

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7B37N08LB EAN: 4058352897836	LP number 59065_1162
	Version post-top or side-entry mounting, NEMA 7 pin (DALI)	serial documentation 16.06.2023
	Optic asymmetric, wide distribution (ST0.5a)	
	Cover toughened safety glass	
	Lamps LED 3000 K CRI ≥ 70	
	Controlgear ECG-DALI Plus	
Rated values	Net luminous flux = 14340 lm Power consumption = 98.3 W Luminous efficacy = 145.9 lm/W	

Luminous intensity in cd/klm
C180-0
C205-25
C207.5-27.5
C270-90
Imax: 661 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°	629.6
Imax 80°	99.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

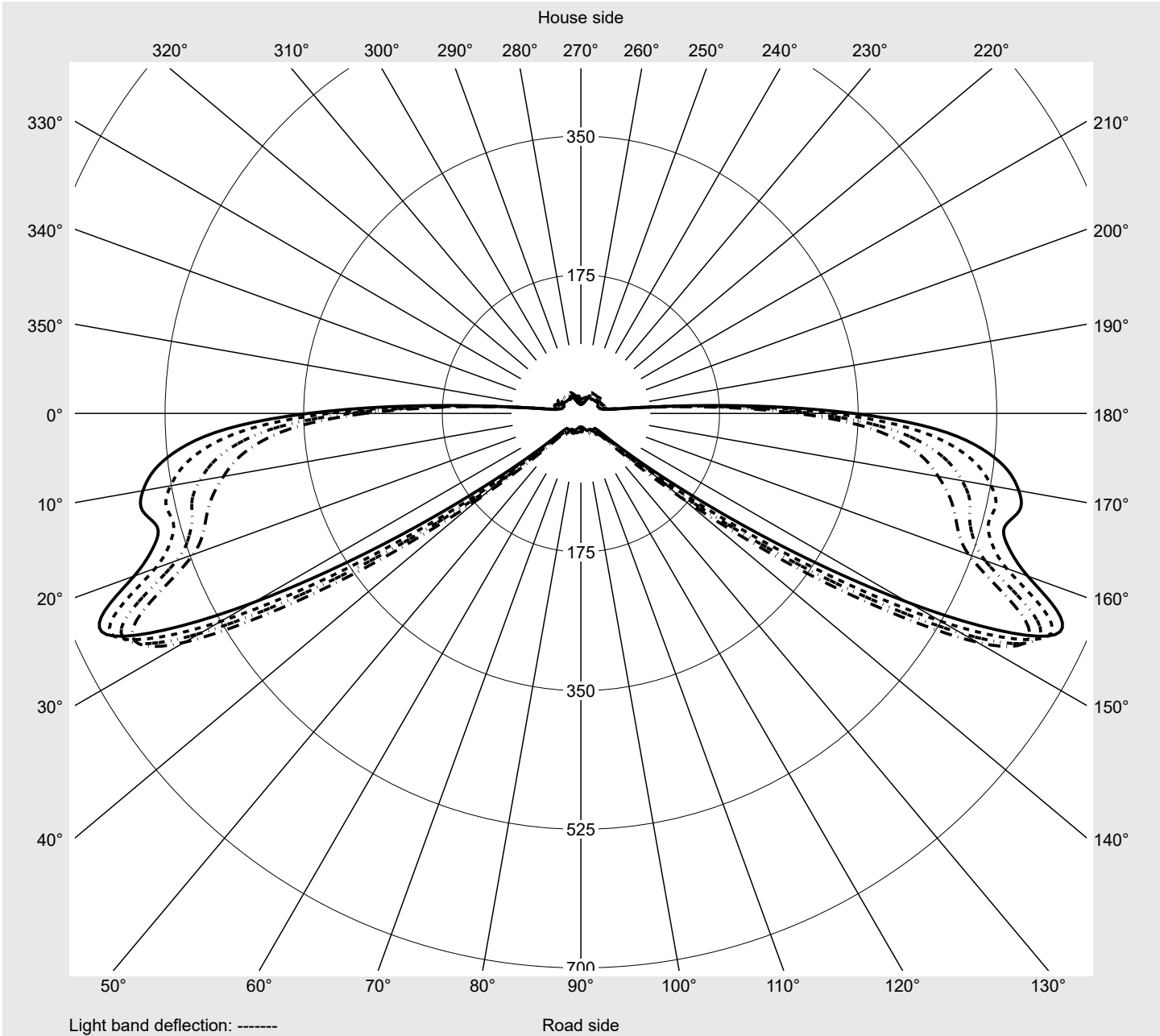
Measurement conditions

DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm **KMK 73°** **KMK 72°** **KMK 71°** **KMK 70°** **siteco**



