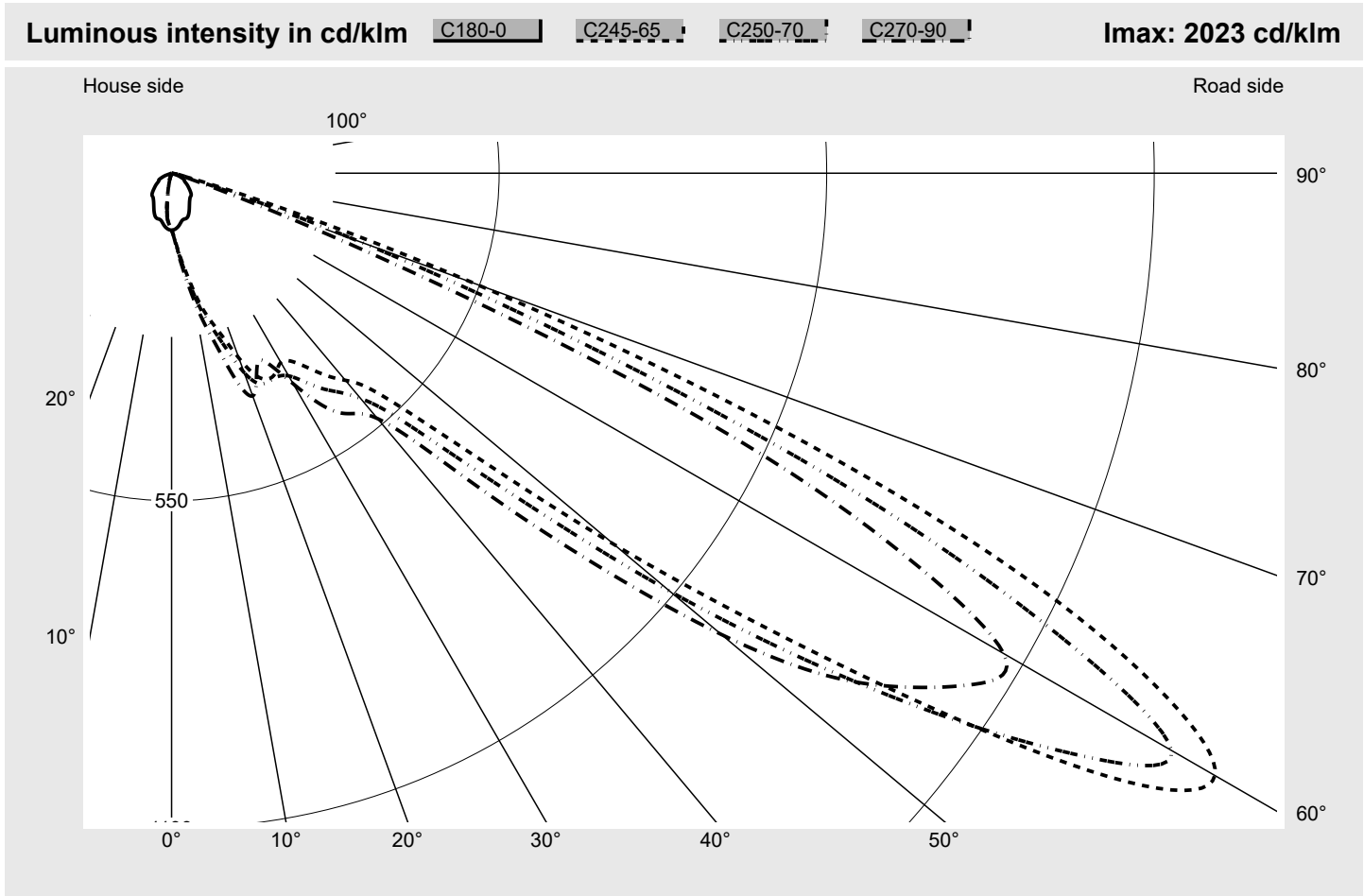


Photometric test report

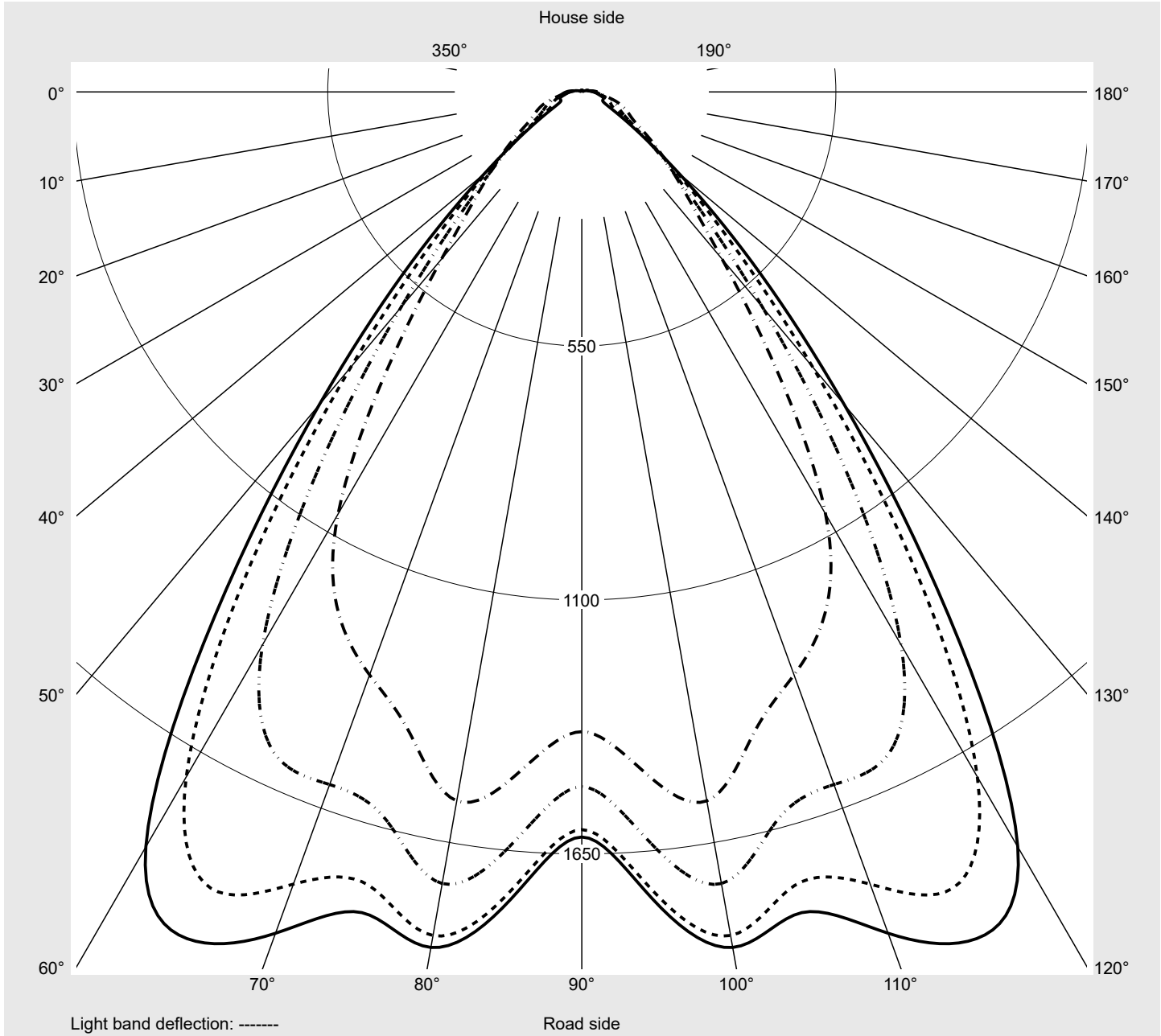
Family Floodlight FL11	Order number: 5XA779726X01KB EAN: 4069025144980	LP number 59552_258
	Version	standard bracket
	Optic	asymmetric distribution PL33T with Back Light Control
	Cover	toughened safety glass
	Lamps	LED 4000 K CRI ≥ 70
	Controlgear	ECG-DMX
	Rated values	Net luminous flux = 132400 lm Power consumption = 1200.3 W Luminous efficacy = 110.3 lm/W
		serial documentation 17.10.2024
		siteco



Luminaire output ratios		Luminous intensity class acc. to EN13201-2	
Eta	100.0%	Class:	G3
Eta 0° - 90°	100.0%	Imax 70°	555.3
Eta 90° - 180°	0.0%	Imax 80°	11.9
		Imax 90°	0.0
		Imax >90°	0.0
		Imax >95°	0.0
Measurement conditions			
DIN EN 13032 and DIN 5032			

Photometric test report

Family Floodlight FL11	Order number: 5XA779726X01KB EAN: 4069025144980	LP number 59552_258
Envelope curve in cd/klm	KMK 60° KMK 57.5° KMK 55° KMK 52.5°	siteco



Photometric test report

Family Floodlight FL11		Order number: 5XA779726X01KB EAN: 4069025144980										LP number 59552_258	
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°	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
2,5°	94.9	95.1	96.2	97.4	98.7	100.0	101.3	102.5	103.7	104.9	106.1	107.2	108.2
5,0°	92.9	94.1	96.5	99.1	101.9	105.1	108.5	112.1	115.8	119.4	122.8	126.1	129.2
7,5°	89.6	91.7	95.3	99.5	104.6	110.3	116.4	122.5	128.8	135.2	141.4	147.7	153.3
10,0°	85.3	88.2	93.2	99.7	107.2	115.3	123.7	132.3	141.2	151.1	161.1	171.3	181.3
12,5°	81.4	85.5	92.1	100.5	109.7	119.7	130.4	142.6	155.6	169.6	184.6	199.3	214.2
15,0°	80.0	85.8	94.3	104.4	114.9	126.4	140.3	156.1	173.8	193.0	211.9	228.4	243.5
