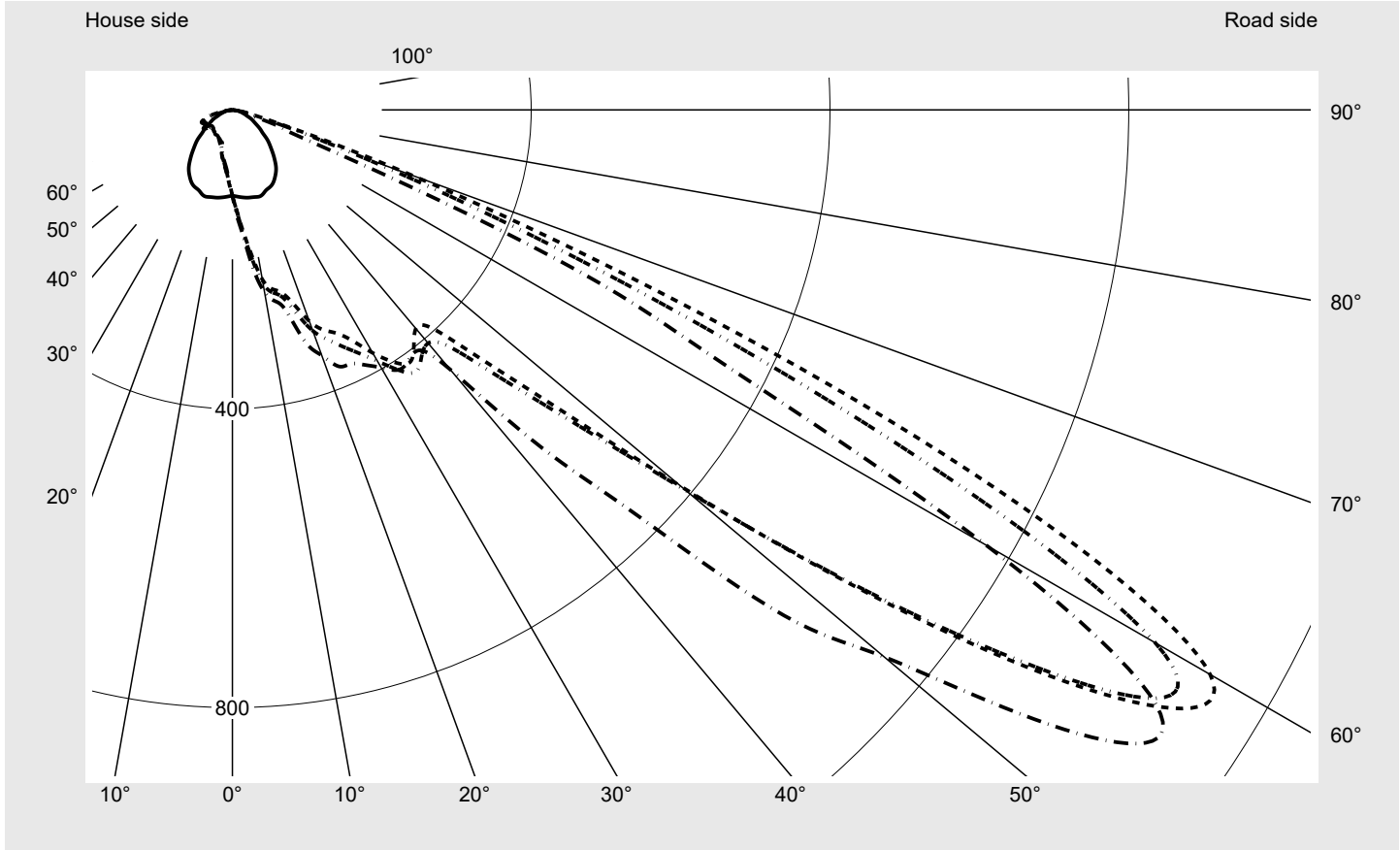


Photometric test report

Family Floodlight FL11	Order number: 5XA779427F01BA EAN: 4058352883273	LP number 59254_76
	Version standard bracket Optic asymmetric distribution PL33T Cover toughened safety glass Lamps LED 5000 K CRI ≥ 70 Controlgear ECG-DALI Rated values Ta = 10 °C Net luminous flux = 132850 lm Power consumption = 953.7 W Luminous efficacy = 139.3 lm/W	serial documentation 11.09.2023