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Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Luminous intensity in cd/klm														
0,0°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9
2,5°	308.1	308.8	309.3	310.1	310.8	311.3	311.8	312.4	312.9	313.4	313.7	314.3	314.7	315.1	316.0
5,0°	317.7	319.6	321.6	323.5	325.2	326.6	327.6	328.5	329.3	330.1	331.0	332.4	333.0	333.5	333.7
7,5°	334.5	338.4	342.1	345.1	347.7	349.5	351.2	352.4	353.7	354.6	355.3	355.6	355.6	355.3	354.8
10,0°	351.3	358.1	364.1	369.2	373.3	376.6	379.4	381.6	383.3	384.1	384.6	384.4	383.1	381.3	378.6
12,5°	365.0	374.7	383.1	390.4	396.3	402.2	406.9	411.9	413.7	416.2	416.9	416.3	414.2	410.6	405.9
15,0°	374.3	385.3	394.7	402.2	409.1	415.6	422.0	428.1	430.4	433.1	434.2	433.6	431.6	428.4	425.3
17,5°	366.6	377.4	386.3	393.5	400.0	406.2	412.2	417.2	419.8	421.5	421.3	419.8	417.1	413.9	411.0
20,0°	347.4	357.9	364.2	370.8	374.9	380.5	383.7	388.9	389.3	389.1	385.2	383.5	378.6	376.6	370.5
22,5°	337.6	345.7	350.7	355.3	358.9	362.7	365.0	367.5	364.6	359.8	353.3	347.3	340.8	334.2	327.2
25,0°	343.1	350.8	356.8	361.5	366.2	369.4	371.4	370.6	365.9	359.1	351.2	342.5	333.5	323.5	313.5
27,5°	364.4	373.1	379.9	385.6	390.9	395.0	395.9	392.9	387.3	380.2	372.3	364.0	355.5	347.0	337.5
30,0°	383.2	393.7	402.4	410.0	416.8	421.5	422.0	418.2	412.2	405.2	397.5	390.2	383.3	376.7	368.4
32,5°	389.7	403.3	414.6	425.2	434.7	440.7	441.1	437.1	431.2	424.4	417.4	411.8	406.8	402.3	396.2
35,0°	389.9	408.1	422.8	436.2	448.1	454.9	455.0	450.8	444.2	436.7	430.0	424.8	420.3	416.5	413.7
37,5°	389.4	413.4	432.2	449.5	463.9	471.1	469.9	463.8	455.5	446.4	438.5	432.1	426.8	423.8	424.8
40,0°	389.8	420.3	443.7	464.5	480.6	487.4	485.0	477.2	466.8	455.4	445.6	437.8	432.1	430.1	433.0
42,5°	388.6	425.8	453.7	477.2	494.3	500.9	497.4	487.3	474.9	461.5	450.1	442.0	437.8	438.7	442.0
45,0°	382.6	425.9	457.7	483.1	500.5	506.7	502.1	490.3	475.2	459.4	447.1	440.8	440.7	447.7	460.0
46,0°	378.5	424.2	457.4	483.2	500.5	506.5	501.5	489.1	472.7	455.5	442.7	437.9	441.5	453.3	469.4
47,0°	373.1	421.4	456.4	482.8	499.9	505.7	500.5	487.1	469.1	450.4	437.3	434.5	443.8	462.6	479.9
48,0°	367.7	418.5	455.1	481.8	498.7	504.2	498.6	484.5	465.0	444.9	431.9	432.0	447.1	470.0	486.0
49,0°	361.1	414.7	453.0	480.3	496.8	502.0	496.1	481.3	460.4	439.5	427.5	431.0	450.3	474.7	489.4
50,0°	354.0	410.0	450.3	478.1	494.6	499.5	493.4	477.9	455.7	434.5	424.4	431.2	452.1	475.8	489.4
51,0°	346.9	405.0	447.1	475.4	491.9	496.9	490.7	474.6	451.6	431.0	423.2	431.9	452.4	474.4	486.6
52,0°	338.9	399.3	443.0	472.0	488.9	494.4	488.3	471.8	448.7	429.4	423.9	432.9	450.9	469.4	480.7
53,0°	331.3	393.6	439.0	468.6	485.7	491.8	486.1	469.5	447.1	429.9	425.9	434.0	449.2	464.7	475.3
54,0°	323.8	387.7	434.4	464.5	481.9	488.6	483.7	467.9	447.1	432.0	428.6	435.2	447.5	460.6	472.2
55,0°	315.7	381.2	429.2	459.8	477.6	485.1	481.1	466.9	448.4	435.2	431.9	436.8	446.5	458.6	472.3
56,0°	308.5	375.6	424.4	455.3	473.4	481.6	479.1	466.8	450.7	439.1	435.5	438.7	447.2	459.9	475.6
57,0°	301.2	369.6	419.0	450.0	468.5	477.8	477.1	467.3	453.6	443.4	439.3	441.4	449.8	464.8	481.3
58,0°	294.2	363.8	413.9	445.0	463.8	474.3	475.7	468.1	456.6	447.8	443.5	445.5	455.3	472.8	489.0
59,0°	287.8	358.6	409.3	440.2	459.3	471.2	474.9	469.1	459.4	451.9	448.2	451.4	463.7	482.6	496.5
60,0°	281.2	352.9	404.1	434.7	454.0	467.9	474.1	470.1	462.0	455.9	453.5	459.6	476.1	496.8	505.2
61,0°	275.7	348.2	399.8	430.1	449.8	465.3	473.5	471.2	464.6	460.2	459.9	469.9	489.9	509.8	510.1
62,0°	270.9	343.8	395.4	425.6	445.9	463.0	473.1	472.3	467.5	465.0	467.7	481.9	504.6	522.3	512.5
63,0°	266.1	339.3	390.7	421.0	442.6	461.3	472.8	473.6	471.0	471.0	477.7	496.8	522.5	533.2	507.7
64,0°	262.4	336.0	386.9	417.2	439.9	460.0	472.6	475.0	475.0	478.4	490.0	513.9	539.4	539.5	498.2
65,0°	259.0	332.9	383.5	414.0	437.6	459.0	472.4	476.3	479.3	487.3	504.4	532.5	553.7	539.0	483.0
66,0°	256.6	330.6	380.9	411.6	436.4	458.8	472.5	477.9	484.3	498.3	522.3	552.6	564.1	531.2	460.2
67,0°	255.8	329.5	378.9	409.8	435.4	457.7	472.8	480.0	490.4	511.5	543.0	572.8	569.4	519.5	439.1
68,0°	256.9	330.8	380.0	411.0	436.2	457.8	474.1	483.3	497.7	526.9	566.8	593.5	572.4	504.8	412.3
69,0°	262.1	338.0	387.8	418.7	442.0	461.6	478.2	489.1	507.1	545.2	593.9	614.9	578.0	493.5	388.3
70,0°	273.1	354.5	405.0	437.4	458.2	475.8	488.7	500.0	521.1	567.1	619.4	629.6	577.9	474.0	361.2
71,0°	292.3	380.4	434.2	467.9	488.6	502.8	508.0	519.1	543.1	594.3	640.0	629.2	555.4	441.6	324.0
72,0°	318.8	414.0	471.3	505.8	526.0	536.5	532.9	543.9	571.9	624.9	655.4	616.0	525.2	404.9	284.4

