

file : LINELIGHT_LED_LN60-SM-4X1-W-NW_36W_4000K

meas. no. 00L1379
meas. date 6/12/2021
operator LightLab.

meas. conditions
 ambient temperature 25.0 °C
 voltage 230.00 V
 current 0.155 A
 power consumption 34.7 W
 Leistungsfaktor 0.974

meas. lamps lum. flux [lm]
 absolute measurement 2763.5 lm
 luminous efficacy 80 lm/w

dimensions of luminaire
 length 1155 mm
 width 65 mm
 height 90 mm

dimensions of luminous area
 length 1150 mm
 width 60 mm
 height C0 50 mm
 height C90 50 mm
 height C180 50 mm
 height C270 50 mm

reflector

cover

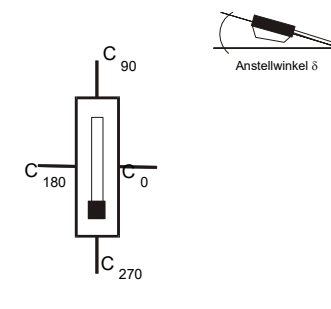
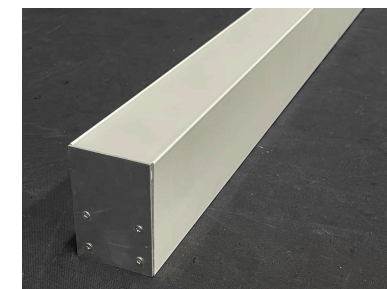
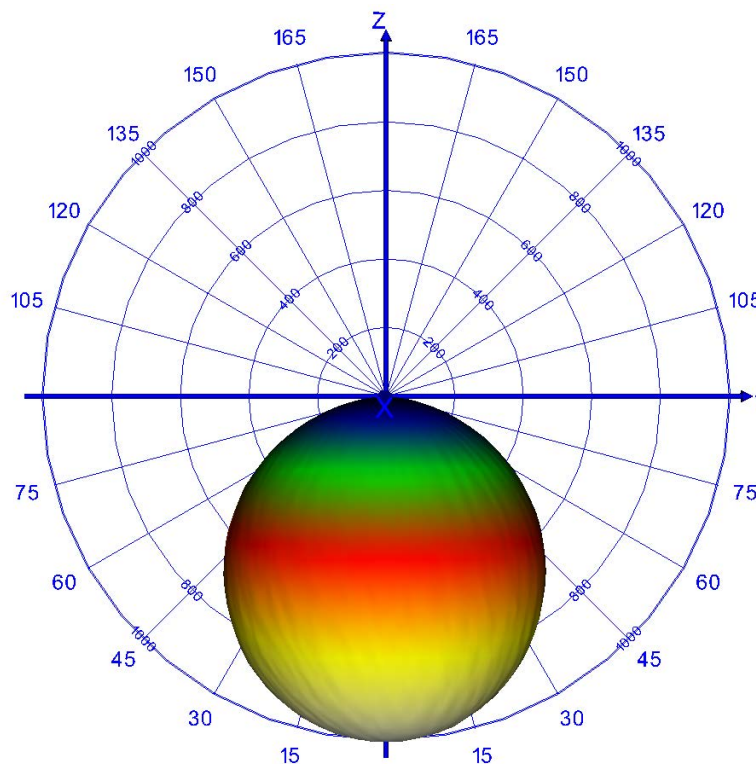
variant

measurement results
 flux of luminaire 2763.5 lm
 classification / DIN A40
 lower flux fraction 99.99 %
 upper flux fraction 0.01 %
 intensity maximum 1003.6 cd
 in C-plane 222.5 °
 at gamma 2.5 °
 half value angle C0 : 56.1 °
 C90 : 52.3 °
 C180 : 55.2 °
 C270 : 55.5 °
 tenth value angle C0 : 80.9 °
 C90 : 78.3 °
 C180 : 79.8 °
 C270 : 81.2 °

article code
 Ecowat Co.

lamp(s)
 1 x LED
 total flux 2764 lm
 LOR 100 %
 tilt angle 0.0 °

remarks



article code

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lamp(s)

