

meas. no. 01L1586
meas. date 6/26/2022
operator LightLab.

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 1.140 A
power consumption 192.1 W
Leistungsfaktor 0.659

meas. lamps lum. flux [lm]
absolute measurement 21123.6 lm
luminous efficacy 110 lm/w

dimensions of luminaire
diameter 500 mm
height 300 mm

dimensions of luminous area
diameter 200 mm
height C0 140 mm
height C90 140 mm
height C180 140 mm
height C270 140 mm

reflector

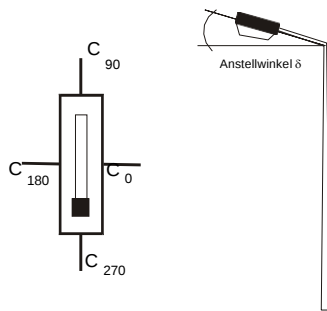
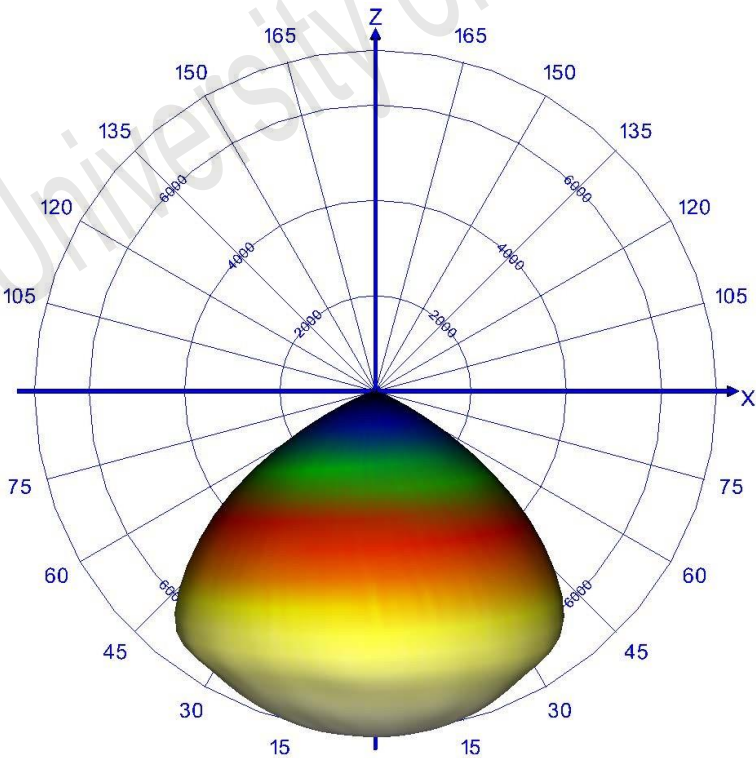
cover

variant

measurement results
flux of luminaire 21123.6 lm
classification / DIN A50
lower flux fraction 100.00 %
upper flux fraction 0.00 %
intensity maximum 7146.9 cd
in C-plane 167.5 °
at gamma 7.5 °
half value angle C0 : 52.8 °
C90 : 53.9 °
C180 : 55.2 °
C270 : 54.1 °
tenth value angle C0 : 65.6 °
C90 : 66.3 °
C180 : 67.7 °
C270 : 66.5 °

