



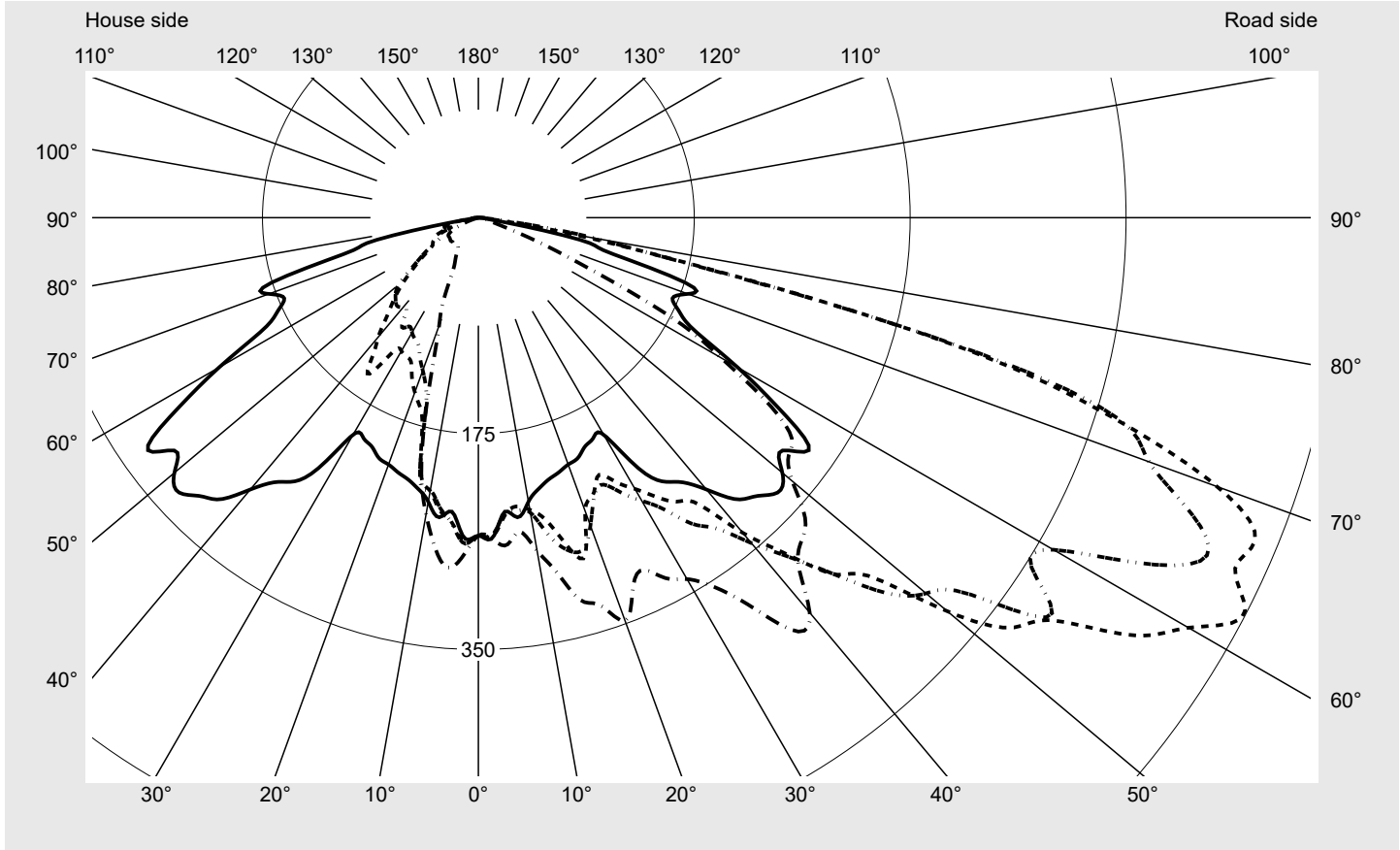
Photometric test report

Family Streetlight 11 micro LED	Order number: 5XC1A51Y08CE EAN: 4058352895412	LP number 58065_145
	Version post-top or side-entry mounting, Smart Interface up/down Optic asymmetric, wide distribution (ST1.2a) Cover transparent, PMMA Lamps LED 3000 K CRI ≥ 70 Controlgear ECG SITECO iQ - DALI2 Rated values Net luminous flux = 1880 lm Power consumption = 12.3 W Luminous efficacy = 152.9 lm/W	serial documentation 27.07.2023





