
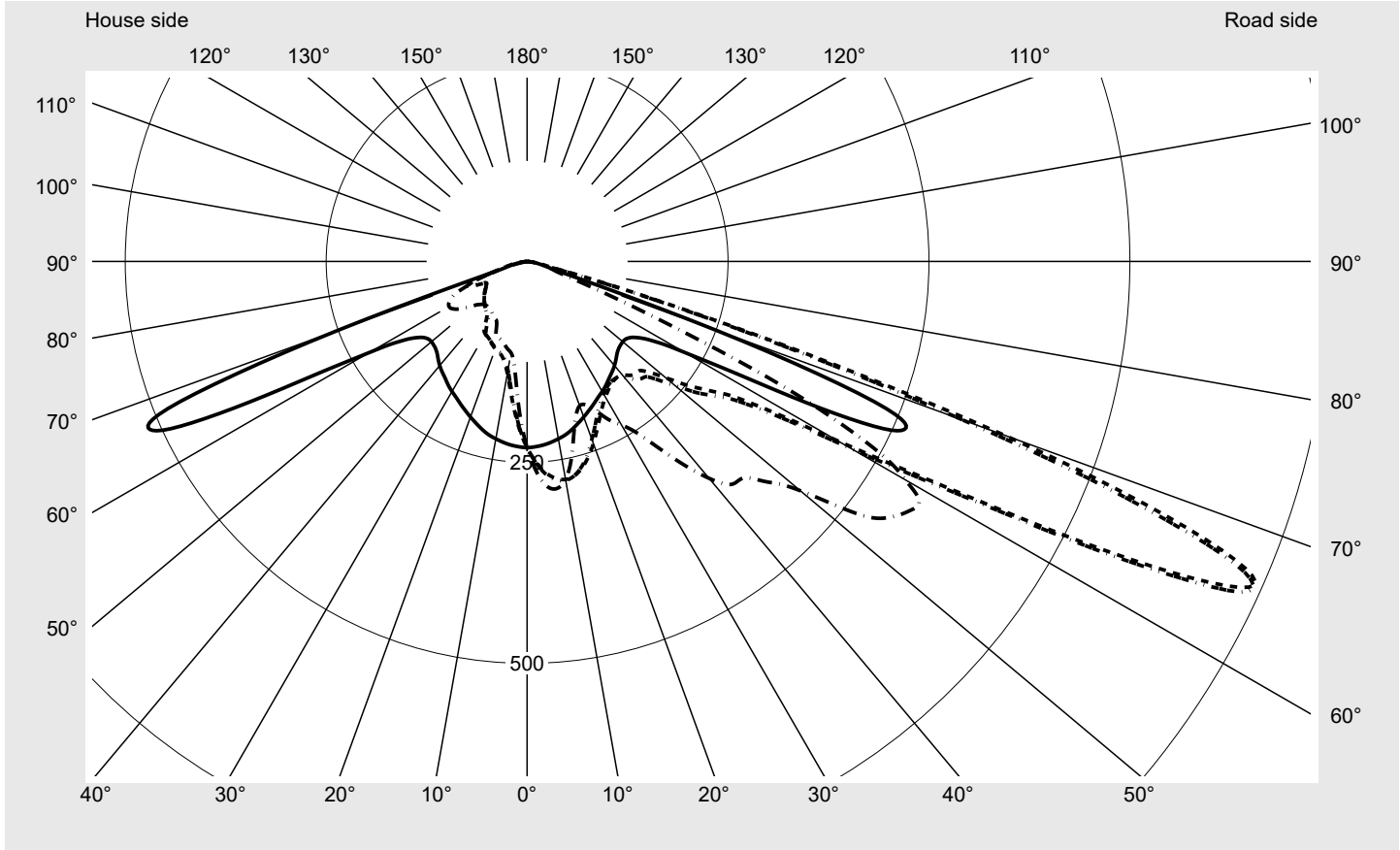


Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5H43A08DB EAN: 4058352785508	LP number 59066_653
	Version post-top or side-entry mounting Optic asymmetric distribution (PL52) Cover toughened safety glass Lamps LED 4000 K CRI ≥ 70 Controlgear ECG DIM Rated values Net luminous flux = 5230 lm Power consumption = 39.1 W Luminous efficacy = 133.8 lm/W	serial documentation 26.10.2022



Luminous intensity in cd/klm C180-0 C215-35 C217,5-37,5 C270-90 **Imax: 990 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°	685.4
Imax 80°	32.5
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

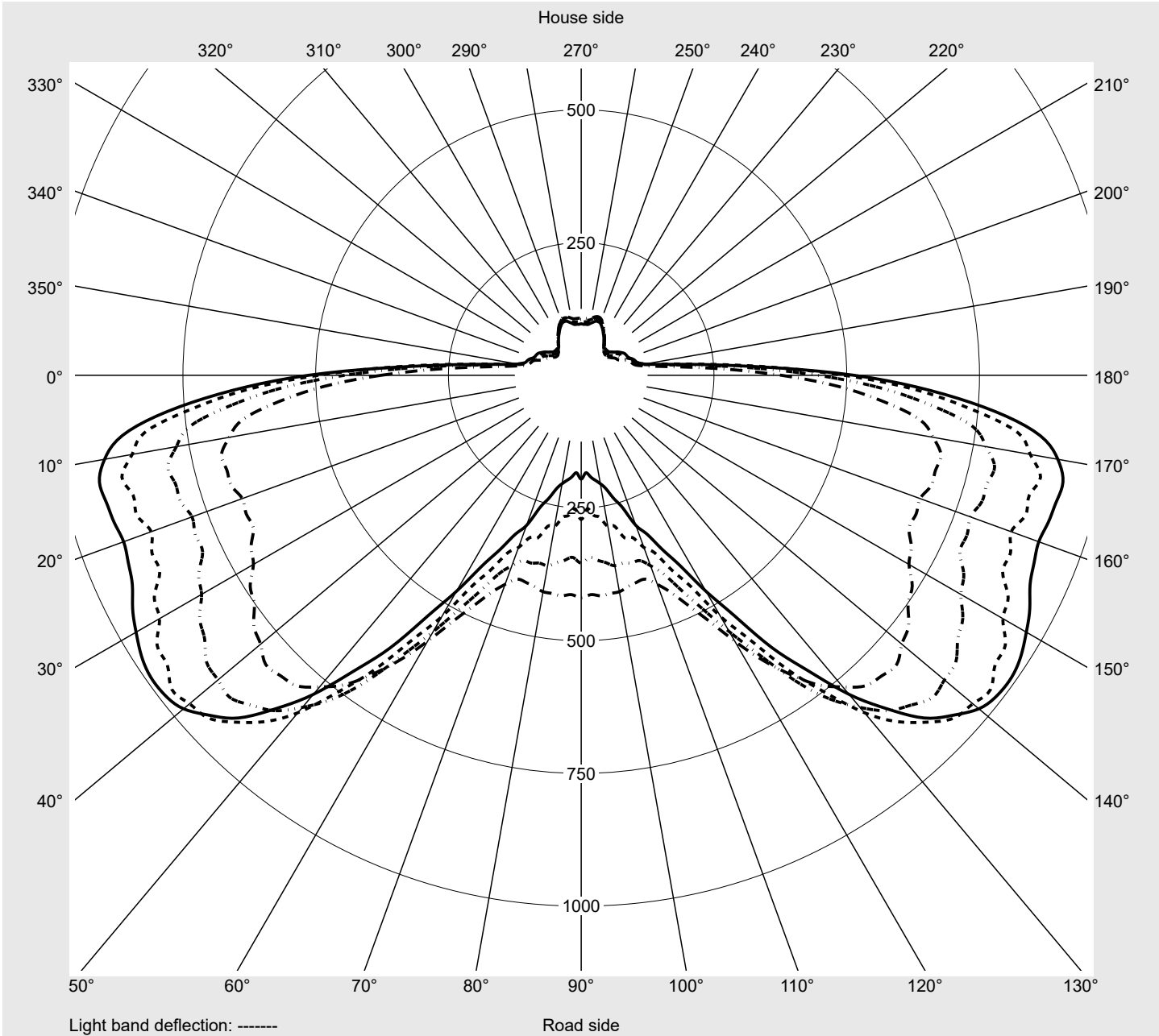
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5H43A08DB EAN: 4058352785508	LP number 59066_653
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Envelope curve in cd/klm **KMK 66°** **KMK 65°** **KMK 64°** **KMK 63°** **siteco**



Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5H43A08DB EAN: 4058352785508	LP number 59066_653
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°	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6
2,5°	230.8	232.1	233.5	235.0	236.4	238.0	239.2	240.8	242.2	243.7	244.7	246.0	247.0	248.4	249.3
5,0°	229.3	232.1	235.0	237.8	240.5	243.5	246.0	248.8	251.2	253.8	255.7	258.0	259.7	261.9	263.5
7,5°	227.0	231.2	235.4	239.5	243.3	247.2	250.8	254.3	257.4	260.6	263.2	265.8	268.0	270.2	272.1
10,0°	224.1	229.7	235.1	240.2	244.8	249.6	253.9	257.8	261.5	264.7	267.4	269.7	272.0	273.9	275.3
12,5°	220.8	227.4	233.9	239.8	245.2	250.5	255.1	259.2	262.7	265.7	268.2	270.0	271.5	272.2	272.9
15,0°	216.3	223.7	231.1	237.8	243.7	249.2	254.1	258.2	261.5	263.8	265.7	266.4	266.8	266.1	265.4
17,5°	211.1	219.7	227.9	235.1	241.3	247.0	251.9	255.6	258.4	259.9	260.5	260.0	258.9	256.8	254.3
20,0°	206.0	215.3	224.3	232.1	238.6	244.3	249.2	252.2	254.3	254.4	254.0	251.4	249.2	244.8	241.1
22,5°	200.8	211.2	221.0	229.4	236.2	241.9	246.2	248.6	249.4	248.2	246.1	242.2	237.9	232.5	227.1
25,0°	195.8	207.2	218.1	226.9	234.0	239.6	243.3	244.7	244.4	241.7	238.3	232.4	227.1	220.2	214.2
27,5°	190.9	203.6	215.3	225.0	232.4	237.9	240.9	241.5	239.8	235.9	230.6	223.8	216.8	209.7	203.2
30,0°	186.8	200.6	213.2	223.7	231.5	237.0	239.4	238.8	235.9	230.4	223.9	216.1	208.4	201.0	194.9
32,5°	182.5	197.3	211.0	222.2	230.5	235.8	237.5	236.0	232.1	225.4	217.9	209.1	201.4	194.1	188.7
35,0°	177.6	193.9	208.6	220.8	229.5	234.6	235.6	233.2	228.2	220.8	212.4	203.4	195.6	189.1	184.4
37,5°	173.5	191.2	207.1	220.1	228.6	233.4	234.1	231.1	225.0	216.7	207.7	198.7	191.0	185.4	182.5
40,0°	169.1	188.4	205.3	218.3	227.6	232.7	233.2	229.4	222.7	214.0	204.7	196.0	189.0	185.2	184.7
42,5°	164.0	184.7	202.5	217.7	227.6	233.1	233.4	229.1	221.7	212.6	203.4	195.4	190.3	189.1	192.0
45,0°	159.1	180.8	200.1	216.8	227.3	232.5	231.9	226.5	218.1	208.1	198.9	191.2	187.9	188.7	194.7
46,0°	157.8	179.9	200.1	217.5	228.1	233.2	232.3	226.3	217.0	206.6	197.0	189.7	186.7	188.6	195.5
47,0°	156.7	179.5	200.9	218.9	230.0	235.2	233.9	227.5	217.7	206.9	197.3	190.6	188.6	192.0	200.3
48,0°	156.1	179.8	202.1	221.0	232.4	237.9	236.5	229.8	219.7	209.2	199.4	193.6	192.4	197.4	207.1
49,0°	155.6	180.5	204.0	224.2	235.9	242.0	239.9	233.7	223.2	212.9	202.9	198.6	198.0	205.1	215.2
50,0°	155.4	181.5	206.6	227.9	240.4	246.6	244.9	238.4	227.9	217.4	208.6	204.7	205.9	213.5	225.4
51,0°	155.6	183.4	210.0	232.5	245.5	252.1	250.6	244.1	233.8	223.6	215.5	212.7	215.0	223.6	236.0
52,0°	156.5	186.4	214.6	238.5	252.7	259.8	258.3	251.4	241.1	231.7	224.6	222.9	226.3	235.7	248.7
53,0°	158.2	190.2	220.0	245.5	260.8	268.3	266.7	259.9	249.5	240.4	233.8	233.0	237.2	247.0	259.7
54,0°	160.8	195.0	227.2	254.3	270.6	278.7	276.8	269.9	259.3	250.3	244.2	244.0	248.1	257.9	270.2
55,0°	165.0	202.0	236.7	266.3	283.7	292.2	290.2	283.0	272.0	262.5	256.4	256.1	260.8	270.5	281.8
56,0°	170.4	210.7	248.2	280.4	298.7	307.9	305.3	298.2	286.1	276.2	269.4	269.7	273.9	283.6	294.0
57,0°	177.7	223.0	262.3	299.8	316.8	329.5	324.0	318.7	302.6	295.2	285.9	289.1	290.8	303.2	311.4
58,0°	188.5	238.1	282.9	322.2	342.1	354.2	349.7	342.4	327.5	318.8	311.1	314.1	318.0	331.0	340.5
59,0°	202.8	259.2	308.4	353.4	373.8	388.0	382.3	376.1	359.5	353.2	345.2	351.7	355.6	371.7	381.9
60,0°	226.7	292.6	348.5	400.9	422.6	439.3	432.7	428.0	410.5	408.2	401.1	412.1	417.2	437.5	446.9
61,0°	258.9	337.3	402.8	461.1	485.1	504.4	496.9	495.0	478.9	479.9	474.0	489.2	495.1	517.8	526.5
62,0°	305.9	397.9	474.0	538.2	566.1	585.7	580.0	579.3	566.8	569.4	566.9	583.1	592.2	615.2	626.6
63,0°	376.8	485.7	572.4	643.8	673.0	693.9	690.7	691.1	679.0	682.7	681.2	701.0	712.7	739.1	751.5
64,0°	445.5	568.1	665.1	744.5	774.1	797.4	790.9	791.3	779.9	786.4	786.6	812.3	825.4	852.0	865.8
65,0°	495.0	632.1	738.6	829.7	858.7	886.0	873.6	877.2	861.5	875.0	875.6	906.4	916.8	946.9	951.5
66,0°	513.8	658.5	782.3	871.9	911.4	929.3	925.7	922.2	917.0	923.1	932.7	952.3	967.9	982.2	990.2
67,0°	508.5	661.1	795.9	889.2	934.5	951.1	947.5	940.1	933.8	932.2	938.8	945.2	958.1	960.7	964.9
68,0°	466.0	617.4	764.5	863.0	925.7	939.0	938.7	922.0	913.7	896.4	897.6	890.7	899.1	886.6	886.2
69,0°	371.7	497.6	641.9	733.7	818.0	835.7	853.6	833.8	831.3	805.0	808.8	792.2	799.4	776.0	771.5
70,0°	249.4	329.2	462.6	512.5	616.1	619.2	684.6	658.9	685.4	649.9	668.6	640.4	659.0	623.9	631.0
71,0°	120.6	165.3	231.1	264.3	329.8	356.3	414.7	435.7	481.5	475.9	492.1	480.1	491.4	471.4	468.5
72,0°	57.4	71.1	94.1	106.4	137.1	155.7	195.8	224.8	285.6	304.7	329.0	324.3	338.2	325.6	326.9