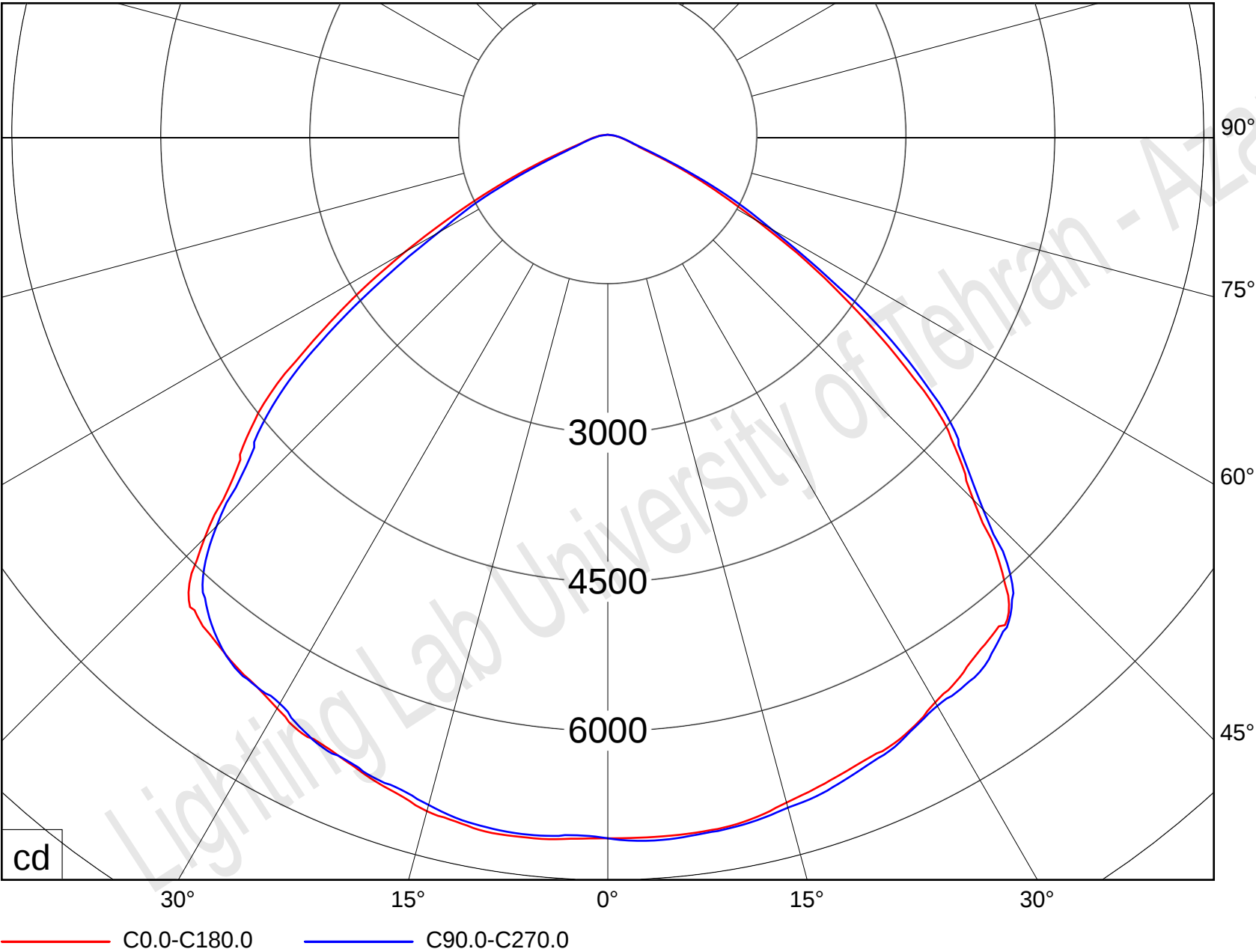
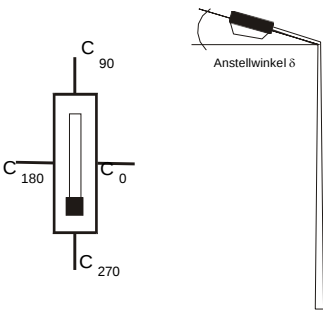
article code
Azar Teyf Co.
lamp(s)
1 x LED
total flux
21124 lm
LOR
100 %
tilt angle
0.0 °