Luminous intensity in cd/klm C180-0 C240-60 C245-65 C270-90 **Imax: 1512 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:	G6
Imax 70°	293.1
Imax 80°	14.2
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

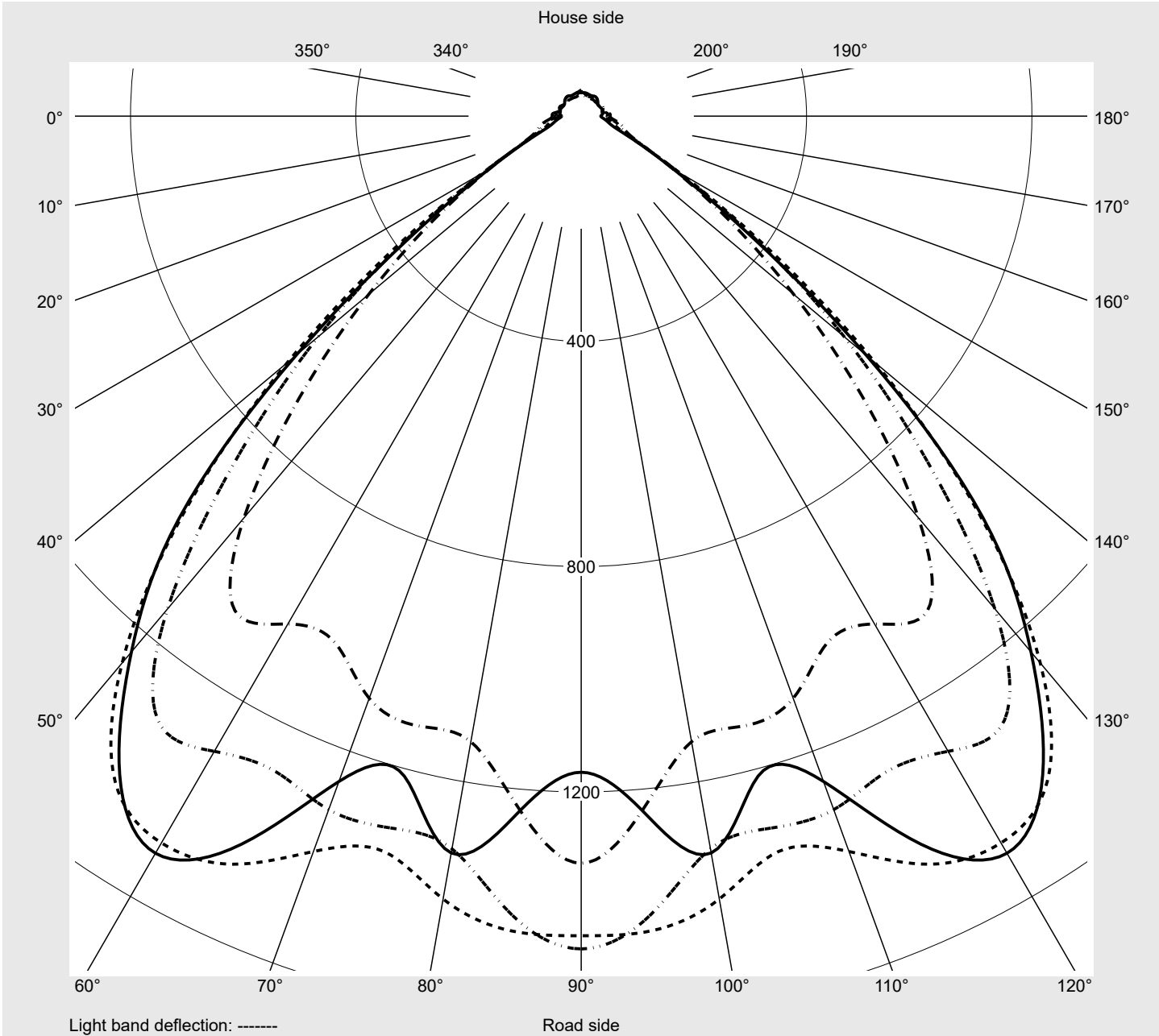
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight FL11	Order number: 5XA779427F01BA EAN: 4058352883273	LP number 59254_76
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Envelope curve in cd/klm **KMK 60°** **KMK 57.5°** **KMK 55°** **KMK 52.5°** **siteco**



