

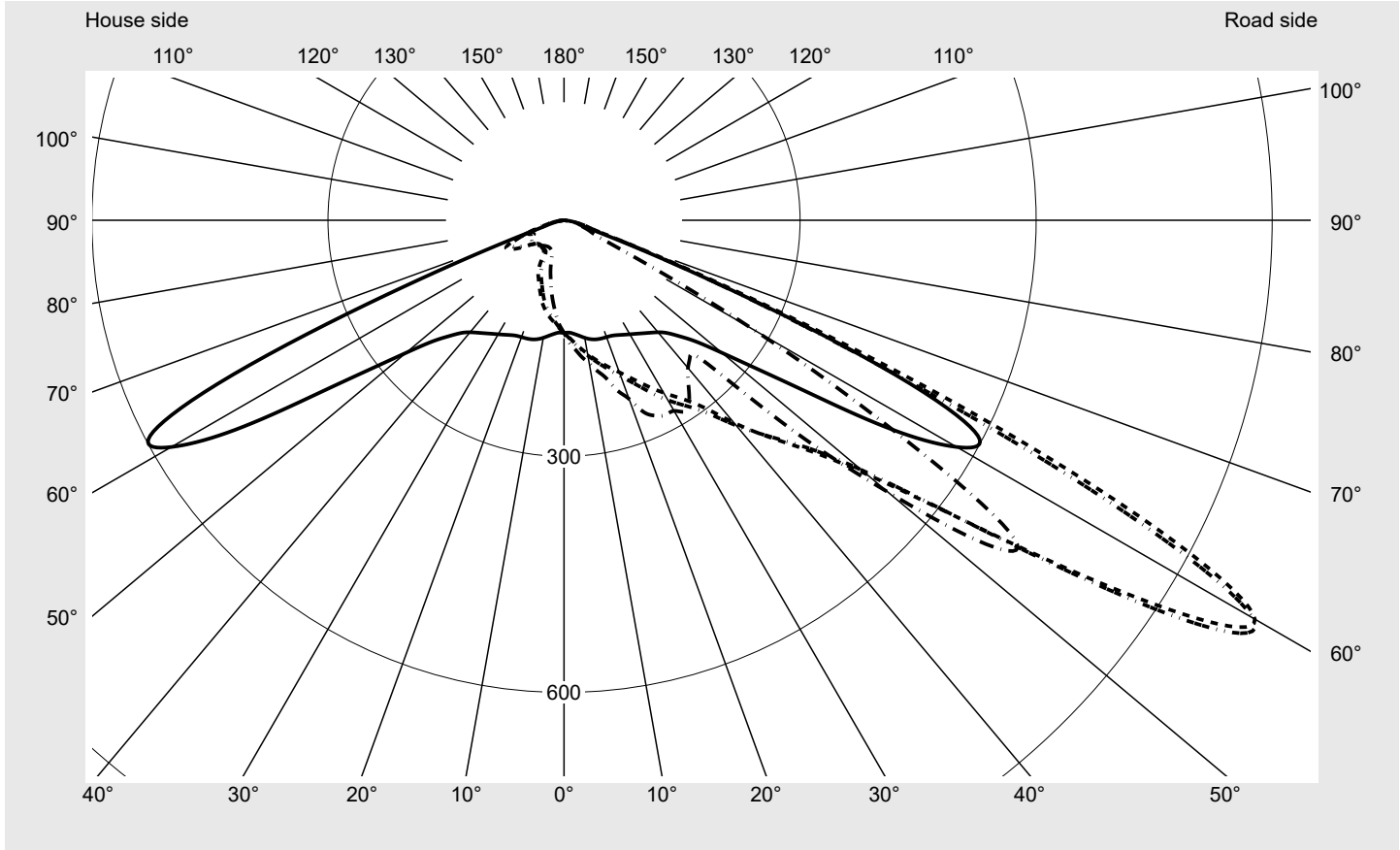
Photometric test report

Family Floodlight FL11	Order number: 5XA779524A01BA EAN: 4058352574218	LP number 59255_94
	Version standard bracket Optic asymmetric distribution PL43 Cover toughened safety glass Lamps LED 5700 K CRI ≥ 90 Controlgear ECG-DMX Rated values Ta = 10 °C Net luminous flux = 108940 lm Power consumption = 1020.5 W Luminous efficacy = 106.8 lm/W	serial documentation 13.09.2023





