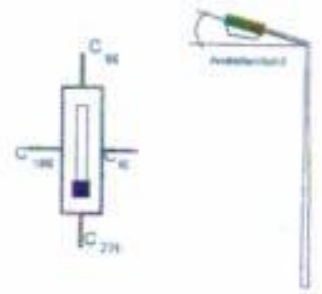


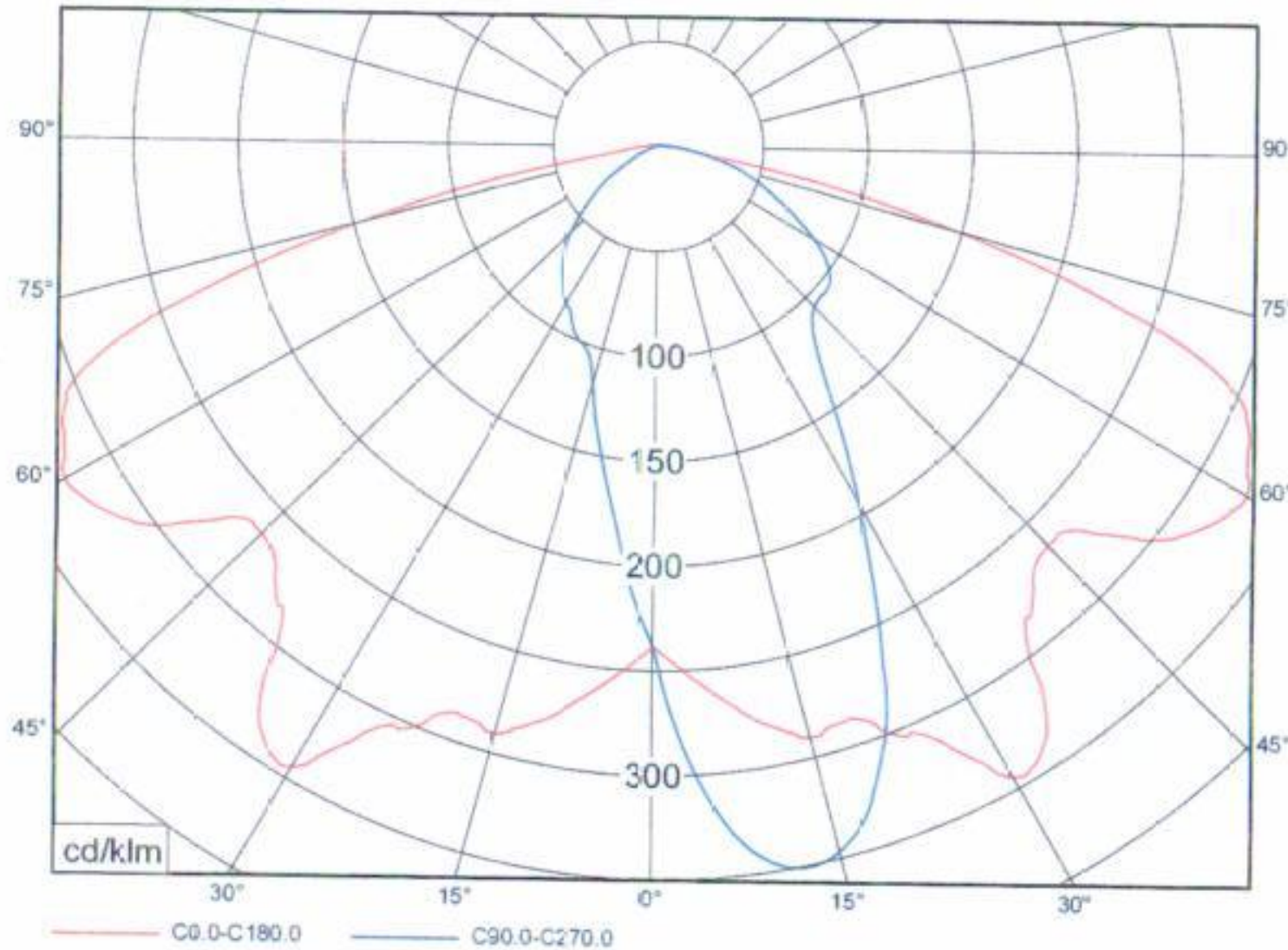
half value angle 147.6°

article code
TakNoor Co.