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5H43A08DB EAN: 4058352785508	LP number 59066_653
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°	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6
2,5°	250.6	251.2	252.4	253.0	254.3	254.8	255.7	256.1	257.0	257.4	258.3	258.7	259.6	259.8	260.5
5,0°	265.5	266.7	268.4	269.4	271.0	271.9	273.4	273.9	275.2	275.7	277.0	277.3	278.4	278.6	279.4
7,5°	273.9	275.4	276.8	277.9	279.1	280.0	280.8	281.5	282.1	282.5	283.0	283.5	283.7	284.0	284.2
10,0°	276.5	277.5	278.1	278.5	278.5	278.7	278.5	278.5	277.9	277.8	277.1	277.1	276.5	276.5	275.8
12,5°	272.7	272.7	271.5	271.0	269.2	268.5	266.3	265.5	262.9	262.2	259.5	259.0	256.6	256.4	254.1
15,0°	263.6	262.1	259.2	257.0	253.5	250.9	247.5	245.1	241.5	239.2	235.9	234.3	231.3	230.0	227.6
17,5°	250.9	247.5	243.2	239.5	235.1	231.3	227.1	223.6	219.8	216.9	213.7	211.6	209.1	207.4	205.7
20,0°	235.6	231.8	225.5	221.6	215.9	212.5	207.7	205.2	201.3	199.5	196.7	195.5	193.5	193.1	191.7
22,5°	221.1	215.7	209.8	205.4	200.9	197.8	194.8	192.9	191.1	190.2	189.4	189.2	189.2	189.4	189.8
25,0°	207.5	202.8	197.5	194.4	191.1	189.7	188.6	188.6	189.4	190.0	191.6	192.5	194.4	195.2	197.3
27,5°	197.7	193.5	190.0	188.3	187.7	188.4	190.0	192.4	195.5	198.5	201.5	203.9	206.2	207.7	209.5
30,0°	190.2	187.3	185.7	186.1	188.0	191.3	195.8	200.9	206.5	211.1	215.5	217.9	220.1	221.0	222.6
32,5°	185.1	183.8	184.2	186.7	191.2	197.3	204.6	211.8	219.6	225.3	230.7	233.3	235.9	236.5	238.9
35,0°	182.5	182.9	185.7	190.5	197.4	205.9	215.5	224.8	234.4	242.3	249.2	253.7	257.2	259.8	263.6
37,5°	182.7	185.8	191.6	199.1	209.1	220.7	233.2	245.6	258.3	268.5	277.7	283.9	289.9	294.3	299.7
40,0°	187.9	194.3	203.9	215.0	229.1	243.5	259.2	274.0	289.7	301.3	312.2	318.8	325.4	328.9	334.1
42,5°	199.3	210.1	224.3	239.2	256.1	273.1	289.7	304.7	319.3	330.8	340.2	346.9	351.7	354.8	358.5
45,0°	204.5	217.9	233.2	249.0	265.0	280.5	294.0	306.4	317.4	327.0	334.8	340.6	344.7	348.4	352.6
46,0°	206.5	220.9	237.3	253.7	269.6	284.3	296.6	307.8	317.5	325.9	333.1	338.9	343.3	347.8	353.1
47,0°	212.7	228.1	245.0	261.0	276.5	289.8	301.0	310.7	319.2	326.6	334.2	340.8	346.4	352.1	358.9
48,0°	220.9	236.3	253.2	268.7	283.5	295.6	305.5	313.6	321.4	328.4	336.6	344.1	351.5	358.4	366.8
49,0°	230.7	245.4	262.5	276.7	290.9	301.0	310.1	316.8	324.1	330.9	339.9	348.5	358.2	365.9	376.3
50,0°	240.7	256.0	271.5	285.4	297.9	307.1	314.6	320.4	327.1	334.5	344.0	354.1	364.5	374.0	385.5
51,0°	251.4	266.4	281.1	293.5	304.7	312.7	318.9	324.1	330.5	338.5	348.6	359.7	371.7	383.2	397.5
52,0°	263.7	277.7	290.8	301.8	311.4	318.2	323.3	328.0	334.7	343.1	354.5	367.8	383.9	399.7	418.6
53,0°	273.9	286.9	298.6	308.1	316.2	322.1	326.7	331.5	338.9	349.1	364.7	382.0	402.7	421.5	442.5
54,0°	283.5	295.3	306.0	314.2	320.6	325.7	330.5	336.3	347.4	362.2	382.9	403.3	427.0	448.0	468.4
55,0°	293.9	304.3	313.9	320.8	327.0	332.2	339.4	350.0	367.8	386.9	411.5	433.6	455.3	472.0	486.9
56,0°	305.8	315.2	324.4	330.5	338.2	345.8	359.1	374.9	398.3	418.2	442.5	458.6	472.7	484.1	495.5
57,0°	326.3	332.2	344.5	348.0	361.4	371.7	397.0	411.3	439.6	451.4	468.8	475.4	484.0	490.3	499.6
58,0°	355.1	362.7	375.0	381.7	400.5	418.3	444.6	461.3	478.0	482.6	488.9	489.6	490.8	493.8	501.5
59,0°	399.4	405.6	421.8	431.9	458.5	477.3	502.4	507.9	514.5	509.9	507.2	500.1	495.8	495.0	499.9
60,0°	466.4	472.7	495.5	509.7	542.1	553.6	566.0	559.6	554.3	538.4	524.6	508.9	496.8	490.4	488.2
61,0°	548.8	556.9	585.1	600.9	627.0	625.8	625.2	606.8	588.1	560.5	536.1	511.6	489.7	475.0	464.7
62,0°	648.8	661.9	690.0	699.6	708.4	696.2	680.6	650.3	616.5	577.3	539.0	501.5	470.3	452.2	441.2
63,0°	776.9	788.2	806.0	800.6	793.3	766.4	735.4	688.6	636.5	578.4	522.3	479.1	443.2	419.1	402.8
64,0°	888.9	892.8	897.9	878.6	856.9	816.8	768.4	702.3	624.6	557.9	497.0	447.2	404.8	381.9	366.0
65,0°	971.8	962.7	954.7	924.1	885.4	829.8	752.1	676.0	590.1	524.8	450.2	405.9	362.2	345.2	320.4
66,0°	988.9	977.5	948.3	913.1	852.2	784.8	701.4	626.6	537.4	470.0	405.4	362.7	324.0	301.0	263.1
67,0°	949.7	932.5	888.7	849.7	775.5	711.3	627.4	556.9	475.6	420.4	360.1	318.1	277.7	257.2	212.6
68,0°	855.2	831.2	772.5	730.8	655.3	598.9	524.2	472.3	406.6	355.2	298.2	265.8	236.2	218.4	168.6
69,0°	731.2	703.7	643.1	604.5	535.5	491.5	437.0	393.4	330.4	293.0	253.4	228.5	201.7	185.0	134.8
70,0°	577.9	565.0	499.2	476.7	415.0	393.7	332.9	307.3	263.9	243.4	207.5	190.7	164.7	152.0	105.1
71,0°	434.8	414.3	373.8	351.6	310.3	282.6	253.4	237.7	210.9	192.0	167.9	152.1	133.3	121.0	84.2
72,0°	303.8	292.7	265.7	246.0	214.4	207.7	189.9	180.5	162.0	149.7	132.0	120.1	105.5	96.4	69.2

