

meas. no. 01L1546
meas. date 4/18/2022
operator LightLab.

meas. conditions
ambient temperature 25.0 °C
voltage 230.00 V
current 0.947 A
power consumption 145.1 W
Leistungsfaktor 0.664

meas. lamps lum. flux [lm]
absolute measurement 15310.6 lm
luminous efficacy 105 lm/w

dimensions of luminaire
length 345 mm
width 310 mm
height 80 mm

dimensions of luminous area
length 200 mm
width 260 mm
height C0 55 mm
height C90 55 mm
height C180 55 mm
height C270 55 mm

reflector

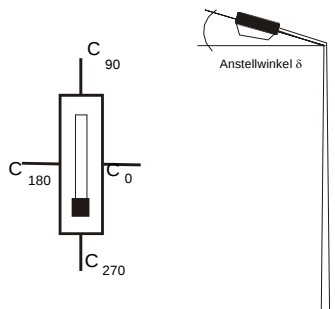
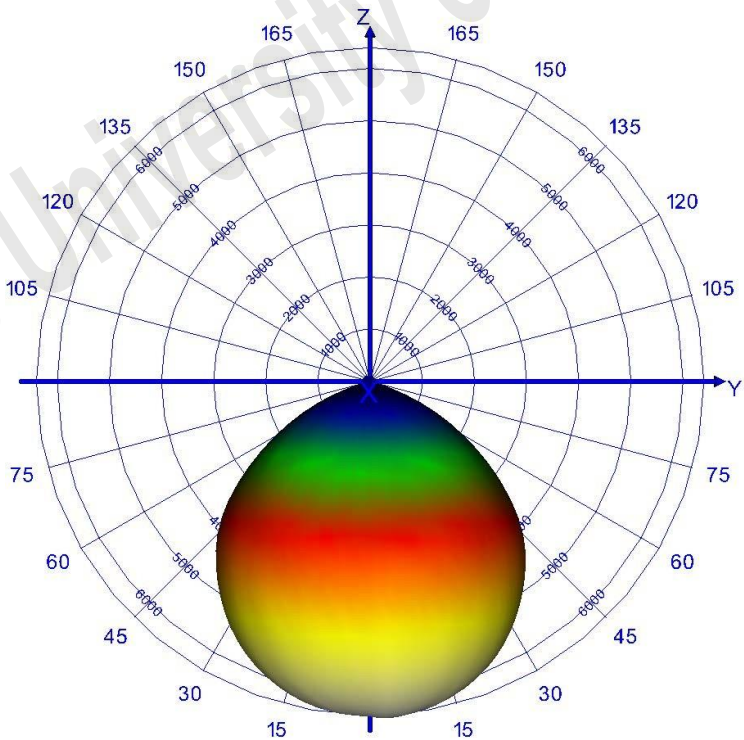
cover

variant

measurement results
flux of luminaire 15310.6 lm
classification / DIN A50
lower flux fraction 100.00 %
upper flux fraction 0.00 %
intensity maximum 6398.2 cd
in C-plane 220.0 °
at gamma 5.0 °
half value angle C0 : 52.4 °
C90 : 49.2 °
C180 : 52.1 °
C270 : 52.3 °
tenth value angle C0 : 71.3 °
C90 : 66.6 °
C180 : 70.5 °
C270 : 70.1 °

article code
Azar Teyf Co.
lamp(s)
1 x LED
total flux
15311 lm
LOR
100 %
tilt angle
0.0 °