lamp(s)
1 x HPSV
total flux
6518 lm
LOR
82 %
tilt angle
0.0 °

file
STREETLIGHT_

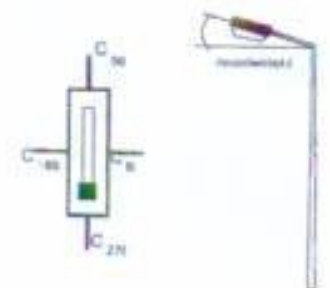




article code
TakNoor Co.

lamp(s)
1 x HPSV
total flux
6518 lm
LOR
82 %
tilt angle
0.0 °

file
STREETLIGHT_

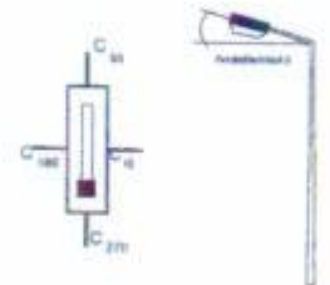


gamma / °	C 0	C 15	C 30	C 45	C 60	C 75	C 90	C 105	C 120	C 135	C 150	C 165	C 180	C 195	C 210	C 225	C 240
0.0	238.4	238.4	238.4	238.4	238.4	238.4	238.4	238.4	238.4	238.4	238.4	238.4	238.4	238.4	238.4	238.4	238.4
2.5	247.4	256.4	264.3	270.5	275.5	279.4	280.9	279.4	275.5	270.5	264.3	256.4	247.4	238.3	230.5	224.3	219.8
5.0	256.5	276.5	291.1	301.2	306.2	310.1	311.9	310.1	306.2	301.2	291.1	276.5	256.5	240.1	223.5	209.0	197.8
7.5	265.8	292.7	313.9	329.0	334.0	333.3	334.6	333.3	334.0	329.0	313.9	292.7	265.8	241.5	217.7	196.8	180.2
10.0	276.3	313.6	333.9	344.5	354.1	347.8	346.9	347.8	354.1	344.5	333.9	313.6	276.3	244.0	211.1	181.7	162.4
12.5	283.8	331.9	357.8	360.3	360.9	355.4	350.7	354.4	360.9	360.3	357.8	331.9	283.8	244.1	203.9	168.8	145.9
15.0	290.5	346.7	369.0	373.8	357.8	354.3	346.6	354.3	357.8	373.8	360.3	346.7	290.5	240.8	194.2	155.4	129.6
17.5	287.7	352.0	382.3	374.9	352.5	345.8	336.6	345.8	352.5	374.9	360.3	352.0	287.7	230.3	179.4	140.5	115.2
20.0	288.6	356.9	384.8	375.0	344.5	327.9	315.1	327.9	344.5	375.0	360.3	356.9	288.6	222.3	164.1	125.4	104.5
22.5	301.6	373.4	390.1	374.7	330.4	304.2	291.2	304.2	330.4	374.7	360.1	373.4	301.6	222.8	158.2	117.6	100.6
25.0	307.3	393.3	398.1	359.9	306.5	270.5	255.9	270.5	306.5	393.3	360.1	393.3	307.3	223.0	152.0	110.2	98.6
27.5	325.1	411.0	403.6	342.6	279.3	236.0	223.0	236.0	279.3	411.0	403.6	411.0	325.1	225.1	145.4	106.2	93.4
30.0	344.3	436.6	414.0	324.9	253.4	204.8	183.5	204.8	253.4	436.6	414.0	436.6	344.3	231.1	143.2	102.3	92.2
32.5	342.3	449.9	410.2	306.1	226.4	177.4	168.0	177.4	226.4	449.9	410.2	449.9	342.3	220.1	136.1	100.5	89.9
35.0	326.8	451.4	408.5	287.5	201.8	155.6	145.3	155.6	201.8	287.5	408.5	451.4	326.8	198.8	126.3	98.4	87.3