1 x LED

total flux

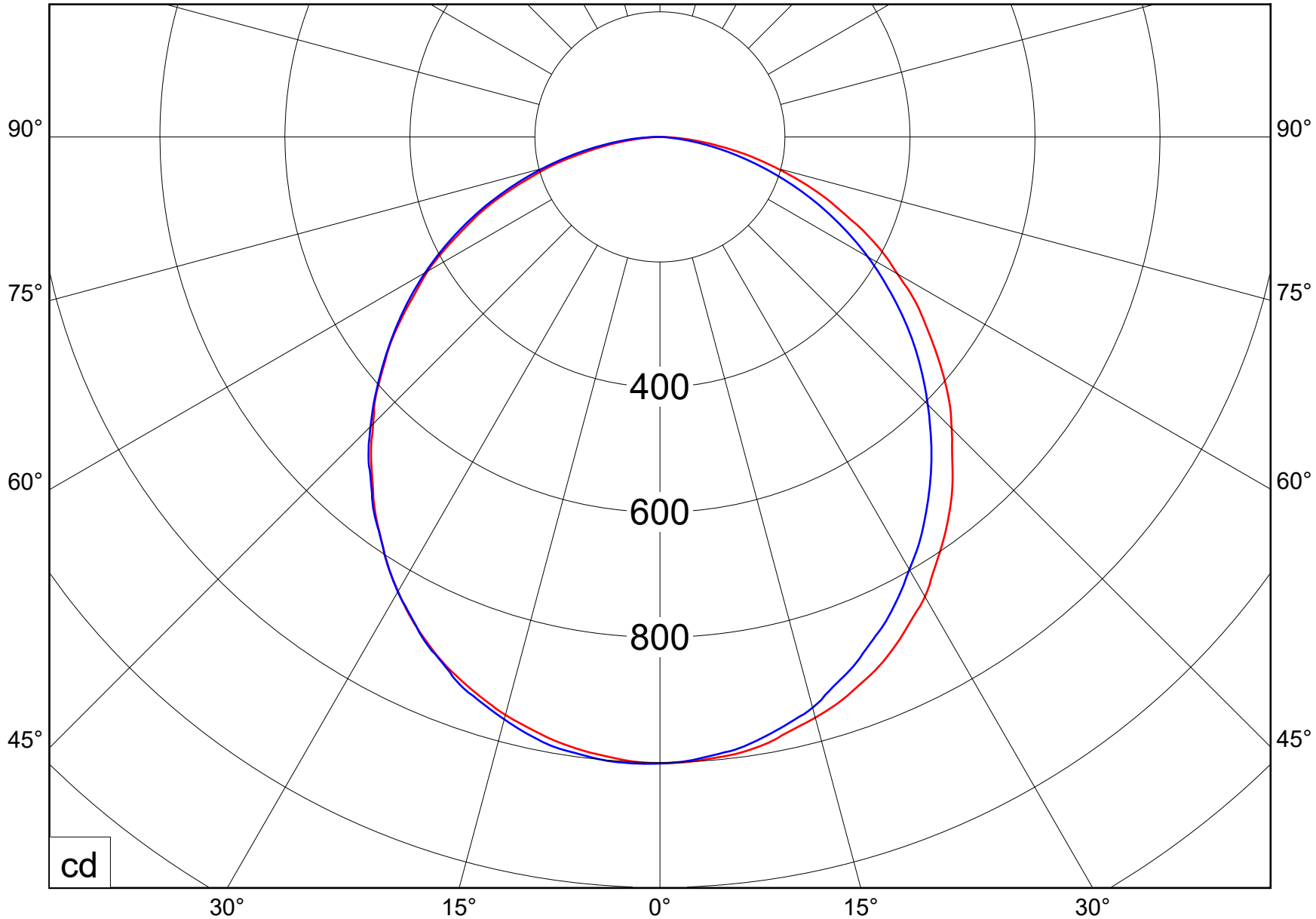
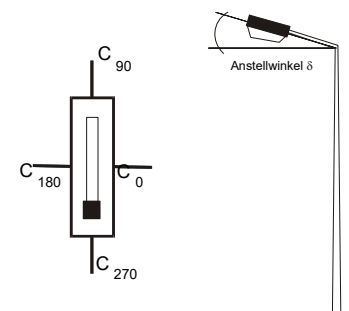
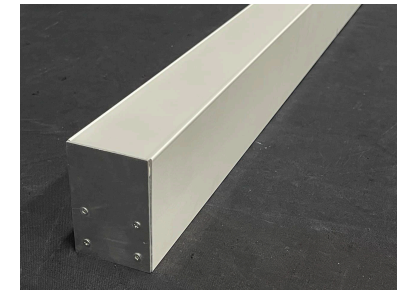
2764 lm