remarks

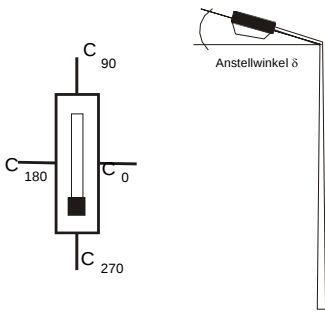
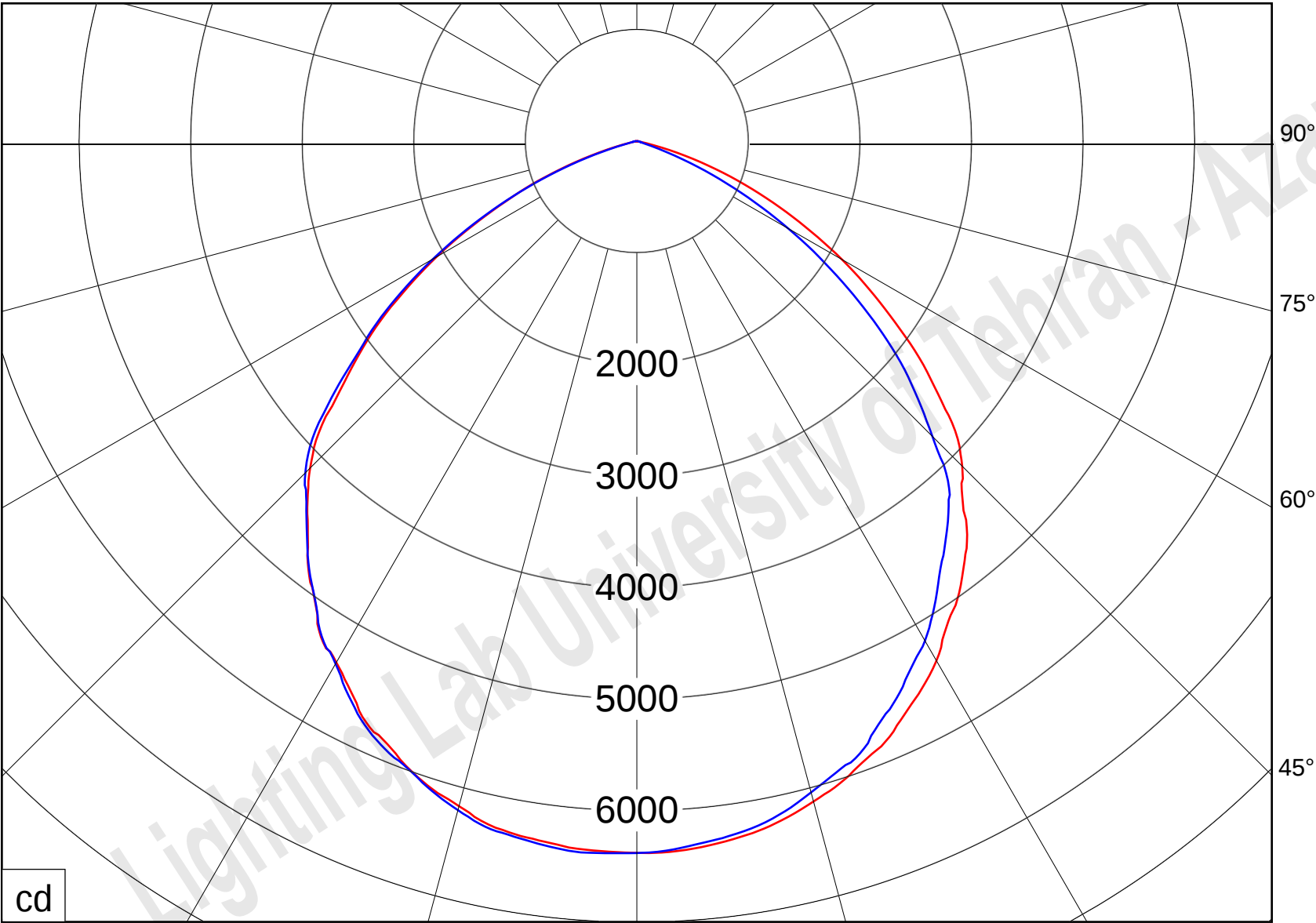


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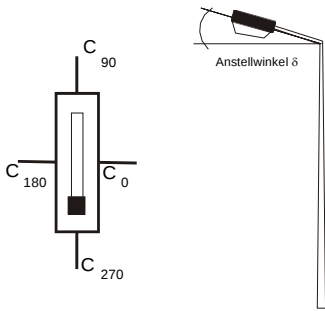
— C180.0 — C90.0-C270.0

