

meas. no. 96L622
meas. date 8/7/2017
operator LightLab

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 0.249 A
power consumption 55.5 W

meas. lamps **lum. flux [lm]**
1 5215.0 lm

dimensions of luminaire
length 287 mm
width 235 mm
height 105 mm

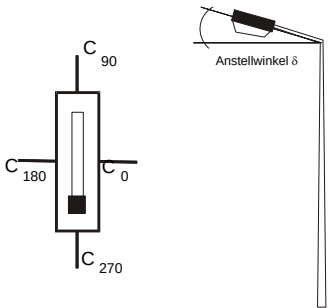
dimensions of luminous area
length 210 mm
width 160 mm
height C0 90 mm
height C90 90 mm
height C180 90 mm
height C270 90 mm

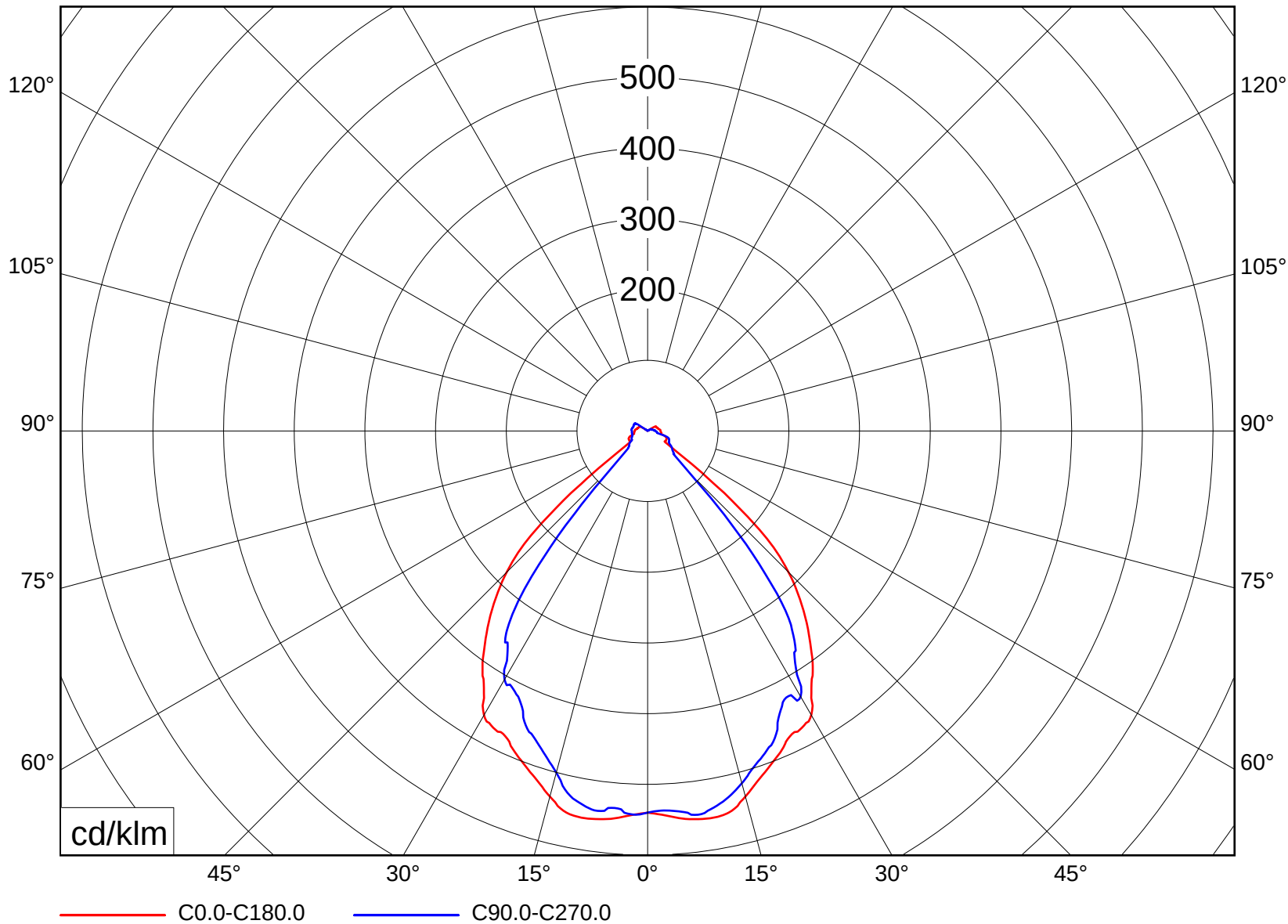
measurement results
flux of luminaire 5215.2 lm
classification / DIN A51
lower flux fraction 94.60 %
upper flux fraction 5.40 %
intensity maximum 567.9 cd/klm
in C-plane 180.0 °
at gamma 10.0 °
half value angle C0 : 45.2 °
C90 : 39.0 °
C270 : 38.2 °
tenth value angle C0 : 54.2 °
C90 : 47.3 °
C270 : 45.4 °

article code
Ecowat Co.