Photometric test report

Family Floodlight FL11	Order number: 5XA779427F01BA EAN: 4058352883273	LP number 59254_76
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siteco

Table of values for luminous intensities Maximum luminous intensity

C-planes	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
γ	Luminous intensity in cd/klm												
0,0°	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1
2,5°	115.9	117.8	119.7	121.5	123.4	125.2	127.0	128.8	130.5	131.9	133.2	134.2	135.3
5,0°	117.1	121.3	125.6	129.8	134.2	138.3	142.4	146.4	150.1	153.5	156.8	159.9	162.8
7,5°	118.3	124.1	130.4	136.4	142.6	148.8	155.3	162.1	168.8	175.4	182.2	189.0	195.4
10,0°	119.3	126.8	134.5	142.4	151.3	160.9	171.1	181.6	192.6	203.6	214.1	223.0	230.3
12,5°	119.8	129.0	139.4	150.3	162.7	175.1	187.4	200.1	212.5	223.0	231.9	239.5	245.6
15,0°	120.7	131.9	144.3	157.2	170.3	183.2	196.8	209.8	221.1	230.4	238.2	245.7	253.1
17,5°	121.5	133.8	147.1	160.7	173.9	188.6	203.4	216.6	227.5	236.8	246.9	259.4	272.5
20,0°	119.8	133.6	147.5	161.2	176.3	193.1	210.5	225.9	238.6	250.8	266.8	284.5	300.8
22,5°	116.8	131.1	146.6	161.5	178.5	197.9	218.3	235.9	249.3	265.0	286.2	304.9	318.7
25,0°	115.3	128.1	142.9	160.9	179.9	199.8	221.6	240.6	253.5	271.5	293.5	312.2	329.9
27,5°	113.7	125.3	137.4	158.3	178.2	198.8	220.7	242.0	257.3	277.0	300.8	326.5	348.4
30,0°	110.6	122.0	132.5	153.9	175.5	195.6	219.8	248.1	269.8	294.7	324.9	355.7	375.6
32,5°	106.2	118.6	127.7	149.6	171.9	193.1	222.3	256.7	284.7	313.1	348.5	381.3	399.7
35,0°	101.5	113.9	123.3	144.5	166.4	191.2	224.8	260.7	291.8	321.5	358.8	390.8	413.1
37,5°	95.8	106.4	118.0	137.5	159.7	186.2	223.8	257.5	285.2	314.5	349.5	379.3	399.0
40,0°	88.4	96.3	109.5	127.9	150.5	179.8	220.9	250.8	275.3	305.2	341.3	364.0	382.1
42,5°	81.0	87.2	100.4	118.1	139.5	173.8	220.1	250.3	278.2	318.0	358.6	378.8	396.9
45,0°	73.5	78.9	93.2	111.7	132.2	169.5	220.8	256.6	301.2	362.9	416.9	458.3	472.5
47,5°	66.9	72.2	87.1	103.0	121.1	156.3	209.4	261.0	334.8	427.1	526.9	585.7	591.5
50,0°	59.9	61.5	73.3	85.5	98.0	128.1	188.1	269.9	388.8	533.6	698.5	798.8	784.9
52,5°	51.4	55.5	67.8	77.4	87.6	117.4	189.0	316.2	492.3	707.7	931.2	1071.9	1041.5
55,0°	46.1	50.5	62.6	70.6	82.4	114.7	200.7	369.8	609.3	871.2	1142.3	1309.8	1302.6
57,5°	40.2	43.9	54.3	62.0	75.5	111.5	202.5	390.4	681.2	999.1	1267.7	1442.4	1490.3
60,0°	34.9	38.5	45.2	52.9	69.0	109.8	191.1	356.9	660.3	1008.6	1242.1	1428.2	1511.5
62,5°	30.9	33.3	37.7	44.9	59.8	97.7	158.8	278.0	512.4	813.0	1008.6	1237.1	1295.6
65,0°	26.8	28.7	32.7	39.5	49.3	73.0	115.3	190.6	336.2	538.9	731.9	943.1	924.7
67,5°	21.4	22.4	26.6	32.5	40.3	52.1	74.3	113.3	187.7	307.0	459.4	575.1	534.1