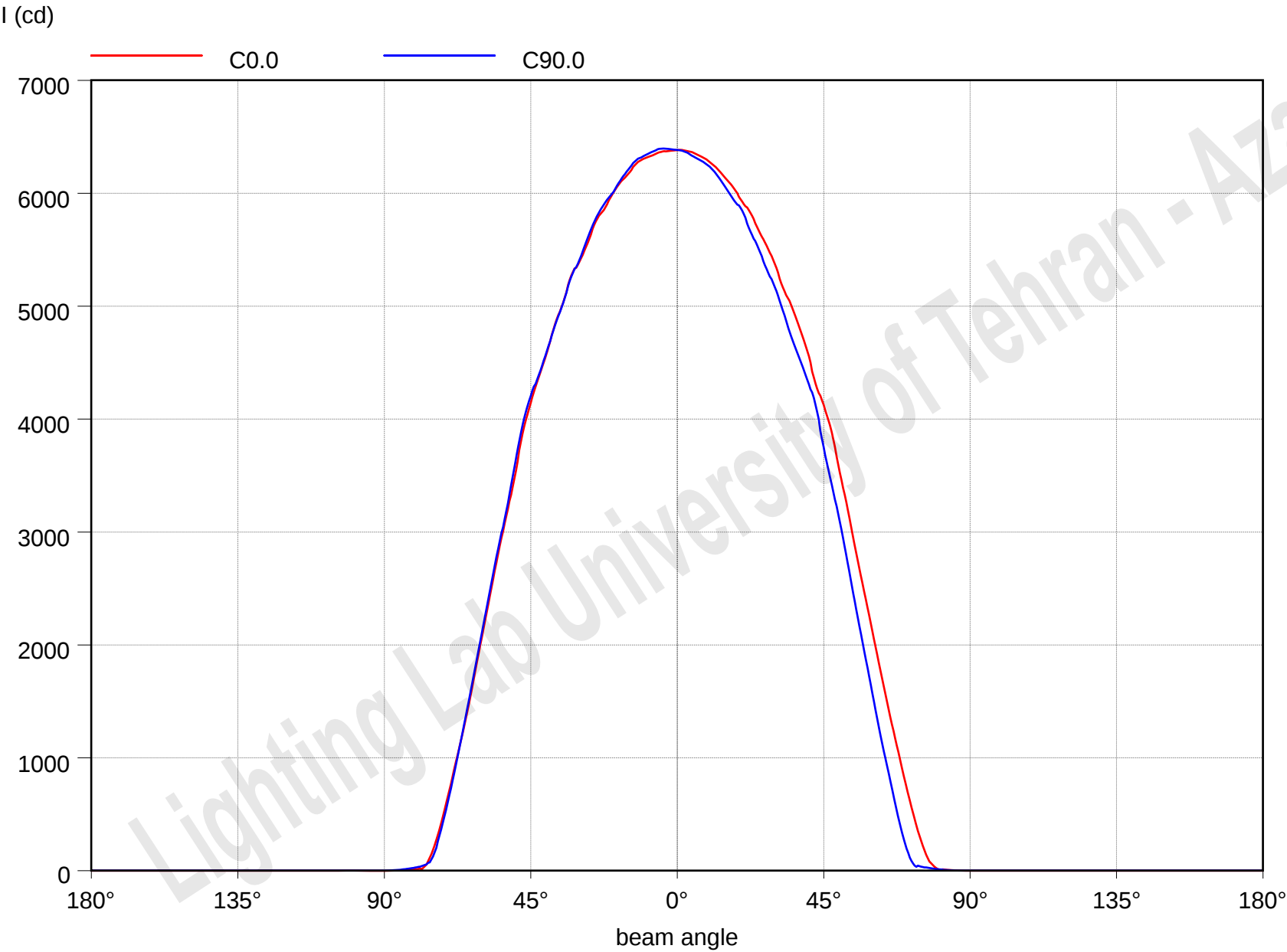
distance [m]	cone diameter [m]	E [lx]	
2.0	5.19	E(0°) E(C0) 52.4°	1596 489
4.0	10.39	E(0°) E(C0) 52.4°	399 122
6.0	15.58	E(0°) E(C0) 52.4°	177 54
8.0	20.78	E(0°) E(C0) 52.4°	100 31
10.0	25.97	E(0°) E(C0) 52.4°	64 20