lamp(s)
1 x LED
total flux 5215 lm
LOR
100 %
tilt angle 0.0 °

file
FloodLight_L

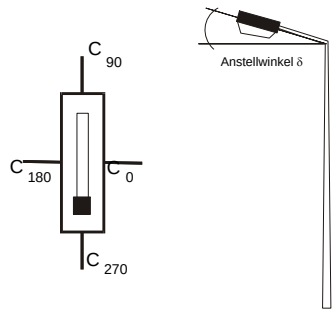


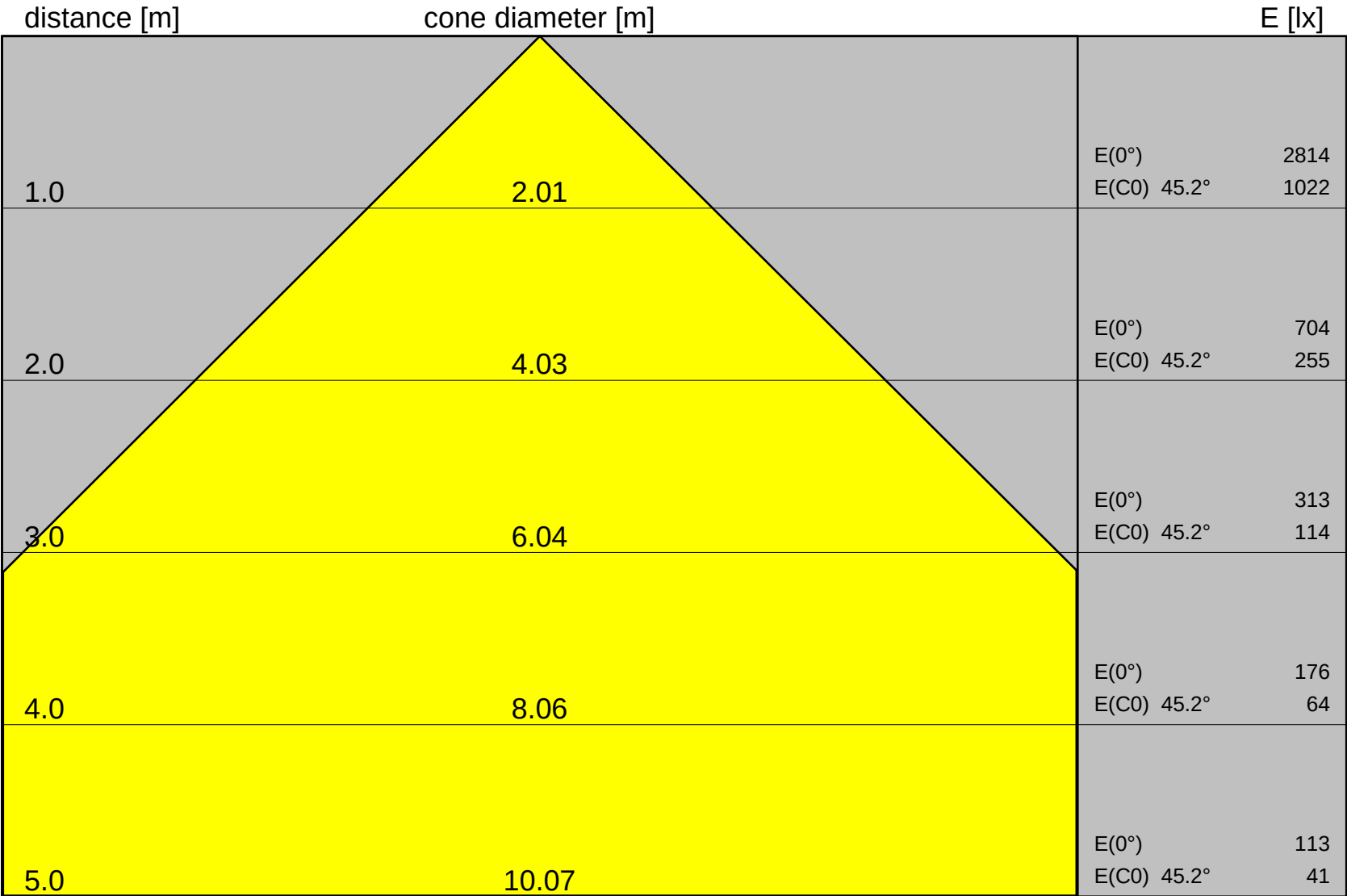


article code
Ecowat Co.