17,5°	79.9	87.6	98.4	110.1	122.0	136.6	153.6	172.7	192.5	211.0	228.3	246.4	266.9
20,0°	78.4	87.8	100.5	114.2	129.7	148.2	168.9	189.8	207.9	225.3	246.3	271.3	300.7
22,5°	74.7	85.7	100.2	117.0	137.8	161.0	183.4	203.6	224.9	249.5	278.2	308.8	340.0
25,0°	69.8	81.5	97.2	117.7	143.2	168.1	190.1	215.3	243.0	274.3	308.6	339.3	365.4
27,5°	64.6	75.9	92.4	116.7	146.1	172.4	200.1	232.6	264.3	294.6	321.2	341.9	361.1
30,0°	60.0	70.6	88.4	117.6	151.0	183.3	218.3	257.9	288.5	303.1	310.4	320.4	340.0
32,5°	56.2	66.8	86.9	121.5	159.4	198.1	242.6	290.3	311.0	304.6	295.6	304.3	335.0
35,0°	53.4	64.6	87.2	121.2	163.4	211.4	264.4	309.9	316.0	300.7	293.9	312.3	353.0
37,5°	51.2	64.5	85.1	114.4	163.4	220.4	274.9	303.6	301.2	295.9	301.3	326.5	377.6
40,0°	50.2	64.4	80.3	109.5	160.7	219.2	266.0	276.8	283.6	300.2	315.2	342.8	395.9
42,5°	48.7	63.2	77.3	110.4	162.0	212.2	245.7	253.1	280.4	311.7	330.6	358.7	415.7
45,0°	45.3	60.5	74.0	109.5	158.2	193.8	215.1	238.0	286.5	321.9	342.6	384.6	471.8
47,5°	41.2	55.5	66.2	99.4	140.4	164.7	185.9	226.5	280.1	321.5	356.5	444.4	591.0
50,0°	37.3	48.0	58.4	87.0	116.9	136.3	160.4	207.7	260.3	316.2	394.3	561.6	793.7
52,5°	33.8	41.1	51.6	74.9	95.6	112.8	135.7	183.4	244.2	326.9	472.6	736.5	1055.3
55,0°	29.9	36.4	45.6	64.2	78.8	91.2	111.3	158.3	238.2	366.9	608.8	990.5	1382.4
57,5°	26.4	33.2	42.1	56.2	65.5	72.4	95.1	156.0	263.2	448.0	777.4	1252.6	1712.6
60,0°	24.7	31.8	39.1	47.7	48.9	51.7	77.0	142.7	275.1	520.5	884.1	1384.8	1887.5
62,5°	23.9	29.7	35.4	38.9	34.8	37.6	60.5	121.7	256.3	497.9	841.5	1324.2	1876.0
65,0°	20.0	24.7	30.4	33.6	26.6	27.4	47.5	97.4	195.0	387.8	667.7	1054.4	1586.9
67,5°	15.3	20.0	25.2	23.9	17.3	18.9	30.0	58.8	119.5	239.3	427.2	690.4	1052.9