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5H43A08DB EAN: 4058352785508	LP number 59066_653
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°	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6
2,5°	260.4	260.9	260.8	261.4	261.2	261.6	261.3	229.1	227.6	225.9	224.4	222.7	221.6	219.9	218.8
5,0°	279.4	280.0	280.0	280.6	280.5	281.0	280.5	225.9	222.7	219.1	216.1	212.4	209.6	205.9	203.2
7,5°	284.2	284.2	284.5	284.5	284.7	284.7	284.9	221.9	216.9	211.7	206.8	201.5	196.9	191.7	187.1
10,0°	275.8	275.1	275.4	274.9	275.4	274.9	275.3	217.6	211.1	204.2	197.7	190.9	184.8	178.2	172.3
12,5°	254.3	252.3	253.2	251.7	253.1	251.8	253.1	212.7	204.8	196.5	188.9	180.5	173.5	165.6	159.3
15,0°	227.1	225.2	225.0	223.7	224.2	223.3	224.0	206.7	197.4	188.0	179.0	169.8	162.0	153.9	147.0
17,5°	204.7	203.5	203.0	202.2	202.2	201.8	202.0	200.6	190.0	179.6	169.5	159.8	151.4	143.4	136.9
20,0°	191.7	191.0	191.2	190.6	191.0	190.7	191.1	193.9	182.7	170.6	160.5	149.8	141.9	134.0	128.7
22,5°	190.2	191.0	191.7	192.5	193.0	193.5	193.6	187.7	175.0	162.5	151.4	141.0	133.0	126.4	121.7
25,0°	198.2	200.7	201.9	204.3	204.9	206.9	206.2	181.4	167.9	154.6	143.4	133.2	126.1	120.0	116.6
27,5°	211.3	214.1	217.1	219.8	221.7	222.7	222.7	175.7	161.0	147.6	136.1	126.7	120.0	115.4	112.9
30,0°	224.3	227.9	232.0	235.6	236.6	235.9	235.1	170.3	154.9	141.0	129.6	120.7	114.9	111.3	109.6
32,5°	240.8	246.6	251.4	255.8	254.7	253.5	252.0	164.7	148.5	134.3	123.3	115.0	110.3	107.5	106.2
35,0°	268.7	276.4	281.5	283.5	282.0	281.5	281.2	158.8	141.7	127.7	117.1	110.0	106.1	104.1	103.1
37,5°	304.7	311.0	314.1	315.7	315.8	317.2	317.5	153.0	135.2	121.2	111.2	105.0	102.3	100.8	100.0
40,0°	337.5	343.5	346.4	349.2	349.3	351.9	352.2	147.2	128.9	114.9	105.8	100.6	98.7	97.6	97.0
42,5°	362.4	367.0	370.2	372.4	373.5	375.5	376.2	140.9	122.3	108.9	100.8	96.8	95.4	94.4	93.6
45,0°	358.7	364.3	369.8	373.7	376.8	380.1	381.0	135.0	115.9	103.1	96.1	93.3	92.2	91.3	90.5
46,0°	360.7	368.3	375.1	380.1	383.5	387.2	388.4	133.0	113.9	101.2	94.6	92.0	91.1	90.0	89.3
47,0°	367.5	377.2	385.0	391.0	395.0	399.0	400.4	131.3	111.8	99.2	93.1	90.7	89.6	88.7	88.0
48,0°	375.6	387.1	395.5	402.4	406.0	410.7	411.8	129.8	110.0	97.6	91.9	89.5	88.6	87.5	86.9
49,0°	384.8	397.9	406.2	414.8	418.0	424.4	424.5	128.3	108.4	96.0	90.6	88.2	87.5	86.4	85.7
50,0°	396.0	410.0	420.8	430.9	436.2	442.8	443.7	127.4	106.8	94.6	89.3	87.2	86.4	85.4	84.6
51,0°	411.8	428.8	442.2	454.1	461.0	467.8	469.2	126.7	105.6	93.4	88.2	86.2	85.4	84.4	83.6
52,0°	435.8	454.7	468.9	482.4	489.8	498.2	499.3	126.4	104.5	92.2	87.3	85.4	84.6	83.6	82.4
53,0°	461.4	482.3	496.6	509.6	517.3	524.9	526.7	126.5	103.7	91.4	86.4	84.7	83.7	83.0	81.2
54,0°	486.3	504.2	516.5	527.8	535.2	541.5	543.7	127.4	103.5	90.7	85.9	84.1	83.1	82.4	79.9
55,0°	502.0	517.7	528.8	538.1	545.5	551.4	553.9	128.9	103.6	90.2	85.3	83.5	82.5	81.7	78.4
56,0°	509.0	524.3	535.7	545.5	553.6	559.9	562.2	131.6	104.4	90.1	85.0	83.0	82.2	81.4	76.7
57,0°	513.0	530.3	542.0	552.3	560.1	566.9	568.6	135.6	106.0	90.7	85.1	83.0	82.1	81.0	75.1
58,0°	516.1	532.7	545.9	556.0	564.9	570.9	573.3	141.7	109.0	92.0	85.5	83.4	82.3	81.1	73.4
59,0°	513.9	528.3	541.3	549.1	558.4	562.3	566.7	150.7	113.6	94.1	86.6	84.0	82.9	81.4	72.4
60,0°	498.1	506.1	517.8	523.8	534.2	538.2	543.3	166.2	121.4	98.4	88.8	85.7	84.6	82.5	72.4
61,0°	471.3	480.1	492.8	500.0	510.2	512.5	518.2	187.6	133.2	104.9	92.4	88.3	86.8	84.4	73.8
62,0°	444.4	449.1	458.1	462.5	469.4	469.7	475.2	219.1	151.6	114.8	98.2	92.8	90.7	87.5	77.2
63,0°	403.7	407.6	414.0	414.7	417.1	413.7	419.1	270.0	182.5	132.1	107.6	99.9	96.7	92.7	82.9
64,0°	366.1	362.5	364.3	356.0	349.6	343.7	353.8	321.3	216.4	151.0	117.3	106.4	102.2	97.8	88.9
65,0°	317.4	291.4	289.3	270.1	264.4	252.1	271.8	355.7	238.4	162.6	123.2	109.7	105.4	101.0	93.7
66,0°	241.7	220.2	207.4	199.1	191.1	184.2	195.6	348.6	231.5	157.6	121.4	108.9	105.4	101.7	96.3
67,0°	175.0	157.4	148.3	141.7	137.2	131.1	138.8	316.8	193.3	134.1	110.9	102.8	101.1	98.3	95.2
68,0°	117.8	104.2	99.6	95.9	93.4	89.4	95.1	258.3	142.7	99.1	89.6	86.6	89.3	87.2	87.0
69,0°	82.1	70.5	67.8	64.9	63.7	62.0	65.3	185.3	97.0	71.2	68.1	67.2	71.2	71.7	73.1
70,0°	58.7	49.5	49.0	46.5	46.8	44.7	48.0	111.0	62.7	49.7	50.0	48.0	52.3	52.4	56.6
71,0°	45.2	40.1	39.7	39.0	38.8	38.4	38.6	60.9	42.5	38.9	38.8	38.7	39.9	40.3	42.3
72,0°	40.2	36.8	36.7	35.7	35.4	34.9	35.2	39.6	35.4	33.9	34.1	34.4	35.0	34.9	35.7