37.5	291.1	448.2	400.1	265.0	180.1	137.7	127.4	137.7	180.1	265.0	400.1	448.2	291.1	182.9	119.9	95.9	82.3
40.0	280.2	407.5	399.2	236.0	158.9	123.9	116.0	123.9	158.9	236.0	399.2	407.5	280.2	177.3	114.6	93.6	80.7
42.5	268.1	378.4	372.6	209.8	143.1	116.2	109.3	116.2	143.1	209.8	372.6	378.4	268.1	168.2	113.7	90.0	79.2
45.0	265.1	341.2	334.0	189.7	132.8	113.7	106.1	113.7	132.8	189.7	334.0	341.2	265.1	163.0	111.7	90.7	78.4
47.5	266.8	327.4	284.1	173.7	128.5	112.8	104.8	112.8	128.5	173.7	284.1	327.4	266.8	161.8	108.3	89.1	80.7
50.0	283.3	320.9	249.1	159.0	124.8	113.3	105.0	113.3	124.8	159.0	249.1	320.9	283.3	162.5	109.4	84.9	79.1
52.5	302.8	331.0	224.9	147.6	120.8	113.1	103.8	113.1	120.8	147.6	224.9	331.0	302.8	159.8	107.5	83.7	73.0
55.0	313.6	353.9	214.6	140.2	118.7	111.2	99.4	111.2	140.2	214.6	353.9	313.6	156.4	106.3	106.3	80.7	68.5
57.5	321.3	363.1	201.1	135.3	114.1	108.2	93.5	108.2	114.1	135.3	201.1	363.1	321.3	153.2	106.2	78.5	69.3
60.0	324.8	366.2	192.1	129.1	108.9	98.9	85.5	98.9	108.9	129.1	192.1	366.2	324.8	148.8	103.9	76.7	53.9
62.5	317.4	359.2	182.5	122.4	97.4	89.2	76.6	89.2	97.4	122.4	182.5	359.2	317.4	142.1	102.5	75.9	50.9
65.0	311.4	348.9	172.7	114.0	88.9	78.9	68.5	78.9	88.9	114.0	172.7	348.9	311.4	136.1	95.4	73.8	48.0
67.5	289.0	329.7	161.3	103.2	80.9	68.4	58.6	68.4	80.9	103.2	161.3	329.7	289.0	128.4	88.3	67.1	44.9
70.0	268.0	300.5	141.7	98.7	72.2	57.9	42.4	57.9	72.2	98.7	141.7	300.5	268.0	109.5	77.1	60.1	37.7
72.5	208.6	254.8	125.2	89.7	66.9	49.0	35.7	49.0	66.9	89.7	125.2	254.8	208.6	90.5	62.2	48.5	30.3
75.0	145.6	185.9	103.0	83.7	60.9	41.7	29.1	41.7	60.9	83.7	103.0	185.9	145.6	66.2	46.1	34.8	21.7
77.5	87.3	120.2	81.9	72.3	63.1	34.1	21.0	34.1	63.1	72.3	81.9	120.2	87.3	36.0	24.0	21.6	13.7
80.0	33.0	63.2	58.9	57.5	46.0	28.1	23.5	28.1	46.0	57.5	58.9	63.2	33.0	9.6	3.4	4.1	4.3
82.5	16.9	21.1	28.4	42.8	37.0	22.0	18.9	22.0	37.0	42.8	28.4	21.1	16.9	6.0	1.8	1.7	1.9

article code
TakNoor Co.