Luminous intensity in cd/klm C180-0 C215-35 C220-40 C270-90 **Imax: 1014 cd/klm**



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

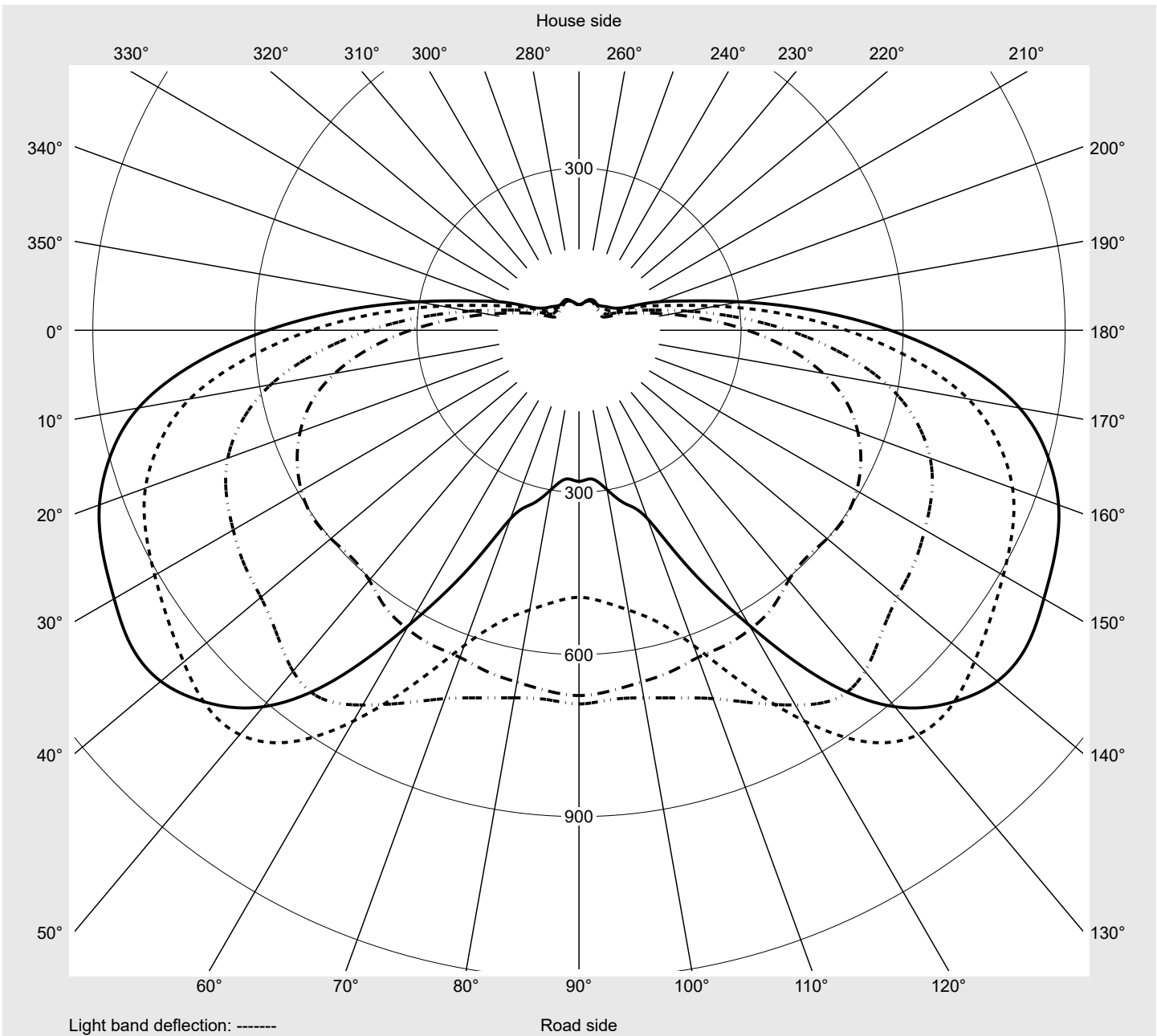
Luminous intensity class acc. to EN13201-2	
Class:	G6
Imax 70°	89.4
Imax 80°	14.1
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight FL11	Order number: 5XA779524A01BA EAN: 4058352574218	LP number 59255_94
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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: 5XA779524A01BA EAN: 4058352574218	LP number 59255_94
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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°	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1
2,5°	142.9	143.9	144.8	145.7	146.5	147.4	148.2	149.1	149.9	150.6	151.2	151.8	152.3
5,0°	144.9	146.9	148.7	150.4	152.0	153.6	155.1	156.5	157.9	159.1	160.2	161.1	162.0
7,5°	148.0	151.0	153.7	156.1	158.4	160.5	162.5	164.4	166.1	167.6	168.9	170.1	171.2
10,0°	151.7	155.4	158.9	162.0	165.0	167.6	170.2	172.4	174.4	176.2	177.7	179.0	180.2
12,5°	154.7	159.5	163.8	167.7	171.3	174.7	177.8	180.7	183.1	185.3	187.1	188.7	190.0
15,0°	156.7	162.6	167.7	172.5	177.0	181.1	185.0	188.6	191.7	194.7	197.0	199.0	200.6
17,5°	157.5	164.7	170.9	176.9	182.3	187.5	192.3	196.9	201.2	205.1	208.1	210.4	212.3
20,0°	158.0	166.4	174.1	181.2	187.6	193.7	199.7	205.6	210.9	215.7	219.5	222.6	224.9
22,5°	158.8	169.1	178.2	186.4	193.8	201.3	208.7	215.7	222.1	227.9	232.8	236.7	239.4
25,0°	161.0	172.9	183.6	192.8	201.4	210.3	219.0	227.2	235.0	242.1	248.4	252.9	255.5
27,5°	164.0	177.9	190.2	200.8	210.8	220.9	230.8	240.1	249.6	258.9	266.7	271.6	274.1
30,0°	167.3	183.6	197.7	210.1	221.6	233.0	243.2	253.1	264.0	275.8	285.7	290.4	291.6
32,5°	171.0	190.2	206.5	220.9	234.2	246.5	256.7	266.3	277.7	292.6	306.8	311.8	311.1