70,0°	10.8	15.1	19.9	16.4	11.8	10.8	15.6	32.7	72.2	146.6	268.8	415.2	555.3
72,5°	7.1	10.6	13.8	9.8	6.8	6.6	9.5	18.7	41.9	83.9	143.4	210.1	267.5
75,0°	4.2	6.7	6.9	5.1	3.9	4.4	6.7	10.9	21.3	43.9	73.5	88.1	92.5
77,5°	2.7	4.3	3.1	2.5	2.1	2.6	4.1	6.5	11.6	10.8	10.2	10.4	11.7
80,0°	1.3	1.9	1.3	1.0	0.9	1.4	2.5	3.2	3.6	3.8	4.0	4.6	6.1
82,5°	0.5	0.6	0.5	0.4	0.4	0.8	1.3	1.5	1.6	1.8	2.0	2.3	2.9
85,0°	0.4	0.4	0.4	0.3	0.2	0.4	0.6	0.7	0.7	0.8	0.9	1.0	1.1
87,5°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4
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 Floodlight FL11	Order number: 5XA779726X01KB EAN: 4069025144980	LP number 59552_258
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Table of values for luminous intensities	Maximum luminous intensity	siteco
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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°	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
2,5°	109.3	109.9	110.5	111.0	111.2	111.3	93.3	92.6	91.8	91.1	90.5	89.8	89.3
5,0°	132.1	134.7	136.4	137.8	138.8	139.3	90.5	89.0	87.5	86.2	85.0	84.0	82.9
7,5°	158.8	163.8	167.5	170.6	172.4	173.0	86.8	84.6	82.7	81.0	79.2	77.4	75.6
10,0°	191.1	199.5	206.7	212.1	215.3	216.1	82.0	79.5	77.1	74.6	72.2	69.6	66.7
12,5°	228.1	239.7	249.1	255.9	259.8	261.6	77.7	74.9	71.9	68.8	65.5	61.3	55.2
15,0°	258.2	272.7	286.2	297.9	310.0	308.4	74.9	71.2	67.1	63.1	57.8	50.4	42.5
17,5°	289.6	311.9	333.0	351.5	364.1	368.7	73.0	68.0	62.9	57.3	49.3	40.4	32.1
20,0°	330.2	356.3	375.0	388.5	395.9	398.0	69.9	63.4	56.9	49.1	39.9	30.8	24.7
22,5°	366.7	382.4	385.6	381.7	376.1	372.4	65.2	57.4	49.0	39.6	31.0	24.2	20.9
25,0°	381.5	385.8	377.8	364.8	353.0	347.6	59.3	50.2	39.7	30.3	24.2	20.2	12.5