lamp(s)
1 x LED
total flux
5215 lm
LOR
100 %
tilt angle
0.0 °

file
FloodLight_L





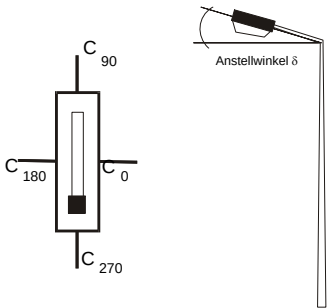
half value angle 90.4°

article code
Ecowat Co.

lamp(s)

1 x LED
total flux
5215 lm
LOR
100 %
tilt angle
0.0 °

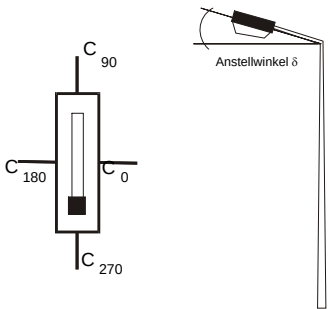
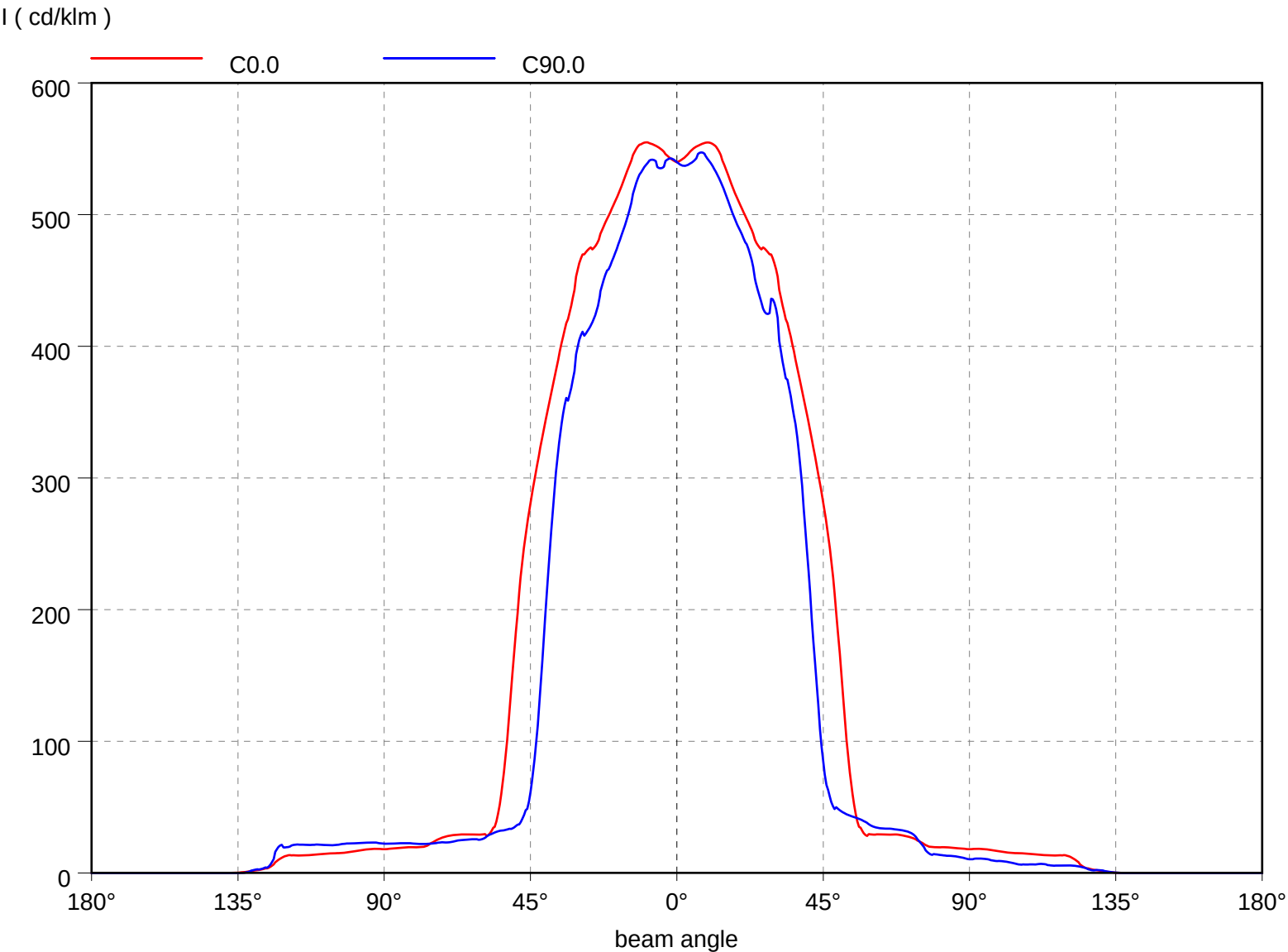
file
FloodLight_L