Luminous intensity in cd/klm C180-0 C205-25 C210-30 C270-90 **Imax: 699 cd/klm**



Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

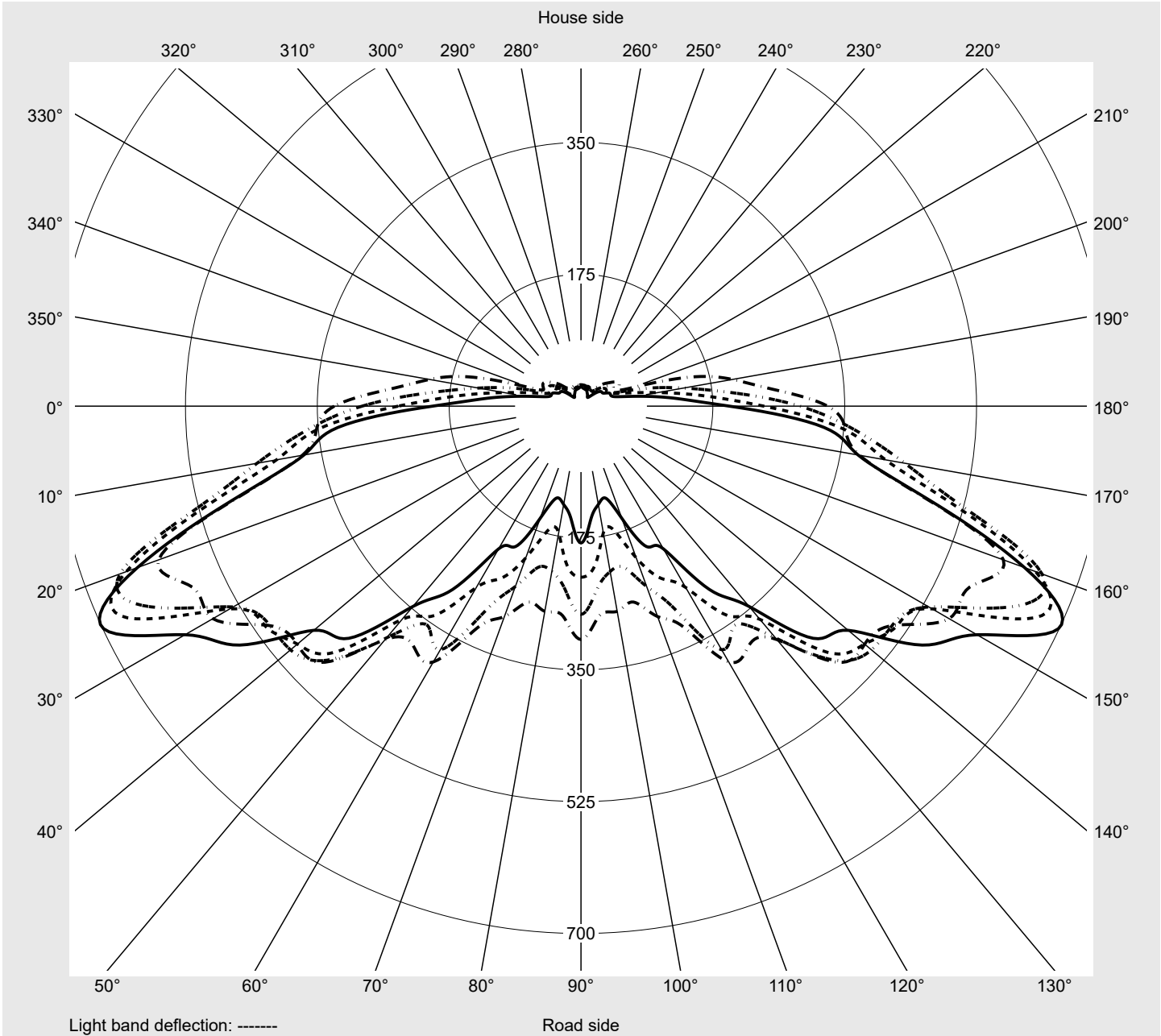
Luminous intensity class acc. to EN13201-2	
Class:	G3
Imax 70°	637.5
Imax 80°	98.2
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

