
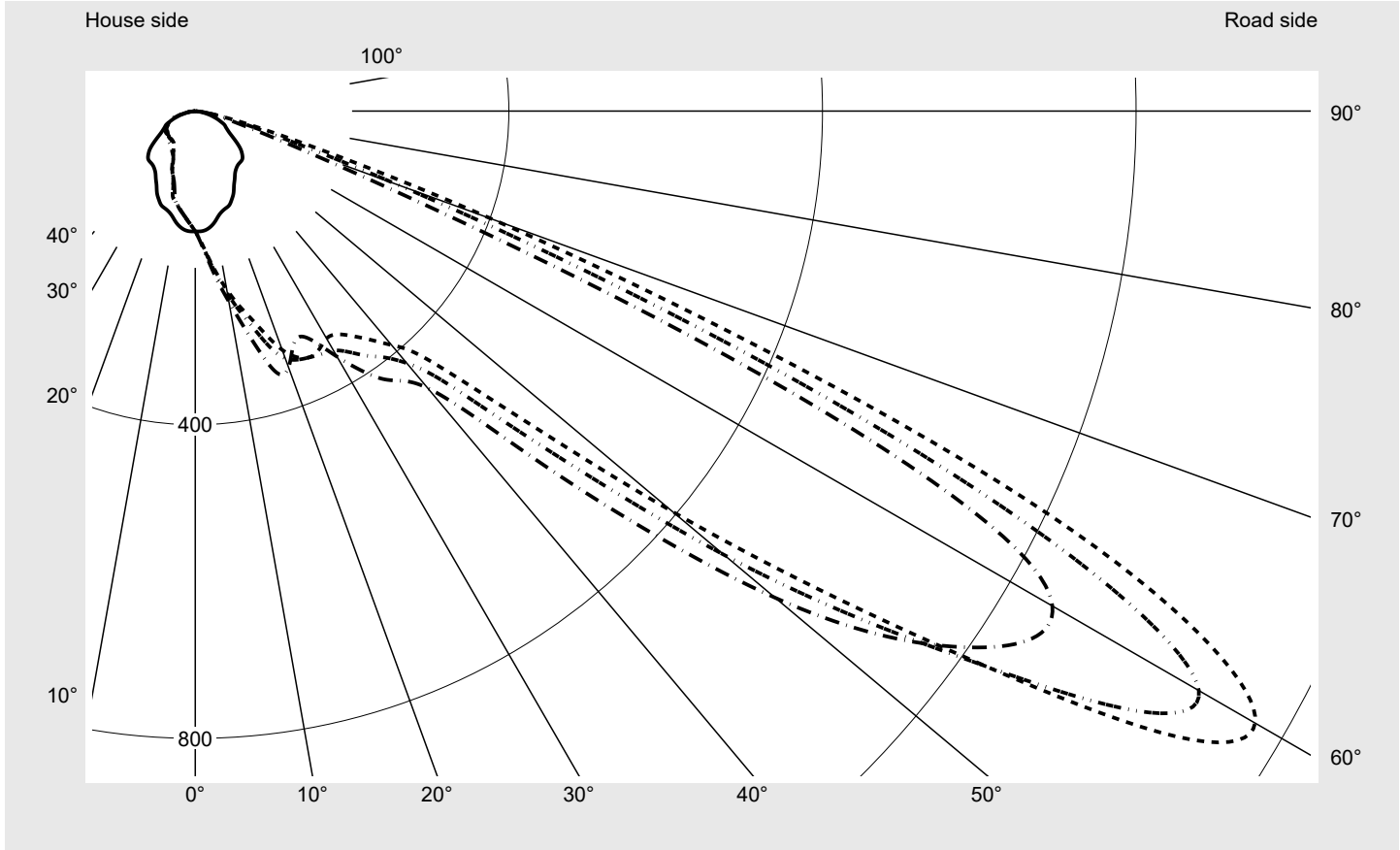


# Photometric test report

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779414T01AA</b> <b>EAN: 4069025011848</b>	<b>LP number</b> <b>59517_9</b>
	<b>Version</b> standard bracket <b>Optic</b> asymmetric distribution PL33T <b>Cover</b> toughened safety glass <b>Lamps</b> LED 5700 K   CRI ≥ 90 <b>Controlgear</b> ECG-DALI <b>Rated values</b> Ta = 10 °C Net luminous flux = 110500 lm Power consumption = 1021.6 W Luminous efficacy = 108.2 lm/W	<b>serial documentation</b> <b>24.11.2023</b>
		