half value angle 104.8°

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0.0 °



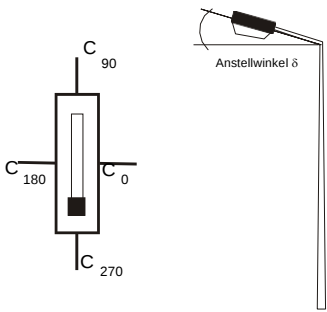


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total flux
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tilt angle
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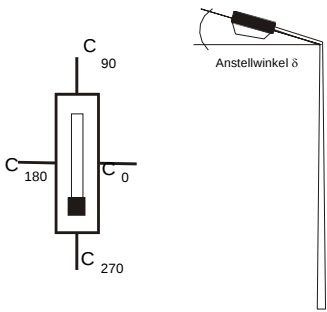
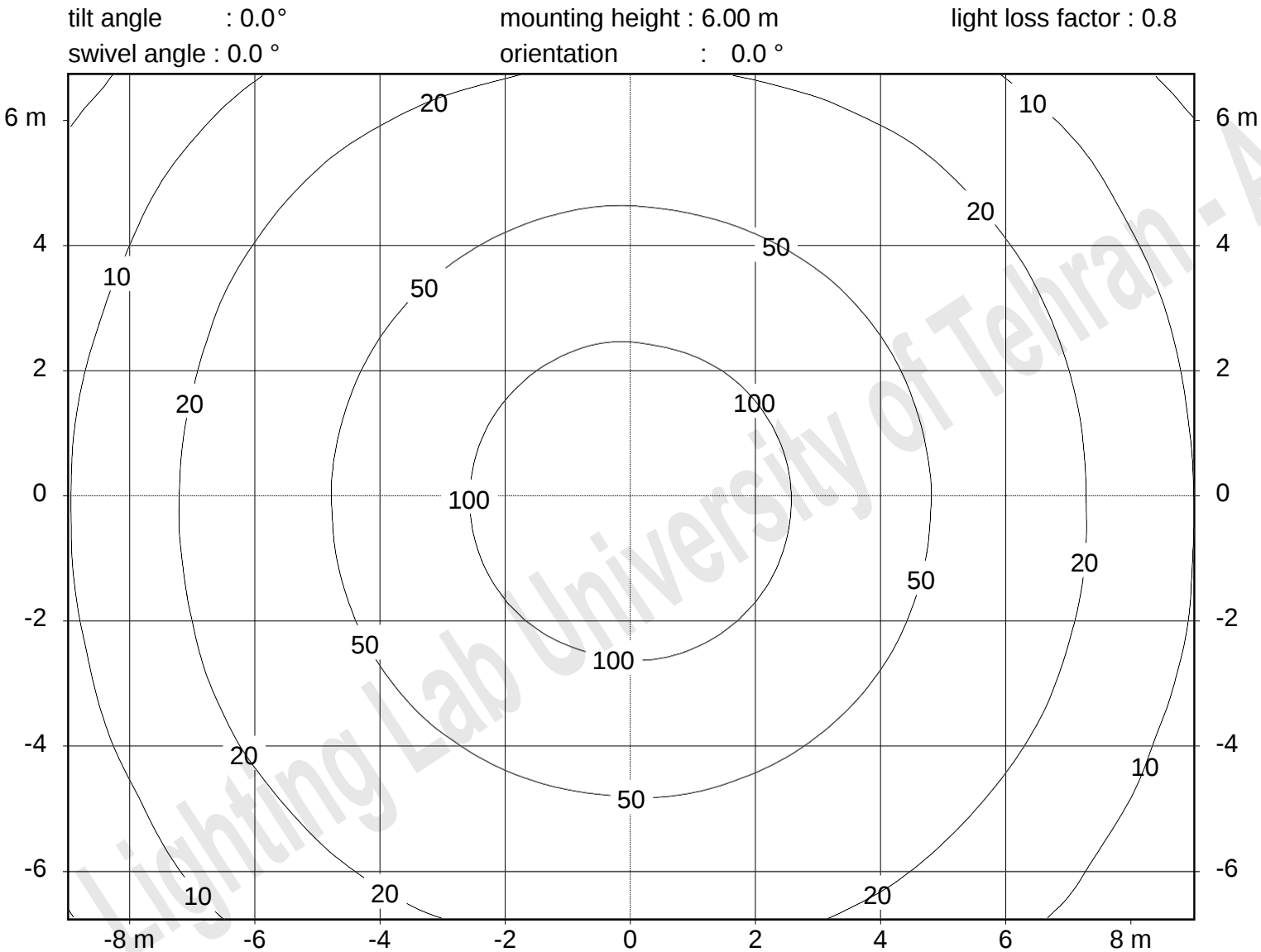


article code

Azar Teyf Co.

lamp(s)