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Envelope curve in cd/klm **KMK 62.5°** **KMK 60°** **KMK 57.5°** **KMK 55°** **siteco**



Photometric test report

Family Streetlight 11 micro LED	Order number: 5XC1A51Y08CE EAN: 4058352895412	LP number 58065_145
Table of values for luminous intensities		Maximum luminous intensity



C-planes	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
γ	Luminous intensity in cd/klm												
0,0°	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7
2,5°	259.9	259.7	259.7	260.1	259.7	258.6	257.4	255.7	253.8	253.3	252.7	252.9	253.7
5,0°	239.6	238.9	237.5	239.1	243.2	242.7	240.8	244.6	250.6	256.3	263.1	271.3	271.3
7,5°	244.9	242.1	235.6	230.9	228.8	236.0	239.4	250.8	256.3	259.9	254.4	255.2	258.8
10,0°	233.7	243.2	241.5	238.9	240.0	240.4	242.7	243.0	250.6	255.7	265.4	267.5	278.3
12,5°	225.2	233.7	239.6	245.3	250.1	250.4	263.7	271.5	263.5	263.7	272.0	275.3	277.7
15,0°	219.7	229.0	247.6	256.3	265.0	273.9	278.9	272.2	267.7	271.1	272.8	264.7	275.6
17,5°	216.5	223.5	248.2	257.8	271.3	287.6	282.1	276.8	264.1	264.7	264.1	271.1	270.1
20,0°	212.9	224.3	235.6	241.9	249.3	252.9	265.6	273.9	277.0	265.4	250.6	254.8	274.5
22,5°	210.8	219.3	222.6	234.7	239.4	243.0	245.1	248.3	255.4	253.7	253.7	262.2	262.4
25,0°	204.6	216.7	224.8	227.7	230.5	230.3	238.7	255.2	263.5	262.2	277.0	272.4	278.5
27,5°	201.5	215.0	216.5	224.8	233.7	241.5	251.4	261.8	265.4	279.6	301.0	305.2	312.8
30,0°	203.0	214.8	220.7	231.7	244.7	253.8	265.0	270.1	283.8	299.2	324.7	337.6	348.1
32,5°	240.0	235.6	234.5	235.3	252.5	268.3	280.4	287.4	312.2	327.0	350.0	360.2	381.1
35,0°	261.0	262.6	256.5	255.9	264.3	281.0	303.1	310.9	322.3	347.3	367.4	382.6	402.5
37,5°	270.1	279.4	281.0	280.8	282.5	292.3	317.5	330.6	342.0	366.8	377.3	417.6	423.1
40,0°	287.6	289.7	295.7	308.3	316.2	333.5	344.3	342.9	362.1	396.0	398.7	425.6	460.3
42,5°	309.6	310.1	306.5	320.6	345.6	369.9	373.1	366.5	370.1	405.9	409.7	424.1	463.7
45,0°	319.1	326.6	339.9	375.4	394.1	408.9	409.3	397.9	403.0	408.5	412.3	421.8	444.0
47,5°	329.5	324.9	325.9	392.6	432.8	430.2	451.0	434.1	450.1	424.7	412.7	419.2	439.1
50,0°	321.7	337.0	337.0	403.0	489.7	496.5	473.8	484.8	475.1	452.0	430.2	413.1	420.5