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5H43A08DB EAN: 4058352785508	LP number 59066_653
Table of values for luminous intensities		Maximum luminous intensity



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°	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6
2,5°	216.9	215.6	213.9	212.7	211.1	210.0	208.2	207.3	205.6	204.8	203.2	202.6	201.1	200.6	199.2
5,0°	199.3	196.5	192.8	190.4	186.8	184.7	181.1	179.2	176.0	174.3	171.1	169.9	167.1	165.9	163.4
7,5°	182.0	177.4	172.5	168.6	164.1	160.5	156.4	153.4	149.9	147.3	144.2	142.3	139.5	138.1	135.8
10,0°	165.9	160.5	154.8	150.1	145.3	141.4	137.3	134.5	131.1	128.9	126.3	124.6	122.8	121.6	120.0
12,5°	152.1	146.7	140.8	136.6	132.2	129.1	125.7	123.6	121.2	119.7	118.1	117.3	116.2	115.7	114.9
15,0°	140.4	135.2	130.6	127.1	123.8	121.6	119.7	118.5	117.5	116.7	115.8	114.9	114.1	113.3	112.5
17,5°	131.4	127.0	123.6	121.2	119.5	118.4	117.4	116.6	115.6	114.7	113.6	112.7	111.7	110.7	109.8
20,0°	123.7	120.9	118.4	117.4	116.5	115.8	114.7	113.9	112.8	112.1	110.9	110.2	109.2	108.4	107.5
22,5°	118.1	116.4	115.2	114.3	113.3	112.5	111.6	110.8	110.0	109.3	108.4	107.8	107.1	106.5	105.8
25,0°	114.4	113.2	112.0	111.3	110.1	109.4	108.6	108.0	107.1	106.8	106.2	105.8	105.2	104.9	104.2
27,5°	111.3	110.3	109.3	108.3	107.4	106.5	105.9	105.2	104.1	103.2	102.2	101.1	99.8	97.6	93.5
30,0°	108.2	107.5	106.3	105.5	104.8	104.2	102.6	99.3	96.3	94.4	92.4	90.9	88.8	87.0	86.2
32,5°	105.1	104.4	103.5	102.8	101.7	99.5	92.6	88.5	86.7	86.2	85.5	85.3	85.1	85.3	85.3
35,0°	102.2	101.2	99.9	98.0	95.0	88.5	84.3	84.0	83.7	83.7	83.8	84.0	84.1	83.8	83.3
37,5°	99.1	96.1	91.9	88.5	84.8	82.2	81.9	82.0	82.1	82.2	82.2	81.9	81.5	81.2	80.9
40,0°	95.6	87.2	82.1	80.5	79.7	79.7	79.8	80.2	80.3	80.1	79.7	79.5	79.1	78.9	78.5
42,5°	90.5	79.2	77.1	77.0	76.9	77.3	77.6	77.8	77.7	77.7	77.5	77.5	77.3	77.2	77.1
45,0°	85.6	74.9	74.0	74.0	74.3	74.7	75.0	75.3	75.4	75.7	75.9	76.0	76.0	76.0	76.2
46,0°	83.7	73.6	72.8	73.0	73.3	73.7	73.9	74.4	74.6	75.0	75.3	75.6	75.7	75.7	76.0
47,0°	81.8	72.1	71.7	71.9	72.1	72.5	72.8	73.3	73.7	74.3	74.6	75.0	75.2	75.6	75.8
48,0°	79.9	70.8	70.5	70.8	71.0	71.4	71.9	72.4	73.0	73.6	74.1	74.6	75.0	75.3	75.9
49,0°	77.8	69.7	69.4	69.8	69.8	70.5	70.7	71.4	72.0	72.8	73.4	74.1	74.7	75.3	75.9
50,0°	75.8	68.2	68.2	68.6	68.6	69.3	69.5	70.4	71.1	71.9	72.7	73.6	74.4	75.1	75.9
51,0°	73.8	66.9	67.1	67.4	67.5	68.1	68.6	69.4	70.2	71.2	72.1	73.1	73.9	75.0	76.0
52,0°	71.7	65.6	65.9	66.2	66.3	66.8	67.5	68.4	69.2	70.2	71.3	72.5	73.7	74.7	76.2
53,0°	69.7	64.5	64.7	65.0	65.2	65.8	66.5	67.4	68.4	69.5	70.6	71.9	73.4	74.7	76.4
54,0°	67.8	63.4	63.5	63.7	64.0	64.7	65.5	66.5	67.5	68.7	70.0	71.4	73.2	74.9	76.9
55,0°	65.8	62.1	62.2	62.4	62.7	63.5	64.2	65.3	66.5	67.8	69.2	71.0	73.0	75.0	77.3
56,0°	63.9	60.9	60.9	61.1	61.5	62.3	63.1	64.3	65.5	67.1	68.6	70.5	72.8	75.3	78.2
57,0°	62.0	59.8	59.6	60.0	60.3	61.3	61.8	63.3	64.3	66.1	67.9	70.1	72.6	75.4	78.9
58,0°	60.8	58.8	58.5	58.7	59.1	60.0	60.8	62.1	63.5	65.3	67.3	69.8	72.5	75.9	79.7
59,0°	60.1	58.3	57.8	57.6	57.9	58.7	59.6	61.0	62.6	64.3	66.6	69.3	72.5	76.2	80.4
60,0°	60.7	58.9	57.8	57.1	57.1	57.6	58.4	59.8	61.4	63.5	65.9	68.9	72.4	76.5	81.2
61,0°	63.4	61.1	59.5	57.7	57.0	57.0	57.5	58.7	60.3	62.6	65.3	68.5	72.3	76.6	81.6
62,0°	68.4	65.8	63.3	60.3	58.5	57.2	57.1	57.9	59.5	61.7	64.6	68.0	72.0	76.6	81.8
63,0°	75.8	73.2	70.4	65.9	62.8	59.6	58.3	57.8	59.0	60.9	63.7	67.5	71.7	76.5	82.0
64,0°	83.7	81.1	78.3	73.2	69.2	64.2	61.4	59.5	59.7	60.9	63.3	66.8	71.2	76.2	81.5
65,0°	90.3	88.1	86.0	80.4	76.5	70.1	66.8	63.0	62.7	62.6	64.2	66.3	70.5	75.6	80.8
66,0°	93.8	92.5	90.3	86.0	81.7	76.2	72.3	68.6	67.8	67.2	67.5	66.8	69.7	74.5	79.6
67,0°	93.7	93.4	91.5	88.1	84.0	79.2	76.0	73.6	73.6	73.8	73.9	69.4	69.4	73.2	78.0
68,0°	86.4	88.2	87.5	86.2	82.7	79.6	77.3	76.9	79.8	82.3	83.4	75.7	70.4	71.5	75.7
69,0°	73.6	76.6	77.2	78.6	76.4	75.6	74.9	77.8	84.4	89.9	91.4	82.7	73.1	70.4	73.0
70,0°	56.5	61.7	62.4	66.5	65.0	67.1	67.6	74.9	85.5	94.5	94.6	86.4	76.3	69.7	69.5
71,0°	43.3	46.4	48.7	52.5	53.6	55.7	57.8	66.7	80.5	91.6	90.7	83.8	75.0	68.7	65.8
72,0°	36.3	38.0	39.6	42.3	43.9	45.8	47.4	55.3	68.1	79.7	80.4	76.2	69.1	64.5	61.1