70,0°	18.4	18.3	20.4	27.2	35.3	42.2	54.2	70.0	98.5	151.6	233.9	293.1	253.9
72,5°	15.1	15.5	16.6	21.9	28.1	33.3	38.7	45.1	54.2	70.0	91.0	111.2	98.9
75,0°	12.7	13.1	13.5	16.2	20.2	22.7	25.8	26.8	30.7	34.4	39.7	46.0	41.9
77,5°	10.1	10.8	11.0	12.3	14.2	15.1	15.9	16.2	17.8	19.7	22.3	24.9	23.6
80,0°	8.4	8.0	8.3	9.8	9.4	9.6	9.4	9.8	10.8	11.4	13.1	13.8	13.3
82,5°	7.0	5.9	5.3	6.3	6.1	5.6	5.1	5.5	5.8	6.2	7.1	7.3	6.9
85,0°	3.7	3.0	2.5	2.5	2.4	2.3	2.4	2.4	2.4	2.7	3.0	3.1	3.0
87,5°	0.8	0.7	0.7	0.7	0.7	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2
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: 5XA779427F01BA EAN: 4058352883273	LP number 59254_76
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°	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1
2,5°	136.2	136.9	137.5	138.0	138.4	142.8	114.0	112.3	110.6	109.1	107.4	106.0	104.6
5,0°	165.4	167.6	169.5	171.1	172.2	171.0	113.1	109.5	106.2	103.1	100.1	97.4	95.0
7,5°	201.0	205.3	208.7	211.4	213.4	215.0	112.7	107.4	102.5	98.0	94.0	90.4	87.2
10,0°	236.0	240.3	243.5	245.8	247.5	247.6	112.1	105.5	99.3	93.5	88.3	84.2	80.7
12,5°	250.6	254.2	257.0	259.0	260.5	262.0	111.2	103.1	95.7	89.2	83.4	79.0	75.2
15,0°	259.9	265.8	271.3	275.8	279.2	278.8	110.3	100.9	92.7	84.9	78.0	72.5	68.3
17,5°	285.5	297.2	307.1	314.2	319.2	326.4	109.2	97.1	87.1	79.6	73.0	67.5	63.4
20,0°	314.7	325.4	334.0	341.6	348.0	349.8	105.4	93.1	83.4	75.1	68.0	63.2	59.8
22,5°	332.6	346.4	355.5	362.2	367.7	371.6	103.2	90.0	78.9	70.2	63.8	59.2	54.4
25,0°	349.6	366.6	373.1	374.0	374.3	375.0	100.0	85.6	75.1	66.7	60.4	54.2	50.4
27,5°	367.3	384.2	392.0	390.8	385.7	384.9	95.1	80.6	71.4	63.5	56.4	50.9	48.3
30,0°	388.4	402.0	408.5	405.1	400.6	398.3	90.6	76.8	67.6	60.3	52.7	49.0	46.5
32,5°	412.6	421.2	419.2	410.7	409.5	412.7	86.7	73.1	63.8	55.8	50.5	47.5	45.2
35,0°	428.1	430.1	422.3	413.7	409.5	410.4	81.8	68.6	59.9	52.5	48.9	46.0	43.9
37,5°	416.0	425.5	416.3	408.9	404.6	406.4	77.3	64.4	54.5	49.5	47.0	44.4	41.9
40,0°	407.7	426.0	429.6	432.6	448.4	453.6	72.2	59.3	50.5	47.0	44.7	43.3	41.0
42,5°	430.0	468.1	493.4	521.0	564.8	614.1	67.5	54.0	47.4	44.9	43.5	41.8	40.0
45,0°	506.8	568.7	617.4	667.9	736.7	770.1	63.9	50.2	44.9	43.1	41.9	40.2	39.1
47,5°	619.7	699.6	761.5	806.6	904.7	1001.9	59.8	47.0	42.7	41.3	40.7	39.2	38.1
50,0°	792.7	875.4	920.3	947.6	1059.0	1139.0	55.3	44.0	39.8	39.7	39.2	37.8	36.6
52,5°	1032.6	1100.3	1120.9	1128.1	1238.5	1326.8	50.6	42.4	38.7	38.9	38.1	36.6	35.8
55,0°	1284.2	1310.6	1308.7	1321.2	1422.9	1478.9	47.3	42.0	40.0	41.0	41.2	38.2	37.2
57,5°	1465.8	1389.8	1352.1	1411.8	1451.9	1455.5	42.5	40.2	39.8	40.9	39.4	38.4	36.9