52,5°	310.1	321.7	346.7	404.6	507.5	545.8	500.9	473.0	508.8	459.5	427.7	416.3	397.2
55,0°	327.4	352.3	375.6	473.9	596.6	568.9	564.2	507.3	491.6	480.8	404.6	388.3	392.0
57,5°	290.6	365.3	436.7	530.2	651.2	630.3	533.1	505.4	503.3	477.0	401.5	355.3	373.3
60,0°	242.7	350.2	410.5	516.6	642.3	664.7	538.2	510.5	491.4	462.0	369.5	339.3	277.9
62,5°	197.0	323.8	373.5	476.4	626.6	699.2	606.8	553.0	462.9	435.8	347.1	297.1	218.8
65,0°	179.5	280.2	343.1	404.0	556.8	676.6	650.6	531.2	454.6	415.7	339.3	267.7	193.9
67,5°	170.4	253.6	315.8	366.1	567.4	681.7	625.0	497.3	409.1	364.7	296.5	241.5	173.8
70,0°	180.7	254.0	305.9	356.9	500.0	637.5	578.2	458.2	366.5	303.9	243.8	186.5	151.1
72,5°	177.1	253.8	262.9	340.7	417.3	539.9	545.4	397.0	317.0	272.8	193.0	154.3	144.8
75,0°	110.7	201.4	253.0	322.9	326.5	401.9	408.9	286.5	228.6	201.1	142.4	135.5	132.5
77,5°	88.0	125.7	156.6	239.2	175.9	190.1	183.1	164.0	125.9	136.7	94.4	91.6	91.9
80,0°	24.5	28.1	39.4	78.7	68.8	80.0	96.1	98.2	94.9	89.3	52.1	31.7	29.0
82,5°	5.9	6.6	7.8	9.5	12.1	17.6	35.1	52.1	44.2	29.6	19.5	15.7	12.1
85,0°	4.2	4.4	4.7	5.5	6.8	8.0	8.7	9.7	9.9	9.1	8.5	7.6	7.2
87,5°	2.7	2.7	3.0	3.4	3.8	4.6	4.7	5.1	5.3	4.9	4.6	4.2	3.6
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family Streetlight 11 micro LED	Order number: 5XC1A51Y08CE EAN: 4058352895412	LP number 58065_145
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ	Luminous intensity in cd/klm												
0,0°	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7
2,5°	255.2	257.3	259.0	260.5	261.0	260.5	260.5	260.9	261.4	262.0	262.8	264.3	266.5
5,0°	271.1	267.7	264.7	264.1	266.0	266.2	241.5	243.6	246.1	247.0	247.8	248.5	247.0
7,5°	257.6	258.8	261.4	260.7	257.3	256.7	241.5	238.9	239.6	239.6	239.4	237.4	234.1
10,0°	278.1	274.7	268.3	265.0	270.1	274.1	225.6	221.4	223.7	228.4	224.8	224.5	220.5
12,5°	274.9	275.1	275.6	285.7	289.5	294.6	219.9	216.9	213.3	209.1	214.4	218.6	219.3
15,0°	280.8	283.8	297.3	315.8	317.9	321.1	215.7	202.3	195.1	186.0	175.7	167.2	166.3
17,5°	291.2	299.0	298.2	315.1	329.9	329.5	198.7	186.4	181.8	175.4	159.2	142.2	130.1
20,0°	271.3	289.1	297.8	313.2	341.0	347.7	199.8	181.6	168.9	161.5	150.5	131.8	120.4
22,5°	270.5	277.2	305.4	312.6	324.4	326.8	190.3	175.9	161.0	150.7	140.7	123.4	105.2