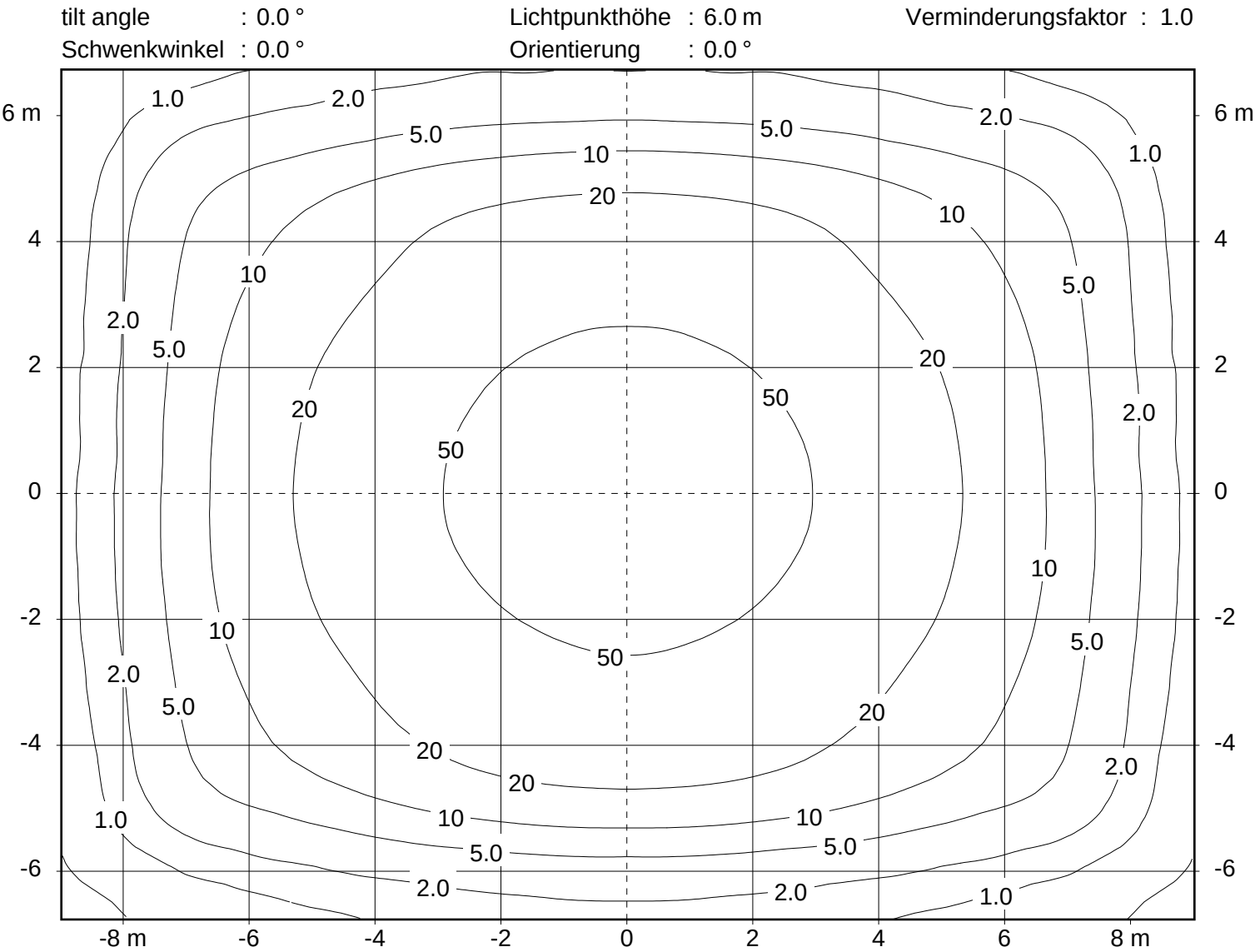


article code
Ecowat Co.

lamp(s)
1 x LED
total flux
5215 lm
LOR
100 %
tilt angle
0.0 °

file
FloodLight_L

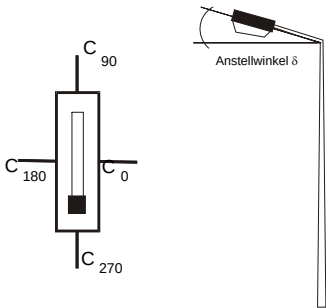




article code
Ecowat Co.