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Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Luminous intensity in cd/klm														
0,0°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9
2,5°	316.4	316.7	317.0	317.2	317.9	318.4	318.7	318.5	318.5	318.4	318.7	319.2	319.3	319.4	319.5
5,0°	334.2	333.8	334.5	334.3	334.7	334.4	334.7	334.6	334.1	333.8	333.7	333.1	333.2	332.9	333.0
7,5°	354.1	353.4	352.6	351.5	350.2	349.0	347.8	346.0	344.7	343.2	341.8	340.5	339.2	338.1	337.0
10,0°	376.0	372.5	369.3	365.0	361.2	357.0	352.8	349.2	345.8	342.6	339.7	337.3	335.1	333.0	331.2
12,5°	400.3	393.0	385.1	377.4	369.8	362.7	356.8	351.0	345.7	340.9	336.8	333.2	330.1	327.3	324.8
15,0°	422.3	415.9	407.6	397.9	387.0	376.0	363.8	354.9	346.8	339.9	334.1	328.9	324.4	320.5	317.1
17,5°	407.4	403.1	399.0	393.8	387.9	380.5	368.8	359.1	348.8	339.0	330.7	323.9	318.1	313.0	308.6
20,0°	370.3	364.8	363.7	360.0	358.5	356.2	353.8	350.7	345.5	337.7	328.6	319.8	312.7	307.0	302.0
22,5°	324.7	323.4	323.0	322.5	321.8	321.3	322.5	324.0	325.5	325.9	323.2	317.2	310.3	304.4	299.7
25,0°	305.4	299.2	294.2	291.7	291.4	293.2	296.0	298.2	301.8	306.7	311.3	312.8	311.0	307.2	303.7
27,5°	326.8	314.7	302.3	291.6	283.8	281.8	281.0	282.7	286.5	292.4	300.1	307.7	312.2	312.5	310.8
30,0°	358.5	347.3	334.9	320.1	303.0	290.1	280.6	277.6	279.6	284.8	292.6	302.7	312.5	317.9	318.4
32,5°	390.1	383.0	373.1	358.2	338.8	317.9	298.9	286.6	282.2	285.6	293.9	304.9	316.5	325.1	327.2
35,0°	412.8	410.5	403.1	389.5	370.8	350.0	328.9	311.1	300.6	300.7	308.4	318.5	328.0	335.2	336.5
37,5°	427.9	427.9	422.2	411.3	397.0	383.4	368.5	354.5	342.9	336.3	335.0	337.3	340.2	343.0	343.2
40,0°	436.3	435.4	431.9	430.4	432.0	428.5	419.2	404.4	384.6	363.9	348.8	341.9	339.9	340.5	341.6
42,5°	444.8	449.7	458.7	466.4	467.2	458.0	443.8	422.6	395.1	366.9	344.4	333.2	333.2	338.3	344.5
45,0°	471.7	478.6	481.0	478.9	471.1	456.3	436.7	412.4	386.5	362.1	342.3	332.2	333.6	340.1	345.4
46,0°	481.0	485.1	483.6	476.8	465.0	448.9	429.3	406.9	383.5	360.9	341.8	330.6	329.9	335.0	339.0
47,0°	488.2	488.4	481.5	469.7	455.5	440.6	422.2	401.8	380.0	358.3	338.8	325.5	322.2	325.4	327.7
48,0°	491.2	487.6	477.3	463.5	448.9	433.2	415.5	395.8	374.3	352.4	331.6	315.9	309.3	310.1	309.7
49,0°	491.2	484.0	471.7	457.6	443.2	426.9	408.4	387.8	365.0	342.1	319.7	302.0	292.3	290.6	287.7
50,0°	489.0	479.4	467.2	453.6	437.9	419.4	398.5	375.6	350.3	326.0	302.0	283.0	270.0	266.4	260.2
51,0°	485.7	476.5	465.0	451.1	433.6	410.2	385.4	358.9	331.0	304.9	280.3	259.6	244.7	238.2	231.8
52,0°	482.0	475.5	463.8	447.0	425.1	397.5	367.6	337.4	307.2	280.3	255.6	234.8	218.9	211.2	203.0
53,0°	479.7	476.0	463.1	442.4	415.1	380.2	344.6	311.1	279.6	252.5	228.2	207.9	191.7	182.3	171.4
54,0°	479.7	477.0	462.4	437.7	404.0	360.0	320.0	284.8	253.0	226.4	202.9	183.2	167.5	156.5	144.4
55,0°	482.0	478.2	458.5	424.8	380.3	334.6	292.3	256.3	224.8	199.1	176.9	158.5	143.4	132.2	120.7
56,0°	485.2	478.1	452.2	409.3	358.0	306.7	262.7	226.2	194.9	170.2	149.7	133.5	120.7	111.0	100.4
57,0°	488.5	475.9	439.7	388.7	331.1	279.3	234.3	198.3	167.4	144.5	126.3	113.0	100.6	89.9	79.7
58,0°	490.7	468.6	421.3	362.1	301.7	250.7	205.4	170.2	140.2	120.1	103.6	91.9	79.0	71.2	63.9
59,0°	491.3	459.3	402.7	339.0	277.5	222.8	178.0	143.6	116.0	97.5	83.3	73.4	65.0	59.6	55.0
60,0°	487.7	441.4	375.6	308.4	246.1	194.9	151.0	118.8	94.3	79.1	69.2	62.4	56.3	52.0	48.7
61,0°	479.5	421.8	350.5	281.6	219.5	167.3	125.1	96.3	76.4	65.2	58.8	54.5	50.1	46.7	44.1
62,0°	468.6	402.1	327.6	257.9	195.2	142.7	104.1	79.5	63.7	55.8	52.5	50.0	46.6	43.5	41.4
63,0°	448.5	374.0	296.7	225.8	163.9	119.3	86.3	65.8	53.8	49.6	48.7	47.1	44.1	41.2	39.2
64,0°	429.0	349.4	271.4	199.8	140.1	98.8	71.3	54.6	46.9	45.4	45.5	44.1	41.5	38.9	37.1
65,0°	402.8	321.3	240.0	172.2	116.0	81.9	59.2	47.3	42.7	42.3	42.5	41.0	38.8	36.7	35.0
66,0°	374.2	289.5	209.3	142.9	95.4	67.0	49.8	42.3	39.4	39.3	39.5	38.2	36.0	34.5	32.9
67,0°	348.9	262.5	182.0	120.9	79.2	54.9	43.5	39.0	36.7	36.5	36.6	35.3	33.4	31.9	30.7
68,0°	315.2	226.5	148.9	95.5	60.6	45.7	39.2	36.5	34.4	34.0	33.9	32.9	31.3	30.0	28.8
69,0°	286.1	195.6	124.1	76.6	49.3	39.1	35.9	34.3	32.0	31.4	31.7	30.8	29.0	27.9	26.9
70,0°	252.1	165.7	100.4	61.6	41.0	35.0	33.3	32.4	29.9	29.3	29.7	28.9	27.5	26.7	25.6
71,0°	217.4	134.7	78.5	47.2	34.4	31.5	30.7	30.2	27.6	27.1	27.2	26.7	26.0	25.8	24.9
72,0°	185.4	111.2	61.4	37.3	29.8	28.3	28.1	27.9	25.7	24.9	25.0	24.6	24.6	24.6	23.7