35,0°	175.3	198.1	217.4	234.2	248.9	261.9	272.5	282.1	292.5	310.1	329.7	338.3	329.2
37,5°	180.1	207.4	231.0	251.1	267.7	282.3	294.5	304.6	313.4	328.5	347.1	352.7	335.7
40,0°	185.8	218.1	247.2	272.7	294.1	312.4	326.8	335.8	340.4	346.8	349.1	341.7	324.5
42,5°	194.4	231.1	264.5	293.9	318.8	340.3	358.0	367.5	367.4	362.7	347.8	333.1	315.3
45,0°	208.8	252.0	289.7	323.2	350.1	372.9	391.8	400.4	396.3	381.6	359.9	338.1	317.3
47,5°	228.7	279.7	323.7	362.0	390.8	415.4	433.5	440.4	433.3	412.3	386.3	360.1	339.7
50,0°	262.1	323.3	377.5	421.9	451.7	478.4	495.9	502.0	493.9	473.6	454.2	442.5	447.2
52,5°	311.6	389.8	459.0	512.6	549.2	575.7	593.4	602.3	599.8	595.1	604.0	625.4	637.4
55,0°	387.6	488.7	579.3	645.4	691.8	720.2	739.1	756.3	768.8	792.2	823.6	831.7	800.8
57,5°	495.6	621.2	731.6	803.6	854.2	884.7	907.0	930.0	955.3	978.4	976.7	930.0	835.3
60,0°	576.2	715.2	828.3	898.1	944.8	972.9	993.7	1013.7	1010.7	974.2	909.5	790.8	630.4
62,5°	592.9	727.4	825.0	876.4	896.4	889.7	870.3	850.6	803.3	719.6	609.3	480.0	362.1
65,0°	464.2	556.2	615.7	640.1	640.1	611.8	577.6	540.6	475.6	401.1	332.2	269.0	199.4
67,5°	219.4	259.3	280.7	290.7	290.6	278.5	262.5	245.2	217.7	187.4	151.8	117.9	93.3
70,0°	69.1	77.8	79.1	84.1	88.4	89.4	88.9	87.7	83.0	72.0	67.0	63.6	59.1
72,5°	27.4	25.1	24.9	25.9	29.3	31.6	33.2	36.7	39.1	42.1	45.9	45.5	43.0
75,0°	19.3	22.1	21.1	21.6	22.4	23.6	24.8	28.2	29.4	29.9	30.9	31.4	32.0
77,5°	17.0	19.2	16.3	16.4	17.7	17.6	18.3	19.7	20.2	19.8	20.5	21.6	22.2
80,0°	13.2	12.3	11.3	11.3	11.9	12.5	12.2	12.9	13.5	13.7	13.5	13.6	14.1
82,5°	7.4	8.1	6.7	6.7	7.0	7.5	7.8	7.7	8.1	8.6	8.1	7.7	7.8
85,0°	3.4	3.7	3.4	3.4	3.5	3.7	3.8	3.7	3.5	3.3	3.2	3.0	2.8
87,5°	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0	1.0	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