lamp(s)
1 x LED
total flux
5215 lm
LOR
100 %
tilt angle
0.0 °

file
FloodLight_L



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
0.0	539.6	539.6	539.6	539.6	539.6	539.6	539.6	539.6	539.6	539.6	539.6	539.6	539.6	539.6	539.6	539.6	539.6
2.5	543.7	542.3	539.9	539.3	539.0	537.7	537.1	537.7	539.0	539.3	539.9	542.3	543.7	544.1	544.4	543.1	542.3
5.0	549.9	547.9	546.6	543.5	540.9	539.9	540.3	539.9	540.9	543.5	546.6	547.9	549.9	550.3	546.9	543.3	539.6
7.5	553.4	553.3	550.6	548.8	548.8	547.5	547.2	547.5	548.8	548.8	550.6	553.3	553.4	553.0	550.2	549.7	548.2
10.0	554.6	553.7	551.2	547.3	545.0	541.9	540.5	541.9	545.0	547.3	551.2	553.7	554.6	553.4	548.4	544.8	541.2
12.5	549.9	550.1	544.9	539.4	533.9	531.9	530.0	531.9	533.9	539.4	544.9	550.1	549.9	548.2	541.8	530.7	528.3
15.0	534.9	534.0	529.3	519.1	513.3	514.4	515.5	514.4	513.3	519.1	529.3	534.0	534.9	532.8	522.3	510.1	502.3
17.5	518.6	514.6	510.6	497.1	494.2	497.3	498.6	497.3	494.2	497.1	510.6	514.6	518.6	516.0	501.7	487.5	477.3
20.0	504.5	498.7	493.1	482.7	482.4	487.2	484.8	487.2	482.4	482.7	493.1	498.7	504.5	498.6	484.5	471.3	464.7
22.5	491.1	485.5	479.7	473.4	471.4	473.2	469.9	473.2	471.4	473.4	479.7	485.5	491.1	484.5	471.9	461.0	450.9
25.0	476.3	474.1	467.2	463.2	453.6	448.4	441.5	448.4	453.6	463.2	467.2	474.1	476.3	473.1	459.7	447.3	433.1
27.5	472.9	472.6	464.7	460.2	441.2	428.0	424.8	428.0	441.2	460.2	464.7	472.6	472.9	469.5	454.0	439.2	420.2
30.0	463.1	462.3	456.9	452.6	434.9	433.1	433.0	433.1	434.9	452.6	456.9	462.3	463.1	455.3	442.2	431.0	416.9
32.5	431.0	428.6	422.6	411.8	395.4	394.3	388.4	394.3	395.4	411.8	422.6	428.6	431.0	421.1	406.3	393.5	386.4
35.0	407.3	404.6	399.3	383.8	379.4	367.3	362.1	367.3	379.4	383.8	399.3	404.6	407.3	398.5	383.0	370.0	365.4
37.5	377.9	377.1	373.3	356.3	359.4	335.5	320.1	335.5	359.4	356.3	373.3	377.1	377.9	372.3	357.0	348.2	341.3
40.0	348.3	348.1	343.0	331.8	331.8	275.5	245.3	275.5	331.8	331.8	343.0	348.1	348.3	343.7	328.6	324.8	307.4
42.5	316.3	318.7	310.5	307.7	278.8	190.4	159.4	190.4	278.8	307.7	310.5	318.7	316.3	313.7	301.1	300.0	243.6
45.0	281.3	288.5	285.2	286.6	201.2	109.5	84.4	109.5	201.2	286.6	285.2	288.5	281.3	284.3	277.9	268.8	165.5
47.5	237.2	253.4	260.7	251.2	120.2	62.0	53.9	62.0	120.2	251.2	260.7	253.4	237.2	251.1	255.5	220.5	90.5
50.0	168.9	196.3	236.3	188.0	66.9	48.8	47.8	48.8	66.9	188.0	236.3	196.3	168.9	197.0	229.8	154.3	45.4
52.5	93.0	112.9	192.7	117.8	48.5	44.9	44.2	44.9	48.5	117.8	192.7	112.9	93.0	117.3	186.0	87.7	33.8
55.0	44.9	50.6	122.2	64.0	42.6	43.6	42.0	43.6	42.6	64.0	122.2	50.6	44.9	54.8	115.7	44.8	30.0
57.5	30.1	31.6	58.7	40.7	40.2	39.9	39.4	39.9	40.2	40.7	58.7	31.6	30.1	32.2	53.6	30.2	28.2
60.0	29.2	29.3	33.8	35.1	38.0	35.8	35.7	35.8	38.0	35.1	33.8	29.3	29.2	29.2	30.8	27.2	27.0
62.5	29.3	28.8	29.9	33.8	36.0	34.7	33.9	34.7	36.0	33.8	29.9	28.8	29.3	29.4	28.3	26.2	26.2
65.0	29.1	28.7	28.4	32.9	34.3	33.8	33.7	33.8	34.3	32.9	28.4	28.7	29.1	29.0	28.8	26.3	25.6
67.5	29.2	28.4	27.9	32.9	33.3	33.5	33.0	33.5	33.3	32.9	27.9	28.4	29.2	28.9	28.7	25.7	25.2
70.0	28.2	27.1	26.4	32.0	32.7	32.3	32.0	32.3	32.7	32.0	26.4	27.1	28.2	28.5	28.5	24.7	24.5
72.5	26.5	24.8	23.1	29.4	29.7	29.7	29.6	29.7	29.7	29.4	23.1	24.8	26.5	27.1	27.8	25.0	24.3
75.0	23.4	20.9	18.6	23.1	23.4	24.0	22.7	24.0	23.4	23.1	18.6	20.9	23.4	23.9	24.6	24.4	23.5
77.5	20.1	17.5	14.7	15.8	15.6	15.4	14.9	15.4	15.6	15.8	14.7	17.5	20.1	21.6	22.7	23.8	23.3
80.0	19.5	16.8	13.8	13.6	13.9	13.9	14.0	13.9	13.9	13.6	13.8	16.8	19.5	21.0	21.6	23.6	23.2
82.5	19.5	16.4	13.8	13.3	13.6	13.8	13.2	13.8	13.6	13.3	13.8	16.4	19.5	20.6	21.6	23.9	23.2
85.0	19.1	15.5	12.6	12.4	13.0	12.8	12.8	12.8	13.0	12.4	12.6	15.5	19.1	20.7	21.9	23.9	23.4
87.5	18.5	15.0	12.1	11.8	12.1	11.7	11.8	11.7	12.1	11.8	12.1	15.0	18.5	20.3	21.9	24.0	23.2
90.0	18.1	14.6	11.8	11.3	11.4	11.0	10.4	11.0	11.4	11.3	11.8	14.6	18.1	20.2	21.9	23.8	23.4