lamp(s)
1 x HPSV
total flux
6518 lm
LOR
82 %
tilt angle
0.0 °

file
STREETLIGHT_



gamma / °	C 255	C 270	C 285	C 300	C 315	C 330	C 345
0.0	238.4	238.4	238.4	238.4	238.4	238.4	238.4
2.5	217.1	216.1	217.1	219.8	224.3	230.5	238.3
5.0	192.0	190.2	192.0	197.8	209.0	223.5	240.1
7.5	171.4	169.0	171.4	180.2	196.6	217.7	241.5
10.0	151.9	150.4	151.9	162.4	181.7	211.1	244.0
12.5	135.9	133.6	135.9	145.9	168.8	203.9	244.1
15.0	120.8	117.4	120.8	129.6	155.4	194.2	240.8
17.5	108.3	106.2	108.3	115.2	140.5	179.4	230.3
20.0	98.7	101.3	98.7	104.5	125.4	154.1	222.3
22.5	90.3	99.1	96.3	100.8	117.6	158.2	222.8
25.0	92.0	94.9	92.0	96.8	110.2	152.0	223.0
27.5	88.7	89.3	88.7	93.4	106.2	145.4	225.1
30.0	84.6	88.8	84.6	92.2	102.3	143.2	231.1
32.5	81.2	82.9	81.2	89.9	100.5	138.1	220.1
35.0	78.6	78.3	78.6	87.3	98.4	126.3	198.6
37.5	75.1	74.4	75.1	82.3	95.9	119.9	182.9
40.0	72.6	69.7	72.6	80.7	93.8	114.6	177.3
42.5	69.6	65.0	69.6	79.2	90.0	113.7	168.2
45.0	65.8	58.8	65.8	79.4	90.7	111.7	163.0
47.5	61.1	51.9	61.1	80.7	89.1	108.3	161.8
50.0	55.0	45.2	55.0	79.1	84.9	109.4	162.5
52.5	48.2	39.0	48.2	73.0	83.7	107.5	159.8
55.0	44.4	33.8	44.4	66.5	80.7	106.3	155.4
57.5	39.2	27.8	39.2	59.3	78.5	106.2	153.2
60.0	34.2	20.6	34.2	53.5	76.7	103.9	148.8
62.5	29.5	15.1	29.5	50.9	76.9	102.5	142.1
65.0	22.8	11.8	22.8	48.0	73.8	95.4	136.1
67.5	17.1	9.0	17.1	44.9	67.1	88.3	128.4
70.0	12.1	6.5	12.1	37.7	60.1	77.1	108.5
72.5	9.3	4.8	9.3	30.3	48.5	62.2	90.5
75.0	6.7	3.2	6.7	21.7	34.8	46.1	68.2
77.5	4.7	2.3	4.7	13.7	21.6	24.0	38.0
80.0	2.1	1.7	2.1	4.3	4.1	3.4	9.8
82.5	1.5	1.6	1.5	1.9	1.7	1.9	6.0

article code

TakNoor Co.

lanap(s)