**Luminous intensity in cd/klm** C180-0 C245-65 C250-70 C270-90 **Imax: 1561 cd/klm**



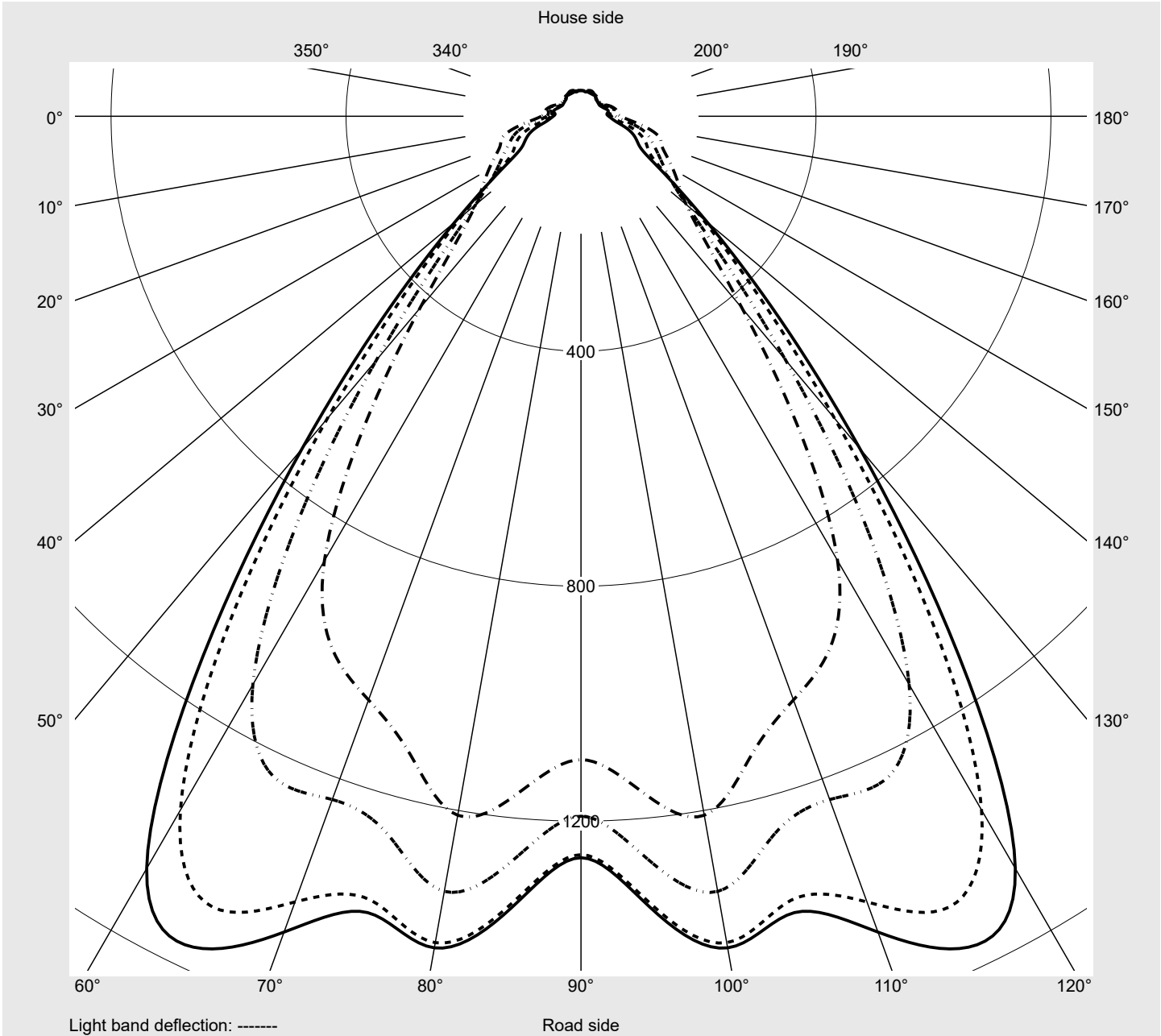
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