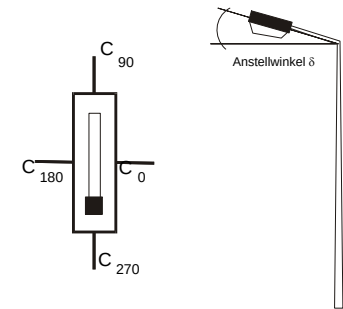
article code
Ecowat Co.

lamp(s)
1 x LED

total flux
5215 lm

LOR
100 %
tilt angle
0.0 °

file
FloodLight_L



gamma / °	C 255	C 270	C 285	C 300	C 315	C 330	C 345
0.0	539.6	539.6	539.6	539.6	539.6	539.6	539.6
2.5	542.0	542.4	542.0	542.3	543.1	544.4	544.1
5.0	536.4	535.1	536.4	539.6	543.3	546.9	550.3
7.5	544.4	541.7	544.4	548.2	549.7	550.2	553.0
10.0	537.9	536.1	537.9	541.2	544.8	548.4	553.4
12.5	528.1	524.0	528.1	528.3	530.7	541.8	548.2
15.0	502.8	499.8	502.8	502.3	510.1	522.3	532.8
17.5	479.6	480.9	479.6	477.3	487.5	501.7	516.0
20.0	463.2	464.3	463.2	464.7	471.3	484.5	498.6
22.5	448.2	450.5	448.2	450.9	461.0	471.9	484.5
25.0	425.7	424.6	425.7	433.1	447.3	459.7	473.1
27.5	409.7	411.5	409.7	420.2	439.2	454.0	469.5
30.0	411.8	404.8	411.8	416.9	431.0	442.2	455.3
32.5	370.6	368.5	370.6	386.4	393.5	406.3	421.1
35.0	352.2	348.8	352.2	365.4	370.0	383.0	398.5
37.5	315.3	295.3	315.3	341.3	348.2	357.0	372.3
40.0	244.6	212.9	244.6	307.4	324.8	328.6	343.7
42.5	154.9	121.4	154.9	243.6	300.0	301.1	313.7
45.0	79.0	61.6	79.0	165.5	268.8	277.9	284.3
47.5	44.5	41.1	44.5	90.5	220.5	255.5	251.1
50.0	34.8	34.7	34.8	45.4	154.3	229.8	197.0
52.5	31.4	32.8	31.4	33.8	87.7	186.0	117.3
55.0	31.1	31.6	31.1	30.0	44.8	115.7	54.8
57.5	29.2	29.1	29.2	28.2	30.2	53.6	32.2
60.0	26.3	25.6	26.3	27.0	27.2	30.8	29.2
62.5	25.9	25.6	25.9	26.2	26.2	28.3	29.4
65.0	25.9	25.2	25.9	25.6	26.3	28.8	29.0
67.5	25.8	24.5	25.8	25.2	25.7	28.7	28.9
70.0	25.3	23.3	25.3	24.5	24.7	28.5	28.5
72.5	25.1	23.2	25.1	24.3	25.0	27.8	27.1
75.0	24.9	22.4	24.9	23.5	24.4	24.6	23.9
77.5	24.5	22.0	24.5	23.3	23.8	22.7	21.6
80.0	24.0	22.1	24.0	23.2	23.6	21.6	21.0
82.5	24.5	22.6	24.5	23.2	23.9	21.6	20.6
85.0	24.8	22.5	24.8	23.4	23.9	21.9	20.7
87.5	24.7	22.3	24.7	23.2	24.0	21.9	20.3
90.0	24.8	22.2	24.8	23.4	23.8	21.9	20.2

article code

Ecowat Co.