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Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Luminous intensity in cd/klm														
0,0°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9
2,5°	319.6	320.3	320.4	320.5	320.5	320.5	320.6	307.4	306.6	305.7	304.9	304.1	303.3	302.5	301.7
5,0°	332.8	332.3	332.4	332.0	331.9	331.9	331.6	315.8	314.0	312.2	310.1	308.0	305.9	303.8	301.9
7,5°	335.8	334.8	333.9	333.1	332.6	332.3	332.2	330.4	326.4	322.7	319.0	315.0	311.1	307.1	303.3
10,0°	329.4	327.9	326.6	325.5	324.6	324.0	324.0	344.4	337.6	331.0	325.0	318.7	312.8	307.1	301.5
12,5°	322.6	320.6	318.8	317.3	316.2	315.1	315.2	355.2	345.5	336.4	327.9	320.0	312.5	305.2	298.1
15,0°	314.3	311.8	309.6	307.8	306.3	305.1	304.9	362.8	351.5	341.2	332.3	324.8	316.4	308.1	300.0
17,5°	305.0	302.1	299.6	297.6	296.0	294.8	294.4	354.5	342.5	332.0	323.3	317.1	310.9	305.2	300.2
20,0°	297.9	294.7	292.3	290.3	288.9	288.1	287.9	335.9	322.0	310.8	299.8	290.8	282.7	277.5	271.8
22,5°	296.0	293.1	291.0	289.7	289.0	288.8	288.7	326.1	311.7	297.9	284.1	271.1	259.0	247.9	233.0
25,0°	301.4	299.9	298.7	298.2	298.3	298.6	298.5	331.2	315.9	298.6	280.3	260.1	239.3	214.6	187.6
27,5°	309.2	308.4	307.6	307.3	307.4	307.9	308.1	352.2	335.4	315.0	292.1	266.2	235.2	197.2	161.6
30,0°	316.8	315.7	314.8	314.1	313.7	314.0	314.4	369.6	351.6	329.1	302.6	270.7	231.0	186.0	152.9
32,5°	324.4	321.1	318.5	316.5	314.9	313.8	313.7	373.3	352.9	327.9	297.7	258.9	212.1	170.0	147.0
35,0°	331.2	324.6	319.6	316.2	313.4	311.3	310.4	368.2	343.5	314.5	279.1	233.0	183.4	152.3	139.8
37,5°	337.4	328.9	322.2	317.9	314.9	312.6	311.5	360.8	330.0	296.2	252.7	199.6	157.7	138.7	135.4
40,0°	338.4	330.6	323.8	319.3	316.4	314.6	314.1	353.5	315.8	275.9	222.7	168.6	137.6	131.2	131.7
42,5°	346.2	341.7	336.4	334.0	332.2	332.0	331.2	344.6	299.7	250.6	190.5	143.5	126.1	125.5	126.0
45,0°	346.9	342.5	338.3	336.3	336.6	336.8	336.9	331.8	280.5	222.3	160.9	124.3	117.0	118.3	120.2
46,0°	339.6	335.3	331.8	330.6	331.5	331.7	332.1	325.1	271.5	210.7	150.4	118.6	112.9	114.5	117.0
47,0°	327.4	323.1	320.0	318.5	319.7	320.3	321.0	317.3	261.5	198.6	140.4	113.4	110.0	112.1	114.3
48,0°	307.8	302.7	300.0	298.5	300.0	300.0	301.7	309.5	251.7	187.5	132.0	108.8	106.5	109.3	110.9
49,0°	284.6	279.0	276.1	273.5	275.2	274.7	277.1	300.8	240.9	176.0	124.1	104.0	102.1	106.3	107.7
50,0°	257.2	248.9	247.1	241.0	245.0	241.1	247.2	291.3	229.9	164.9	116.7	99.4	98.7	103.4	104.4
51,0°	226.1	216.8	210.7	203.9	204.2	201.1	204.1	282.2	219.2	154.6	110.0	95.2	94.9	99.8	100.4
52,0°	193.4	178.9	171.2	163.6	163.7	160.8	162.9	272.2	207.9	144.5	103.2	91.0	93.1	96.9	96.8
53,0°	157.3	142.6	134.9	129.0	128.7	127.0	127.7	263.1	197.8	135.9	96.6	85.8	92.5	96.3	93.9
54,0°	130.0	116.6	110.4	106.6	106.7	105.2	105.6	254.0	187.8	127.7	89.8	77.9	80.9	90.3	91.2
55,0°	108.7	98.6	93.6	90.3	89.8	87.9	88.4	244.5	177.7	119.9	83.7	70.6	70.0	78.2	84.8
56,0°	89.1	79.9	76.0	73.7	73.4	71.8	72.5	235.9	169.1	113.3	79.2	66.5	65.4	69.3	74.6
57,0°	72.1	66.7	64.0	62.7	62.6	61.2	61.9	227.6	160.9	107.2	75.1	63.5	62.8	65.3	67.5
58,0°	60.4	56.6	55.5	54.6	55.0	53.2	54.3	219.6	153.6	101.8	71.4	60.9	60.8	63.2	64.6
59,0°	52.4	50.1	49.2	48.8	48.9	47.7	48.1	212.3	147.1	97.1	68.2	58.8	58.8	61.2	61.8
60,0°	47.0	45.2	44.5	44.8	44.8	44.1	44.0	205.1	140.7	92.5	65.1	56.9	57.3	59.5	59.6
61,0°	42.9	41.8	41.6	42.3	42.2	41.9	41.9	199.1	135.3	88.4	62.4	55.3	56.1	58.0	57.6
62,0°	40.5	39.5	39.5	40.3	40.4	40.0	40.0	193.8	130.0	83.9	59.4	53.5	54.7	56.4	55.3
63,0°	38.4	37.5	37.5	38.5	38.4	38.2	38.0	187.8	122.6	77.5	55.7	51.3	53.3	54.9	53.4
64,0°	36.3	35.5	35.7	36.4	36.5	36.1	36.1	181.9	113.9	70.4	51.9	48.9	51.1	52.7	51.1
65,0°	34.3	33.6	33.9	34.5	35.1	34.1	33.8	175.7	105.1	64.0	48.3	46.1	48.2	50.1	48.5
66,0°	32.4	31.8	32.3	32.9	33.2	31.9	31.8	171.5	98.8	59.6	45.2	43.6	46.1	47.8	46.3
67,0°	30.3	30.3	30.8	31.0	30.7	29.6	29.7	169.3	95.0	56.0	42.3	41.1	43.1	44.2	42.4
68,0°	28.5	28.7	29.1	29.0	28.2	27.5	27.6	168.9	92.3	52.6	39.2	38.3	40.7	42.0	39.7
69,0°	26.8	26.9	26.8	26.3	25.7	25.3	25.3	171.0	91.1	49.7	36.5	35.5	37.7	38.4	36.7
70,0°	25.3	25.0	24.5	23.8	23.4	23.1	23.2	176.6	91.3	46.9	33.6	32.5	34.1	34.8	33.4
71,0°	24.0	23.1	22.3	21.5	21.3	20.8	21.2	187.1	93.6	44.6	30.8	29.5	30.4	31.1	29.9
72,0°	22.6	21.5	20.5	19.7	19.2	18.9	19.6	202.6	97.4	43.4	29.6	27.0	26.6	27.3	26.5