1 x HPSV

total flux

6518 lm

LOR

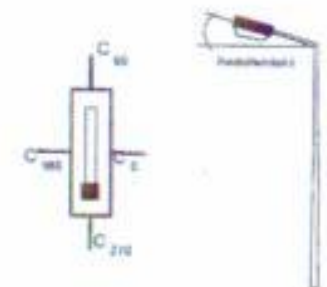
82 %

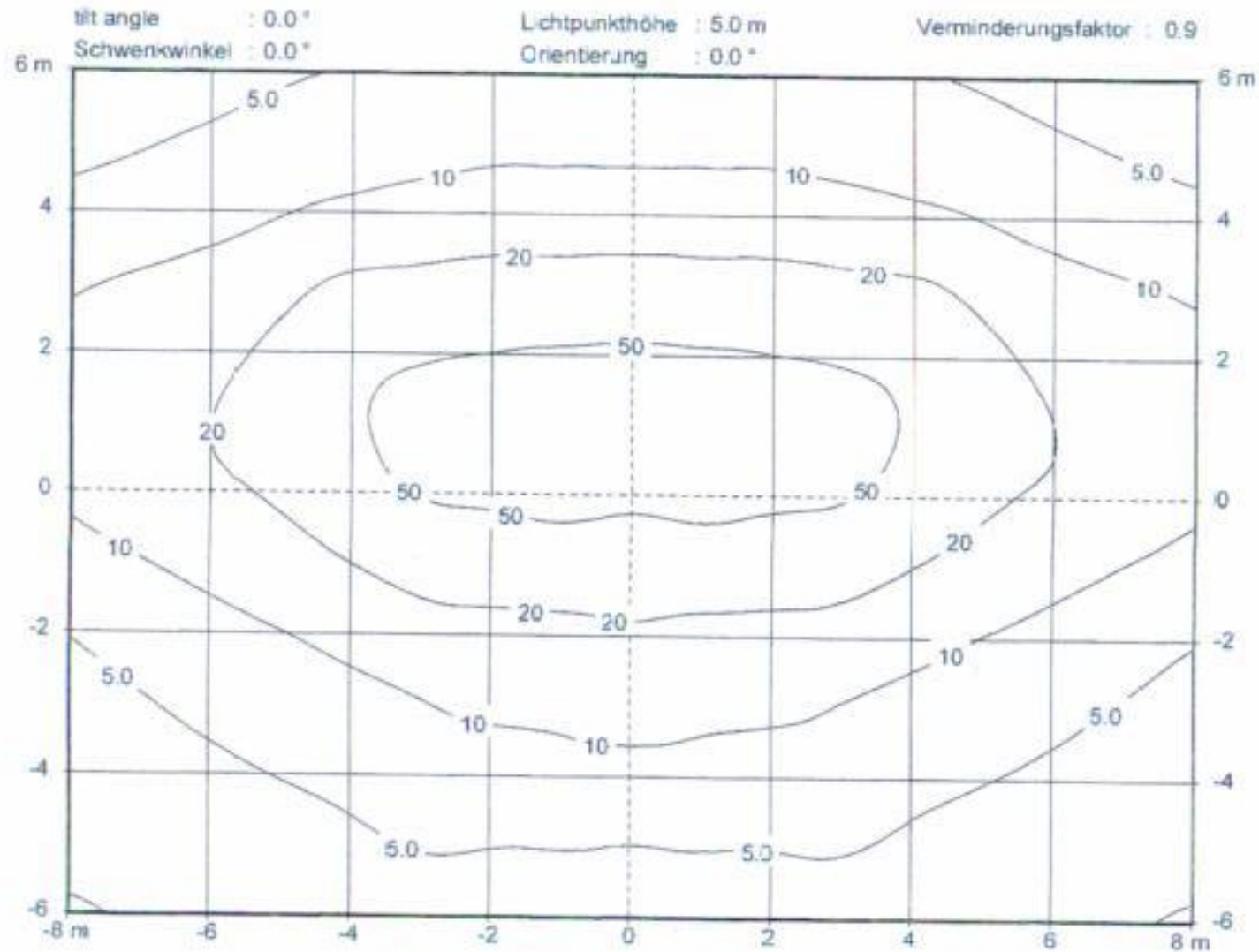
tilt angle

0.0 °

file

STREETLIGHT_

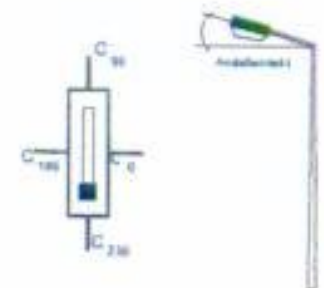