lamp(s)

1 x LED

total flux

5215 lm

LOR

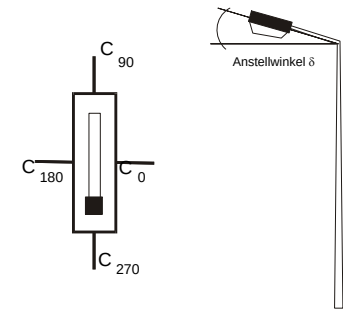
100 %

tilt angle

0.0 °

file

FloodLight_L

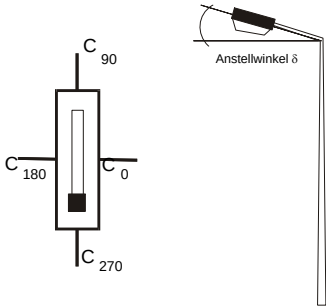


gamma / °	C 0	C 15	C 30	C 45	C 60	C 75	C 90	C 105	C 120	C 135	C 150	C 165	C 180	C 195	C 210	C 225	C 240
92.5	18.3	14.6	11.5	11.2	11.5	11.2	10.9	11.2	11.5	11.2	11.5	14.6	18.3	20.5	22.4	24.7	24.0
95.0	18.1	14.4	10.6	10.5	11.2	10.8	10.6	10.8	11.2	10.5	10.6	14.4	18.1	20.1	22.2	24.1	23.8
97.5	17.0	13.2	9.3	9.3	10.0	9.3	9.3	9.3	10.0	9.3	9.3	13.2	17.0	18.9	22.0	23.0	22.9
100.0	16.1	12.6	8.8	8.4	9.2	8.7	8.9	8.7	9.2	8.4	8.8	12.6	16.1	18.1	21.8	23.1	22.9
102.5	15.4	12.0	8.2	7.5	8.4	8.1	8.0	8.1	8.4	7.5	8.2	12.0	15.4	17.5	21.1	22.4	22.0
105.0	14.9	10.9	8.1	6.3	7.0	6.7	6.5	6.7	7.0	6.3	8.1	10.9	14.9	16.6	20.2	21.7	21.1
107.5	14.8	10.8	9.0	6.1	6.9	6.6	6.4	6.6	6.9	6.1	9.0	10.8	14.8	16.3	19.1	21.1	20.7
110.0	14.1	10.9	9.6	6.4	7.2	7.0	6.5	7.0	7.2	6.4	9.6	10.9	14.1	16.3	18.5	21.4	21.1
112.5	13.6	10.8	10.5	6.5	7.1	6.6	6.8	6.6	7.1	6.5	10.5	10.8	13.6	16.0	17.5	20.9	21.0
115.0	13.3	10.9	11.2	5.9	6.4	5.7	5.7	5.7	6.4	5.9	11.2	10.9	13.3	15.7	16.4	20.7	20.7
117.5	13.4	11.0	11.8	5.5	5.7	5.4	5.6	5.4	5.7	5.5	11.8	11.0	13.4	15.5	14.8	21.0	20.7
120.0	13.1	11.1	11.9	5.2	5.5	5.4	5.7	5.4	5.5	5.2	11.9	11.1	13.1	15.0	13.4	20.2	19.9
122.5	10.0	8.4	9.3	4.7	4.9	4.8	5.4	4.8	4.9	4.7	9.3	8.4	10.0	12.3	10.6	18.1	19.0

article code
Ecowat Co.