Photometric test report

Family Floodlight FL11	Order number: 5XA779524A01BA EAN: 4058352574218	LP number 59255_94
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°	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1
2,5°	152.8	153.2	153.5	153.9	154.0	155.9	142.1	141.2	140.4	139.5	138.6	138.0	137.3
5,0°	162.9	163.6	164.2	164.6	165.0	164.9	143.1	141.2	139.2	137.2	135.1	133.3	131.4
7,5°	172.2	173.1	173.8	174.4	174.8	175.5	145.2	142.2	139.1	135.9	132.6	129.5	126.4
10,0°	181.3	182.3	183.2	184.0	184.6	184.6	147.7	143.6	139.3	134.8	130.1	125.5	121.0
12,5°	191.2	192.4	193.5	194.6	195.5	196.3	149.6	144.3	138.6	132.8	126.6	120.6	114.6
15,0°	202.0	203.2	204.7	206.4	208.0	208.1	150.3	143.7	136.6	129.3	121.9	114.6	107.5
17,5°	213.9	215.4	217.2	219.9	223.2	227.2	149.8	141.6	133.0	124.4	115.7	107.2	99.0
20,0°	226.7	228.1	229.9	233.3	239.2	241.5	148.7	138.9	128.9	119.1	109.2	99.6	91.0
22,5°	240.9	241.5	242.5	246.0	255.1	263.4	147.8	136.4	124.7	113.4	102.6	92.6	83.7
25,0°	255.8	254.6	254.0	256.8	267.6	273.9	148.0	134.6	120.9	108.2	96.6	86.5	77.6
27,5°	273.1	269.4	266.6	268.3	277.4	279.1	148.7	133.0	117.5	103.7	91.7	81.3	69.7
30,0°	289.4	282.9	277.8	279.5	285.6	279.7	149.5	131.8	114.9	100.4	88.0	76.2	56.2
32,5°	305.9	292.4	283.0	283.6	289.7	287.9	150.6	130.6	112.8	97.9	85.2	66.0	47.8
35,0°	316.5	296.5	283.1	282.2	281.5	277.6	151.5	129.5	110.7	95.5	80.4	53.8	45.7
37,5°	316.2	292.2	277.5	272.6	263.8	259.3	152.7	128.4	108.8	93.3	68.2	47.4	44.9
40,0°	303.9	282.2	265.9	254.6	246.7	245.1	154.4	127.8	107.0	90.5	55.0	46.1	44.5
42,5°	295.7	274.4	258.9	245.8	239.0	236.8	158.1	128.3	105.5	85.4	50.5	45.7	44.2
45,0°	297.3	277.2	268.1	262.3	262.2	258.5	166.4	131.4	105.4	82.0	49.7	45.5	44.0
47,5°	333.3	335.8	347.5	361.9	374.5	398.4	179.8	138.4	107.5	81.1	49.8	45.3	44.1
50,0°	468.9	489.5	511.2	527.6	540.9	537.6	201.8	151.4	113.3	83.2	52.3	46.0	45.8
52,5°	642.9	644.3	654.3	661.3	669.9	676.0	234.9	171.2	124.2	90.9	60.5	50.1	49.4
55,0°	760.8	725.5	704.3	690.7	686.0	691.6	288.2	204.3	144.7	107.5	76.7	59.8	56.0
57,5°	722.1	621.0	558.4	525.6	504.2	494.2	369.5	257.9	177.1	131.0	94.6	71.6	64.6
60,0°	489.5	371.4	332.4	299.7	276.3	279.6	432.0	303.4	209.9	153.4	104.4	81.9	72.9
62,5°	282.9	220.3	166.1	126.6	104.6	96.1	449.0	316.9	223.7	160.1	112.9	89.4	79.4
65,0°	148.0	114.0	58.9	43.7	40.2	43.4	342.5	250.4	185.5	134.8	106.2	89.3	81.1
67,5°	77.2	65.3	45.2	41.1	38.0	35.0	129.5	94.9	102.2	86.6	76.6	72.0	70.8
70,0°	51.1	44.0	36.2	32.4	29.2	27.4	36.8	28.8	35.3	44.3	45.7	48.9	53.0
72,5°	39.9	35.0	29.9	26.7	24.1	21.3	23.1	22.1	22.7	27.5	28.7	31.7	36.5
75,0°	31.1	28.4	24.3	21.0	20.0	18.3	19.1	17.4	18.1	20.3	20.7	22.9	26.7
77,5°	22.1	20.1	17.8	16.1	15.3	13.4	17.5	14.7	13.9	14.9	14.9	16.3	18.5
80,0°	13.8	12.8	11.5	10.5	9.6	9.3	12.4	11.3	9.6	10.6	10.2	10.7	11.6
82,5°	7.4	6.9	6.4	5.8	5.4	5.2	6.8	10.0	6.2	6.9	6.3	6.1	6.5
85,0°	2.5	2.4	2.2	2.1	2.0	2.2	3.2	5.6	3.4	3.2	2.9	2.8	2.8
87,5°	0.9	0.9	0.8	0.8	0.8	0.8	1.5	1.7	1.5	1.4	1.4	1.3	1.3
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

