
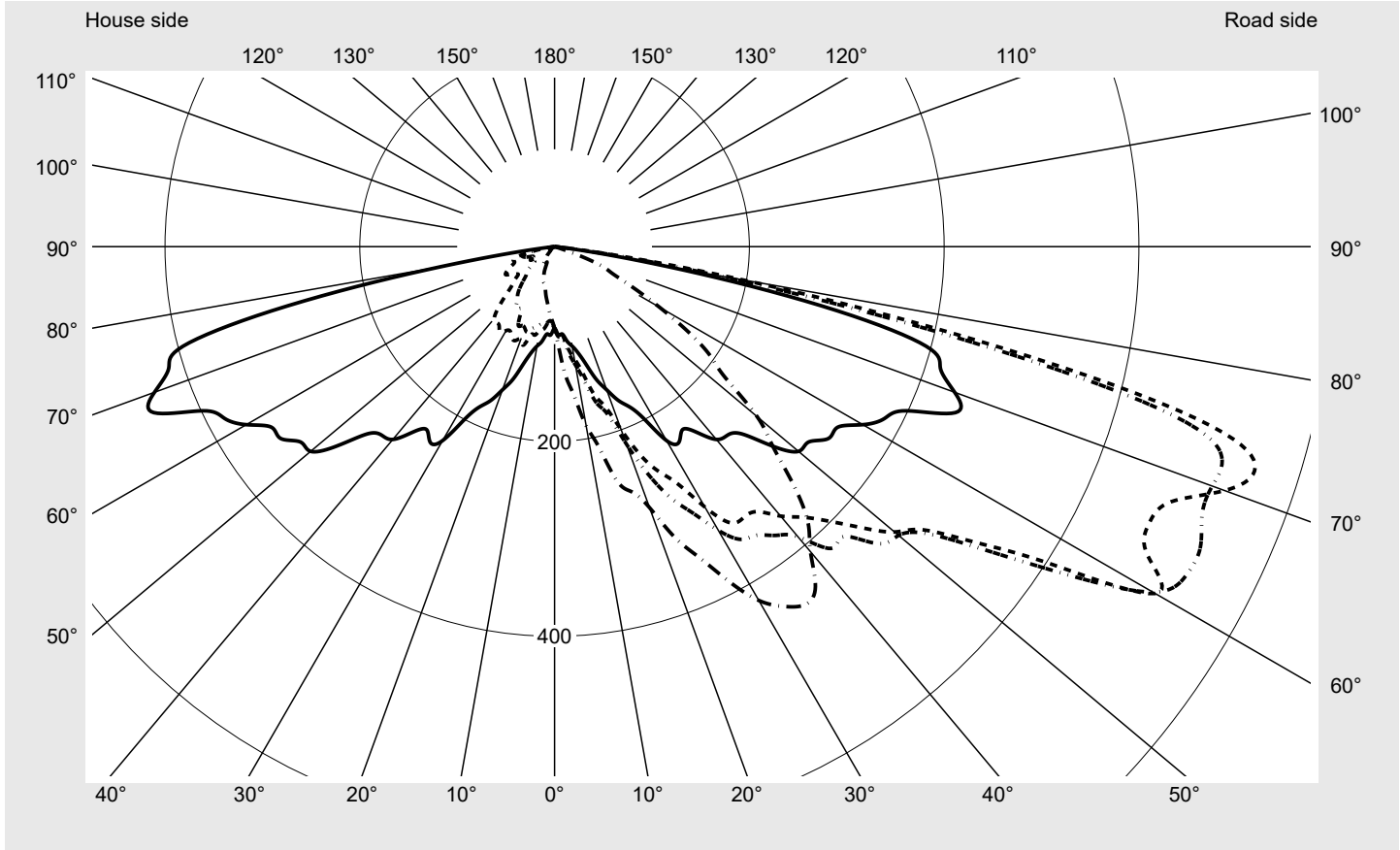


Photometric test report

Family Streetlight 11 midi LED	Order number: 5XC3N41F08ME EAN: 4058352559499	LP number 59457_163
	Version post-top or side-entry mounting Optic asymmetric, extreme wide distribution with Back Light Control (ST1.0aB) Cover transparent, PMMA Lamps LED 4000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 15930 lm Power consumption = 124.7 W Luminous efficacy = 127.7 lm/W	serial documentation 28.09.2023