lamp(s)
1 x LED
total flux
5215 lm
LOR
100 %
tilt angle
0.0 °

file
FloodLight_L

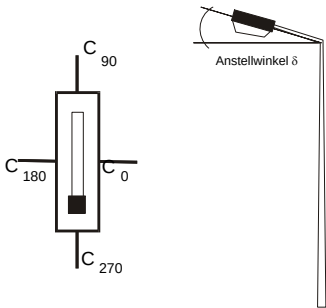


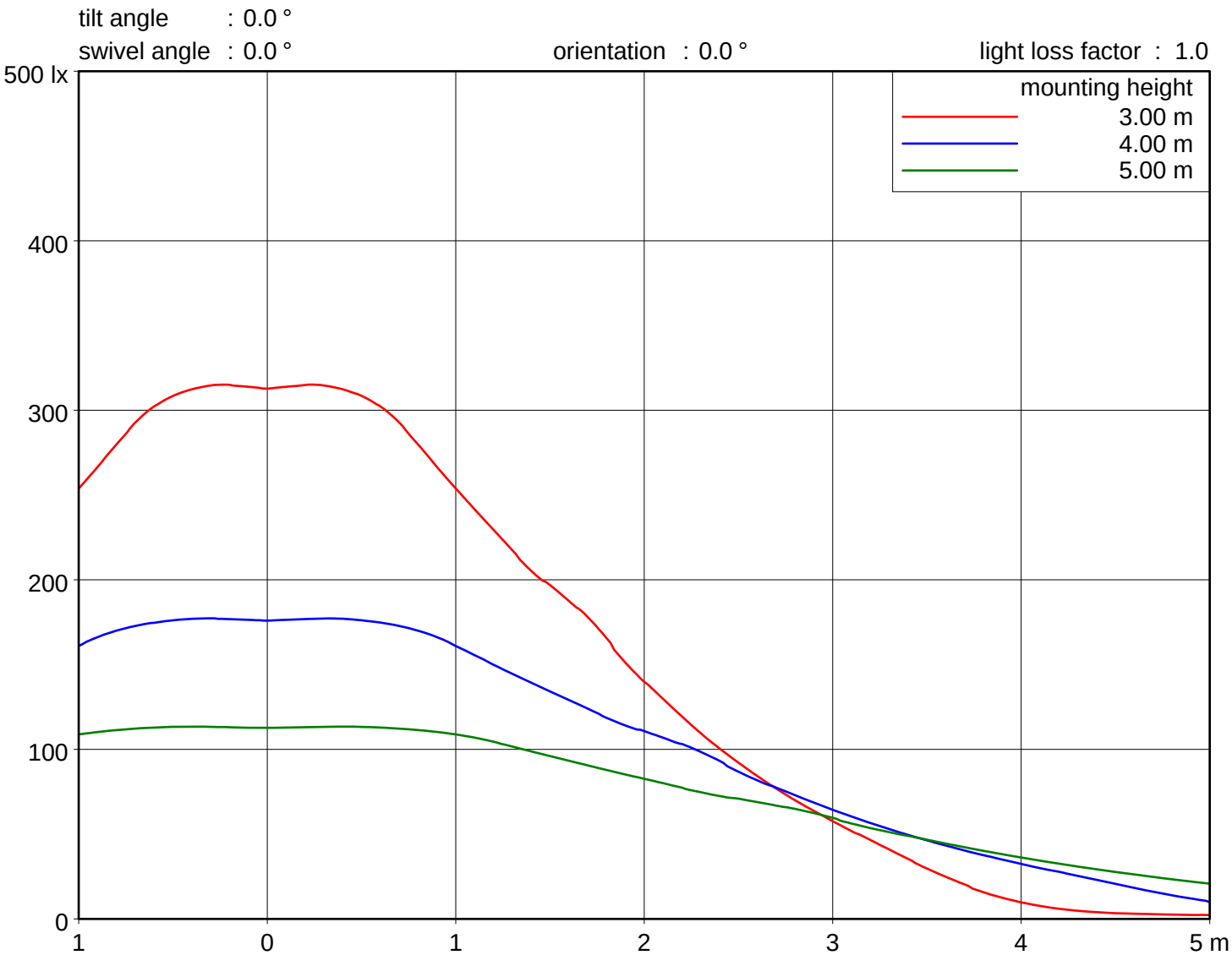
gamma / °	C 255	C 270	C 285	C 300	C 315	C 330	C 345
92.5	24.9	23.0	24.9	24.0	24.7	22.4	20.5
95.0	24.7	23.1	24.7	23.8	24.1	22.2	20.1
97.5	23.7	22.6	23.7	22.9	23.0	22.0	18.9
100.0	23.6	22.5	23.6	22.9	23.1	21.8	18.1
102.5	22.9	22.1	22.9	22.0	22.4	21.1	17.5
105.0	22.2	21.2	22.2	21.1	21.7	20.2	16.6
107.5	22.2	21.1	22.2	20.7	21.1	19.1	16.3
110.0	22.6	21.5	22.6	21.1	21.4	18.5	16.3
112.5	21.7	21.3	21.7	21.0	20.9	17.5	16.0
115.0	21.5	21.4	21.5	20.7	20.7	16.4	15.7
117.5	21.3	21.4	21.3	20.7	21.0	14.8	15.5
120.0	19.9	19.5	19.9	19.9	20.2	13.4	15.0
122.5	19.2	19.8	19.2	19.0	18.1	10.6	12.3

article code
Ecowat Co.

lamp(s)
1 x LED
total flux
5215 lm
LOR
100 %
tilt angle
0.0 °

file
FloodLight_L





article code

Ecowat Co.

lamp(s)

1 x LED
total flux
5215 lm
LOR
100 %
tilt angle
0.0 °

file

FloodLight_L

