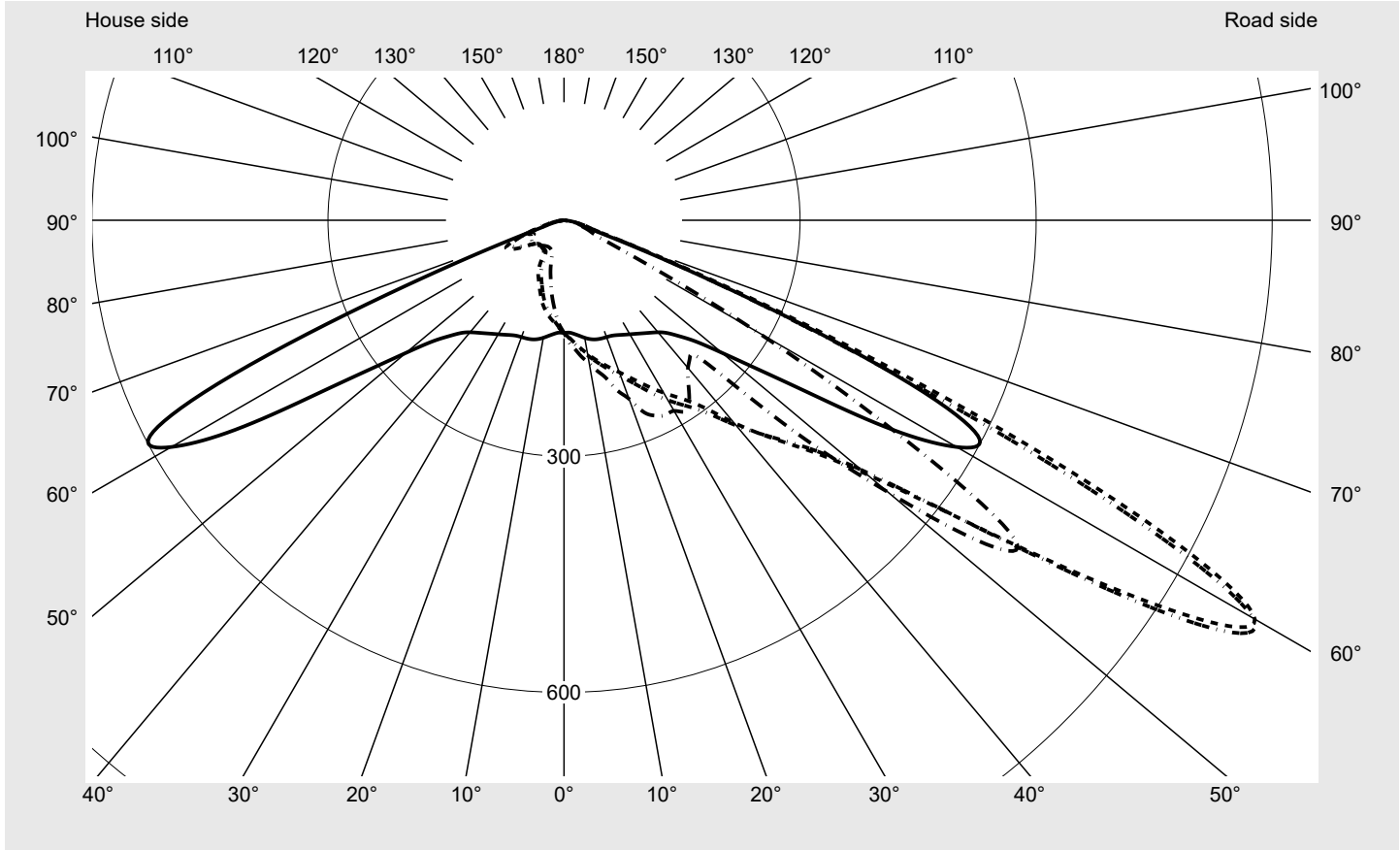


Photometric test report

Family Floodlight FL11 	Order number: 5XA779416A01AA EAN: 4058352607800	LP number 59255_47
	Version standard bracket Optic asymmetric distribution PL43 Cover toughened safety glass Lamps LED 4000 K CRI ≥ 70 Controlgear ECG Rated values Ta = 10 °C Net luminous flux = 117880 lm Power consumption = 947.0 W Luminous efficacy = 124.5 lm/W	serial documentation 14.03.2023