Luminous intensity in cd/klm C180-0 C195-15 C200-20 C270-90 **Imax: 754 cd/klm**



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

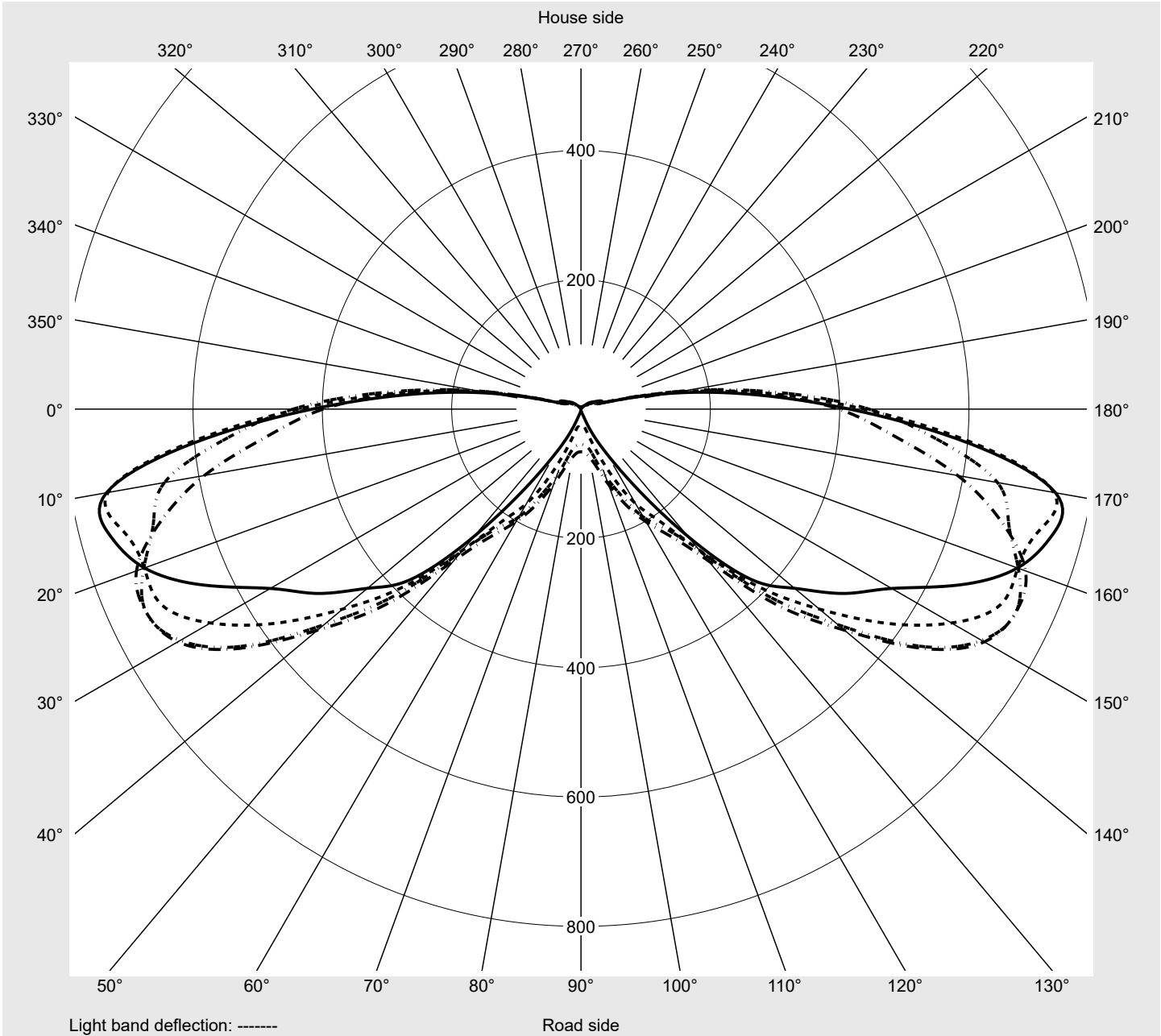
Luminous intensity class acc. to EN13201-2	
Class:	G1
Imax 70°	742.9
Imax 80°	194.9
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Streetlight 11 midi LED	Order number: 5XC3N41F08ME EAN: 4058352559499	LP number 59457_163
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Envelope curve in cd/klm **KMK 72.5°** **KMK 70°** **KMK 67.5°** **KMK 65°** **siteco**