25,0°	282.8	301.6	307.7	314.7	328.2	315.1	190.9	167.2	157.3	140.3	129.1	114.5	102.6
27,5°	315.3	328.0	341.6	331.0	327.8	329.5	184.8	171.2	157.0	141.2	126.8	110.9	93.1
30,0°	362.3	355.3	351.3	350.0	344.3	338.2	189.8	175.4	158.7	140.1	124.7	107.5	87.6
32,5°	375.7	361.3	361.5	370.6	364.6	354.5	230.1	220.3	179.5	151.7	129.1	104.5	85.1
35,0°	399.3	383.3	385.8	390.0	393.9	384.1	253.1	241.5	199.8	175.5	154.7	108.1	82.5
37,5°	425.0	417.1	400.2	406.6	416.9	422.4	261.4	243.2	194.1	165.9	140.3	96.1	84.7
40,0°	456.3	428.4	401.5	377.8	394.5	417.8	293.1	265.8	201.9	175.2	126.3	94.8	88.7
42,5°	467.3	416.5	391.7	370.2	369.9	384.5	299.0	255.9	192.0	172.1	110.9	97.3	86.6
45,0°	479.8	431.7	387.1	364.9	366.5	370.4	313.6	262.0	196.8	154.1	99.2	94.8	89.7
47,5°	461.1	403.4	368.2	367.0	372.9	359.1	308.1	244.2	191.3	127.6	88.3	91.0	93.1
50,0°	420.3	371.2	331.2	323.8	346.4	332.1	295.6	240.4	177.4	103.5	76.8	84.0	77.5
52,5°	382.0	343.3	299.5	312.4	316.4	317.0	279.1	224.8	162.7	87.2	65.0	70.1	65.2
55,0°	324.2	297.3	269.2	276.6	279.2	309.8	255.9	204.2	148.4	70.5	54.8	58.4	55.9
57,5°	299.3	254.8	221.8	222.9	244.0	276.4	202.8	138.2	92.1	55.0	45.9	49.3	47.6
60,0°	252.3	214.2	171.2	170.8	212.1	227.1	161.3	103.5	68.4	49.7	42.7	39.6	40.0
62,5°	205.7	158.5	126.4	132.5	150.5	181.6	122.8	75.3	48.5	42.1	41.1	34.5	33.2
65,0°	152.2	108.4	88.3	87.6	107.1	106.9	112.6	58.0	45.9	38.3	38.1	32.4	33.0
67,5°	140.1	83.2	53.8	49.7	68.6	59.5	108.4	56.3	45.1	35.3	36.8	32.4	24.5
70,0°	131.4	69.2	38.1	24.1	29.0	25.4	106.4	59.1	44.9	35.6	29.6	24.1	22.2
72,5°	108.6	36.0	24.5	13.6	12.5	12.1	92.3	63.5	49.3	45.9	30.9	26.5	22.6
75,0°	79.2	24.6	15.2	10.4	9.3	9.1	63.1	60.5	59.0	37.2	30.1	28.4	20.1
77,5°	30.7	16.9	10.8	8.2	7.2	7.6	72.4	53.5	51.6	29.2	26.9	24.3	17.6
80,0°	16.3	11.4	7.8	6.1	5.3	5.3	20.5	23.7	21.0	16.1	15.7	17.3	18.6
82,5°	10.0	7.4	5.5	4.2	3.6	3.4	5.5	5.5	5.7	6.1	6.8	7.4	7.6
85,0°	5.7	4.4	3.0	2.3	1.9	1.9	3.8	3.6	3.6	3.8	4.0	3.6	3.6
87,5°	2.8	2.1	1.3	0.9	0.8	0.8	2.3	2.3	2.3	2.3	2.1	2.1	2.1
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family Streetlight 11 micro LED	Order number: 5XC1A51Y08CE EAN: 4058352895412	LP number 58065_145
Table of values for luminous intensities		Maximum luminous intensity
		sITeCO