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7B37N08LB EAN: 4058352897836	LP number 59065_1162
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	202,5° 337,5°	205,0° 335,0°	207,5° 332,5°	210,0° 330,0°	212,5° 327,5°	215,0° 325,0°	217,5° 322,5°	220,0° 320,0°	222,5° 317,5°	225,0° 315,0°	227,5° 312,5°	230,0° 310,0°	232,5° 307,5°	235,0° 305,0°	237,5° 302,5°
γ	Luminous intensity in cd/klm														
0,0°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9
2,5°	300.8	300.0	299.2	298.5	297.9	297.2	296.6	295.6	295.1	294.7	293.9	293.0	292.2	291.8	291.4
5,0°	299.9	297.9	295.8	293.9	292.0	290.0	288.1	286.3	285.1	283.1	281.6	279.9	278.1	276.7	275.1
7,5°	299.3	295.5	291.9	288.2	284.6	281.2	277.8	274.5	271.1	268.5	265.5	262.6	259.7	257.0	254.2
10,0°	295.8	290.5	285.1	279.9	274.8	269.7	264.6	259.6	254.3	250.9	245.7	240.6	235.0	228.9	224.1
12,5°	291.1	284.9	278.4	271.7	264.4	256.9	248.5	239.9	230.8	221.7	212.5	203.3	196.6	189.1	183.5
15,0°	292.0	284.1	275.3	264.8	252.6	239.9	227.6	215.3	204.7	194.9	185.8	179.6	174.4	169.4	164.7
17,5°	294.8	286.5	271.0	256.3	241.4	227.2	214.9	204.5	195.6	187.5	180.0	172.4	165.0	157.9	151.1
20,0°	265.4	252.3	241.8	231.6	225.4	220.0	214.3	206.8	197.1	186.1	175.0	164.1	154.5	146.3	139.3
22,5°	216.2	200.7	193.5	192.2	193.9	195.8	196.1	193.8	188.2	179.8	170.0	159.5	149.6	141.1	134.0
25,0°	165.2	153.2	152.2	156.0	159.5	162.5	164.3	165.4	165.1	163.0	158.6	152.3	144.9	136.3	127.5
27,5°	137.8	126.7	123.1	123.9	126.3	131.0	136.3	140.1	141.1	140.2	138.4	135.9	131.3	124.8	117.9
30,0°	135.2	125.1	117.8	113.7	111.8	112.0	113.5	115.5	117.7	119.5	119.7	119.0	115.4	109.3	103.7
32,5°	135.3	128.6	124.1	119.1	114.6	109.5	105.2	102.3	101.4	101.5	101.2	98.6	96.3	94.2	91.4
35,0°	135.5	132.2	127.1	121.5	115.0	108.7	102.7	96.5	90.3	85.3	82.4	80.7	79.5	77.8	76.5
37,5°	134.1	130.4	125.7	118.9	112.1	105.3	96.7	86.7	78.5	73.7	71.1	68.9	68.4	69.0	69.6
40,0°	130.1	126.5	120.3	113.5	106.7	96.5	84.8	76.1	70.8	67.4	65.0	63.4	62.6	62.7	63.7
42,5°	125.1	120.2	113.4	106.5	95.6	83.2	74.7	69.7	66.3	63.3	60.9	59.2	58.7	59.0	59.8
45,0°	118.4	112.1	106.0	95.2	82.0	72.8	67.7	64.4	61.8	59.8	58.1	57.0	56.4	56.3	56.7
46,0°	114.6	108.5	101.3	89.3	77.1	69.3	65.0	62.2	60.2	58.6	57.3	56.4	55.7	55.4	55.7
47,0°	111.3	105.7	97.0	83.9	72.7	66.2	62.5	60.2	58.7	57.5	56.6	55.8	55.2	54.8	54.8
48,0°	107.4	101.8	92.1	78.9	69.0	63.5	60.4	58.6	57.5	56.6	55.8	55.2	54.6	54.2	54.1
49,0°	103.6	97.5	86.4	73.8	65.4	60.9	58.5	57.2	56.4	55.7	55.1	54.5	53.9	53.5	53.4
50,0°	100.6	93.7	81.6	69.5	62.3	58.6	56.9	56.0	55.4	54.8	54.3	53.9	53.3	52.9	52.7
51,0°	97.0	89.0	76.0	65.2	59.5	56.7	55.5	54.8	54.3	53.9	53.5	53.1	52.6	52.2	52.1
52,0°	93.4	84.5	71.3	61.6	57.1	55.1	54.2	53.7	53.3	53.0	52.7	52.3	51.9	51.5	51.4
53,0°	89.7	80.2	67.1	58.7	55.3	53.8	53.0	52.6	52.3	52.1	51.8	51.6	51.2	50.8	50.7
54,0°	85.9	74.6	62.3	55.9	53.6	52.4	51.8	51.5	51.3	51.1	50.8	50.6	50.3	50.1	49.9
55,0°	82.0	70.0	58.6	53.7	52.0	51.1	50.6	50.4	50.3	50.1	49.9	49.7	49.5	49.4	49.2
56,0°	75.1	65.9	56.0	52.0	50.6	49.8	49.3	49.2	49.1	49.1	48.9	48.9	48.8	48.7	48.3
57,0°	66.5	59.5	53.1	50.4	49.2	48.5	48.1	48.0	47.9	47.9	47.9	47.9	47.8	47.8	47.5
58,0°	61.1	53.8	50.2	48.9	47.8	47.2	46.9	46.7	46.6	46.6	46.9	46.9	46.8	46.8	46.7
59,0°	56.8	48.9	46.3	46.6	46.5	46.1	45.7	45.5	45.4	45.6	45.8	45.7	45.7	45.7	45.6
60,0°	54.0	46.5	43.7	44.1	45.1	44.9	44.5	44.2	44.2	44.4	44.6	44.7	44.6	44.7	44.6
61,0°	51.6	44.9	42.4	42.5	43.8	43.7	43.4	43.1	43.1	43.3	43.4	43.5	43.4	43.6	43.5
62,0°	49.0	43.3	41.2	41.4	42.6	42.5	42.2	41.9	41.8	42.0	42.1	42.1	42.1	42.2	42.2
63,0°	46.9	41.9	40.4	40.8	41.5	41.3	41.0	40.8	40.6	40.7	40.8	40.8	40.8	41.0	41.0
64,0°	44.9	40.6	39.6	40.4	40.5	40.1	39.9	39.7	39.4	39.4	39.3	39.5	39.4	39.6	39.5
65,0°	42.5	39.2	38.8	39.7	39.4	38.9	38.6	38.5	38.1	38.0	37.9	38.1	38.0	38.0	38.1
66,0°	40.7	38.1	37.7	38.7	38.3	37.7	37.4	37.2	36.8	36.5	36.4	36.6	36.4	36.5	36.7
67,0°	38.0	36.5	36.4	37.4	37.0	36.4	36.1	35.8	35.3	35.0	34.8	34.8	34.6	34.6	34.8
68,0°	35.8	34.9	35.5	36.0	35.5	34.9	34.6	34.3	33.7	33.3	33.0	33.0	32.9	33.0	33.3
69,0°	33.4	33.3	34.5	34.8	34.0	33.3	33.0	32.7	32.1	31.6	31.2	31.2	31.1	31.2	31.5
70,0°	30.8	31.0	32.7	33.0	32.4	31.6	31.1	30.8	30.2	29.8	29.4	29.6	29.5	29.2	29.5
71,0°	28.2	28.5	30.3	31.0	30.4	29.5	29.0	28.6	28.1	27.8	27.5	27.8	27.4	27.1	27.0
72,0°	25.4	25.9	27.1	28.0	28.0	27.2	26.5	26.2	25.9	25.8	25.6	25.6	24.8	24.6	24.4