27,5°	378.0	385.2	381.5	374.3	367.8	366.1	54.0	43.5	31.6	24.0	20.5	13.5	10.4
30,0°	366.9	393.0	405.7	407.0	407.2	408.3	49.9	38.4	25.1	20.4	16.8	10.8	9.6
32,5°	374.5	415.0	442.0	451.1	453.3	456.5	46.8	34.3	20.9	18.2	12.4	9.9	8.8
35,0°	398.7	441.7	472.8	485.0	487.9	490.9	44.1	30.6	18.4	16.2	11.0	9.3	7.9
37,5°	428.7	463.9	492.4	505.1	507.0	508.7	41.7	27.4	16.7	13.2	10.3	8.3	7.2
40,0°	454.1	493.9	515.9	532.4	536.8	537.9	38.9	24.3	15.6	11.9	9.5	7.4	6.8
42,5°	489.2	550.5	586.8	619.0	623.4	622.3	35.5	20.4	14.0	11.4	8.8	7.1	6.6
45,0°	576.4	669.3	735.8	795.0	792.8	786.0	32.2	16.7	12.3	11.3	8.4	6.6	6.1
47,5°	733.6	852.2	946.3	1030.3	1010.7	986.2	29.1	14.5	12.0	11.0	7.9	5.9	5.3
50,0°	969.9	1092.1	1200.2	1308.1	1257.4	1205.0	26.9	14.0	12.7	11.1	7.6	5.2	4.6
52,5°	1245.8	1343.3	1437.7	1558.8	1471.9	1385.3	24.6	14.9	13.8	10.9	7.1	4.4	4.1
55,0°	1577.6	1596.0	1633.0	1740.5	1624.7	1504.5	22.4	14.8	12.9	10.2	5.4	3.9	3.7
57,5°	1901.9	1825.5	1779.0	1854.7	1733.5	1597.4	20.0	14.4	11.6	8.8	4.0	3.5	3.4
60,0°	2022.8	1938.6	1839.7	1881.0	1753.9	1613.4	18.1	14.8	10.3	6.6	3.5	3.2	3.0
62,5°	1861.2	1678.3	1551.2	1598.4	1499.9	1383.8	16.1	14.5	8.7	4.0	3.1	2.8	2.6
65,0°	1528.6	1268.7	1152.1	1165.0	1093.8	1008.1	13.1	13.4	6.7	3.1	2.6	2.3	2.2
67,5°	1045.8	751.9	631.8	585.7	520.1	465.0	9.9	10.0	3.9	2.4	2.0	1.9	2.1
70,0°	540.3	336.9	231.7	193.6	156.7	132.9	7.1	6.6	2.5	1.8	1.6	1.6	1.9
72,5°	188.4	85.8	58.9	49.2	41.0	36.1	4.3	3.3	1.9	1.4	1.3	1.4	1.7
75,0°	40.5	29.7	31.6	30.9	24.4	21.3	2.4	2.0	1.3	1.1	1.1	1.2	1.4
77,5°	15.4	17.6	18.3	19.8	14.5	12.2	1.5	1.2	0.9	0.8	0.8	0.9	1.2
80,0°	8.9	9.5	9.4	11.9	8.5	7.0	0.8	0.7	0.5	0.5	0.5	0.7	0.9
82,5°	3.8	4.3	4.1	5.6	4.2	3.3	0.4	0.4	0.3	0.3	0.3	0.5	0.7
85,0°	1.4	1.4	1.3	1.6	1.4	1.2	0.3	0.3	0.2	0.2	0.3	0.3	0.4