Photometric test report

Family Floodlight FL11	Order number: 5XA779524A01BA EAN: 4058352574218	LP number 59255_94
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°	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	0.2	0.2
2,5°	136.6	135.9	135.3	134.8	134.4	134.0	133.6	133.4	133.3	132.9	133.0	1.7	1.9
5,0°	129.6	128.0	126.3	125.0	123.7	122.5	121.5	120.8	120.2	119.7	119.6	3.4	5.4
7,5°	123.3	120.3	117.4	114.9	112.5	110.5	108.8	107.4	106.5	105.8	105.5	5.2	10.5
10,0°	116.5	112.2	108.2	104.6	101.4	98.6	96.3	94.5	93.1	92.2	91.8	6.9	17.4
12,5°	109.0	103.7	98.5	93.9	89.7	86.1	83.1	80.9	79.2	78.2	77.8	8.6	26.0
15,0°	100.6	94.1	88.2	83.0	78.6	74.9	71.8	69.4	67.8	66.8	66.4	10.3	36.3
17,5°	91.4	84.4	78.4	73.2	68.5	64.2	60.4	57.5	55.4	54.2	53.8	12.0	48.3
20,0°	83.4	76.3	69.2	61.4	54.6	49.9	47.0	45.4	44.3	43.8	43.6	13.7	62.1
22,5°	75.9	66.6	55.9	48.6	45.4	43.9	42.9	42.2	41.6	41.2	41.1	15.6	77.7
25,0°	67.6	55.0	47.3	44.6	43.4	42.5	41.6	41.0	40.5	40.1	40.1	17.6	95.3
27,5°	54.3	46.4	44.3	43.3	42.5	41.8	41.1	40.4	39.9	39.6	39.5	19.9	115.2
30,0°	46.4	44.5	43.5	42.8	42.2	41.5	40.7	40.1	39.6	39.3	39.2	22.2	137.4
32,5°	44.9	43.8	43.2	42.6	42.0	41.5	40.9	40.3	39.8	39.5	39.4	24.6	162.0
35,0°	44.2	43.5	42.9	42.6	42.4	42.1	41.7	41.2	40.6	40.2	40.0	27.1	189.1
37,5°	43.9	43.0	42.7	42.9	43.1	43.2	42.9	42.2	41.6	41.0	40.8	29.4	218.5
40,0°	43.4	42.8	42.9	43.6	44.2	44.5	44.4	43.9	43.1	42.4	42.1	31.6	250.0
42,5°	43.2	42.9	43.5	44.4	45.6	46.5	46.7	46.1	45.1	43.9	43.5	34.0	284.1
45,0°	43.3	43.7	44.5	46.0	47.7	49.2	49.6	48.7	47.2	45.6	45.0	37.6	321.7
47,5°	44.2	44.8	46.1	48.1	50.5	52.3	52.6	51.2	49.1	47.0	46.1	44.4	366.1
50,0°	46.5	47.2	48.6	50.8	53.4	55.3	55.6	53.6	50.8	48.1	47.2	56.3	422.5
52,5°	50.3	50.3	51.3	53.4	55.9	57.8	57.8	55.3	51.8	48.7	47.8	72.5	495.0
55,0°	55.0	53.7	53.6	55.3	57.9	59.7	59.4	56.4	52.4	48.8	47.9	90.1	585.1
57,5°	61.0	58.0	56.6	57.3	59.6	61.2	60.5	57.1	52.7	48.9	48.1	101.8	686.9
60,0°	67.7	62.8	59.5	58.6	60.4	61.7	60.4	56.5	51.8	47.9	47.7	99.8	786.7
62,5°	72.9	67.0	61.6	59.1	59.7	60.3	58.2	54.1	50.0	46.9	47.9	84.4	871.1