Photometric test report

Family Streetlight 11 midi LED	Order number: 5XC3N41F08ME EAN: 4058352559499	LP number 59457_163
Table of values for luminous intensities		Maximum luminous intensity

siteco

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°	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
2,5°	90.7	90.4	89.6	89.6	92.6	95.8	96.7	97.7	98.9	99.7	99.4	98.3	98.9
5,0°	90.1	90.9	91.0	90.8	93.4	99.4	105.1	110.0	112.1	113.3	116.6	120.2	123.6
7,5°	97.8	100.7	102.4	105.0	109.4	114.0	119.6	126.7	130.4	132.5	135.6	139.9	145.0
10,0°	103.6	106.4	110.5	116.9	123.4	128.7	132.7	139.3	141.8	143.6	147.6	151.3	157.4
12,5°	111.8	117.3	123.2	132.2	141.1	147.9	152.1	158.1	165.3	172.9	180.1	185.3	193.8
15,0°	125.2	133.6	145.8	157.3	166.0	174.5	179.6	187.6	195.8	203.8	214.1	219.5	222.2
17,5°	143.2	155.5	164.5	171.9	180.0	189.8	197.5	200.1	207.5	218.4	228.9	237.2	238.4
20,0°	156.4	173.2	183.5	200.0	215.7	230.8	239.2	240.9	243.5	246.5	255.5	265.9	271.5
22,5°	170.8	187.0	210.2	232.7	254.6	270.3	278.3	280.9	284.4	287.3	295.1	302.1	306.7
25,0°	181.3	201.9	229.5	255.3	285.9	298.3	297.6	301.1	310.9	320.5	327.1	336.2	345.9
27,5°	199.6	223.0	249.0	275.0	308.8	330.8	334.2	332.9	340.4	347.8	346.0	350.2	361.3
30,0°	229.9	263.1	284.9	308.6	336.3	357.1	363.1	360.8	363.2	367.2	369.3	373.6	377.3
32,5°	237.9	268.2	303.2	336.2	356.3	370.3	380.8	388.7	395.3	396.8	395.5	398.8	401.1
35,0°	229.2	258.8	302.6	339.1	361.7	384.4	397.9	409.4	417.6	415.7	411.6	408.9	410.5
37,5°	240.5	269.2	303.8	342.9	373.6	395.9	415.8	429.1	425.2	416.6	408.2	393.8	398.7
40,0°	258.4	286.2	322.8	361.1	388.8	409.4	426.1	433.8	426.7	417.1	404.6	397.1	398.3
42,5°	262.6	307.8	341.9	376.7	420.2	432.6	432.9	449.5	450.5	420.8	402.7	394.6	390.9
45,0°	271.8	332.1	375.9	398.6	420.7	449.8	466.6	471.6	458.9	428.9	404.4	386.4	378.1
47,5°	302.7	373.9	405.2	426.9	451.5	472.8	491.1	480.4	458.4	436.1	412.4	380.6	357.9
50,0°	327.0	400.8	432.0	455.7	461.1	473.9	487.7	483.4	462.4	434.6	408.1	362.7	325.3
52,5°	329.2	407.3	456.4	477.7	484.5	499.6	505.3	497.0	463.5	423.3	381.5	334.3	311.5
55,0°	343.4	414.5	489.4	530.3	545.3	562.1	551.7	525.4	475.1	419.2	362.9	303.1	278.0
57,5°	344.9	447.4	527.2	608.8	628.7	618.3	599.7	560.8	488.5	413.0	343.5	277.3	248.3
60,0°	365.5	499.4	616.7	712.2	709.4	673.8	648.7	595.7	500.0	408.6	330.9	277.1	243.0
62,5°	382.0	492.2	604.2	686.5	731.0	714.9	688.2	618.4	525.8	415.5	317.6	258.9	222.0
65,0°	398.7	488.0	591.6	673.3	731.6	742.3	720.1	645.3	532.0	427.9	306.2	239.1	201.3
67,5°	445.3	556.0	654.2	684.7	719.6	742.5	715.5	639.3	518.7	408.5	288.1	224.4	192.8
70,0°	437.2	611.3	742.9	732.2	718.6	715.8	661.6	577.7	481.2	388.9	284.8	211.1	168.8
72,5°	415.4	601.1	745.2	754.3	718.3	643.9	554.8	497.1	431.2	372.9	256.3	146.8	79.9
75,0°	395.0	544.9	656.0	682.3	642.3	531.3	429.6	403.8	358.9	245.3	111.8	36.6	10.0
77,5°	280.5	372.5	430.3	442.8	397.4	333.4	289.5	230.9	140.4	47.1	7.8	0.0	0.0
80,0°	118.6	154.3	189.4	194.9	165.3	140.7	101.2	41.4	8.9	0.0	0.0	0.0	0.0
82,5°	22.3	28.1	36.5	41.6	37.9	27.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0
85,0°	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87,5°	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
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