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7B37N08LB EAN: 4058352897836	LP number 59065_1162
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	240,0° 300,0°	242,5° 297,5°	245,0° 295,0°	247,5° 292,5°	250,0° 290,0°	252,5° 287,5°	255,0° 285,0°	257,5° 282,5°	260,0° 280,0°	262,5° 277,5°	265,0° 275,0°	267,5° 272,5°	270,0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm													Luminous flux in lm/klm	
0,0°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	0.5	0.5
2,5°	290.8	290.1	289.6	289.3	289.0	288.5	288.4	288.3	287.9	287.7	287.4	287.7	288.1	3.7	4.1
5,0°	273.6	272.1	271.1	269.8	268.7	268.1	267.1	266.4	265.9	265.5	265.0	264.7	264.9	7.4	11.5
7,5°	251.6	249.3	246.8	244.8	242.7	240.9	239.3	237.8	236.7	235.9	235.1	234.5	234.5	11.1	22.6
10,0°	218.0	213.6	208.8	204.6	200.9	197.3	194.4	192.0	189.7	188.2	187.0	185.9	186.6	14.5	37.1
12,5°	178.2	173.7	169.8	166.3	163.3	160.7	158.3	156.5	154.8	153.6	152.7	151.8	152.0	17.8	54.9
15,0°	160.0	155.3	150.9	146.8	143.0	139.8	136.9	134.5	132.5	130.9	129.8	128.9	129.1	21.1	76.0
17,5°	144.9	139.3	134.3	129.9	126.2	123.0	120.3	118.0	116.2	114.9	114.0	113.4	113.1	23.8	99.8
20,0°	133.8	129.3	125.2	121.6	118.0	114.8	111.8	109.2	107.1	105.4	104.5	103.6	103.8	25.4	125.2
22,5°	127.8	122.2	116.9	112.2	107.9	104.1	100.9	98.2	96.1	94.5	93.5	92.8	92.7	26.5	151.7
25,0°	119.2	111.8	105.9	102.0	99.3	97.4	95.6	93.7	91.7	89.9	88.7	87.8	87.7	28.0	179.7
27,5°	110.9	104.4	98.6	94.1	90.8	88.5	86.9	85.7	84.7	83.6	82.8	82.1	82.0	30.5	210.3
30,0°	99.1	95.5	92.2	88.3	83.2	78.3	74.9	72.7	71.4	70.3	69.7	69.2	69.0	33.5	243.8
32,5°	87.0	82.3	78.2	75.1	72.7	70.9	69.5	68.4	67.5	66.7	66.3	65.8	65.8	36.6	280.4
35,0°	75.5	74.4	72.8	70.8	69.0	67.5	66.4	65.6	64.9	64.3	64.0	63.5	63.3	39.5	319.9
37,5°	69.5	69.0	68.6	67.9	66.9	65.9	64.9	63.9	63.0	62.2	61.5	60.9	60.6	42.5	362.5
40,0°	64.9	65.5	65.7	65.4	64.7	63.4	62.3	61.2	60.5	59.7	59.0	58.2	58.2	45.4	407.9
42,5°	60.9	61.9	62.3	62.1	61.7	61.0	60.3	59.7	58.9	58.1	57.1	56.4	56.2	48.1	456.0
45,0°	57.5	58.4	59.2	59.4	59.0	58.3	57.8	57.3	56.8	55.9	55.0	54.1	53.8	34.8	490.8
46,0°	56.4	57.3	57.9	57.9	57.7	57.4	57.3	56.9	56.2	55.4	54.4	53.5	53.2	20.1	510.9
47,0°	55.3	56.2	56.9	57.0	57.0	57.0	56.9	56.4	55.7	54.7	53.6	52.7	52.5	20.2	531.1
48,0°	54.4	55.1	55.9	56.3	56.5	56.5	56.3	55.9	55.3	54.1	53.0	52.0	51.8	20.1	551.2
49,0°	53.6	54.2	55.1	55.7	55.8	55.9	55.8	55.3	54.6	53.3	52.1	51.1	50.9	19.9	571.2
50,0°	52.9	53.5	54.4	55.1	55.4	55.4	55.3	54.7	53.9	52.6	51.3	50.2	49.9	19.6	590.8
51,0°	52.3	52.7	53.6	54.3	54.9	54.9	54.7	54.0	52.9	51.8	50.4	49.1	48.8	19.2	610.1
52,0°	51.6	52.1	52.8	53.8	54.4	54.3	54.0	53.1	52.1	50.8	49.2	48.0	47.6	18.7	628.8
53,0°	50.9	51.4	52.2	53.0	53.6	53.6	53.2	52.3	51.1	49.8	48.2	46.8	46.3	18.2	647.0
54,0°	49.9	50.4	51.4	52.1	52.6	52.7	52.4	51.4	50.0	48.6	47.1	45.7	45.1	17.8	664.8
55,0°	49.2	49.8	50.6	51.3	51.8	51.7	51.5	50.5	49.1	47.5	46.0	44.5	44.2	17.3	682.1
56,0°	48.3	48.8	49.6	50.4	50.9	50.8	50.3	49.3	48.1	46.3	45.0	43.4	43.0	16.8	698.9
57,0°	47.4	47.7	48.6	49.5	50.0	49.8	49.0	48.1	46.7	45.2	43.8	42.5	41.9	16.4	715.3
58,0°	46.5	46.5	47.3	48.3	49.1	48.7	47.9	46.8	45.4	44.0	42.8	41.5	41.0	16.0	731.4
59,0°	45.2	45.2	45.8	46.7	47.6	47.5	46.6	45.4	44.0	42.7	41.5	40.5	40.0	15.7	747.1
60,0°	44.3	43.9	44.3	45.3	46.2	46.1	45.4	44.4	42.8	41.3	40.3	39.5	39.4	15.4	762.5
61,0°	43.1	42.6	42.8	43.8	44.7	44.8	44.3	43.4	41.7	40.0	38.9	38.3	38.4	15.2	777.6
62,0°	41.8	41.3	41.3	42.0	42.9	43.0	42.6	41.8	40.1	38.2	37.3	36.7	36.8	15.0	792.6
63,0°	40.7	40.3	40.1	40.3	41.4	41.4	40.9	39.9	38.2	36.6	35.8	35.3	35.4	14.7	807.4
64,0°	39.5	39.1	38.9	38.9	39.5	39.1	38.8	37.6	36.3	34.7	34.2	33.8	34.1	14.5	821.9
65,0°	38.2	38.2	37.9	37.4	37.3	36.9	36.5	35.4	34.4	32.7	32.3	31.9	32.2	14.3	836.2
66,0°	37.1	37.2	37.0	35.8	35.1	34.2	33.7	33.0	32.3	31.0	30.3	29.9	30.4	14.1	850.3
67,0°	35.6	35.7	35.0	33.4	32.1	31.3	31.1	30.6	30.2	28.9	28.0	27.5	27.8	13.9	864.2
68,0°	34.0	33.8	32.8	31.4	30.1	28.9	28.7	28.0	27.6	26.1	25.7	25.3	25.3	13.7	877.8
69,0°	32.1	31.4	30.9	29.4	28.0	26.1	25.9	25.2	25.1	24.0	23.6	22.7	23.0	13.6	891.4
70,0°	29.5	29.5	28.8	27.2	25.5	23.5	22.8	22.7	22.0	22.2	21.4	20.4	20.5	13.6	905.0
71,0°	27.2	27.6	26.8	24.9	22.8	20.5	19.6	20.5	19.3	20.7	18.9	18.0	18.0	13.6	918.6
72,0°	25.0	24.9	24.4	21.7	20.0	17.7	16.6	17.6	17.3	17.0	15.7	15.0	15.2	13.7	932.3

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7B37N08LB EAN: 4058352897836	LP number 59065_1162
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siteco

Table of values for luminous intensities Maximum luminous intensity

C-planes	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Luminous intensity in cd/klm														
73,0°	344.9	447.8	507.5	542.8	561.4	567.1	553.8	566.9	600.3	650.6	660.7	591.8	477.7	349.1	231.2
74,0°	352.2	458.6	518.1	551.3	570.9	574.4	557.7	575.6	615.5	657.3	646.7	555.6	425.9	295.7	179.8
75,0°	324.1	422.3	480.5	511.8	538.1	546.6	531.6	556.8	602.4	629.9	604.7	507.1	371.5	222.9	117.1
76,0°	241.2	309.5	358.5	381.0	417.1	439.4	460.2	496.0	545.8	557.7	526.9	433.9	295.2	139.9	62.5
77,0°	150.2	185.1	212.0	226.8	258.3	284.6	344.4	387.7	438.0	439.6	413.4	330.6	209.0	86.4	36.0
78,0°	84.0	97.0	114.3	117.0	139.8	156.0	222.4	262.1	304.9	299.8	280.3	205.9	112.3	39.9	21.4
79,0°	37.7	43.8	50.1	53.9	65.3	79.2	127.4	158.4	188.8	180.6	159.4	96.4	35.5	15.5	12.4
80,0°	17.0	18.5	20.7	22.2	26.3	31.9	62.5	81.1	99.6	98.2	78.1	38.2	14.5	10.2	9.7
81,0°	8.6	9.0	9.8	10.7	12.1	13.9	26.2	30.6	37.9	40.4	30.7	14.9	8.5	7.6	7.4
82,0°	5.8	6.0	6.4	7.0	7.6	7.8	11.4	11.1	12.4	14.5	10.7	7.1	6.0	5.9	5.6
83,0°	4.4	4.4	4.8	5.1	5.4	5.5	6.2	6.0	6.5	7.5	6.5	5.0	4.4	4.7	4.9
84,0°	3.1	3.1	3.3	3.3	3.6	3.5	3.9	3.8	4.1	4.4	4.3	3.6	3.1	3.2	3.3
85,0°	2.4	2.4	2.5	2.5	2.5	2.3	2.6	2.5	2.7	2.8	2.8	2.5	2.4	2.3	2.5
86,0°	2.0	1.8	2.0	1.8	1.8	1.8	1.9	1.8	1.9	1.8	1.9	1.7	1.6	1.5	1.6
87,0°	1.5	1.5	1.5	1.3	1.3	1.3	1.4	1.3	1.3	1.2	1.3	1.1	1.0	1.0	1.0
88,0°	1.3	1.3	1.2	1.0	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.8	0.8
89,0°	1.0	1.0	1.0	1.1	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.5
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	0.0	0.0