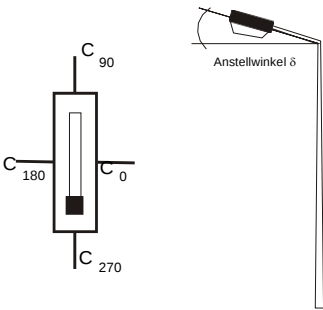
1 x LED
total flux
15311 lm
LOR
100 %
tilt angle
0.0 °



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	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9
2.5	416.7	416.5	416.1	415.6	415.4	415.5	415.8	416.2	416.5	416.6	416.6	416.5	416.4	416.2	416.3	416.5	416.8	417.3
5.0	415.4	414.4	414.1	414.0	413.4	413.5	413.1	415.1	416.5	416.3	416.3	416.1	415.8	415.0	414.3	415.1	416.0	416.8
7.5	413.0	411.8	411.7	411.3	410.5	409.8	410.6	413.4	414.1	414.7	414.5	414.6	413.9	413.8	414.5	413.5	412.7	414.3
10.0	410.2	409.3	407.8	407.0	405.8	405.5	407.2	409.6	410.7	410.3	411.4	411.2	412.1	411.2	411.1	410.7	410.6	411.7
12.5	405.8	405.0	402.9	401.8	399.9	400.3	401.9	405.5	405.2	406.0	407.2	408.0	409.2	408.1	407.8	408.3	408.2	407.5
15.0	400.3	399.8	398.4	396.3	394.7	394.0	394.8	398.9	399.6	400.4	402.3	402.9	403.1	404.0	403.6	404.2	403.3	402.5
17.5	394.6	393.5	391.9	389.9	388.0	386.6	387.8	391.9	393.2	393.7	395.5	397.8	398.1	398.4	399.0	398.5	397.5	396.1
20.0	387.1	385.9	383.4	382.8	380.2	377.3	381.7	384.6	385.1	386.3	388.4	390.1	391.0	392.0	392.9	392.2	390.8	390.1
22.5	380.7	378.0	375.7	374.3	370.9	369.3	369.8	375.0	376.2	378.7	380.3	381.9	382.2	385.0	385.5	385.1	384.1	382.4
25.0	370.6	369.4	367.9	364.2	361.6	359.0	360.0	364.7	365.8	368.4	371.0	373.2	375.5	375.8	376.7	377.0	374.9	373.3
27.5	361.5	359.4	356.4	354.7	350.0	347.0	348.0	352.7	354.3	357.9	361.0	363.9	363.1	367.3	367.8	368.1	366.3	363.1
30.0	351.1	347.6	346.8	344.0	338.3	334.6	337.6	340.9	343.3	347.3	349.7	352.1	352.3	356.0	357.6	357.4	355.3	352.4
32.5	337.5	337.4	335.0	330.5	327.1	322.0	324.0	327.4	330.8	333.8	338.3	339.8	344.3	344.6	346.8	346.0	344.2	340.8
35.0	327.4	324.7	322.0	318.4	312.1	308.2	309.3	313.5	318.1	321.7	325.3	326.0	328.8	332.2	333.1	333.5	331.2	326.7
37.5	314.5	310.3	309.2	304.9	298.5	295.5	296.8	299.8	303.1	306.7	312.0	313.3	316.0	316.6	319.0	320.8	317.8	315.0
40.0	300.9	296.2	294.4	289.9	284.5	282.7	284.0	287.1	287.3	292.8	296.0	298.8	299.9	302.5	306.3	305.8	303.1	299.7
42.5	282.0	281.3	279.7	274.5	271.1	269.8	269.7	274.3	274.6	276.4	280.1	283.2	285.6	288.2	290.2	291.0	287.8	286.5
45.0	269.4	266.4	263.7	259.4	257.4	250.6	244.9	252.7	260.0	259.8	265.0	269.0	270.6	273.3	275.7	273.7	274.2	273.7
47.5	253.6	251.5	248.1	242.9	240.7	225.5	223.3	230.8	241.8	245.0	249.7	251.0	252.7	258.2	260.0	258.9	259.9	259.7
50.0	230.3	232.6	232.1	227.6	213.6	199.6	201.8	204.9	217.8	229.1	231.7	225.6	226.7	233.0	243.1	243.1	244.7	233.9
52.5	208.5	207.6	212.6	210.4	189.7	175.3	177.1	179.1	192.1	208.9	208.9	206.6	205.1	214.1	223.2	227.4	223.4	212.4
55.0	184.0	183.9	188.4	186.1	168.2	152.1	151.6	155.4	168.1	186.0	184.8	181.9	183.3	188.6	199.5	210.4	199.6	190.5
57.5	161.2	163.1	163.9	158.6	143.7	128.0	126.8	130.1	143.0	158.0	161.8	157.5	159.1	163.5	174.3	187.3	174.7	165.4
60.0	138.7	140.1	141.8	130.2	118.7	104.6	102.7	106.8	117.8	129.0	138.2	133.4	135.2	139.8	152.1	157.8	148.7	140.5
62.5	115.5	115.6	115.2	102.9	93.5	81.4	77.9	82.5	93.4	101.8	111.8	110.8	111.0	117.2	129.1	127.7	124.0	115.1
65.0	93.3	92.5	88.4	78.5	69.4	59.0	56.3	59.3	68.0	74.9	85.0	88.7	87.0	95.6	103.8	100.6	99.3	89.8
67.5	72.5	71.4	65.4	56.1	46.4	37.7	34.8	37.9	44.8	51.8	60.7	65.8	66.9	73.6	78.2	75.7	74.2	67.0
70.0	52.1	50.8	44.7	35.8	26.8	18.1	15.7	18.3	24.6	32.4	39.2	44.8	46.3	52.6	55.2	53.2	50.5	44.3
72.5	33.2	32.3	26.6	19.8	11.5	5.9	4.1	5.3	9.8	16.5	21.7	26.8	27.5	33.9	35.3	32.7	28.7	25.3
75.0	17.1	16.0	12.5	7.9	2.7	2.4	2.3	2.6	2.4	6.0	8.8	11.4	12.1	16.8	18.6	17.0	12.5	9.2