LOR

100 %

tilt angle

0.0 °



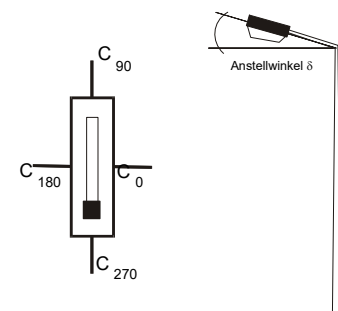
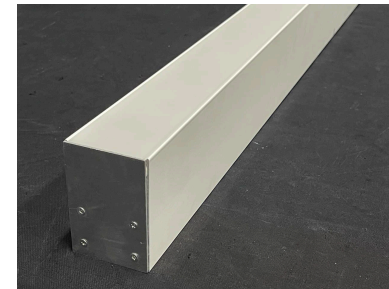
— C0.0-C180.0 — C90.0-C270.0



distance [m]	cone diameter [m]	E [lx]
1.0	2.98	E(0°) 1001 E(C0) 56.1° 280
2.0	5.95	E(0°) 250 E(C0) 56.1° 70
3.0	8.93	E(0°) 111 E(C0) 56.1° 31
4.0	11.91	E(0°) 63 E(C0) 56.1° 17
5.0	14.88	E(0°) 40 E(C0) 56.1° 11

article code
Ecawat Co.

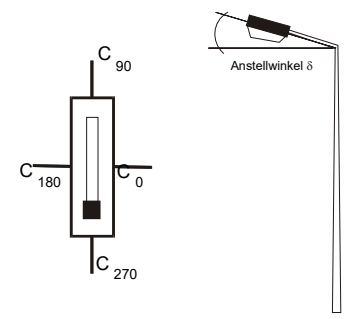
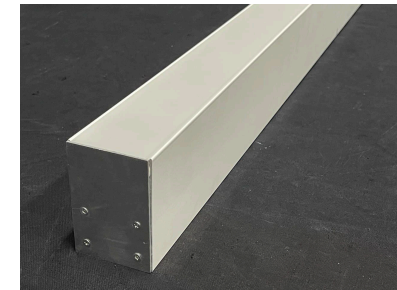
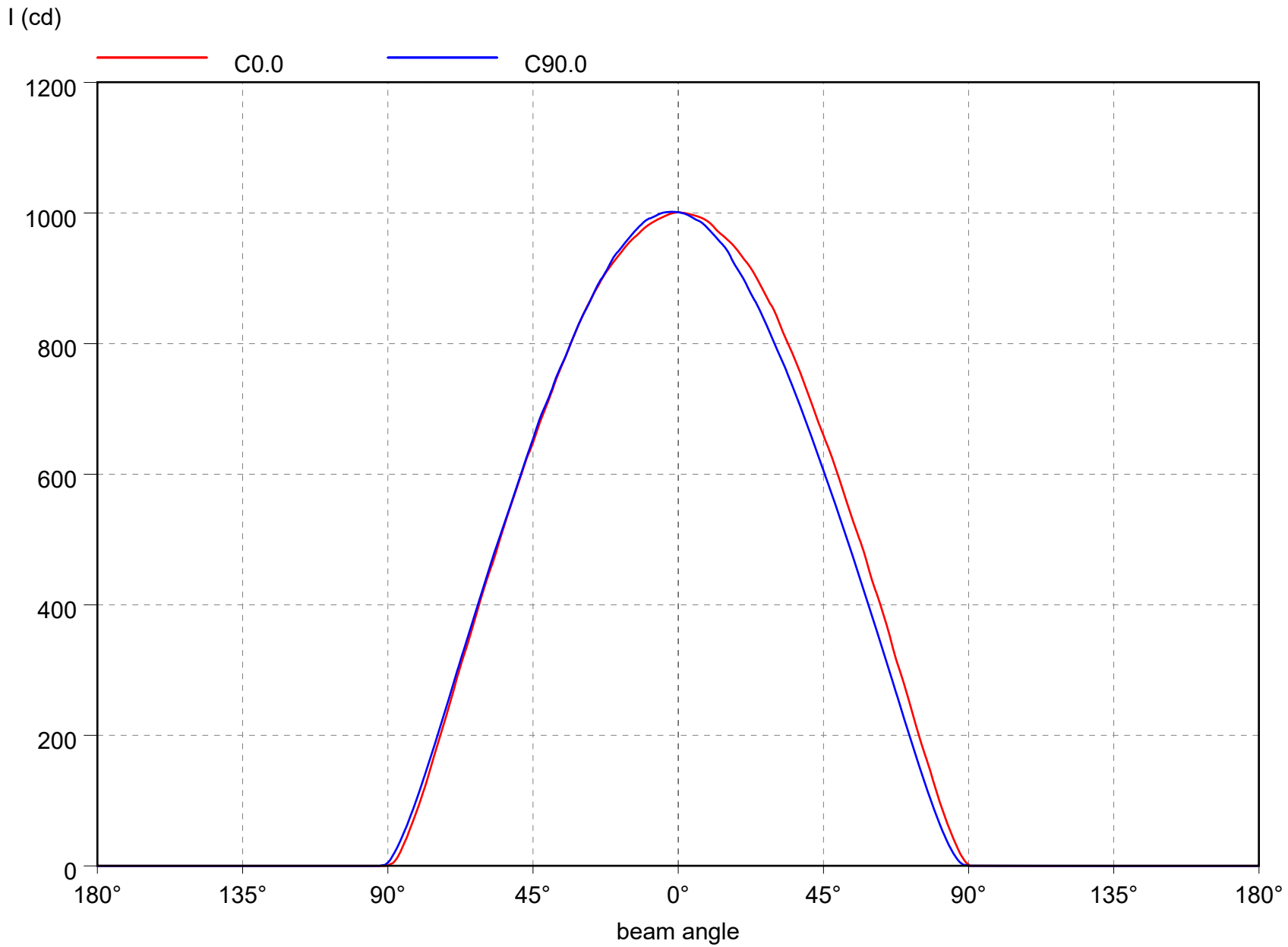
lamp(s)
1 x LED
total flux
2764 lm
LOR
100 %
tilt angle
0.0 °