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7B37N08LB EAN: 4058352897836	LP number 59065_1162
		siteco

C-planes	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Luminous intensity in cd/klm														
73,0°	140.1	81.8	45.1	29.6	25.7	25.7	25.8	26.0	24.1	23.0	23.0	22.6	22.9	23.0	21.9
74,0°	96.0	52.5	31.7	24.5	22.9	23.3	23.6	24.0	22.8	21.6	21.4	21.0	21.1	20.8	20.1
75,0°	55.3	31.2	23.0	22.8	22.9	22.2	22.0	22.2	21.4	20.5	20.1	19.8	19.3	19.1	18.4
76,0°	30.4	20.5	18.7	21.3	23.3	22.2	21.7	20.9	19.6	18.9	18.2	17.9	17.3	17.2	16.5
77,0°	20.8	16.4	15.8	16.5	18.3	20.6	21.0	20.0	18.0	17.2	16.2	15.8	15.0	14.9	14.3
78,0°	15.1	13.2	12.9	13.7	14.4	16.9	18.0	18.2	16.9	15.8	14.6	13.9	12.7	12.6	11.8
79,0°	11.2	10.6	10.6	11.5	12.5	13.4	14.0	14.9	14.5	14.0	12.5	11.7	10.5	10.4	9.3
80,0°	8.9	8.4	8.6	9.5	10.0	10.8	10.8	11.1	11.2	11.5	10.8	9.9	8.5	8.2	7.3
81,0°	6.8	6.5	7.1	7.8	7.8	8.3	8.2	8.2	8.5	9.1	9.0	8.5	6.8	6.3	5.7
82,0°	5.5	5.0	5.3	5.9	6.2	6.2	6.2	6.3	6.5	7.2	7.4	6.8	5.3	4.7	4.3
83,0°	4.3	4.2	4.4	4.6	4.2	4.5	4.6	4.7	4.8	5.5	5.6	5.1	4.0	3.6	3.4
84,0°	3.3	3.1	3.4	3.3	2.9	3.1	3.0	3.3	3.5	3.8	4.0	3.7	2.9	2.7	2.5
85,0°	2.3	2.3	2.6	2.1	2.1	2.1	2.0	2.2	2.2	2.6	2.5	2.4	2.0	1.9	1.8
86,0°	1.4	1.8	1.6	1.6	1.2	1.4	1.4	1.5	1.3	1.5	1.4	1.5	1.4	1.4	1.2
87,0°	0.9	0.9	1.1	1.0	1.0	1.0	0.9	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.8
88,0°	0.9	0.9	0.5	0.7	0.6	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
89,0°	0.5	0.5	0.5	0.4	0.8	0.5	0.5	0.5	0.6	0.5	0.5	0.4	0.4	0.3	0.3
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	0.0	0.0

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7B37N08LB EAN: 4058352897836	LP number 59065_1162
		siteco

C-planes	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Luminous intensity in cd/klm														
73,0°	20.8	19.7	18.6	17.8	17.2	17.1	17.7	216.1	98.5	42.3	30.5	26.5	24.3	24.2	23.5
74,0°	19.3	18.2	17.0	16.1	15.5	15.3	15.6	214.2	91.6	39.1	30.0	26.7	24.1	22.1	21.4
75,0°	18.0	16.8	15.6	14.5	13.9	13.6	13.6	185.3	74.2	32.2	26.2	24.3	21.8	19.5	18.6
76,0°	16.5	15.2	14.0	12.9	12.2	11.7	11.7	124.9	46.9	23.2	21.4	20.5	18.5	17.2	16.3
77,0°	14.2	12.9	12.0	10.9	10.2	9.7	9.7	73.0	28.3	18.2	17.7	17.2	15.9	14.9	14.4
78,0°	11.9	10.7	10.0	9.2	8.6	7.9	8.1	38.9	19.9	17.5	15.1	14.4	13.1	12.4	12.3
79,0°	9.7	8.5	8.3	7.6	7.2	6.4	6.7	19.9	14.6	16.2	12.7	11.9	11.5	11.0	10.5
80,0°	7.5	6.9	6.4	6.0	5.6	5.1	5.1	11.3	10.3	11.9	9.8	9.5	9.3	8.9	8.6
81,0°	5.9	5.5	5.1	4.7	4.5	4.0	4.1	7.3	7.0	7.5	7.1	7.3	7.1	7.1	6.8
82,0°	4.5	4.1	3.9	3.8	3.6	3.2	3.2	5.4	5.4	5.4	5.5	5.7	5.7	5.6	5.5
83,0°	3.3	3.1	3.0	2.9	2.8	2.5	2.5	4.2	4.3	4.2	4.3	4.3	4.0	4.1	4.2
84,0°	2.4	2.3	2.2	2.2	2.1	2.0	2.1	3.1	3.3	3.2	3.3	3.2	3.3	3.1	3.0
85,0°	1.8	1.6	1.5	1.5	1.5	1.4	1.4	2.4	2.6	2.5	2.6	2.6	2.4	2.4	2.6
86,0°	1.2	1.0	1.0	1.0	1.0	0.9	0.9	1.9	2.0	1.9	2.0	1.9	1.8	1.9	1.8
87,0°	0.8	0.8	0.8	0.7	0.7	0.6	0.7	1.5	1.6	1.6	1.6	1.6	1.5	1.3	1.4
88,0°	0.6	0.6	0.5	0.3	0.5	0.3	0.5	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.1
89,0°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	1.0	1.1	1.1	1.1	1.1	0.9	0.9	0.9
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	0.0	0.0

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7B37N08LB EAN: 4058352897836	LP number 59065_1162
		siteco

C-planes	202,5° 337,5°	205,0° 335,0°	207,5° 332,5°	210,0° 330,0°	212,5° 327,5°	215,0° 325,0°	217,5° 322,5°	220,0° 320,0°	222,5° 317,5°	225,0° 315,0°	227,5° 312,5°	230,0° 310,0°	232,5° 307,5°	235,0° 305,0°	237,5° 302,5°
γ	Luminous intensity in cd/klm														
73,0°	22.9	23.6	24.3	25.3	25.5	24.7	24.1	23.8	23.5	23.5	23.4	23.3	22.1	22.2	22.5
74,0°	20.7	21.3	22.0	22.9	23.0	22.4	21.7	21.3	20.9	20.9	20.7	20.3	20.2	20.5	20.9
75,0°	18.0	18.1	18.8	20.0	20.4	20.0	19.2	18.7	18.2	18.0	17.7	17.8	18.2	19.2	19.4
76,0°	15.9	15.9	16.3	17.2	17.6	17.5	16.6	16.2	15.5	15.1	15.0	15.5	15.7	16.3	16.9
77,0°	13.5	13.6	13.5	14.5	14.9	15.1	14.1	13.7	13.0	12.7	12.4	12.4	12.1	13.0	13.8
78,0°	12.0	11.5	11.5	11.9	12.3	12.7	11.7	11.3	10.6	10.3	10.0	9.7	9.7	10.2	10.5
79,0°	10.2	9.9	9.7	9.9	10.3	10.5	9.6	9.2	8.6	8.2	7.9	7.9	7.8	8.0	8.0
80,0°	8.3	8.3	7.9	7.9	8.4	8.4	7.8	7.5	6.9	6.5	6.2	5.9	5.7	5.9	6.0
81,0°	6.8	6.5	6.5	6.4	6.6	6.7	6.3	5.9	5.4	5.0	4.7	4.5	4.2	4.3	4.4
82,0°	5.4	5.3	5.0	5.2	5.4	5.3	5.0	4.7	4.2	3.8	3.5	3.3	3.0	3.1	3.1
83,0°	3.8	4.0	3.8	3.9	4.2	4.2	3.9	3.5	3.1	2.8	2.6	2.4	2.3	2.3	2.0
84,0°	3.1	2.9	2.9	2.9	3.1	3.1	2.9	2.5	2.2	2.0	1.9	1.8	1.6	1.6	1.5
85,0°	2.3	2.2	2.0	2.0	2.2	2.2	2.0	1.8	1.5	1.4	1.3	1.2	1.1	1.1	0.8
86,0°	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.3	1.1	1.1	1.0	0.8	0.8	0.7	0.7
87,0°	1.4	1.4	1.4	1.4	1.3	1.1	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.6
88,0°	1.1	1.1	1.0	1.1	1.1	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.6	0.6	0.6
89,0°	0.9	1.0	1.2	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.6
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	0.0	0.0