Photometric test report

Family Streetlight 11 midi LED	Order number: 5XC3N41F08ME EAN: 4058352559499	LP number 59457_163
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°	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
2,5°	98.6	99.1	101.0	101.8	103.4	104.7	86.5	82.9	78.7	76.7	75.0	73.9	74.2
5,0°	124.8	126.6	127.6	127.5	131.0	134.0	86.1	81.9	78.6	77.6	76.4	73.4	71.8
7,5°	147.8	149.0	148.4	151.1	154.5	154.8	94.1	89.6	85.3	81.2	77.6	75.0	71.4
10,0°	165.9	172.0	175.7	184.2	188.3	186.6	98.1	92.3	86.7	81.0	76.7	73.6	68.8
12,5°	202.3	207.5	211.3	213.9	213.7	211.2	104.3	98.4	92.9	85.1	78.2	71.2	63.9
15,0°	225.4	231.4	234.6	245.0	251.8	249.7	113.0	102.9	93.9	86.9	79.3	68.6	59.2
17,5°	239.2	244.6	249.2	255.0	260.6	264.0	129.0	117.8	105.9	92.1	77.5	68.1	58.0
20,0°	275.0	280.6	283.6	284.2	284.2	285.2	138.4	118.6	101.1	89.2	75.4	65.6	58.1
22,5°	310.7	314.2	315.9	318.0	321.4	323.4	151.1	127.7	104.3	87.8	75.3	63.7	53.3
25,0°	341.5	337.6	342.8	348.8	350.3	352.4	160.0	132.2	103.5	88.2	70.6	57.9	50.1
27,5°	374.8	380.5	383.8	387.9	388.0	387.2	175.8	140.1	98.2	74.1	61.4	53.3	44.7
30,0°	379.5	393.7	407.6	411.8	416.2	419.4	184.6	142.5	99.5	73.6	57.7	48.7	38.8
32,5°	401.0	403.5	412.2	426.4	435.0	437.9	193.3	147.6	104.0	73.3	52.0	40.1	35.2
35,0°	419.2	422.4	422.5	435.6	445.7	448.7	186.7	143.1	99.2	66.6	45.2	35.4	29.5
37,5°	415.6	427.1	432.3	432.2	436.8	440.0	190.5	143.1	98.0	62.3	42.1	34.5	27.7
40,0°	400.5	406.3	413.2	412.8	409.8	408.8	203.0	153.5	96.5	55.6	37.1	30.1	23.0
42,5°	402.4	406.8	400.1	383.3	377.8	385.5	209.2	149.2	86.1	47.7	31.6	22.6	19.0
45,0°	383.4	377.9	365.8	363.7	358.0	348.1	205.7	134.1	71.5	41.1	30.5	22.9	20.5
47,5°	353.3	337.4	324.0	320.1	311.0	304.5	216.3	128.3	59.8	39.0	26.5	22.6	19.1
50,0°	320.4	304.1	287.9	281.2	270.4	271.6	232.3	136.7	54.2	32.9	22.4	18.1	14.6
52,5°	296.6	272.2	245.6	233.2	223.2	221.0	232.0	130.6	47.1	26.1	16.7	13.2	11.8
55,0°	263.0	239.0	214.4	195.3	190.2	195.0	233.6	129.2	49.6	25.2	16.6	12.9	10.2
57,5°	227.9	202.7	178.8	161.7	157.9	162.8	233.0	141.0	52.2	21.8	12.8	11.9	9.9
60,0°	196.3	165.8	147.0	132.3	126.4	124.4	242.3	145.8	57.7	27.6	18.5	13.7	11.9
62,5°	173.7	133.9	112.3	100.0	91.8	90.8	260.8	149.2	55.4	27.0	17.3	12.9	11.5
65,0°	162.4	123.5	92.0	75.5	67.7	66.1	276.7	153.3	50.7	24.0	20.2	14.9	10.8
67,5°	147.6	109.8	75.5	60.0	56.1	54.1	300.7	161.7	45.3	26.5	24.0	17.0	11.5
70,0°	114.6	67.0	38.1	28.1	28.5	29.3	285.9	151.3	44.0	31.3	26.4	19.3	14.1
72,5°	41.7	14.3	7.3	4.1	3.4	3.6	262.8	140.2	44.5	34.2	29.4	22.5	18.5
75,0°	1.2	0.0	0.0	0.0	0.0	0.0	249.7	130.7	39.3	34.0	27.6	23.6	19.6
77,5°	0.0	0.0	0.0	0.0	0.0	0.0	174.3	91.4	26.0	27.2	24.0	19.1	12.8
80,0°	0.0	0.0	0.0	0.0	0.0	0.0	70.5	37.2	13.0	14.3	12.9	6.6	2.7
82,5°	0.0	0.0	0.0	0.0	0.0	0.0	13.4	6.6	2.7	3.4	2.6	0.6	0.0
85,0°	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
87,5°	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
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