half value angle 112.2°

article code
Ecowat Co.

lamp(s)
1 x LED
total flux
2764 lm
LOR
100 %
tilt angle
0.0 °



tilt angle : 0.0°
swivel angle : 0.0°

mounting height : 6.00 m
orientation : 0.0°

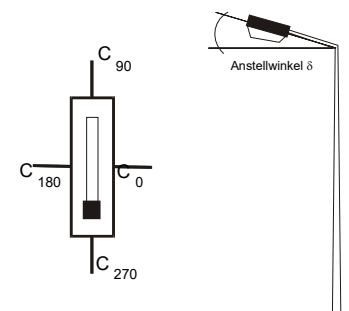
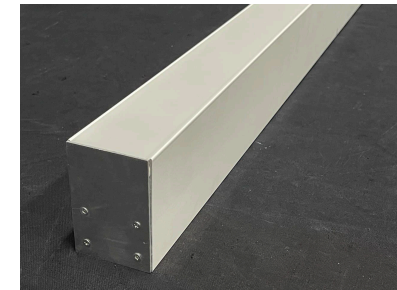
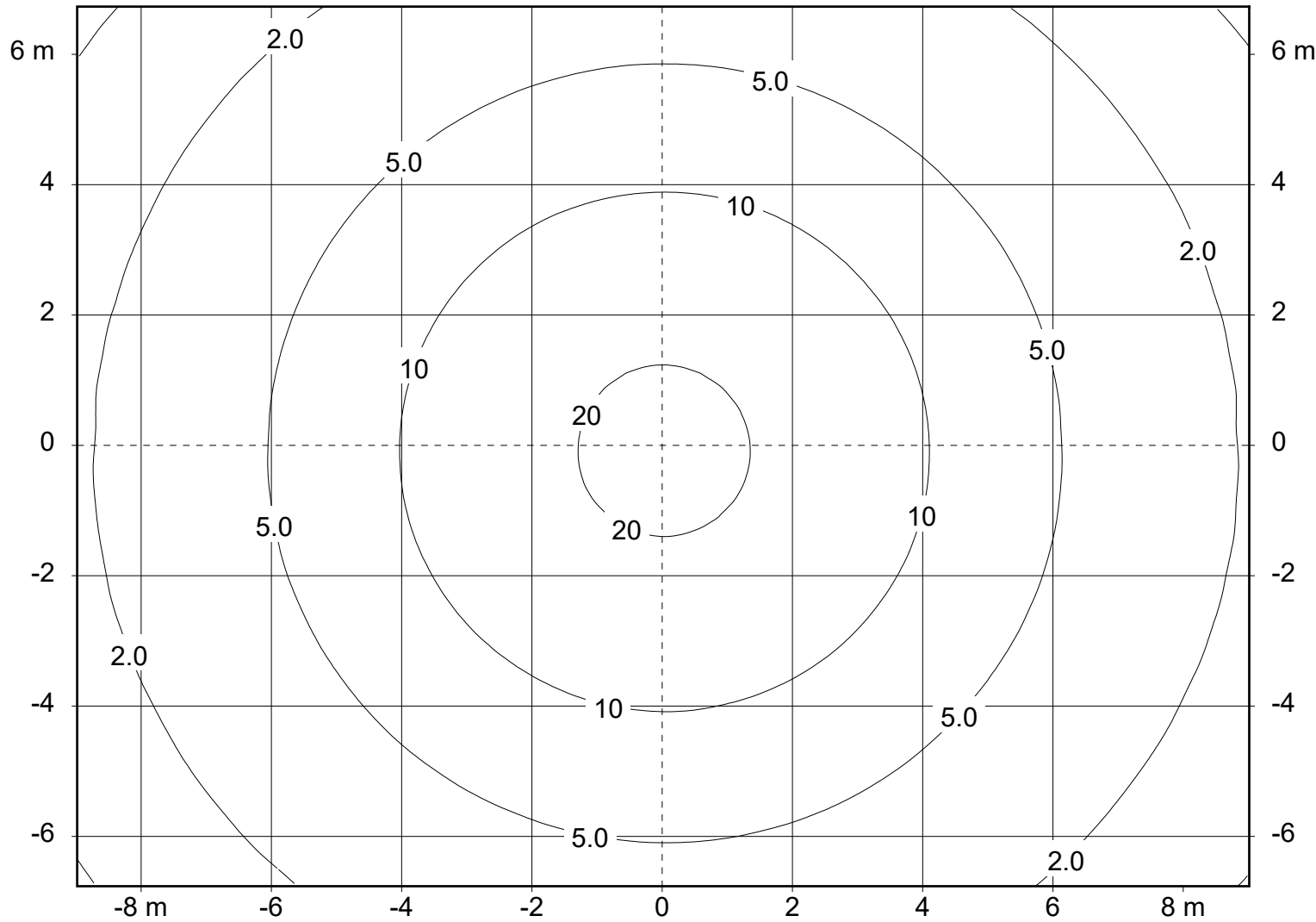
light loss factor : 0.8