Luminous intensity class acc. to EN13201-2	
Class:	G4
Imax 70°	438.4
Imax 80°	22.0
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

**Photometric test report**

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779414T01AA</b> <b>EAN: 4069025011848</b>	<b>LP number</b> <b>59517_9</b>
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**Envelope curve in cd/klm**      **KMK 60°**    **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**      **siteco**



## Photometric test report

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779414T01AA</b> <b>EAN: 4069025011848</b>	<b>LP number</b> <b>59517_9</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

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°	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5
2,5°	153.5	154.7	156.0	157.2	158.4	159.5	160.6	161.7	162.7	163.7	164.6	165.4	166.2
5,0°	152.2	154.7	157.5	160.4	163.2	166.0	168.9	171.8	174.6	177.3	179.8	182.2	184.4
7,5°	148.8	152.6	156.9	161.4	165.9	170.6	175.9	180.9	185.9	191.0	196.0	200.7	205.0
10,0°	143.5	148.0	153.6	159.8	166.5	173.4	180.8	188.8	196.8	204.4	211.8	218.7	225.1
12,5°	136.9	142.5	149.3	157.0	165.3	174.6	185.0	195.6	206.1	216.0	225.4	234.7	243.8
15,0°	132.4	139.4	147.4	156.2	165.8	176.6	188.6	201.1	213.3	225.3	237.2	248.9	261.0
17,5°	129.8	138.9	148.6	158.9	170.0	182.1	195.0	207.8	220.7	234.1	248.2	263.6	280.5
20,0°	127.4	138.0	149.7	162.4	175.8	189.2	202.6	216.6	231.7	247.4	265.4	285.7	306.3
22,5°	121.8	134.6	148.8	164.4	179.8	194.7	210.5	229.0	248.6	269.7	291.2	312.3	329.5
25,0°	115.4	128.3	144.2	162.3	179.5	196.7	217.6	241.2	264.8	286.9	307.6	325.1	338.1
27,5°	107.0	120.3	137.3	156.9	176.4	200.1	228.1	254.7	276.7	291.5	303.3	315.3	329.3
30,0°	100.5	112.4	130.0	152.0	177.7	209.2	242.0	270.6	283.9	285.3	286.8	295.9	313.6
32,5°	94.4	106.8	125.8	153.6	186.7	224.7	263.0	287.7	287.8	278.9	276.0	286.6	309.0
35,0°	90.6	102.5	125.1	157.8	197.1	241.6	281.0	294.7	287.3	277.3	277.0	293.5	320.0
37,5°	88.2	102.3	128.5	162.3	205.4	253.8	283.2	285.2	279.0	277.2	283.6	304.3	336.6
40,0°	87.1	102.6	129.4	167.8	212.0	255.2	271.2	268.6	270.6	280.5	293.2	316.4	352.3
42,5°	86.6	103.1	132.1	176.4	217.8	247.4	255.2	255.7	269.9	288.1	304.2	330.1	371.6
45,0°	85.2	102.9	135.1	178.0	211.2	227.5	236.8	250.0	272.6	292.9	312.1	352.6	419.7
47,5°	81.1	101.2	135.7	170.5	193.7	203.3	220.2	242.8	265.2	289.3	324.4	401.1	514.1
50,0°	75.5	96.5	130.7	157.0	169.6	180.7	202.2	225.7	248.3	284.1	357.0	499.5	672.6
52,5°	67.5	85.1	114.4	138.2	146.4	161.2	181.1	203.2	233.8	297.3	426.7	642.1	873.6
55,0°	58.9	70.4	95.7	116.2	129.0	142.9	159.9	185.0	234.4	340.3	541.8	838.2	1117.2
57,5°	51.9	57.8	76.4	97.8	114.3	124.8	140.4	183.1	266.7	417.4	671.9	1032.2	1363.8
60,0°	47.2	53.4	63.8	81.5	96.1	106.8	125.4	179.1	280.4	458.4	738.7	1121.7	1478.7
62,5°	43.7	49.2	55.7	67.7	80.2	91.2	111.0	164.1	263.8	433.5	687.6	1065.2	1453.7
65,0°	40.8	45.0	49.9	59.2	68.7	76.5	91.9	130.2	201.3	339.7	544.8	850.5	1236.6
67,5°	35.3	40.1	43.3	50.2	55.8	59.1	65.1	85.3	130.7	222.0	359.1	551.7	806.5
70,0°	30.2	34.6	38.1	42.9	45.0	44.1	45.3	54.9	81.1	138.7	228.3	341.7	438.4
72,5°	24.5	28.7	32.5	35.0	35.1	34.5	31.8	35.9	51.0	83.4	130.3	190.0	237.4
75,0°	19.4	22.3	25.7	26.9	25.7	26.2	22.6	24.7	33.2	53.0	80.9	114.0	134.8
77,5°	13.6	16.3	18.0	18.2	18.0	19.1	16.4	18.0	23.2	34.4	46.3	54.8	54.6
80,0°	9.1	10.4	11.2	9.6	11.2	12.0	10.2	11.6	13.8	14.2	11.7	12.6	15.7
82,5°	4.9	6.0	5.5	5.0	5.8	6.1	5.5	6.1	6.8	5.9	5.9	6.4	7.8
85,0°	2.1	2.4	2.2	2.2	2.2	2.4	2.2	2.4	2.5	2.5	2.7	2.9	3.2
87,5°	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9	1.0	1.0	1.1	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