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5H43A08DB EAN: 4058352785508	LP number 59066_653
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°	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.6	0.3	0.3
2,5°	199.0	197.7	197.6	196.3	196.2	195.2	195.4	194.4	194.6	193.9	194.4	193.7	194.2	2.7	3.1
5,0°	162.6	160.2	159.8	157.6	157.4	155.7	155.7	154.3	154.3	153.4	153.9	152.8	153.7	5.3	8.4
7,5°	134.6	132.8	132.0	130.5	129.8	128.7	128.4	127.4	127.4	126.7	126.8	126.3	126.5	7.7	16.1
10,0°	119.2	118.1	117.7	116.8	116.6	116.1	115.9	115.7	115.5	115.3	115.3	115.2	115.4	9.8	25.9
12,5°	114.6	113.9	113.6	113.1	112.9	112.4	112.3	111.9	111.9	111.6	111.7	111.5	111.6	11.7	37.6
15,0°	111.8	110.9	110.3	109.5	109.3	108.7	108.4	107.9	107.7	107.5	107.4	107.3	107.4	13.3	50.9
17,5°	108.9	108.0	107.3	106.5	106.0	105.5	105.1	104.7	104.5	104.3	104.2	103.9	103.9	14.7	65.6
20,0°	106.8	105.8	105.1	104.4	103.9	103.4	103.1	102.6	102.5	102.2	102.1	101.9	101.9	16.0	81.5
22,5°	105.1	104.5	103.9	103.0	102.1	101.3	100.9	100.6	100.7	100.6	100.8	100.6	100.8	17.3	98.8
25,0°	103.1	99.7	96.7	92.5	91.6	90.1	90.5	89.5	90.2	89.3	90.1	89.2	90.1	18.6	117.5
27,5°	89.9	87.4	86.2	85.4	84.8	84.3	83.8	83.5	83.3	83.0	82.8	82.8	82.8	20.1	137.6
30,0°	85.9	85.5	85.4	84.9	84.6	84.1	83.5	83.0	82.5	82.2	81.8	81.6	81.6	21.7	159.3
32,5°	85.2	84.7	84.1	83.3	82.5	81.8	81.3	80.5	80.3	79.8	79.7	79.4	79.4	23.4	182.7
35,0°	82.8	82.3	81.8	81.1	80.4	79.6	79.0	78.4	77.9	77.6	77.2	77.0	76.9	25.4	208.1
37,5°	80.6	80.0	79.6	79.1	78.6	78.0	77.6	77.0	76.7	76.2	75.9	75.6	75.4	27.8	235.9
40,0°	78.4	78.3	78.0	77.6	77.3	77.1	76.9	76.5	76.0	75.6	75.2	74.7	74.7	30.5	266.3
42,5°	77.0	76.9	76.9	76.8	76.9	76.9	76.9	76.8	76.4	75.9	75.3	74.7	74.6	33.2	299.5
45,0°	76.4	76.6	76.9	77.1	77.3	77.6	77.8	77.9	77.7	77.1	76.6	75.9	75.7	24.0	323.5
46,0°	76.4	76.7	77.1	77.3	77.8	78.0	78.5	78.6	78.5	78.0	77.6	77.0	76.9	14.1	337.5
47,0°	76.4	76.9	77.5	78.0	78.5	79.0	79.5	79.8	79.8	79.5	79.0	78.5	78.3	14.5	352.0
48,0°	76.4	77.1	77.8	78.6	79.5	80.2	80.8	81.0	81.1	81.0	80.5	80.3	80.2	14.9	366.9
49,0°	76.6	77.5	78.4	79.6	80.5	81.7	82.3	83.0	82.9	83.0	82.5	82.5	82.1	15.4	382.3
50,0°	76.9	77.9	79.2	80.7	82.1	83.6	84.7	85.4	85.4	85.4	85.1	85.1	84.9	15.9	398.2
51,0°	77.2	78.5	80.2	82.1	84.0	85.9	87.2	88.1	88.2	88.2	88.0	88.2	88.0	16.6	414.7
52,0°	77.7	79.5	81.7	84.2	86.6	89.0	90.7	91.8	91.6	91.6	91.6	91.9	91.8	17.3	432.1
53,0°	78.4	80.7	83.4	86.3	89.3	92.2	94.3	95.2	95.1	95.1	95.2	95.6	95.6	18.1	450.2
54,0°	79.2	82.0	85.3	88.9	92.6	95.9	97.9	98.7	98.5	98.5	98.7	99.2	99.1	18.9	469.1
55,0°	80.2	83.7	87.6	92.1	96.3	100.0	102.2	102.6	102.2	102.1	102.3	102.9	102.9	19.8	488.9
56,0°	81.4	85.3	89.9	95.2	99.8	103.9	105.8	106.2	105.2	105.1	105.4	106.1	106.2	20.7	509.7
57,0°	82.7	87.2	92.2	98.3	103.1	107.7	109.2	109.4	108.0	107.7	107.9	108.7	108.6	21.8	531.5
58,0°	84.0	88.8	94.7	101.0	106.3	110.7	112.2	111.9	110.3	109.6	109.7	110.5	110.7	23.1	554.6
59,0°	85.1	90.5	96.6	103.4	108.9	113.2	114.5	113.8	111.8	110.8	110.9	111.6	111.9	24.7	579.3
60,0°	86.2	91.9	98.4	105.2	110.9	115.1	116.0	114.8	112.6	111.3	111.3	112.0	112.1	26.6	605.9
61,0°	86.9	92.7	99.5	106.2	112.1	115.8	116.5	114.8	112.3	110.9	110.9	111.4	111.6	28.9	634.8
62,0°	87.4	93.4	99.9	106.7	112.3	115.7	116.0	114.1	111.3	109.5	109.6	110.1	110.2	31.5	666.3
63,0°	87.5	93.4	99.9	106.2	111.5	114.5	114.5	112.2	109.4	107.4	107.4	107.6	107.9	34.6	700.8
64,0°	87.0	93.0	99.2	105.1	110.1	112.5	112.2	109.7	106.8	104.7	104.5	104.8	105.0	37.2	738.0
65,0°	86.3	91.8	97.8	103.0	107.9	109.4	109.3	106.2	103.5	100.9	101.1	100.9	101.7	38.6	776.6
66,0°	84.9	89.9	95.6	100.4	104.7	106.0	105.5	102.3	99.3	96.5	96.5	96.1	97.0	38.4	815.0
67,0°	82.9	87.5	92.7	97.1	101.1	101.6	100.6	96.3	92.6	88.2	87.9	86.7	87.7	36.9	852.0
68,0°	80.3	84.3	88.9	92.2	94.8	93.1	90.9	86.7	84.1	80.5	80.2	79.6	80.2	33.8	885.8
69,0°	77.1	80.4	83.8	84.6	86.9	85.4	84.3	80.8	77.6	74.7	74.5	73.7	74.3	29.4	915.2
70,0°	73.1	74.4	77.1	78.2	79.8	78.6	77.5	71.9	69.9	65.3	65.4	63.4	64.6	23.5	938.6
71,0°	67.4	68.7	70.6	71.4	71.9	69.3	67.3	63.6	61.4	57.9	57.4	57.0	57.5	17.0	955.6
72,0°	61.8	62.6	63.5	63.4	63.5	62.4	60.1	57.0	54.0	50.6	50.0	49.2	50.1	11.7	967.4

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5H43A08DB EAN: 4058352785508	LP number 59066_653
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siteco