remarks



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

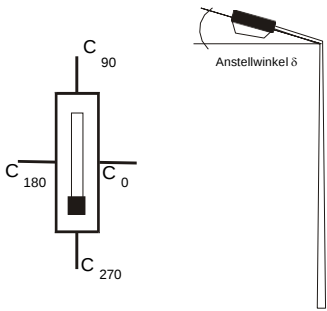


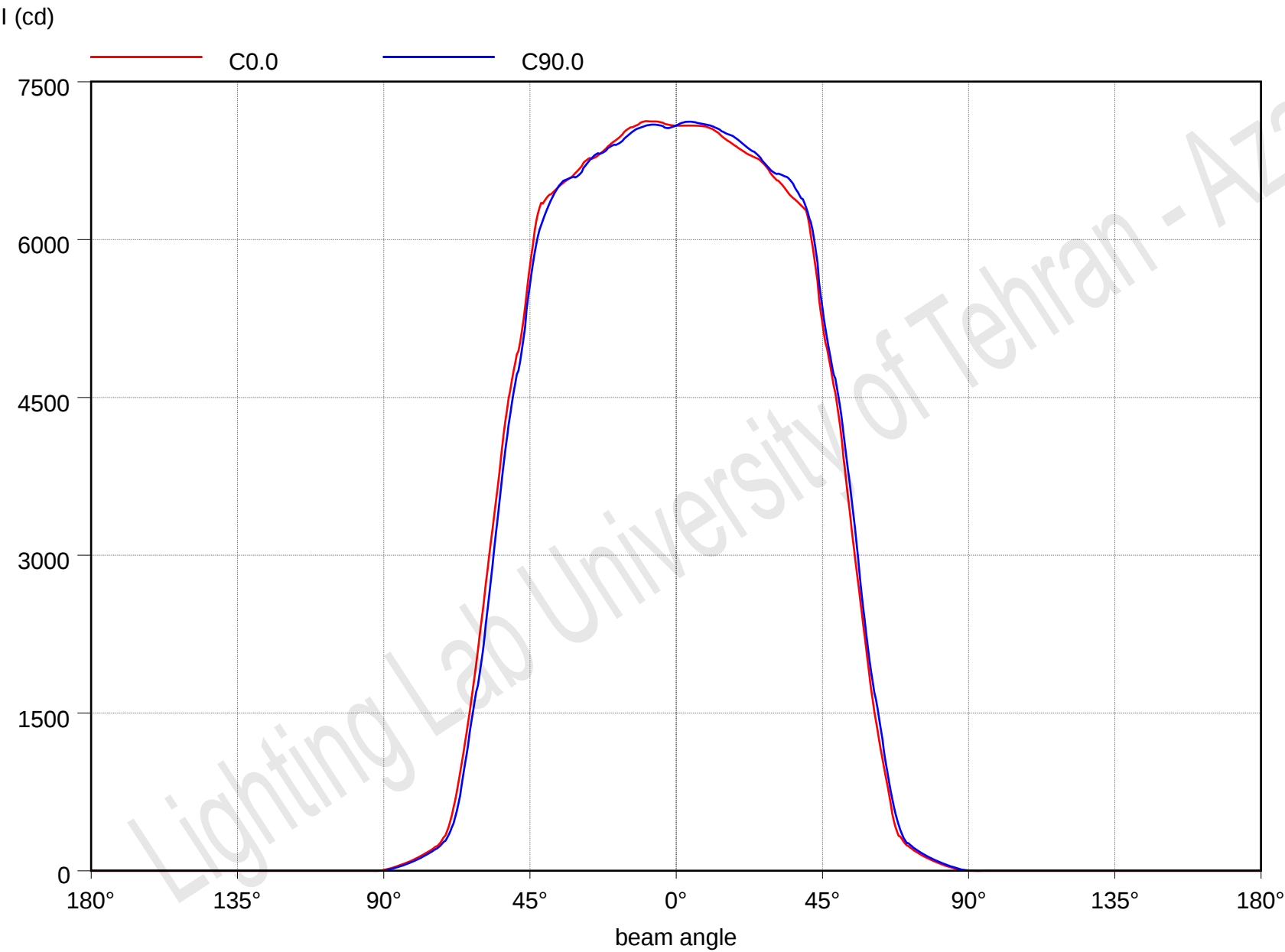
distance [m]	cone diameter [m]	E [lx]	
2.0	5.27	E(0°) E(C0) 52.8°	1771 542
4.0	10.54	E(0°) E(C0) 52.8°	443 136
6.0	15.81	E(0°) E(C0) 52.8°	197 60
8.0	21.08	E(0°) E(C0) 52.8°	111 34
10.0	26.35	E(0°) E(C0) 52.8°	71 22

half value angle 105.6°

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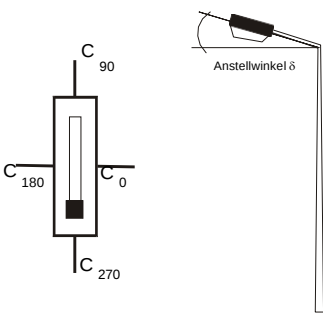
lamp(s)
1 x LED
total flux
21124 lm
LOR
100 %
tilt angle
0.0 °