65,0°	73.6	67.7	61.5	57.3	56.5	56.3	53.4	49.3	45.7	42.4	42.1	58.8	930.0
67,5°	67.4	62.8	56.7	52.6	50.6	48.8	45.7	41.6	37.8	38.1	46.3	30.5	960.5
70,0°	54.3	52.8	48.6	44.1	42.4	41.2	38.7	34.9	31.4	31.5	46.2	14.0	974.4
72,5°	40.1	39.7	38.0	36.1	34.7	33.6	31.1	27.7	24.6	23.9	28.3	8.4	982.8
75,0°	29.2	30.2	29.5	28.2	27.4	25.9	23.6	20.3	18.0	17.6	18.4	6.4	989.2
77,5°	20.4	21.5	20.3	19.1	18.9	18.8	17.2	14.5	12.8	11.7	11.4	4.7	994.0
80,0°	12.4	13.0	12.8	12.0	11.3	10.7	9.7	8.7	7.8	7.1	6.9	3.1	997.1
82,5°	6.7	6.9	6.9	6.2	5.8	5.6	5.1	4.6	4.1	3.8	3.7	1.8	998.9
85,0°	3.0	2.8	2.6	2.4	2.1	1.9	1.8	1.8	1.7	1.7	1.7	0.8	999.7
87,5°	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	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: 5XA779524A01BA EAN: 4058352574218	LP number 59255_94
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sitEco

Dimming levels table environmental temperature: 10°C

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	255	108940	1020.5
95	238	103510	949.9
90	222	98159	883.5
85	207	92435	822.1
80	192	87086	761.4
75	178	81797	704.6
70	164	76217	649.0
65	152	70870	600.1
60	136	65349	536.2
55	124	60039	488.9
50	111	54333	437.8
45	99	48884	390.7
40	87	43521	343.0
35	76	38152	300.2
30	63	32556	249.8
25	53	27318	211.8
20	42	21999	170.1
15	31	16538	128.5
10	20	11008	87.1
5	10	5692	49.8
2	3	1983	22.2

Dimming levels table environmental temperature: 25°C

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
99	252	104725	1000.4
95	237	100144	938.4
90	220	94856	868.5
85	206	89705	811.4
80	190	84296	746.8
75	176	79216	690.6
70	162	73723	635.1
65	150	68703	586.1
60	134	63411	523.4
55	122	58040	476.5
50	110	52985	429.6
45	98	47636	383.0
40	85	41996	331.7
35	75	37110	293.2
30	62	31520	243.4
25	52	26521	205.7
20	41	21266	164.5
15	30	15782	123.8
10	19	10323	82.5
5	9	5154	45.4
2	3	1967	21.9

Photometric test report

Family Floodlight FL11	Order number: 5XA779524A01BA EAN: 4058352574218	LP number 59255_94
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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
10.0	108940.0	1020.5
25.0	105540.0	1012.8