60,0°	1426.5	1257.4	1213.4	1328.7	1237.4	1165.2	37.7	37.8	38.2	38.5	37.2	36.4	36.3
62,5°	1124.2	952.3	945.6	1015.6	907.5	758.4	32.6	35.1	36.2	35.5	35.2	35.0	35.6
65,0°	735.3	603.2	614.9	613.5	555.9	513.8	29.2	32.1	33.4	32.9	32.3	33.3	35.5
67,5°	404.6	331.1	313.7	259.8	206.8	151.5	25.9	27.8	29.6	28.7	30.2	31.6	34.3
70,0°	183.2	158.3	140.3	92.9	73.1	71.8	20.7	21.8	22.6	24.0	27.9	28.8	31.4
72,5°	77.7	68.3	56.4	42.9	38.2	35.3	16.4	17.8	19.1	20.5	24.8	25.7	26.6
75,0°	37.3	34.1	29.2	25.1	22.7	23.4	13.2	14.6	15.6	17.3	20.5	21.5	21.5
77,5°	21.7	20.1	17.6	15.8	14.7	13.9	10.4	11.6	12.6	13.5	15.4	17.0	16.4
80,0°	11.9	11.2	10.4	9.9	9.5	9.7	8.1	8.6	9.0	9.9	10.8	12.4	12.4
82,5°	6.1	5.9	5.8	5.6	5.6	5.4	6.2	6.7	6.8	7.0	7.8	8.3	8.9
85,0°	2.9	2.9	2.9	2.8	2.8	2.9	3.3	3.0	3.5	3.3	3.2	3.5	3.7
87,5°	1.3	1.3	1.3	1.4	1.4	1.4	0.7	0.8	0.9	1.0	1.0	1.1	1.1
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family Floodlight FL11	Order number: 5XA779427F01BA EAN: 4058352883273	LP number 59254_76
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°	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	0.2	0.2
2,5°	103.3	102.1	100.9	99.9	99.0	98.3	97.7	97.3	97.0	96.7	96.6	1.4	1.6
5,0°	92.7	90.7	88.9	87.4	86.1	85.0	84.1	83.3	82.8	82.3	82.2	2.9	4.5
7,5°	84.5	82.1	80.1	78.4	76.9	75.8	74.9	74.3	73.9	73.6	73.5	4.7	9.1
10,0°	77.7	75.3	73.2	71.4	69.9	68.8	68.0	67.5	67.3	67.1	67.1	6.6	15.7
12,5°	72.0	69.2	67.0	65.2	63.9	63.0	62.6	62.4	62.2	61.9	61.7	8.5	24.2
15,0°	65.1	62.2	59.6	57.8	56.6	55.2	53.8	53.0	52.6	52.5	52.5	10.2	34.5
17,5°	60.4	57.7	54.7	51.7	50.6	50.0	49.1	48.2	46.8	46.1	45.9	12.3	46.8
20,0°	56.1	51.9	49.8	48.9	48.2	47.1	46.5	45.5	45.1	44.9	44.9	14.6	61.4
22,5°	50.6	48.6	47.4	46.3	45.4	44.5	43.6	43.1	43.1	43.1	43.1	16.8	78.2
25,0°	48.3	46.7	44.9	43.9	43.0	41.8	41.3	41.2	41.3	41.5	41.9	18.7	96.9
27,5°	46.3	44.4	42.8	41.9	40.1	39.8	39.8	39.8	40.1	40.8	40.9	20.7	117.7
30,0°	44.9	42.5	41.4	39.6	39.0	38.7	38.7	38.8	39.1	39.6	39.8	23.0	140.7
32,5°	42.8	41.6	40.5	38.7	38.0	38.0	38.1	38.4	38.9	39.3	39.7	25.3	166.0
35,0°	41.7	40.8	39.1	38.2	38.0	38.0	37.9	38.3	39.2	39.9	39.9	27.2	193.2
37,5°	41.2	40.4	38.9	38.2	38.2	38.1	38.2	38.3	38.4	38.7	38.9	28.2	221.3
40,0°	40.5	39.4	38.4	38.1	38.0	37.7	37.7	37.7	38.0	38.4	38.6	29.5	250.8
42,5°	39.5	38.5	37.4	37.2	37.0	37.0	37.1	37.1	37.4	38.4	37.8	33.0	283.9
45,0°	38.8	37.7	36.5	36.3	36.0	36.1	36.3	36.4	36.8	37.3	37.7	39.5	323.4
47,5°	36.8	36.2	36.2	35.5	35.2	35.2	35.5	35.7	36.4	36.1	40.5	47.9	371.2
50,0°	35.8	34.8	35.3	35.7	34.9	34.8	35.1	34.9	35.9	37.0	35.8	58.3	429.6
52,5°	36.1	35.5	35.9	35.8	35.4	35.3	35.3	35.2	36.5	37.5	37.4	73.4	503.0