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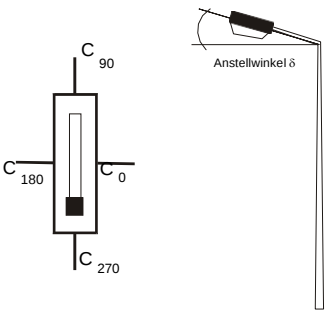
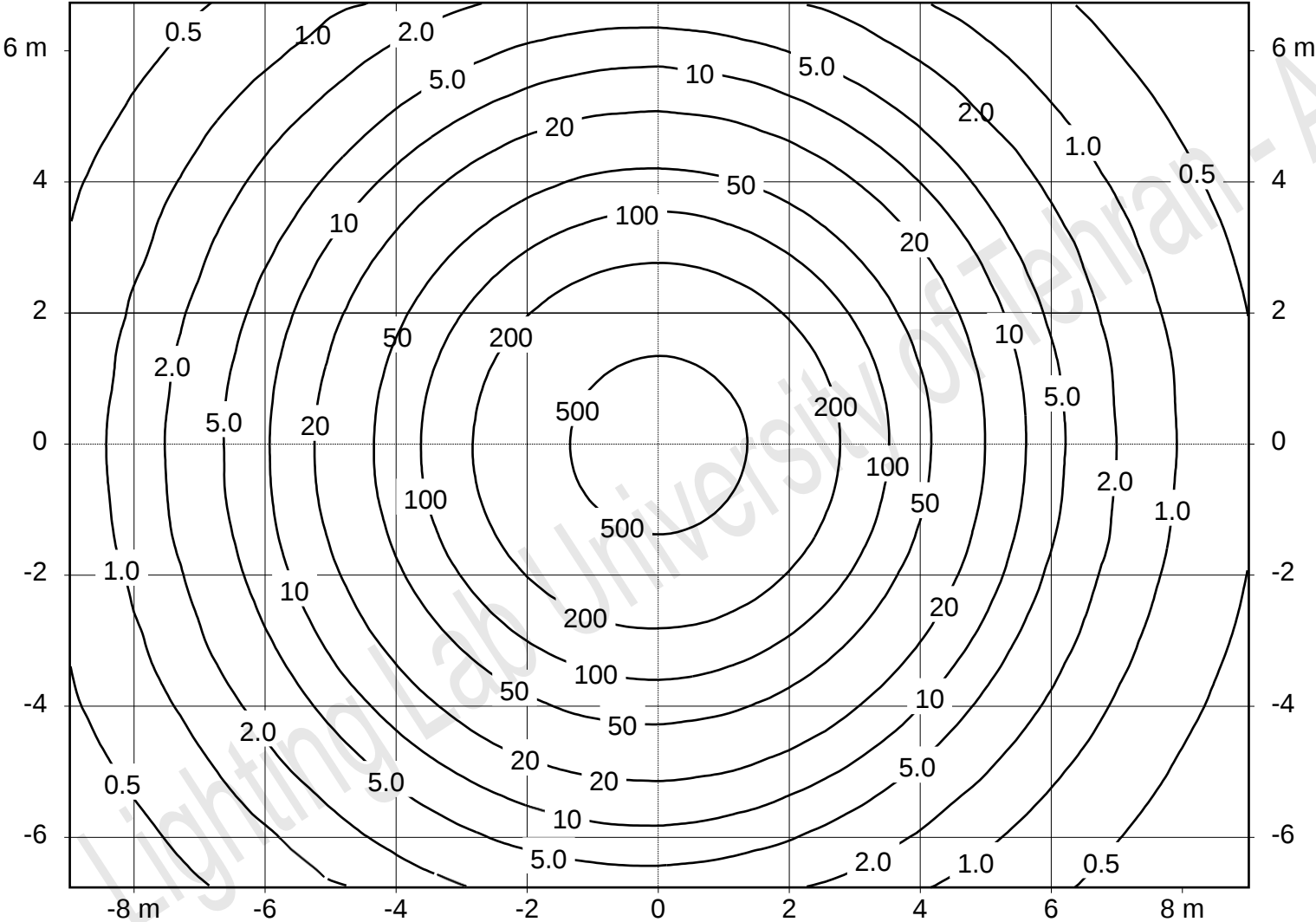
lamp(s)
1 x LED
total flux
21124 lm
LOR
100 %
tilt angle
0.0 °



tilt angle : 0.0 °
swivel angle : 0.0 °
mounting height : 2.80 m
orientation : 0.0 °
light loss factor : 0.8

article code
Azar Teyf Co.