article code
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lamp(s)
1 x LED
total flux
15311 lm
LOR
100 %
tilt angle
0.0 °

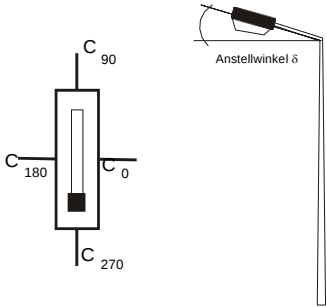


file : FLOODLIGHT_LED_150W_6000K

gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	416.9	416.9	416.9	416.9	416.9	416.9
2.5	417.4	417.3	417.1	417.0	417.0	416.9
5.0	417.7	417.5	417.6	417.7	415.9	415.1
7.5	415.9	416.8	415.9	414.7	413.5	413.3
10.0	413.6	414.9	413.0	412.2	411.4	410.4
12.5	411.2	411.4	409.9	408.5	407.4	406.3
15.0	405.5	406.5	405.4	403.4	402.9	401.6
17.5	399.1	401.1	400.1	399.0	397.4	395.2
20.0	391.4	394.2	392.5	392.5	391.0	389.1
22.5	385.4	386.1	385.4	383.9	382.7	381.1
25.0	377.3	377.8	377.7	376.3	375.0	373.0
27.5	365.9	367.6	367.3	366.2	364.1	363.0
30.0	353.2	356.7	356.5	356.4	356.0	352.3
32.5	343.7	344.1	345.2	344.0	343.9	340.9
35.0	328.5	331.0	332.9	333.2	332.1	328.1
37.5	315.4	317.2	318.9	319.5	319.6	314.2
40.0	300.7	302.9	304.8	305.3	305.5	301.4
42.5	286.6	289.9	288.9	291.7	291.7	287.5
45.0	274.7	276.0	275.1	276.1	275.6	272.0
47.5	257.6	262.6	261.2	259.8	260.1	257.6
50.0	233.2	236.0	246.5	242.9	244.9	240.0
52.5	207.9	217.9	224.4	228.2	224.8	214.2
55.0	186.2	193.4	202.6	211.2	202.1	191.4
57.5	162.4	168.2	178.0	191.5	181.8	171.3
60.0	137.4	142.7	153.1	162.1	156.7	146.9
62.5	112.8	119.0	128.2	135.2	132.6	124.1
65.0	88.8	93.6	103.9	108.3	109.7	100.2
67.5	65.4	69.4	78.5	82.0	85.7	77.7
70.0	43.3	47.5	54.3	57.6	60.7	57.5
72.5	23.9	27.2	32.8	37.0	39.9	38.8
75.0	8.2	11.0	15.2	20.4	22.8	22.0

article code
Azar Teyf Co.