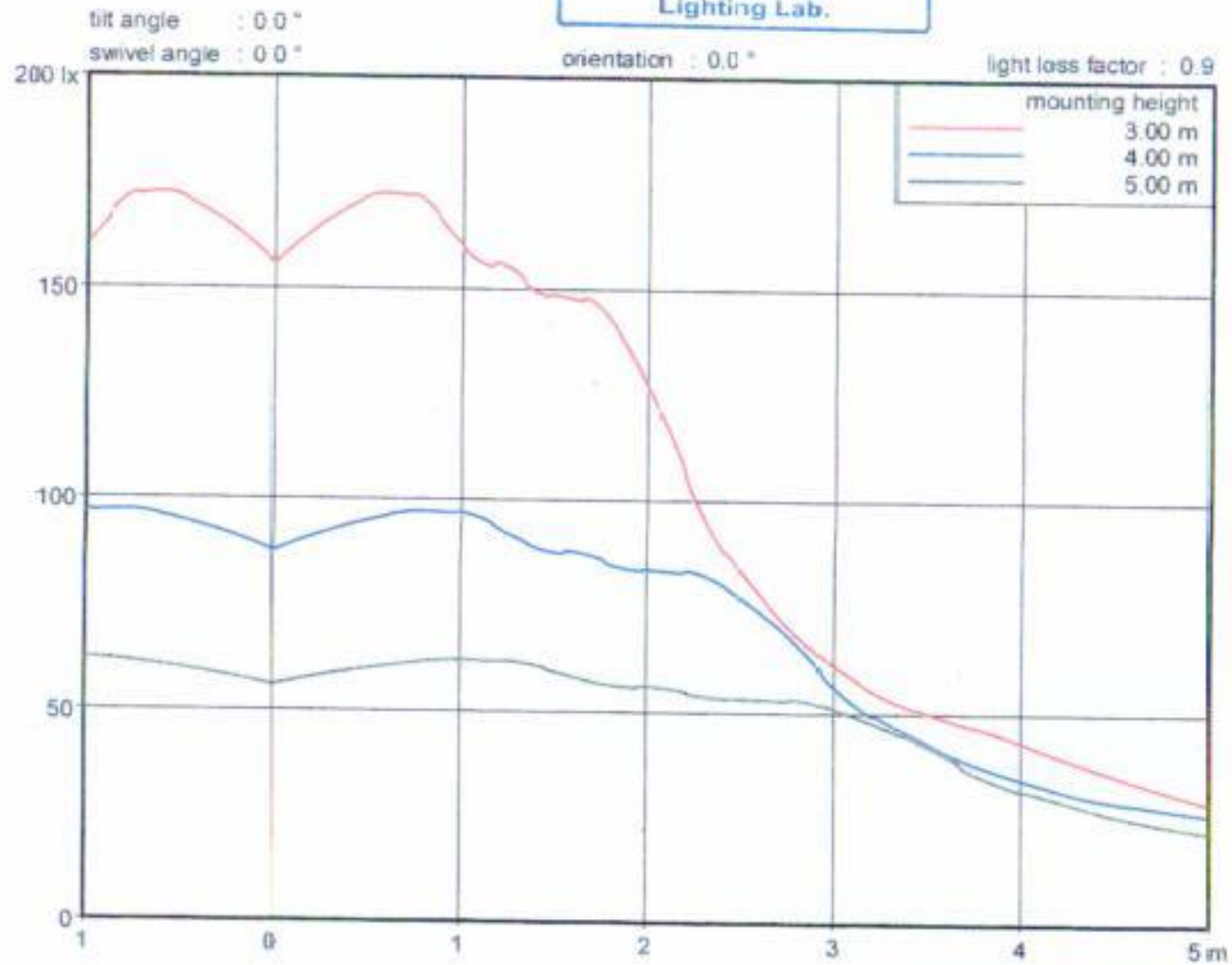


article code
TekNoor Co.

lamp(s)
1 = HPSV
total flux
6518 lm
LOR
82 %
tilt angle
0.0°

file
STREETLIGHT_

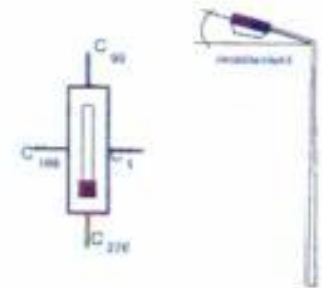




article code
 TakNoor Co.