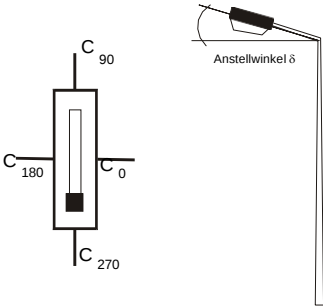
lamp(s)
1 x LED
total flux
21124 lm
LOR
100 %
tilt angle
0.0 °



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	387.3	387.3	387.3	387.3	387.3	387.3	387.3	387.3	387.3	387.3	387.3	387.3	387.3	387.3	387.3	387.3	387.3	387.3
2.5	387.4	387.5	387.6	388.4	389.0	388.9	389.1	389.3	389.1	388.8	388.8	388.4	387.9	387.6	387.1	386.8	386.5	386.1
5.0	387.4	387.8	388.3	388.7	389.4	389.1	389.3	390.4	389.4	389.8	389.5	390.0	389.2	388.4	388.1	387.4	387.1	386.9
7.5	387.2	388.3	388.5	388.7	388.4	388.9	388.4	389.3	389.3	389.4	389.8	390.6	389.6	388.9	388.9	387.8	387.1	387.1
10.0	386.5	387.5	387.4	387.3	387.3	387.7	387.6	387.7	387.8	388.3	389.4	388.8	389.4	388.8	387.8	387.4	386.5	386.6
12.5	384.2	386.0	385.7	385.3	384.8	385.3	386.0	385.2	385.9	386.1	386.7	387.3	387.3	387.5	387.5	385.8	385.4	385.3
15.0	380.6	384.2	383.7	382.6	381.6	383.7	383.6	383.5	382.2	383.4	384.8	384.9	385.4	384.6	384.2	383.5	381.6	381.6
17.5	377.7	381.5	381.1	379.1	378.5	380.6	381.9	380.5	379.8	381.6	382.4	382.0	381.2	381.9	382.1	379.9	379.0	378.6
20.0	374.8	378.5	377.9	375.9	375.9	377.7	378.6	377.9	378.0	379.1	379.1	379.3	377.9	378.5	378.7	376.8	374.9	376.1
22.5	372.2	374.2	374.0	371.9	372.5	373.0	375.2	374.9	374.1	376.2	376.3	376.0	374.0	376.0	375.0	372.3	372.2	374.0
25.0	370.5	371.9	370.2	369.3	369.8	370.2	372.3	370.0	372.1	372.9	373.7	372.4	370.8	374.0	372.7	370.8	370.7	371.6
27.5	366.5	368.5	364.4	364.6	365.4	366.9	367.2	366.4	367.6	369.5	369.7	369.0	369.5	371.1	369.9	369.6	367.9	367.8
30.0	360.7	363.6	361.2	360.4	360.3	361.5	363.0	362.4	363.8	364.5	364.2	365.1	364.4	367.2	366.2	365.1	365.3	362.1
32.5	356.9	361.3	360.2	357.9	357.2	359.6	361.7	361.2	361.6	361.2	362.4	363.1	360.1	362.4	360.6	361.5	359.8	357.8
35.0	351.4	358.0	357.3	356.3	353.5	357.0	359.2	358.9	357.7	359.3	361.7	361.0	357.2	359.8	359.6	356.7	354.4	355.7
37.5	347.5	352.3	352.7	350.7	347.2	349.5	352.5	352.2	351.3	355.1	355.4	355.6	353.2	356.1	356.9	355.3	351.7	353.0
40.0	343.3	341.3	345.2	341.9	344.6	345.0	344.9	348.9	348.1	348.9	347.8	349.9	349.5	350.8	350.6	346.8	345.4	349.6
42.5	319.0	324.1	325.4	320.7	323.6	326.3	328.0	329.6	332.2	334.3	338.5	339.1	341.7	341.9	342.1	342.8	337.9	336.8
45.0	284.8	285.0	284.6	283.9	285.8	288.3	292.8	290.8	296.8	304.1	310.8	310.3	313.9	317.4	319.0	316.8	308.4	306.9
47.5	262.0	260.6	261.0	260.4	261.6	264.0	266.9	268.3	271.7	270.7	275.9	277.6	279.9	282.9	282.5	279.6	276.5	272.0
50.0	237.1	238.1	238.1	239.2	240.9	243.7	246.1	247.9	253.2	253.4	255.9	256.6	259.7	259.7	259.0	257.6	254.7	249.9
52.5	200.7	204.6	205.6	206.0	205.4	211.2	214.3	217.7	220.9	226.9	231.3	231.2	234.3	233.8	232.9	228.7	227.3	222.6
55.0	163.9	167.0	167.7	168.6	169.0	173.7	178.8	182.9	184.3	191.7	197.2	199.4	198.1	201.6	201.6	197.1	189.0	188.2
57.5	129.5	128.5	127.3	132.4	135.2	134.5	137.8	145.0	149.9	153.5	158.7	162.1	163.7	164.5	164.1	161.1	155.6	149.8
60.0	94.9	96.9	98.9	99.4	100.9	102.8	103.9	110.1	115.4	116.9	118.0	124.2	128.4	127.2	122.5	123.7	120.6	114.6
62.5	67.8	70.2	72.1	70.6	70.3	75.7	79.0	80.3	82.4	86.1	91.9	90.4	94.8	94.7	94.9	90.1	88.4	85.2
65.0	44.6	44.0	44.5	47.3	47.9	49.3	51.4	55.4	57.7	60.3	62.2	64.4	66.2	67.6	67.6	65.0	61.2	58.4
67.5	23.0	23.3	23.9	24.7	25.9	28.2	30.0	32.6	35.0	36.3	37.5	39.5	40.9	42.0	40.9	39.3	38.5	34.6
70.0	15.3	15.4	15.6	15.9	16.0	16.6	17.1	17.8	18.2	19.5	21.8	22.2	22.8	22.1	21.9	20.9	20.0	19.2
72.5	11.5	11.6	11.6	11.8	12.0	12.2	12.8	13.1	13.4	14.1	14.5	14.7	14.8	14.6	14.4	14.1	13.6	13.5