Photometric test report

Family Streetlight 11 midi LED	Order number: 5XC3N41F08ME EAN: 4058352559499	LP number 59457_163
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°	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	0.1	0.1
2,5°	72.4	71.5	72.1	69.9	70.0	69.5	69.6	71.1	73.1	74.4	73.9	1.0	1.2
5,0°	69.8	67.0	66.8	66.5	65.8	65.0	63.6	63.8	64.7	65.0	65.3	2.2	3.3
7,5°	66.2	63.1	60.9	59.1	58.9	56.8	55.7	57.1	56.9	56.7	57.3	3.6	6.9
10,0°	63.9	60.2	57.2	55.3	51.9	47.8	47.7	48.7	48.0	49.2	50.9	5.0	11.9
12,5°	59.7	54.4	51.3	50.0	47.1	45.9	45.2	43.9	43.5	43.8	43.9	7.0	18.9
15,0°	52.0	47.6	45.9	43.8	44.1	43.2	40.8	40.7	40.5	39.4	39.3	9.3	28.2
17,5°	51.8	47.6	44.0	40.1	37.4	33.6	32.6	33.4	35.0	36.6	37.5	11.4	39.6
20,0°	52.3	46.9	42.0	35.9	33.2	30.6	29.2	29.0	29.7	31.7	32.1	14.3	53.9
22,5°	46.0	43.7	40.1	31.9	28.8	29.6	28.2	25.0	24.4	26.4	27.1	17.8	71.7
25,0°	43.9	40.8	37.1	29.8	26.1	24.8	22.4	19.8	18.8	19.1	18.9	21.1	92.7
27,5°	38.8	35.1	31.2	27.2	24.5	22.4	20.6	20.3	20.3	19.6	18.8	24.7	117.4
30,0°	32.0	30.1	27.9	24.3	23.8	24.5	21.8	19.2	19.4	21.4	22.9	28.5	145.9
32,5°	30.5	27.8	24.4	20.6	19.6	20.3	20.5	18.6	17.3	19.6	21.7	31.9	177.8
35,0°	25.0	23.6	21.5	18.1	17.1	17.2	15.9	15.8	16.6	16.1	15.4	34.6	212.4
37,5°	22.7	21.4	18.8	15.2	14.2	13.9	13.4	15.5	15.9	13.9	13.1	36.8	249.2
40,0°	18.9	17.9	16.1	14.6	14.4	12.2	12.0	14.1	13.7	12.2	11.9	38.8	288.0
42,5°	16.9	14.0	13.4	13.7	12.5	12.1	11.5	11.0	11.5	9.4	8.3	40.9	328.9
45,0°	16.6	13.6	12.4	13.6	14.8	13.9	10.8	9.7	11.1	8.3	6.2	42.7	371.5
47,5°	13.3	12.7	12.5	11.3	11.8	12.1	10.4	9.1	8.4	6.4	5.4	44.2	415.7
50,0°	11.2	9.0	9.4	9.3	9.3	9.6	8.6	8.0	8.3	6.6	4.5	45.0	460.7
52,5°	10.2	9.2	9.9	9.0	7.5	8.3	7.7	8.5	8.3	6.1	5.8	45.4	506.2
55,0°	9.1	8.7	6.8	5.8	5.7	6.1	6.5	6.7	6.2	5.1	4.7	47.1	553.2