C-planes	240,0° 300,0°	242,5° 297,5°	245,0° 295,0°	247,5° 292,5°	250,0° 290,0°	252,5° 287,5°	255,0° 285,0°	257,5° 282,5°	260,0° 280,0°	262,5° 277,5°	265,0° 275,0°	267,5° 272,5°	270,0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm													Luminous flux in lm/klm	
73,0°	22.9	22.8	21.9	18.7	16.7	14.7	13.4	13.8	14.1	11.9	11.6	11.3	11.7	13.7	945.9
74,0°	21.2	20.7	19.7	15.9	12.8	11.1	10.4	10.6	11.1	9.0	8.6	8.3	8.5	13.2	959.1
75,0°	19.7	18.6	17.3	13.8	10.6	9.1	8.7	8.2	8.7	7.3	7.1	6.5	6.7	12.1	971.3
76,0°	17.0	15.9	14.3	11.8	9.5	7.7	7.2	6.5	6.7	5.4	5.0	4.6	4.6	9.9	981.2
77,0°	14.2	12.9	11.3	8.6	7.1	6.0	5.9	4.8	4.4	3.7	3.2	2.8	3.0	7.2	988.4
78,0°	11.1	10.3	9.0	6.9	5.4	4.5	4.0	3.4	2.9	2.3	1.8	1.6	1.6	4.6	993.0
79,0°	8.5	8.0	7.4	5.5	4.2	3.6	3.1	2.4	2.1	1.5	1.2	0.9	0.9	2.7	995.7
80,0°	6.3	5.8	5.5	4.3	3.3	2.7	2.2	1.8	1.5	1.0	0.7	0.7	0.5	1.6	997.3
81,0°	4.4	4.3	4.1	3.0	2.4	2.0	1.6	1.5	1.0	0.7	0.6	0.5	0.5	0.9	998.2
82,0°	3.0	3.0	3.2	2.2	1.8	1.4	1.2	1.0	0.9	0.5	0.5	0.5	0.5	0.6	998.7
83,0°	1.9	2.0	1.9	1.4	1.2	0.9	0.9	0.8	0.7	0.5	0.5	0.2	0.2	0.4	999.1
84,0°	1.4	1.7	1.2	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.2	0.2	0.2	0.3	999.4
85,0°	1.0	1.0	1.0	0.7	0.5	0.5	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	999.6
86,0°	0.6	0.6	0.5	0.5	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	999.7
87,0°	0.5	0.5	0.5	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	999.8
88,0°	0.5	0.5	0.5	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	999.9
89,0°	0.6	0.5	0.5	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	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	0.0	0.0	1000.0

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7B37N08LB EAN: 4058352897836	LP number 59065_1162
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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	14340	98.3	100.9	99.6
95	239	252	13631	92.3	94.7	93.5
90	224	249	12908	86.5	88.7	87.6
85	209	247	12164	80.5	82.6	81.6
80	195	244	11453	75.1	77.0	76.0
75	181	242	10733	69.6	71.4	70.5
70	168	239	10051	64.6	66.3	65.4
65	154	236	9303	59.3	60.8	60.0
60	141	232	8594	54.4	55.7	55.0
55	128	229	7872	49.4	50.7	50.0
50	116	225	7196	45.0	46.1	45.6
45	103	221	6449	40.2	41.1	40.7
40	91	216	5748	35.8	36.6	36.2
35	79	211	5037	31.3	32.1	31.7
30	67	205	4314	26.9	27.5	27.2
25	55	198	3580	22.5	23.1	22.8
20	44	190	2896	18.6	19.0	18.8
15	32	178	2141	14.2	14.5	14.4
10	21	163	1439	10.1	10.3	10.2
9	18	157	1245	9.0	9.2	9.1

Dimming levels table	environmental temperature: 5°C
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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	14750	99.5	102.1	100.8
95	239	252	14001	93.4	95.8	94.6
90	225	250	13293	87.9	90.2	89.1
85	210	247	12515	81.9	84.1	83.0
80	196	245	11776	76.5	78.4	77.4
75	183	242	11081	71.3	73.2	72.2
70	169	239	10320	65.9	67.6	66.8
65	156	236	9602	60.9	62.4	61.6
60	143	233	8873	55.8	57.3	56.6
55	130	229	8133	50.9	52.2	51.6
50	117	226	7379	46.0	47.1	46.6
45	104	221	6615	41.1	42.1	41.6
40	92	217	5898	36.6	37.5	37.0
35	80	212	5173	32.1	32.9	32.5
30	68	206	4437	27.6	28.3	28.0
25	56	199	3690	23.2	23.7	23.4
20	44	190	2932	18.9	19.3	19.1
15	33	179	2230	14.8	15.2	15.0
10	21	163	1455	10.3	10.5	10.4
9	18	157	1259	9.1	9.3	9.2

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7B37N08LB EAN: 4058352897836	LP number 59065_1162
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Dimming levels table	environmental temperature: 15°C
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	14560	98.8	101.5	100.2
95	239	252	13830	92.9	95.2	94.1
90	224	249	13088	87.0	89.2	88.1
85	210	247	12377	81.4	83.5	82.4
80	196	245	11651	76.0	77.9	77.0
75	182	242	10916	70.4	72.3	71.4
70	168	239	10167	65.0	66.7	65.8
65	155	236	9460	60.0	61.6	60.8
60	142	233	8741	55.0	56.5	55.8
55	129	229	8009	50.2	51.4	50.8
50	116	225	7264	45.3	46.4	45.8
45	104	221	6566	40.8	41.8	41.3
40	91	216	5798	36.0	36.8	36.4
35	79	211	5078	31.5	32.3	31.9
30	67	205	4347	27.1	27.7	27.4
25	56	199	3669	23.0	23.5	23.2
20	44	190	2916	18.7	19.1	18.9
15	32	178	2154	14.3	14.6	14.4
10	21	163	1448	10.2	10.4	10.3
9	18	157	1253	9.1	9.3	9.2

Photometric test report

Family Streetlight 21 midi easy LED	Order number: 5XE7B37N08LB EAN: 4058352897836	LP number 59065_1162
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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
25.0	14340.0	98.3
5.0	14750.0	99.5
15.0	14560.0	98.8