lamp(s)
 1 x HPSV
 total flux
 6518 lm
 LOR
 82 %
 tilt angle
 0.0°

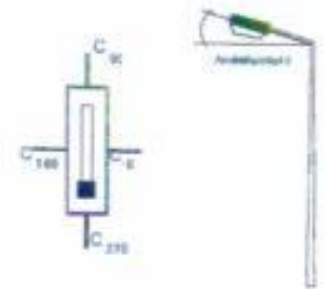
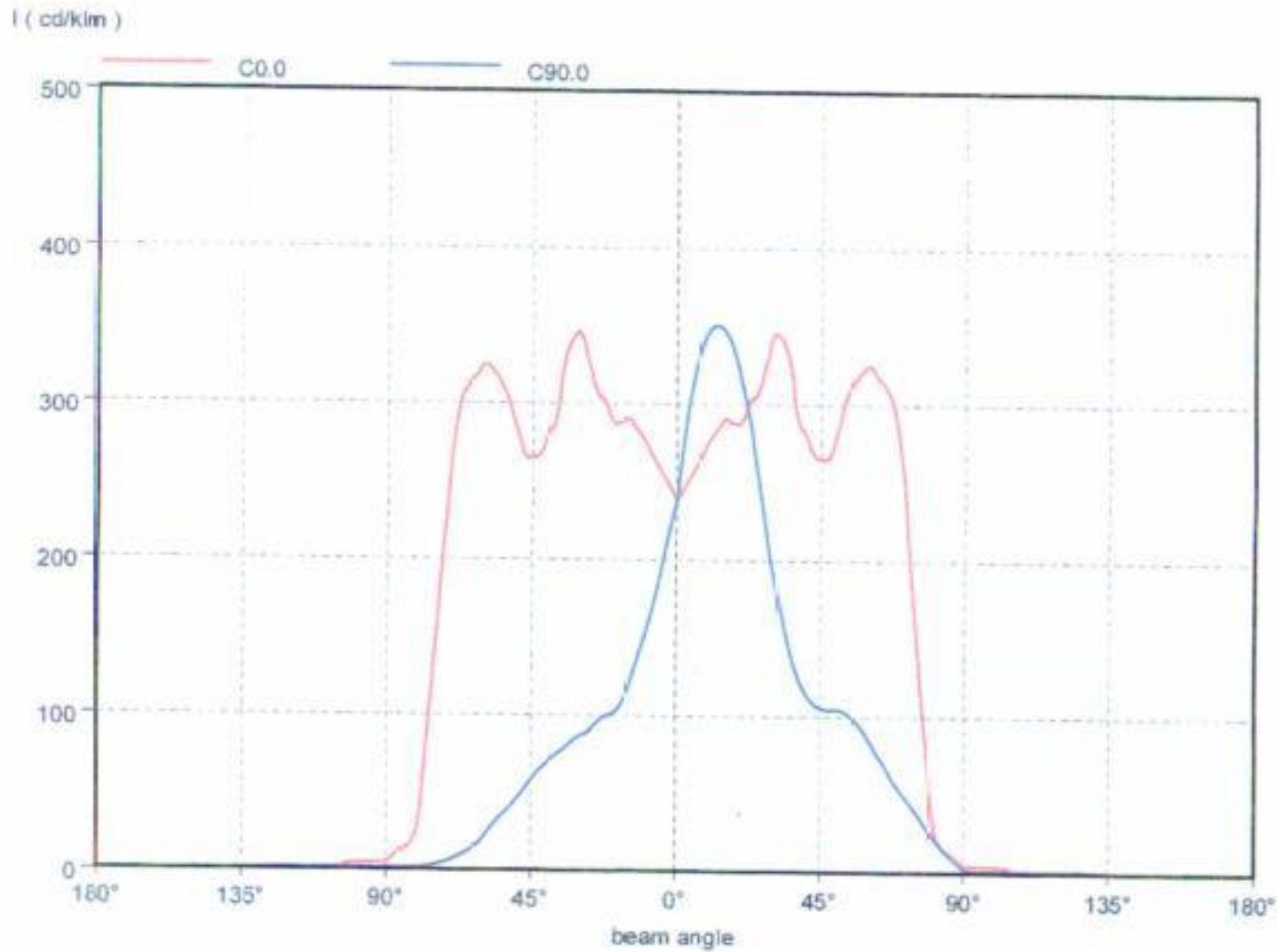
file
 STREETLIGHT_



article code
TakNoor Co

lamp(s)
1 x HPSV
total flux
6518 lm
LCR
82 %
tilt angle
0.0 °

file
STREETLIGHT_



meas. no. 93L215
 meas. date 12/27/2014
 operator LightLab

meas. conditions
 ambient temperature 25.0 °C
 voltage 230.00 V
 current 0.427 A
 power consumption 89.0 W

meas. lamps lum. flux [lm]
 1 6518.0 lm

measurement results
 flux of luminaire 5325.1 lm
 classification / DIN A40
 lower flux fraction 99.21 %
 upper flux fraction 0.79 %
 intensity maximum 490.9 cd/klm
 in C-plane 20.0 °
 at gamma 37.5 °
 half value angle
 C0 : 73.8 °
 C90 : 31.7 °
 C270 : 6.7 °

tenth value angle
 C0 : 79.8 °
 C90 : 76.2 °
 C270 : 54.4 °

article code
 TakNoor Co.

lamp(s)
 1 x HPSV
 total flux
 6518 lm
 LCR
 82 %
 tilt angle
 0.0 °

file
 STREETLIGHT_

dimensions of luminaire

length 530 mm
 width 240 mm
 height 140 mm

dimensions of luminous area

length 250 mm
 width 130 mm
 height C0 70 mm
 height C90 30 mm
 height C180 30 mm
 height C270 30 mm