55,0°	36.8	37.5	38.4	39.5	38.7	37.7	37.4	37.9	39.8	42.1	43.7	89.3	592.2
57,5°	37.8	40.4	41.8	42.8	41.3	40.1	40.2	41.0	42.5	43.9	46.0	98.7	691.0
60,0°	38.3	40.9	42.4	42.7	41.4	40.4	40.7	41.5	42.0	41.7	41.5	95.6	786.5
62,5°	38.5	41.4	43.6	42.8	41.5	41.1	42.1	42.4	40.9	39.6	39.1	78.4	865.0
65,0°	38.9	42.2	43.9	43.2	42.3	43.1	44.6	43.3	41.2	39.1	40.2	55.8	920.7
67,5°	38.1	41.4	42.4	42.4	43.0	44.6	44.7	43.1	40.9	40.6	40.3	33.0	953.7
70,0°	34.7	37.9	36.2	38.0	40.2	42.8	43.5	41.9	40.7	40.0	39.1	18.6	972.3
72,5°	27.3	28.5	30.5	33.0	36.3	38.1	39.3	37.1	35.0	34.4	30.3	10.5	982.8
75,0°	21.5	22.7	25.0	27.9	31.1	33.0	31.5	27.7	25.5	23.7	22.1	6.7	989.5
77,5°	16.4	15.9	18.5	19.9	24.2	24.4	23.3	21.2	17.3	13.8	12.4	4.5	994.0
80,0°	10.3	10.5	12.0	12.9	13.4	14.2	14.2	12.8	10.8	10.9	10.0	2.9	996.9
82,5°	7.6	7.7	8.7	9.1	8.6	9.6	9.3	8.4	7.7	8.0	8.0	1.9	998.8
85,0°	3.8	3.9	4.2	4.1	3.7	3.8	3.5	3.3	3.2	3.6	3.9	0.9	999.7
87,5°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	1.9	2.0	0.3	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: 5XA779427F01BA EAN: 4058352883273	LP number 59254_76
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Dimming levels table	environmental temperature: 10°C	siteco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	132850	953.7
95	238	252	126303	891.2
90	223	249	119654	833.6
85	207	247	112805	772.2
80	193	244	106317	719.2
75	179	241	99751	666.0
70	166	238	92787	617.0
65	152	235	86386	564.1
60	137	231	79587	508.0
55	125	228	72859	463.5
50	113	224	66632	419.2
45	100	220	59596	371.1
40	88	215	53009	326.3
35	77	210	46495	286.3
30	65	204	39986	242.8
25	54	197	33449	203.4
20	42	188	26436	160.6
15	31	177	19628	122.6
10	20	161	13106	82.8
5	10	136	6856	47.5
2	3	91	2395	21.4

Dimming levels table	environmental temperature: 25°C
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	---	---	---	---
100	253	254	128905	942.2
95	237	251	122811	880.0
90	222	249	116344	822.6
85	206	246	109786	761.8
80	192	244	103631	708.9
75	177	241	96847	652.6
70	165	238	90505	608.0
65	150	235	84016	551.2
60	136	231	77691	499.2
55	124	228	71203	455.3
50	111	224	64538	407.7
45	99	219	58239	363.5
40	87	215	51727	319.4
35	76	210	45437	279.6
30	64	204	38771	236.6
25	53	197	32516	197.6
20	41	187	25580	155.3
15	31	177	19433	121.1
10	20	161	12986	81.8
5	9	132	6196	43.4
2	3	91	2375	21.1

Photometric test report

Family Floodlight FL11	Order number: 5XA779427F01BA EAN: 4058352883273	LP number 59254_76
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Luminousfluxs table	siteco
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Temperature °C	Luminous flux lm	Power consumption W
10.0	132850.0	953.7
25.0	129330.0	946.0