1	308.0	305.8	303.3	305.8	308.0	335.1	427.5	461.2	470.4	468.9	455.4	372.3	329.4	323.7
30.0	461.6	447.2	394.8	310.3	298.4	296.3	298.0	296.3	298.4	310.3	394.8	447.2	461.6	461.4	428.2	338.9	317.2	316.2
32.5	448.9	439.8	357.6	294.1	291.5	288.9	289.4	288.9	291.5	294.1	357.6	439.8	448.9	450.2	399.0	314.7	310.5	309.8
35.0	439.3	423.5	322.4	285.3	282.8	279.4	278.0	279.4	282.8	285.3	322.4	423.5	439.3	437.4	360.5	303.6	302.7	303.1
37.5	426.9	410.3	292.8	275.0	269.8	268.6	268.1	268.6	269.8	275.0	292.8	410.3	426.9	423.7	325.1	292.5	294.9	294.8
40.0	411.1	391.5	272.1	263.2	261.8	246.7	231.8	246.7	261.8	263.2	272.1	391.5	411.1	406.1	296.2	283.9	285.4	280.9
42.5	394.9	370.5	255.9	251.6	242.4	192.5	170.1	192.5	242.4	251.6	255.9	370.5	394.9	386.0	275.3	273.7	273.6	250.2
45.0	378.2	344.6	242.7	239.8	197.6	140.8	133.2	140.8	197.6	239.8	242.7	344.6	378.2	364.8	261.7	261.4	249.0	196.8
47.5	362.0	312.1	232.4	221.9	143.0	120.6	120.0	120.6	143.0	221.9	232.4	312.1	362.0	337.5	247.5	247.6	199.5	146.9
50.0	344.1	277.9	219.1	188.0	115.4	112.6	112.1	112.6	115.4	188.0	219.1	277.9	344.1	305.7	234.0	229.3	147.6	129.4
52.5	324.5	245.9	203.3	137.1	105.0	104.0	102.1	104.0	105.0	137.1	203.3	245.9	324.5	270.5	222.0	187.7	121.3	121.7
55.0	302.5	215.4	187.6	103.3	96.2	81.5	65.4	81.5	96.2	103.3	187.6	215.4	302.5	236.3	205.8	136.0	114.0	113.9
57.5	279.1	188.2	165.7	89.5	77.5	31.2	23.0	31.2	77.5	89.5	165.7	188.2	279.1	205.2	189.9	106.8	105.1	90.3
60.0	253.5	162.8	128.8	80.7	34.8	17.6	17.4	17.6	34.8	80.7	128.8	162.8	253.5	175.9	163.4	96.3	85.5	35.7
62.5	223.9	143.1	87.3	63.2	15.9	16.4	16.8	16.4	15.9	63.2	87.3	143.1	223.9	154.6	121.6	87.1	36.1	14.3
65.0	198.9	125.5	64.9	27.5	14.5	15.3	15.5	15.3	14.5	27.5	64.9	125.5	198.9	135.7	82.0	64.1	13.0	13.2
67.5	171.4	104.6	53.5	12.4	13.5	13.8	13.5	13.8	13.5	12.4	53.5	104.6	171.4	115.7	65.6	21.4	11.7	12.4
70.0	142.7	83.7	34.8	11.2	11.6	11.0	10.6	11.0	11.6	11.2	34.8	83.7	142.7	96.6	55.0	9.8	10.9	11.6
72.5	113.1	60.3	13.9	9.4	9.0	6.8	5.5	6.8	9.0	9.4	13.9	60.3	113.1	75.3	30.5	8.8	9.6	9.4
75.0	86.4	36.0	7.1	7.0	4.1	1.6	0.9	1.6	4.1	7.0	7.1	36.0	86.4	44.7	7.2	7.6	7.3	5.4
77.5	60.0	18.6	5.6	3.2	0.8	0.6	0.5	0.6	0.8	3.2	5.6	18.6	60.0	24.0	5.5	5.4	2.3	1.0

article code
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lamp(s)
1 x LED
total flux
4871 lm
LOR
100 %
tilt angle
0.0 °