Table of values for luminous intensities	Maximum luminous intensity
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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°	35.2	38.4	44.0	47.9	56.3	63.4	78.3	94.3	136.6	163.2	187.0	188.9	200.9	197.3	202.2
74,0°	29.0	30.2	32.5	33.7	36.7	38.2	42.7	47.1	67.2	83.1	102.3	104.2	116.8	114.8	121.0
75,0°	25.0	25.4	26.8	27.6	29.1	29.4	31.0	31.7	38.9	45.5	55.5	56.9	63.5	63.0	66.6
76,0°	21.4	21.6	22.5	22.8	23.9	24.0	25.1	25.1	27.1	28.9	31.9	32.2	35.2	35.1	36.0
77,0°	18.6	18.6	19.3	19.2	20.1	20.2	20.9	21.1	22.2	22.6	24.0	24.1	25.4	25.3	25.9
78,0°	16.2	15.8	16.3	15.8	16.8	16.7	17.5	17.4	18.4	18.6	19.7	19.5	20.5	20.2	21.4
79,0°	13.6	13.4	13.5	13.1	13.6	13.7	14.3	14.4	15.1	15.3	16.1	16.2	16.7	16.8	17.5
80,0°	11.4	10.9	11.0	10.6	11.0	11.1	11.6	11.7	12.3	12.5	13.2	13.2	13.7	13.8	14.5
81,0°	8.8	8.2	8.4	8.2	8.4	8.5	9.0	9.1	9.6	9.8	10.3	10.3	10.8	11.1	11.6
82,0°	6.5	6.1	6.1	6.1	6.4	6.4	6.7	6.9	7.3	7.3	7.8	7.9	8.4	8.6	9.0
83,0°	4.6	4.3	4.4	4.4	4.6	4.6	5.0	5.0	5.3	5.4	5.8	5.9	6.1	6.3	6.7
84,0°	3.0	2.7	3.0	2.7	3.0	3.0	3.2	3.2	3.4	3.5	3.9	3.9	4.3	4.4	4.7
85,0°	1.9	1.9	1.9	1.9	2.0	1.9	2.0	2.0	2.2	2.2	2.5	2.5	2.7	2.7	3.0
86,0°	1.4	1.3	1.4	1.3	1.3	1.2	1.3	1.2	1.4	1.3	1.4	1.3	1.5	1.5	1.8
87,0°	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
88,0°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
89,0°	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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 micro easy LED	Order number: 5XE5H43A08DB EAN: 4058352785508	LP number 59066_653
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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°	190.7	183.9	152.7	136.4	133.9	142.5	133.0	128.1	117.1	109.9	98.2	90.8	80.7	74.3	56.2
74,0°	109.9	98.2	75.3	71.3	84.6	97.3	90.8	89.9	82.8	80.3	71.4	67.9	60.4	56.5	43.6
75,0°	55.6	48.5	42.3	44.5	56.6	64.5	60.4	60.8	56.4	55.5	49.2	46.5	42.5	41.7	35.7
76,0°	31.8	31.5	30.6	31.9	37.0	40.7	38.8	39.4	36.7	36.8	34.1	33.6	32.3	32.5	29.7
77,0°	25.2	25.7	25.5	26.0	27.6	29.3	28.3	28.9	27.8	28.1	26.8	27.4	27.2	27.6	25.7
78,0°	20.8	21.8	21.6	22.5	22.5	23.8	22.8	23.4	22.4	23.5	24.4	26.3	27.6	25.5	22.8
79,0°	17.4	18.1	18.3	18.8	18.9	19.5	19.2	19.3	19.7	22.2	26.1	30.2	30.9	26.0	21.1
80,0°	14.4	15.0	15.3	15.7	15.7	16.2	16.1	16.4	17.5	21.5	27.2	32.5	31.5	25.4	18.8
81,0°	11.6	11.8	12.1	12.5	12.5	13.0	13.0	13.2	14.4	18.4	23.7	28.5	27.2	22.0	15.6
82,0°	9.1	9.6	9.7	10.1	10.2	10.4	10.2	10.4	11.0	14.0	18.2	22.0	20.7	17.1	12.4
83,0°	6.9	7.3	7.3	7.7	7.6	7.9	7.8	8.0	8.3	10.1	12.2	14.5	13.8	12.5	9.3
84,0°	4.6	5.1	5.1	5.3	5.3	5.7	5.6	5.8	5.7	6.4	7.3	8.9	8.6	8.4	6.5
85,0°	3.1	3.3	3.2	3.5	3.5	3.7	3.7	3.9	3.8	4.3	4.4	5.1	5.1	5.0	4.0
86,0°	1.7	2.0	1.8	2.1	2.0	2.2	2.0	2.5	2.2	2.5	2.2	2.6	2.2	2.6	2.1
87,0°	0.9	0.9	0.9	1.1	1.1	1.2	1.2	1.3	1.2	1.3	1.2	1.3	1.2	1.3	1.2
88,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.8	0.9	0.9
89,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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 micro easy LED	Order number: 5XE5H43A08DB EAN: 4058352785508	LP number 59066_653
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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°	36.5	33.7	33.2	32.3	32.0	31.6	31.9	31.5	31.1	30.6	30.7	31.1	31.7	31.6	31.8
74,0°	33.0	30.9	30.5	29.4	29.3	28.7	29.6	27.3	27.8	27.4	27.8	28.0	28.7	28.4	28.9
75,0°	30.2	28.1	27.6	26.1	26.1	25.4	26.3	24.1	25.0	24.6	25.0	25.2	25.5	25.4	25.9
76,0°	27.1	24.6	23.7	22.6	22.4	22.0	22.5	21.3	22.0	21.5	21.9	21.9	22.2	22.5	22.8
77,0°	24.1	21.4	20.7	19.7	19.5	19.0	19.6	18.7	19.2	18.6	18.9	19.3	19.2	19.5	20.1
78,0°	21.3	18.4	18.0	16.8	16.7	16.3	16.8	16.3	16.7	15.7	16.3	16.3	16.4	16.6	17.4
79,0°	18.6	16.1	15.3	14.4	14.1	14.0	14.4	14.5	14.5	13.1	13.4	13.5	13.5	14.1	14.5
80,0°	15.8	13.7	12.8	12.1	11.8	11.9	12.1	12.4	12.1	10.6	10.9	11.0	11.1	11.6	12.1
81,0°	12.8	11.2	10.4	9.7	9.5	9.3	9.7	9.7	9.1	7.9	8.3	8.5	8.8	9.1	9.6
82,0°	10.3	9.1	8.3	7.7	7.5	7.3	7.6	7.1	6.6	5.9	6.1	6.4	6.7	7.0	7.3
83,0°	7.9	6.9	6.3	5.7	5.6	5.4	5.7	5.0	4.4	4.3	4.5	4.6	4.8	5.1	5.3
84,0°	5.7	4.7	4.4	3.9	3.8	3.7	4.0	3.0	2.8	2.8	3.0	3.1	3.2	3.3	3.4
85,0°	3.8	3.1	2.8	2.6	2.6	2.4	2.6	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.2
86,0°	2.1	1.9	1.8	1.4	1.7	1.4	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
87,0°	1.2	1.2	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.2	1.2	1.2	1.2	1.2	1.2
88,0°	0.9	0.9	0.8	0.7	0.8	0.7	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
89,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.9	0.9	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 micro easy LED	Order number: 5XE5H43A08DB EAN: 4058352785508	LP number 59066_653
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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°	32.4	33.6	34.6	36.5	37.7	38.8	39.5	43.3	51.1	60.7	64.6	64.9	59.5	56.5	55.0
74,0°	29.3	30.5	31.3	32.8	33.8	35.2	35.6	37.3	39.9	46.0	50.4	52.9	50.3	49.4	49.0
75,0°	26.3	27.3	28.1	29.6	30.5	31.9	32.4	33.7	34.9	37.7	40.0	42.8	42.6	43.5	43.4
76,0°	23.1	24.0	24.7	26.1	26.8	28.1	28.6	29.8	30.6	32.3	33.7	35.6	36.5	37.7	38.2
77,0°	20.1	21.2	21.9	23.1	23.7	24.7	25.2	26.3	26.8	28.5	29.7	31.2	31.8	33.2	33.2
78,0°	17.3	18.4	18.7	20.1	20.1	21.3	21.2	22.6	22.9	24.7	25.1	26.8	27.1	28.5	28.0
79,0°	14.8	15.6	16.1	16.8	16.9	17.6	18.0	19.0	19.5	20.7	21.3	22.6	22.9	23.7	23.8
80,0°	12.4	13.1	13.6	13.8	13.8	14.3	14.8	15.7	16.2	17.1	17.7	18.7	18.9	19.6	19.6
81,0°	9.8	10.3	10.5	10.8	10.9	11.2	11.5	12.2	12.5	13.2	13.7	14.5	14.7	15.4	15.3
82,0°	7.6	7.9	8.0	8.4	8.4	8.6	8.8	9.1	9.3	10.1	10.6	11.2	11.6	11.9	11.8
83,0°	5.4	5.8	5.8	6.0	6.0	6.3	6.3	6.6	6.7	7.3	7.6	8.0	8.3	8.6	8.8
84,0°	3.4	3.8	3.8	3.9	3.9	4.1	4.1	4.4	4.4	4.7	4.8	5.2	5.2	5.7	5.7
85,0°	2.2	2.4	2.4	2.5	2.5	2.6	2.5	2.7	2.6	2.8	2.8	3.2	3.1	3.4	3.3
86,0°	1.4	1.5	1.4	1.5	1.4	1.7	1.4	1.7	1.5	1.7	1.7	1.9	1.7	1.9	1.7
87,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
88,0°	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.1	0.9	1.1	1.1	0.9	0.9	0.9	0.9
89,0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	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