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0,0°	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	0.4	0.4
2,5°	268.8	270.9	274.5	277.0	277.5	276.0	273.9	274.7	275.5	274.3	273.7	3.1	3.5
5,0°	245.5	250.1	256.1	261.6	261.4	267.5	270.9	279.4	284.7	286.3	284.7	6.1	9.7
7,5°	229.8	233.2	242.3	242.1	245.1	253.5	255.9	257.4	260.5	266.2	269.6	8.9	18.5
10,0°	208.0	203.6	214.6	211.6	221.4	226.4	236.4	243.4	247.2	244.4	244.2	11.5	30.0
12,5°	218.2	195.3	193.7	187.1	184.6	196.0	205.9	219.7	225.4	218.2	213.5	14.1	44.1
15,0°	166.3	170.8	173.1	167.4	162.8	165.5	171.9	177.6	181.0	175.5	166.4	16.1	60.1
17,5°	130.1	136.5	137.8	132.1	125.5	138.0	139.5	135.7	127.4	120.4	120.2	17.5	77.7
20,0°	114.5	118.5	123.8	109.8	99.2	92.5	86.4	86.1	92.5	95.5	92.9	18.6	96.3
22,5°	98.6	102.2	108.4	91.0	83.2	76.0	72.0	70.3	67.1	66.0	76.2	19.6	115.9
25,0°	87.4	91.2	91.0	81.9	76.8	71.9	69.4	60.9	53.1	51.6	51.9	21.4	137.2
27,5°	79.8	70.7	64.8	63.9	60.3	61.2	59.7	49.3	45.7	42.8	41.3	23.6	160.9
30,0°	77.3	69.6	63.7	58.4	53.7	49.7	44.9	43.8	40.4	37.9	36.4	26.5	187.4
32,5°	73.4	67.5	62.2	54.8	46.3	41.1	38.3	36.0	34.9	33.0	31.5	30.2	217.6
35,0°	75.1	67.7	62.2	50.4	43.0	37.5	33.4	31.8	30.1	29.4	28.8	34.3	251.9
37,5°	76.4	67.1	59.0	49.3	42.7	37.2	31.5	29.4	28.2	28.4	28.1	38.0	289.8
40,0°	77.2	68.6	56.7	49.5	40.2	32.4	30.3	29.0	28.6	28.1	28.1	41.7	331.6
42,5°	79.4	66.0	57.6	47.2	39.6	33.2	29.0	29.0	28.4	28.4	29.2	44.5	376.1
45,0°	83.4	69.8	52.1	43.4	37.9	33.7	29.4	28.2	28.4	28.4	28.8	48.1	424.2
47,5°	81.1	61.8	48.2	40.0	35.6	32.8	29.4	28.2	28.4	28.2	28.8	50.5	474.7
50,0°	63.9	54.0	44.9	36.0	33.4	30.7	30.1	28.4	28.1	28.4	29.2	52.2	526.8
52,5°	56.1	48.5	38.3	32.0	29.8	30.3	29.4	28.6	28.1	29.4	28.8	52.9	579.7
55,0°	48.3	41.3	32.8	29.0	27.1	27.1	27.9	27.3	27.9	28.2	28.4	54.3	634.0
57,5°	40.2	33.0	27.3	24.5	25.0	25.8	26.4	26.7	27.9	27.7	28.4	53.7	687.7
60,0°	35.6	25.6	20.3	19.7	20.7	22.6	24.3	25.8	26.0	26.7	28.1	50.9	738.6
62,5°	29.4	21.2	15.5	14.8	17.3	19.3	22.0	22.7	23.5	24.5	25.8	48.0	786.6
65,0°	22.9	17.3	13.6	12.7	14.2	16.9	19.7	19.9	21.2	22.6	22.0	44.5	831.0
67,5°	20.5	15.5	12.5	11.2	11.9	13.6	15.2	15.5	16.3	15.9	15.5	41.4	872.4
70,0°	19.0	14.2	11.6	10.4	9.9	10.4	10.4	11.0	11.2	10.2	9.9	37.7	910.1
72,5°	16.9	12.7	9.9	8.7	8.0	8.0	7.6	7.2	7.0	4.2	3.8	33.7	943.8
75,0°	14.4	11.6	8.7	7.0	6.4	5.7	5.3	4.6	3.4	0.9	0.8	26.9	970.8
77,5°	11.6	8.5	6.8	5.7	4.7	4.4	3.4	4.0	1.9	0.8	0.4	16.9	987.6
80,0°	13.1	7.2	4.9	4.2	3.4	2.8	2.7	2.8	1.3	0.4	0.4	7.8	995.4
82,5°	6.6	4.9	3.8	3.0	2.7	1.9	1.5	1.5	0.8	0.4	0.4	2.8	998.2
85,0°	3.2	2.7	1.9	1.7	1.5	1.1	0.9	0.8	0.4	0.4	0.4	1.2	999.4
87,5°	1.7	1.5	1.3	0.9	0.9	0.8	0.8	0.4	0.4	0.4	0.4	0.7	1000.0
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

Photometric test report

Family Streetlight 11 micro LED	Order number: 5XC1A51Y08CE EAN: 4058352895412	LP number 58065_145
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Dimming levels table	environmental temperature: 25°C	siteco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	1880	12.3	12.7	12.5
95	241	252	1784	11.7	12.0	11.8
90	229	250	1695	11.0	11.4	11.2
85	216	248	1599	10.4	10.7	10.6
80	203	246	1503	9.8	10.1	10.0
75	190	243	1406	9.2	9.4	9.3
70	178	241	1317	8.7	8.9	8.8
65	165	238	1221	8.0	8.2	8.1
60	152	235	1125	7.4	7.6	7.5
55	140	232	1036	6.9	7.1	7.0
50	127	229	940	6.3	6.5	6.4
45	114	225	844	5.7	5.8	5.8
40	102	221	755	5.2	5.3	5.2
35	89	216	659	4.6	4.7	4.6
30	76	210	563	4.0	4.2	4.1
25	63	203	466	3.3	3.4	3.4
20	51	195	377	2.7	2.8	2.8
16	41	187	303	2.1	2.2	2.2