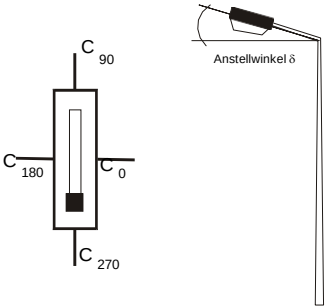


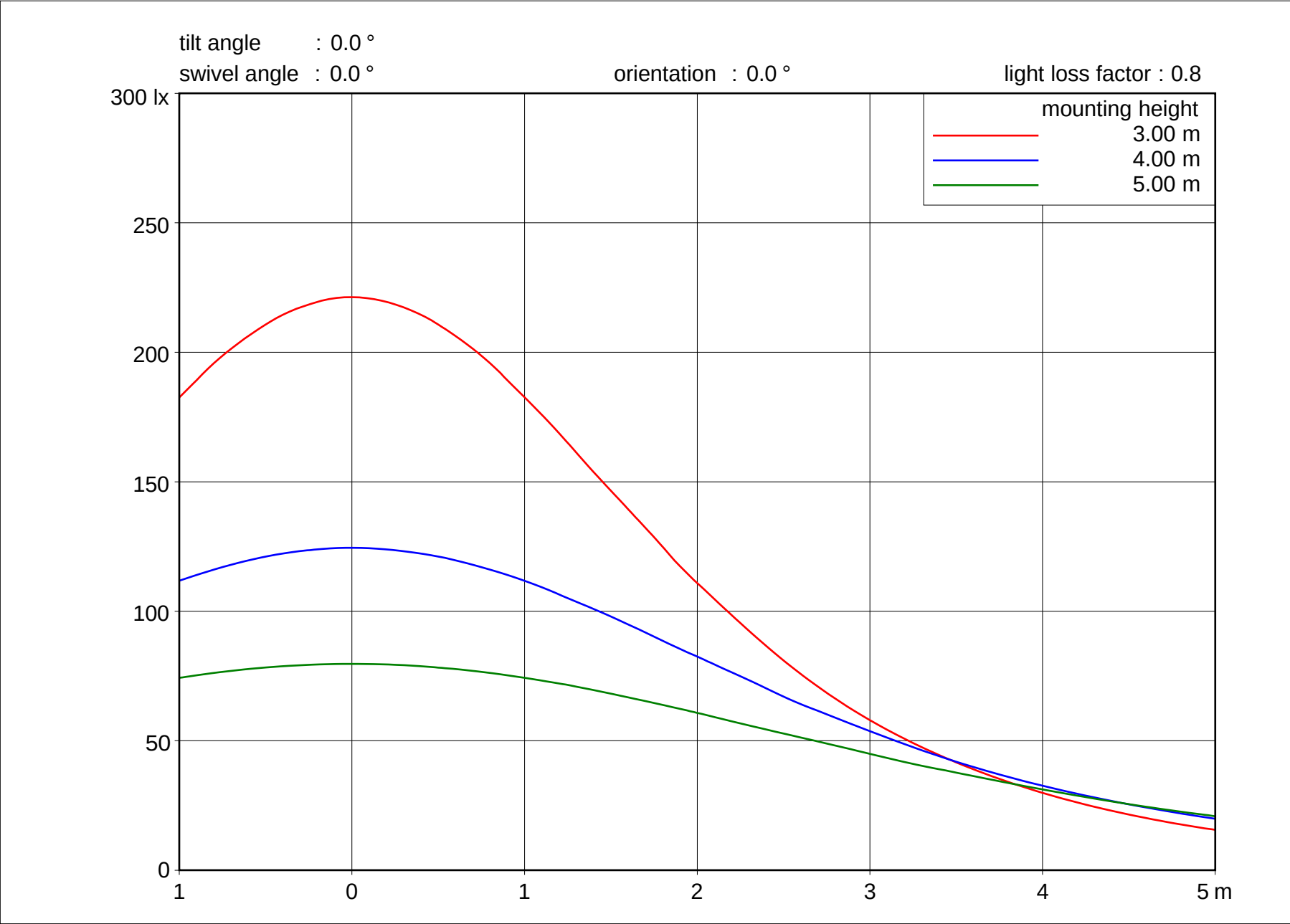
file : WALLWASHER_LED_80W_6000K

gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	511.1	511.1	511.1	511.1	511.1	511.1
2.5	511.4	511.2	511.0	511.0	510.9	510.6
5.0	512.5	512.7	512.1	511.7	511.2	510.7
7.5	511.9	512.0	512.3	511.3	510.3	509.4
10.0	509.7	510.9	510.5	509.9	508.7	507.6
12.5	504.4	503.4	505.2	507.1	507.1	504.5
15.0	486.3	486.8	494.9	502.6	502.0	502.0
17.5	445.2	454.7	476.5	491.7	496.1	496.3
20.0	392.9	408.1	440.1	478.9	491.1	491.0
22.5	352.8	362.5	395.3	452.7	483.0	485.5
25.0	332.5	334.0	353.6	415.2	469.8	476.8
27.5	321.3	323.7	329.4	372.3	455.4	468.9
30.0	317.5	316.2	317.2	338.9	428.2	461.4
32.5	309.1	309.8	310.5	314.7	399.0	450.2
35.0	300.8	303.1	302.7	303.6	360.5	437.4
37.5	292.5	294.8	294.9	292.5	325.1	423.7
40.0	275.0	280.9	285.4	283.9	296.2	406.1
42.5	233.9	250.2	273.6	273.7	275.3	386.0
45.0	176.2	196.8	249.0	261.4	261.7	364.8
47.5	140.6	146.9	199.5	247.6	247.5	337.5
50.0	128.4	129.4	147.6	229.3	234.0	305.7
52.5	121.4	121.7	121.3	187.7	222.0	270.5
55.0	111.5	113.9	114.0	136.0	205.8	236.3
57.5	73.7	90.3	105.1	106.8	189.9	205.2
60.0	24.9	35.7	85.5	96.3	163.4	175.9
62.5	14.1	14.3	36.1	87.1	121.6	154.6
65.0	13.3	13.2	13.0	64.1	82.0	135.7
67.5	12.5	12.4	11.7	21.4	65.6	115.7
70.0	11.4	11.6	10.9	9.8	55.0	96.6
72.5	9.2	9.4	9.6	8.8	30.5	75.3
75.0	4.8	5.4	7.3	7.6	7.2	44.7
77.5	1.0	1.0	2.3	5.4	5.5	24.0

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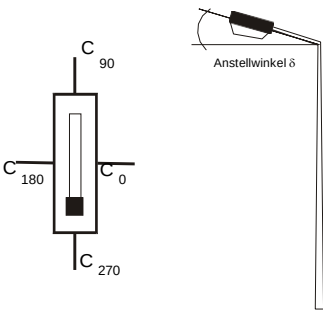
lamp(s)
1 x LED
total flux
4871 lm
LOR
100 %
tilt angle
0.0 °





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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	

article code

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lamp(s)

1 x LED

total flux

4871 lm

LOR

100 %

tilt angle

0.0 °