article code

Ecowat Co.

lamp(s)

1 x LED
total flux
2764 lm
LOR
100 %
tilt angle
0.0°



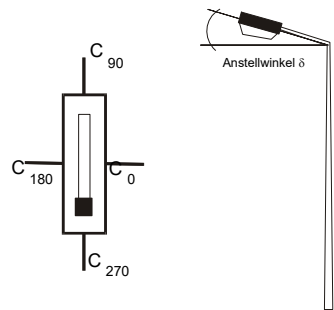
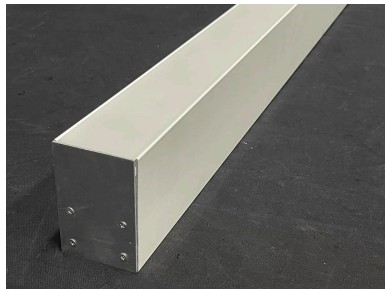
luminaire : LineLight_LED_LN60-SM-4x1-W-NW_36W_4000K

file : LINELIGHT_LED_LN60-SM-4X1-W-NW_36W_4000K

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	362.2	362.2	362.2	362.2	362.2	362.2	362.2	362.2	362.2	362.2	362.2	362.2	362.2	362.2	362.2	362.2	362.2	362.2
2.5	361.6	361.3	361.3	360.9	360.8	361.0	361.1	361.0	360.8	360.9	361.2	361.1	361.3	361.7	362.0	362.1	362.2	362.3
5.0	360.4	359.6	359.7	359.2	359.3	359.0	358.7	358.8	359.3	359.2	359.4	359.2	359.4	360.5	361.2	361.6	361.3	362.0
7.5	358.9	357.9	357.5	356.7	356.3	356.1	356.1	355.6	356.6	356.4	357.0	357.3	357.1	358.0	359.4	359.6	359.7	359.9
10.0	356.0	354.5	354.1	352.8	352.3	351.8	351.7	352.2	352.3	353.1	353.8	354.2	354.1	355.6	356.3	357.1	356.7	356.9
12.5	351.3	350.8	349.4	348.2	347.7	347.5	346.8	347.3	347.6	348.2	348.6	349.7	350.0	351.5	352.3	352.7	352.9	353.3
15.0	347.5	345.8	344.8	343.5	341.8	340.8	341.5	341.5	341.4	343.2	344.2	344.8	345.8	347.1	347.8	347.8	348.6	348.4
17.5	343.0	340.1	338.8	336.9	335.4	333.9	333.3	334.5	335.1	336.0	337.7	339.5	340.5	341.5	342.7	342.5	342.3	342.9
20.0	337.2	334.3	332.2	330.1	328.0	327.5	326.0	326.3	328.4	329.8	330.7	332.2	334.8	335.2	334.7	336.2	336.2	336.6
22.5	331.2	327.1	323.8	321.8	320.5	318.0	317.2	318.3	319.6	321.3	323.7	325.8	328.5	328.6	328.5	328.9	329.2	329.6
25.0	323.5	319.0	316.3	314.0	311.4	309.4	309.0	309.4	311.2	312.9	315.2	317.9	321.0	320.5	320.6	321.1	319.9	320.9
27.5	314.9	311.4	307.3	304.6	302.4	299.6	299.3	299.4	301.8	304.5	305.8	308.9	312.8	311.8	312.8	311.7	312.8	313.0
30.0	306.6	302.4	298.2	295.1	292.2	289.3	288.7	289.8	291.7	295.1	296.2	299.3	303.2	302.6	303.3	303.5	303.0	303.5
32.5	295.7	292.7	288.4	285.2	281.7	280.0	278.8	279.1	282.0	283.9	287.3	289.8	293.3	293.5	294.4	294.3	293.6	292.3
35.0	285.5	281.9	278.3	274.3	271.3	268.9	267.7	267.5	269.7	273.0	276.7	278.9	281.9	283.9	282.7	282.3	282.2	283.0