<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779414T01AA</b> <b>EAN: 4069025011848</b>	<b>LP number</b> <b>59517_9</b>
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### Table of values for luminous intensities Maximum luminous intensity

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°
$\gamma$	Luminous intensity in cd/klm												
0,0°	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5
2,5°	166.9	167.5	167.9	168.2	168.8	168.9	152.6	151.7	150.7	149.8	148.9	148.1	147.4
5,0°	186.3	188.0	189.3	190.2	191.3	191.5	150.2	148.3	146.7	145.1	143.6	142.5	141.5
7,5°	208.8	212.1	214.8	216.7	218.3	218.7	145.9	143.4	141.5	139.7	137.9	136.3	135.0
10,0°	231.0	236.2	240.4	243.5	246.0	246.7	139.5	136.7	134.6	132.5	130.5	129.3	128.3
12,5°	252.8	261.1	268.3	274.0	278.3	279.4	132.5	129.3	126.9	124.7	123.0	122.1	121.4
15,0°	273.5	286.1	297.8	307.8	315.3	317.7	127.1	123.5	120.2	117.9	116.3	115.0	113.5
17,5°	298.5	315.1	329.1	340.6	348.5	351.0	123.1	118.3	114.4	111.7	109.6	107.5	106.4
20,0°	324.0	335.4	341.5	345.2	347.5	347.9	118.7	112.6	108.3	105.2	102.6	100.9	99.8
22,5°	339.9	343.1	339.3	333.0	327.7	325.5	112.5	105.7	100.8	97.4	95.0	93.3	92.6
25,0°	346.1	346.4	339.3	329.1	320.7	317.3	104.8	97.7	92.8	89.5	87.3	85.6	77.4
27,5°	342.4	349.2	346.7	340.0	334.7	332.7	97.3	90.2	85.6	82.6	80.4	72.7	68.0
30,0°	334.8	352.6	361.4	361.9	361.0	361.6	91.0	84.4	80.2	77.6	73.3	64.6	63.0
32,5°	337.6	364.3	380.7	386.5	388.9	391.4	86.7	80.7	76.4	73.9	66.1	61.6	60.0
35,0°	350.3	380.8	400.8	409.8	413.8	417.1	83.0	78.2	74.3	70.9	63.0	60.4	57.6
37,5°	367.8	396.0	417.4	427.0	431.0	433.7	80.3	76.6	73.7	67.3	62.4	58.4	54.4
40,0°	389.5	419.7	441.8	455.1	459.5	461.1	78.4	74.4	72.1	63.9	59.0	55.4	52.1
42,5°	420.8	465.9	501.1	527.7	532.2	532.2	76.3	71.5	68.1	62.2	56.9	53.2	50.4
45,0°	495.0	564.9	622.6	666.4	664.2	658.6	73.9	68.2	63.4	59.3	54.1	50.9	48.8
47,5°	618.4	704.8	777.8	839.5	823.9	808.3	71.2	66.1	60.5	56.2	50.8	47.2	45.6
50,0°	795.0	880.6	957.4	1034.8	999.6	965.7	67.1	64.2	58.3	53.3	47.6	43.8	42.4
52,5°	1001.2	1057.5	1124.3	1208.4	1151.9	1095.4	61.5	60.9	57.0	52.0	45.9	41.6	40.2