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
21124 lm
LOR
100 %
tilt angle
0.0 °

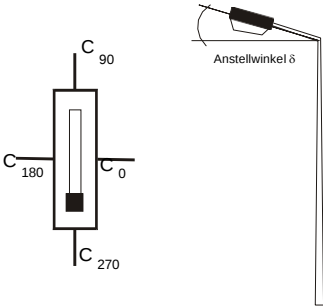


file : HIGHBAYLIGHT_LED_200W_6500K

gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	387.3	387.3	387.3	387.3	387.3	387.3
2.5	386.0	386.2	386.4	386.5	386.4	386.6
5.0	387.4	387.6	387.5	387.2	386.5	386.8
7.5	387.8	387.8	387.5	387.4	386.7	386.8
10.0	387.0	386.7	386.6	386.5	386.4	384.8
12.5	385.3	384.4	384.0	384.6	384.1	382.9
15.0	381.9	381.8	381.5	382.4	381.7	380.1
17.5	378.1	378.1	377.2	378.5	379.3	376.8
20.0	376.6	374.7	374.1	376.2	376.3	374.2
22.5	373.3	372.2	372.3	372.9	373.2	371.9
25.0	372.0	371.9	371.2	369.8	369.6	365.8
27.5	367.4	366.2	369.1	365.8	362.7	361.7
30.0	361.4	362.8	362.4	361.1	358.5	356.7
32.5	360.1	359.4	357.5	356.2	355.9	353.1
35.0	358.1	355.9	353.5	353.0	351.6	350.8
37.5	351.9	348.1	346.7	347.2	345.7	345.0
40.0	342.6	342.3	341.8	341.0	339.8	342.6
42.5	329.8	328.5	322.9	319.6	319.8	318.3
45.0	304.5	296.9	287.0	285.1	283.5	281.7
47.5	270.1	265.3	265.7	261.6	258.9	260.4
50.0	248.4	245.2	240.5	238.1	234.0	233.2
52.5	219.3	210.4	205.2	204.7	203.0	200.7
55.0	182.0	175.4	169.1	165.0	163.5	163.6
57.5	143.1	139.3	136.2	128.3	123.5	125.9
60.0	107.6	105.0	102.2	97.8	95.9	94.8
62.5	82.6	77.3	72.8	70.2	70.2	67.9
65.0	54.8	52.3	48.7	44.5	42.7	42.9
67.5	30.8	28.6	25.8	25.9	24.7	23.2
70.0	18.5	17.1	16.0	15.9	15.5	15.2
72.5	13.1	12.8	12.3	11.9	11.6	11.5