37.5	274.8	272.7	266.1	263.3	259.5	257.0	256.2	257.0	259.0	261.5	265.3	268.2	271.1	272.7	272.7	272.4	270.9	271.0
40.0	263.2	261.7	256.4	251.9	248.0	245.1	244.4	245.4	246.8	249.8	254.3	257.0	258.9	261.1	262.0	260.7	260.1	259.9
42.5	250.2	249.2	244.8	240.3	235.6	233.2	231.7	232.8	235.0	238.0	241.9	245.8	247.4	250.3	249.5	249.9	248.7	248.1
45.0	238.7	235.9	233.6	228.0	223.6	220.8	219.2	219.8	221.9	225.5	229.5	232.9	234.7	238.1	238.1	236.9	236.3	235.8
47.5	227.2	224.0	219.4	215.4	210.6	207.7	206.4	207.1	209.3	213.2	217.5	219.6	223.2	225.2	224.8	224.5	223.4	223.3
50.0	213.9	211.6	207.1	202.8	198.0	194.4	193.7	194.3	196.4	200.7	203.8	207.3	209.4	211.6	212.7	210.5	211.4	209.5
52.5	200.1	197.2	195.0	188.8	184.0	181.6	180.3	181.1	182.4	186.8	190.2	193.6	196.7	198.6	199.9	198.1	197.8	196.8
55.0	187.1	184.3	179.9	175.2	171.5	167.6	166.4	167.4	169.1	172.2	177.0	179.4	182.3	185.8	184.6	185.7	184.0	183.4
57.5	174.0	170.5	166.1	161.7	157.9	154.3	152.6	153.6	155.4	157.6	162.7	166.2	167.9	170.4	171.1	171.9	169.9	170.0
60.0	158.9	156.1	152.3	147.8	143.6	140.1	139.1	139.4	141.8	144.4	147.1	151.6	155.0	156.3	158.1	157.5	155.9	156.1
62.5	145.6	141.6	138.0	133.6	128.4	126.1	124.7	124.9	127.1	130.1	133.6	136.3	139.9	142.3	142.6	143.1	140.6	141.7
65.0	130.9	127.7	122.6	119.3	114.0	112.0	110.6	110.7	112.6	115.5	119.4	121.8	124.6	126.2	127.8	127.4	127.1	127.2
67.5	114.7	112.0	108.4	103.3	99.4	97.5	96.3	96.5	97.6	99.8	103.1	107.4	110.6	111.5	112.8	111.2	113.7	112.3
70.0	100.7	96.7	92.4	87.8	86.1	82.9	81.7	81.8	83.0	84.9	87.2	91.5	95.0	97.6	97.6	97.8	98.6	98.3
72.5	85.4	82.2	77.6	74.3	71.8	69.1	67.5	67.6	68.6	70.6	74.2	76.1	79.2	80.3	83.3	84.5	82.8	83.7
75.0	69.8	66.9	64.8	60.9	57.0	55.2	53.7	53.7	54.1	57.3	60.3	62.5	65.2	65.3	68.4	68.4	68.6	69.4
77.5	56.1	51.4	49.6	46.0	43.7	41.9	40.4	40.4	41.5	42.7	43.8	46.4	49.5	52.6	51.7	53.2	54.0	55.1
80.0	41.5	37.9	35.1	32.8	31.1	29.1	28.1	27.8	28.9	29.1	30.3	32.4	35.7	36.9	37.7	39.6	41.0	41.5
82.5	27.9	25.3	22.8	21.1	19.1	17.6	17.0	16.5	16.6	17.7	19.3	20.9	23.4	23.2	26.4	27.5	28.0	28.6
85.0	16.4	14.3	12.2	10.7	9.1	8.3	7.8	7.4	7.4	8.1	9.1	10.4	12.1	12.9	14.6	15.6	16.4	17.6