87,5°	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.2	0.1	0.1	0.1	0.2	0.2
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 Floodlight FL11		Order number: 5XA779726X01KB EAN: 4069025144980										LP number 59552_258	
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°	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	0.1	0.1
2,5°	88.8	88.4	87.9	87.7	87.4	87.2	87.1	86.9	86.8	86.8	86.7	1.2	1.3
5,0°	82.0	81.1	80.2	79.5	78.7	78.0	77.4	77.0	76.7	76.5	76.4	2.4	3.7
7,5°	73.7	71.9	69.7	67.6	65.2	62.9	60.8	59.3	58.0	57.3	57.0	3.7	7.4
10,0°	62.9	58.0	52.9	48.1	43.7	40.2	37.5	35.4	34.0	33.2	32.9	5.0	12.3
12,5°	48.5	41.5	35.6	30.9	27.6	25.6	24.4	23.7	23.3	23.2	23.1	6.5	18.8
15,0°	35.0	29.2	25.3	23.6	22.8	21.8	19.4	16.8	14.8	13.7	13.9	8.3	27.1
17,5°	26.3	23.7	22.1	17.2	13.0	11.5	10.9	10.6	10.3	10.2	10.2	10.3	37.4
20,0°	22.3	16.7	11.8	10.7	10.2	9.8	9.5	9.3	9.1	9.1	9.0	12.4	49.8
22,5°	13.5	10.8	10.0	9.5	9.1	8.9	8.6	8.4	8.3	8.2	8.2	14.4	64.2
25,0°	10.4	9.6	9.0	8.6	8.3	8.1	7.9	7.8	7.7	7.6	7.6	16.0	80.2
27,5°	9.5	8.7	8.2	7.9	7.6	7.5	7.4	7.3	7.2	7.2	7.1	17.7	97.9
30,0°	8.7	8.0	7.6	7.3	7.1	7.0	6.9	6.8	6.8	6.7	6.7	19.6	117.4
32,5°	7.8	7.4	7.0	6.8	6.6	6.5	6.3	6.2	6.1	6.0	6.0	21.9	139.4
35,0°	7.2	6.9	6.6	6.3	6.1	5.9	5.8	5.6	5.5	5.5	5.5	24.4	163.8
37,5°	6.8	6.4	6.1	5.8	5.5	5.4	5.3	5.2	5.1	5.0	5.0	26.5	190.2
40,0°	6.4	6.0	5.6	5.3	5.2	5.1	5.0	5.0	4.9	4.8	4.8	28.6	218.8
42,5°	6.1	5.7	5.4	5.1	4.9	5.0	4.9	4.8	4.6	4.5	4.5	31.9	250.7
45,0°	5.6	5.2	5.0	4.8	4.7	4.8	4.7	4.5	4.4	4.3	4.2	37.7	288.5
47,5°	5.0	4.7	4.5	4.4	4.4	4.4	4.4	4.3	4.2	4.2	4.1	45.9	334.4
50,0°	4.4	4.3	4.2	4.1	4.1	4.2	4.2	4.2	4.1	4.1	4.1	56.8	391.1
52,5°	4.0	4.0	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	69.1	460.2