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°	55.3	55.3	56.5	56.4	56.6	53.7	51.4	47.7	44.6	42.3	41.2	41.2	41.9	7.8	975.2
74,0°	49.5	49.9	50.6	49.8	48.8	47.2	45.1	40.9	38.7	34.9	34.3	33.3	34.3	5.5	980.7
75,0°	44.6	44.5	44.7	43.5	43.0	40.6	37.0	34.1	31.5	28.9	27.7	27.1	27.9	4.0	984.7
76,0°	38.9	38.4	38.7	36.8	36.7	33.0	30.7	26.5	23.7	21.1	19.9	19.0	19.6	3.1	987.8
77,0°	33.7	33.5	32.9	32.2	29.8	27.3	24.6	20.8	18.0	15.0	13.6	12.3	12.5	2.6	990.3
78,0°	29.2	27.7	28.4	25.8	25.0	21.2	19.0	14.5	12.5	9.3	8.2	6.7	7.1	2.2	992.5
79,0°	24.0	23.3	23.3	21.3	19.6	16.7	14.1	10.8	8.0	5.7	3.9	3.0	3.1	1.8	994.3
80,0°	19.5	19.5	18.7	17.4	15.8	13.1	10.3	7.9	5.9	3.8	2.4	1.9	1.9	1.6	995.9
81,0°	15.8	15.3	14.9	13.4	11.8	9.6	7.9	5.9	4.0	2.8	1.7	1.4	1.4	1.2	997.1
82,0°	12.1	11.7	11.4	10.3	8.9	7.2	5.8	4.5	3.1	2.1	1.4	1.2	1.2	1.0	998.1
83,0°	8.8	8.6	8.4	7.6	6.6	5.3	4.4	3.3	2.4	1.4	1.2	1.2	1.2	0.7	998.8
84,0°	6.0	5.7	5.7	5.0	4.5	3.5	3.1	2.4	1.9	1.2	1.2	0.9	0.9	0.5	999.2
85,0°	3.5	3.5	3.7	3.1	2.8	2.4	2.1	1.7	1.4	1.2	0.9	0.9	0.9	0.3	999.5
86,0°	1.9	1.7	1.8	1.4	1.7	1.4	1.4	1.2	1.2	0.9	0.9	0.9	0.9	0.2	999.7
87,0°	1.2	1.2	1.2	1.2	1.1	0.9	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.1	999.8
88,0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.1	999.9
89,0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	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 micro easy LED	Order number: 5XE5H43A08DB EAN: 4058352785508	LP number 59066_653
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Dimming levels table	environmental temperature: 25°C	siteco
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Luminous flux %	Output ECG [%]	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	100	5230	39.1	40.8	40.0
95	94	4977	36.7	38.2	37.4
90	88	4718	34.3	35.8	35.0
85	82	4451	31.9	33.4	32.6
80	76	4177	29.7	30.9	30.3
75	71	3943	27.7	28.9	28.3
70	65	3657	25.4	26.5	26.0
65	60	3412	23.5	24.5	24.0
60	55	3162	21.6	22.5	22.0
55	49	2855	19.4	20.1	19.8
50	44	2593	17.5	18.2	17.8
45	40	2379	16.0	16.7	16.4
40	35	2105	14.2	14.7	14.4
35	30	1826	12.4	12.9	12.6
31	26	1598	11.0	11.4	11.2
25	21	1307	9.2	9.5	9.4
20	17	1070	7.8	8.0	7.9
17	14	890	6.8	7.0	6.9

Dimming levels table	environmental temperature: 5°C
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Luminous flux %	Output ECG [%]	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	100	5350	39.6	41.3	40.4
95	94	5086	37.1	38.7	37.9
90	88	4816	34.7	36.2	35.4
85	82	4539	32.3	33.8	33.0
80	77	4304	30.3	31.7	31.0
75	71	4016	28.1	29.2	28.6
70	65	3721	25.7	26.8	26.2
65	60	3468	23.9	24.8	24.4
60	55	3212	21.9	22.9	22.4
55	50	2951	20.0	20.8	20.4
50	45	2684	18.2	18.9	18.5
45	40	2411	16.3	16.9	16.6
40	35	2133	14.5	14.9	14.7
35	30	1849	12.6	13.1	12.8
30	26	1617	11.2	11.5	11.4
25	21	1322	9.3	9.7	9.5
20	17	1082	7.9	8.2	8.0
17	14	899	6.9	7.1	7.0

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5H43A08DB EAN: 4058352785508	LP number 59066_653
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Dimming levels table	environmental temperature: 15°C	sITeco
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Luminous flux %	Output ECG [%]	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	100	5300	39.3	41.0	40.2
95	94	5041	36.9	38.5	37.7
90	88	4776	34.5	36.0	35.2
85	82	4504	32.1	33.6	32.8
80	76	4224	29.8	31.1	30.4
75	71	3987	27.9	29.0	28.4
70	65	3695	25.5	26.7	26.1
65	60	3446	23.7	24.7	24.2
60	55	3193	21.8	22.7	22.2
55	50	2934	19.9	20.7	20.3
50	45	2669	18.0	18.7	18.4
45	40	2400	16.1	16.8	16.5
40	35	2123	14.3	14.8	14.6
35	30	1840	12.5	13.0	12.8
30	26	1610	11.1	11.5	11.3
25	21	1317	9.3	9.6	9.4
20	17	1078	7.8	8.1	8.0
17	14	896	6.8	7.0	6.9

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5H43A08DB EAN: 4058352785508	LP number 59066_653
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Luminousfluxs table	sITeco
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Temperature °C	Luminous flux lm	Power consumption W
25.0	5230.0	39.1
5.0	5350.0	39.6
15.0	5300.0	39.3