article code
Ecowat Co.

lamp(s)
1 x LED
total flux
2764 lm
LOR
100 %
tilt angle
0.0 °



luminaire : LineLight_LED_LN60-SM-4x1-W-NW_36W_4000K

file : LINELIGHT_LED_LN60-SM-4X1-W-NW_36W_4000K

gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	362.2	362.2	362.2	362.2	362.2	362.2
2.5	362.4	362.7	362.9	363.1	362.6	362.0
5.0	361.8	361.5	361.7	361.5	361.5	361.3
7.5	359.8	360.1	360.3	359.9	359.9	358.7
10.0	357.7	357.3	357.2	357.0	356.8	356.3
12.5	353.5	353.9	354.0	353.5	353.2	352.8
15.0	348.5	348.7	349.0	349.3	348.7	347.6
17.5	342.9	343.0	343.4	343.7	344.0	343.2
20.0	337.3	336.5	337.2	336.7	338.2	337.7
22.5	329.1	329.1	329.2	331.2	330.4	331.0
25.0	321.7	321.1	322.1	323.1	323.1	322.8
27.5	312.3	313.5	313.7	315.4	315.0	315.0
30.0	303.4	303.4	304.7	305.9	306.1	305.8
32.5	293.2	294.7	295.1	296.3	296.9	296.2
35.0	282.1	283.0	285.1	286.2	286.8	286.7
37.5	272.1	273.2	274.6	276.0	276.5	276.6
40.0	260.1	261.4	262.7	264.5	264.6	265.3
42.5	249.6	249.3	250.7	252.4	253.1	253.6
45.0	236.7	237.4	239.2	240.3	242.0	242.5
47.5	223.8	224.7	226.6	227.7	229.1	230.6
50.0	210.2	212.2	213.3	215.1	216.7	216.6
52.5	197.1	199.2	199.9	202.0	202.5	203.7
55.0	184.1	185.2	187.3	187.8	190.2	190.6
57.5	170.7	171.8	174.6	174.5	176.1	176.6
60.0	156.6	157.6	160.6	160.5	161.8	161.7
62.5	142.5	143.7	145.0	147.9	148.1	148.1
65.0	128.0	129.2	130.0	132.5	131.8	132.5
67.5	113.8	115.2	115.4	116.3	116.9	117.0
70.0	99.0	100.2	102.2	102.0	103.0	102.9
72.5	84.4	85.7	87.1	88.9	87.4	86.7
75.0	70.1	71.3	71.2	72.7	73.2	71.3
77.5	56.0	57.1	57.5	56.2	58.0	57.0
80.0	42.5	43.0	43.8	43.3	43.1	41.9
82.5	29.9	30.3	30.5	31.0	29.9	28.6
85.0	18.5	18.6	18.9	19.1	18.4	17.5

article code

Ecowat Co.

lamp(s)

1 x LED

total flux

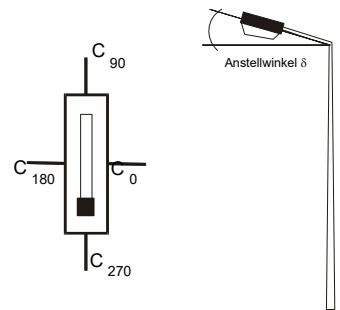
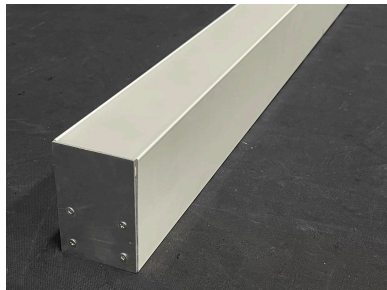
2764 lm