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
21124 lm
LOR
100 %
tilt angle
0.0 °

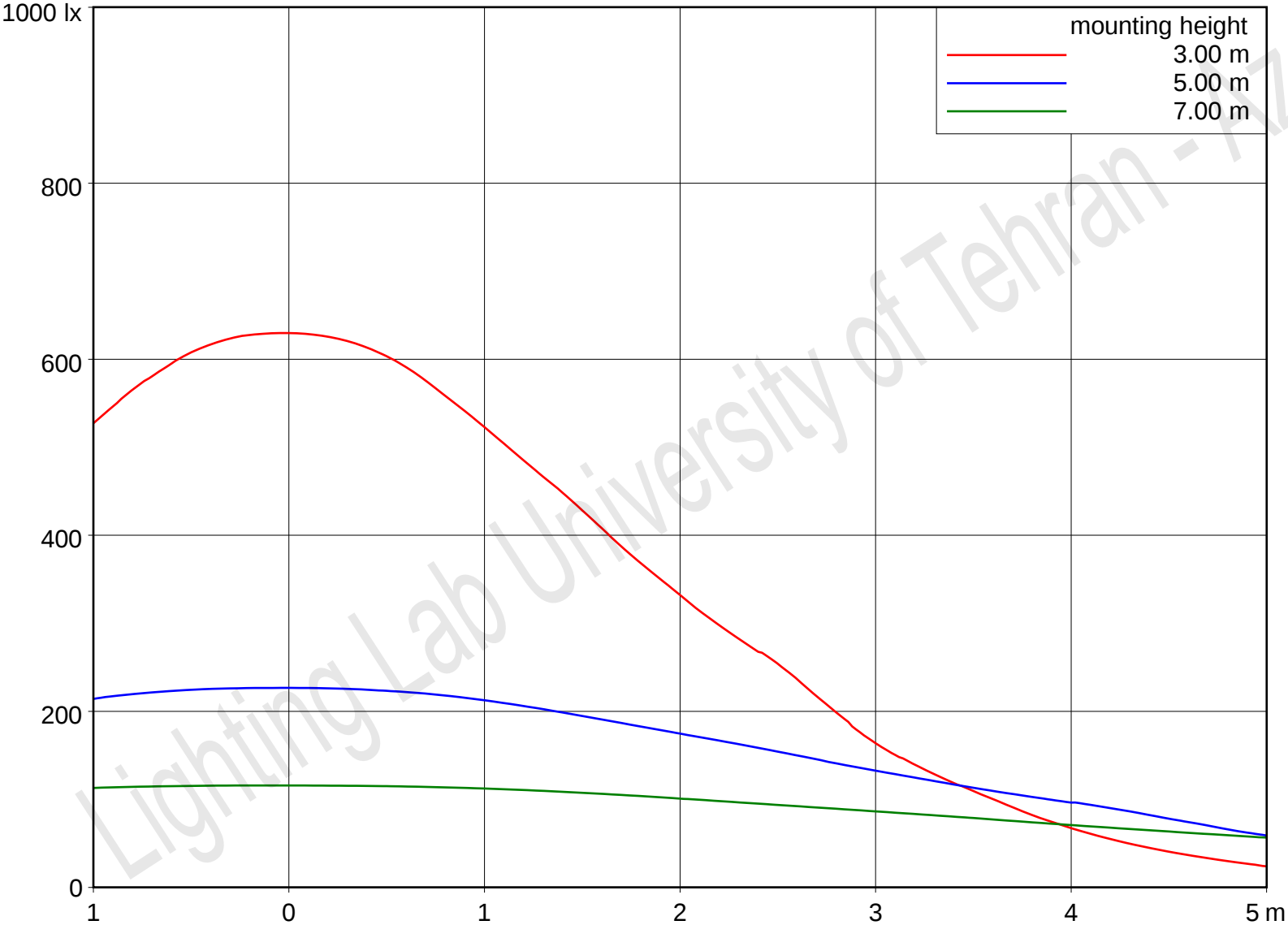


tilt angle : 0.0 °

swivel angle : 0.0 °

orientation : 0.0 °

light loss factor : 0.8



article code
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