57,5°	9.4	8.1	7.1	6.0	4.8	4.7	4.6	5.0	5.2	4.2	2.8	49.2	602.4
60,0°	10.5	7.0	5.8	5.7	5.0	4.9	3.8	4.1	4.0	3.1	2.7	52.7	655.1
62,5°	10.0	6.9	5.5	5.6	4.5	4.2	3.7	2.7	2.1	2.2	2.4	53.3	708.4
65,0°	10.1	7.2	6.2	5.5	3.3	3.6	3.8	2.5	1.6	1.3	1.3	54.2	762.6
67,5°	8.5	7.8	6.4	4.1	2.3	2.2	2.3	2.1	1.3	1.0	1.1	55.5	818.1
70,0°	9.4	7.8	5.7	3.1	2.3	1.5	1.2	1.4	0.9	0.6	0.8	54.6	872.7
72,5°	13.7	8.3	4.8	2.2	1.1	0.4	0.3	0.5	0.4	0.0	0.0	49.9	922.6
75,0°	13.4	5.5	1.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	41.2	963.8
77,5°	6.3	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.9	988.7
80,0°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	998.3
82,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1000.0
85,0°	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
87,5°	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
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

Photometric test report

Family Streetlight 11 midi LED	Order number: 5XC3N41F08ME EAN: 4058352559499	LP number 59457_163
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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	15930	124.7	132.2	128.4
95	241	252	15115	117.0	124.0	120.5
90	229	250	14362	110.1	116.7	113.4
85	216	248	13547	102.8	109.0	105.9
80	203	246	12731	95.8	101.5	98.6
75	190	243	11916	88.9	94.1	91.5
70	178	241	11164	82.6	87.5	85.0
65	165	238	10348	76.0	80.5	78.2
60	152	235	9533	69.5	73.6	71.6
55	140	232	8780	63.7	67.4	65.6
50	127	229	7965	57.4	60.7	59.0
45	114	225	7150	51.1	54.1	52.6
40	102	221	6397	45.5	48.2	46.8
35	89	216	5582	39.6	41.8	40.7
30	76	210	4766	33.7	35.6	34.7
25	63	203	3951	28.0	29.5	28.8
20	51	195	3199	22.8	24.0	23.4
15	38	184	2383	17.2	18.1	17.6
13	33	179	2070	15.2	16.0	15.6