LOR

100 %

tilt angle

0.0 °

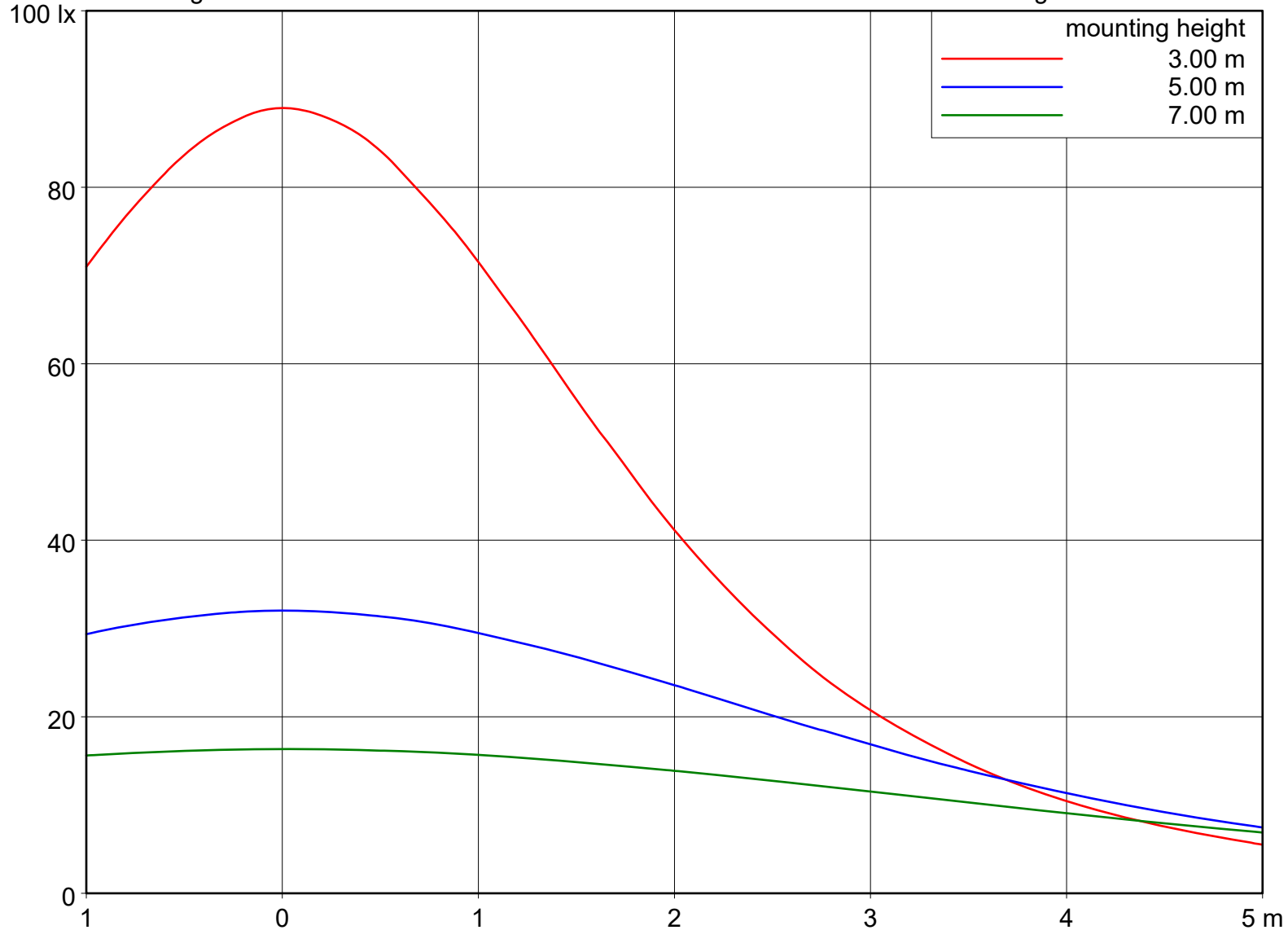


tilt angle : 0.0 °

swivel angle : 0.0 °

orientation : 0.0 °

light loss factor : 0.8



article code

Ecowat Co.

lamp(s)

1 x LED

total flux

2764 lm

LOR

100 %

tilt angle

0.0 °