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

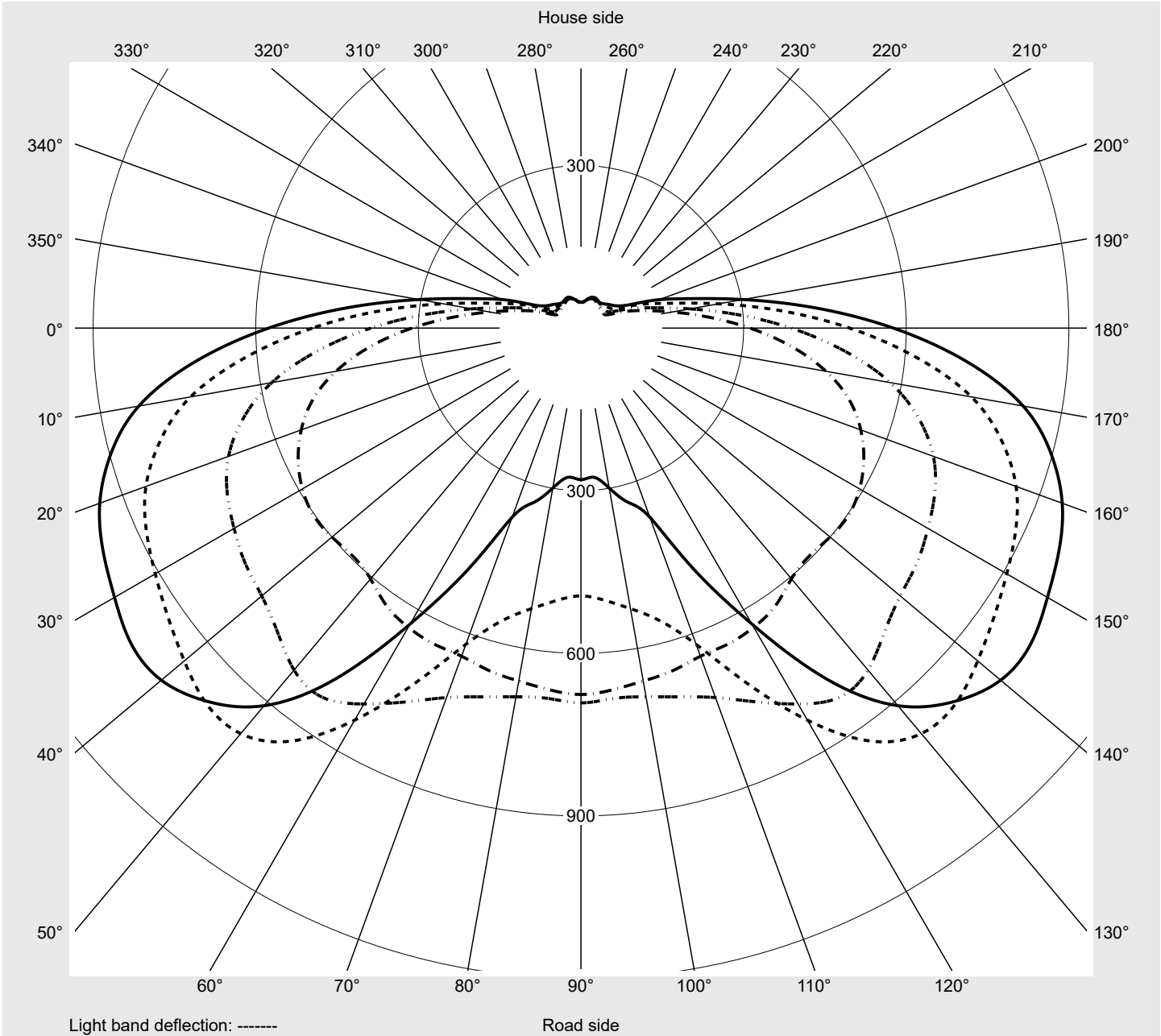
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight FL11	Order number: 5XA779416A01AA EAN: 4058352607800	LP number 59255_47
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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: 5XA779416A01AA EAN: 4058352607800	LP number 59255_47
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°	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: 5XA779416A01AA EAN: 4058352607800	LP number 59255_47
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: 5XA779416A01AA EAN: 4058352607800	LP number 59255_47
Table of values for luminous intensities		Maximum luminous intensity
		

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: 5XA779416A01AA
EAN: 4058352607800

LP number
59255_47

Dimming levels table

environmental temperature: 10°C

sitEco

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	254	117880	947.0
95	232	111984	862.3
90	213	105924	789.3
85	197	100318	728.6
80	182	94481	671.0
75	167	88299	613.9
70	153	82348	561.4
65	140	76544	513.0
60	127	70562	464.7
55	115	64839	420.5
50	103	59068	376.5
45	91	52861	332.7
40	80	47073	292.9
35	69	41137	253.4
30	59	35620	216.7
25	48	29435	178.0
20	38	23602	142.7
15	28	17713	107.8
10	18	11653	73.1
5	9	6066	42.3
1	2	1638	17.1

Dimming levels table

environmental temperature: 25°C

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	----	----	----
93	219	104138	806.9
90	209	101048	768.5
85	193	95712	707.8
80	177	89899	647.0
75	163	84405	594.0
70	149	78633	542.0
65	136	73090	493.8
60	123	67267	446.0
55	111	61638	401.9
50	99	55988	358.4
45	88	50478	318.8
40	77	44791	279.3
35	67	39544	242.9
30	56	33514	204.0
25	46	27922	168.9
20	37	22757	137.7
15	27	16950	103.2
10	17	10961	68.9
5	8	5399	38.3
1	2	1626	16.8

Photometric test report

Family Floodlight FL11	Order number: 5XA779416A01AA EAN: 4058352607800	LP number 59255_47
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Luminousfluxs table	siteco
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Temperature °C	Luminous flux lm	Power consumption W
10.0	117880.0	947.0
25.0	104340.0	809.5