lamp(s)
1 x LED
total flux
15311 lm
LOR
100 %
tilt angle
0.0 °

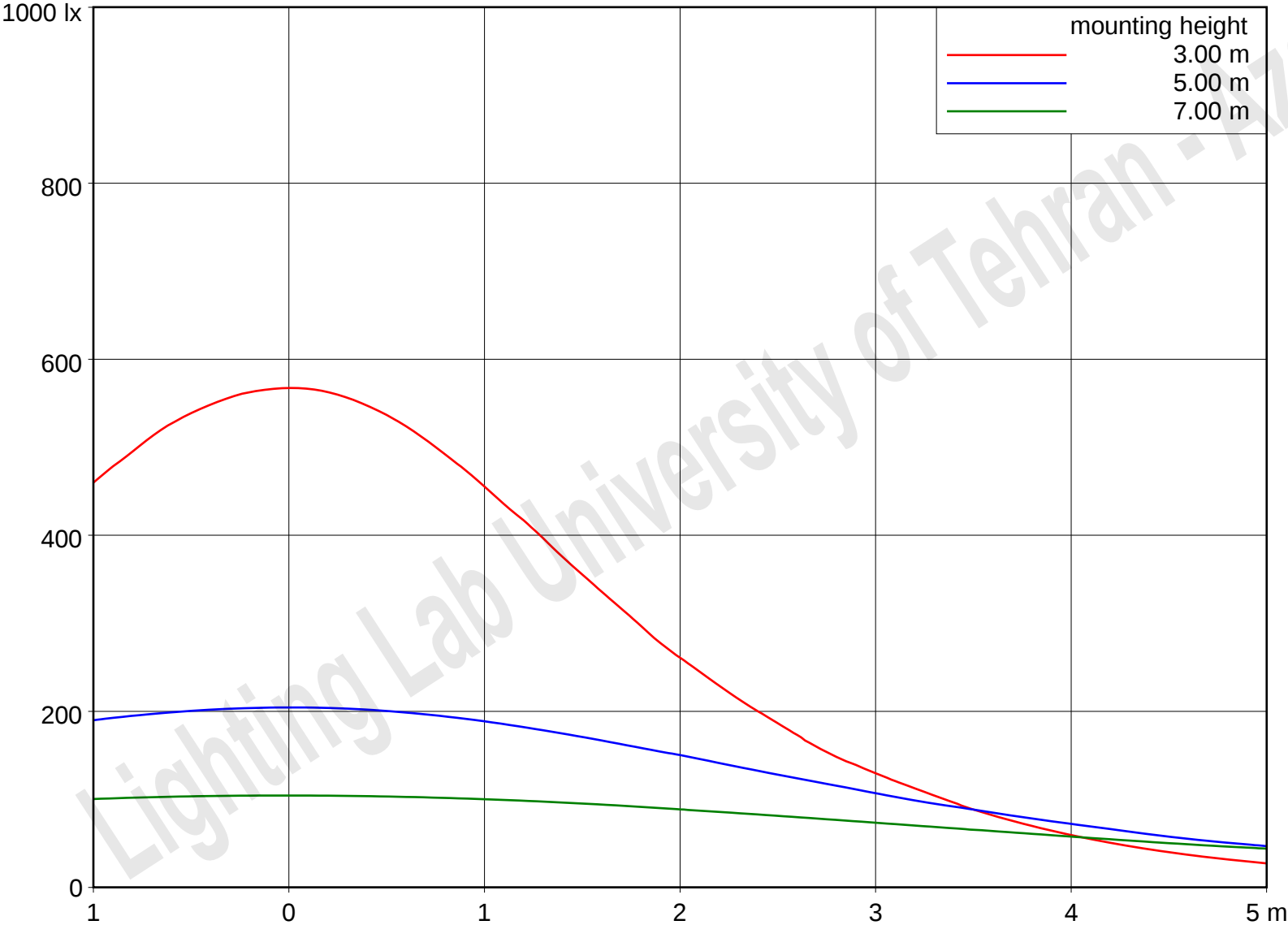


tilt angle : 0.0 °

swivel angle : 0.0 °

orientation : 0.0 °

light loss factor : 0.8



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