55,0°	3.6	3.6	3.8	3.8	3.9	3.9	3.9	3.9	4.0	4.0	3.9	82.6	542.8
57,5°	3.2	3.4	3.6	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	96.3	639.1
60,0°	2.9	3.1	3.5	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.7	103.9	743.1
62,5°	2.6	3.0	3.4	3.5	3.7	3.7	3.6	3.6	3.6	3.6	3.6	95.6	838.6
65,0°	2.5	3.0	3.3	3.4	3.5	3.5	3.4	3.4	3.4	3.4	3.4	75.8	914.5
67,5°	2.4	2.8	3.0	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	46.2	960.7
70,0°	2.2	2.5	2.7	2.9	3.0	3.0	3.0	3.0	2.9	2.9	2.9	22.7	983.4
72,5°	2.0	2.3	2.5	2.7	2.9	2.7	2.6	2.6	2.6	2.5	2.5	9.5	992.9
75,0°	1.7	2.0	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	4.2	997.1
77,5°	1.4	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.5	998.6
80,0°	1.1	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.3	0.8	999.4
82,5°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.4	999.8
85,0°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.2	999.9
87,5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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	1000.0

Photometric test report

Family Floodlight FL11	Order number: 5XA779726X01KB EAN: 4069025144980	LP number 59552_258
Dimming levels table		environmental temperature: 25°C
		siteco

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	255	132400	1200.3
95	239	125722	1124.1
90	223	118961	1048.9
85	209	112678	982.4
80	194	105837	912.5
75	180	99280	846.8
70	166	92545	781.5
65	153	86177	720.7
60	140	79579	661.0
55	127	72970	601.2
50	114	66177	541.2
45	102	59700	486.4
40	90	52778	432.2
35	78	46271	377.4
30	66	39489	322.5
25	55	33255	273.6
20	43	26275	221.4
15	32	19596	173.3
10	21	13062	115.7
5	10	6445	62.6
2	4	2433	33.2