55,0°	1239.9	1237.9	1266.8	1340.0	1266.8	1191.7	55.6	56.8	55.7	50.2	44.4	40.0	38.7
57,5°	1485.1	1423.5	1381.8	1428.6	1344.5	1257.2	49.4	51.6	51.0	45.9	41.3	38.5	37.7
60,0°	1560.9	1478.1	1403.6	1437.6	1352.2	1262.3	44.3	47.2	45.2	41.3	38.6	36.8	36.7
62,5°	1443.4	1316.9	1237.3	1277.1	1214.8	1141.6	40.2	43.6	41.2	38.2	38.0	34.7	34.7
65,0°	1162.2	977.8	893.2	903.2	851.1	796.1	35.6	39.6	37.9	35.1	37.7	33.5	32.3
67,5°	745.1	572.2	483.6	445.3	393.9	356.5	31.0	34.3	34.0	32.0	34.0	30.2	29.8
70,0°	403.1	275.5	207.6	185.5	164.2	149.9	27.1	28.2	29.4	27.6	28.2	25.8	26.1
72,5°	188.8	127.1	103.1	92.6	82.9	76.5	22.7	23.9	24.0	22.5	22.0	21.2	21.5
75,0°	91.4	68.9	61.6	56.0	49.6	47.0	17.3	17.3	17.5	17.6	18.7	19.3	17.4
77,5°	45.5	41.6	38.0	36.2	30.1	29.3	11.8	11.7	12.1	13.3	13.4	16.2	13.8
80,0°	20.0	22.0	21.6	21.0	17.8	16.6	7.6	7.9	8.2	8.4	9.1	9.7	8.9
82,5°	9.7	9.9	9.9	10.6	9.1	8.5	4.3	4.8	5.2	5.3	5.3	4.8	4.8
85,0°	3.4	3.5	3.5	3.8	3.7	3.6	2.0	2.2	2.6	2.5	2.5	2.2	2.4
87,5°	1.3	1.3	1.4	1.4	1.5	1.5	0.7	0.7	0.8	0.9	1.0	1.1	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

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779414T01AA</b> <b>EAN: 4069025011848</b>	<b>LP number</b> <b>59517_9</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		

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°	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	0.2	0.2
2,5°	146.7	146.1	145.6	145.1	144.8	144.6	144.5	144.2	144.1	144.3	144.3	1.9	2.1
5,0°	140.4	139.4	138.7	138.0	137.6	137.3	137.0	136.8	136.7	136.8	136.8	3.8	5.9
7,5°	133.9	133.0	132.2	131.6	131.0	130.7	130.4	130.2	129.9	130.0	130.0	5.8	11.7
10,0°	127.6	126.9	126.0	125.1	124.4	124.1	123.8	123.5	123.5	123.5	123.5	7.8	19.5
12,5°	120.3	119.5	118.9	118.3	117.8	117.5	117.2	117.1	116.9	117.0	116.9	9.9	29.4
15,0°	112.8	112.0	111.7	111.7	111.9	111.5	109.2	106.3	104.1	102.8	102.3	12.0	41.5
17,5°	105.4	104.8	104.4	100.3	95.6	93.4	92.2	91.6	91.3	91.2	91.3	14.2	55.7
20,0°	99.1	93.9	87.9	86.9	86.8	86.0	85.0	84.2	84.0	84.3	84.4	16.2	71.9
22,5°	84.6	80.6	80.5	80.1	79.0	77.2	75.5	74.4	74.3	74.7	75.0	18.1	90.0
25,0°	74.4	74.2	73.7	72.7	70.7	68.1	65.9	65.0	65.4	66.1	66.2	19.7	109.6
27,5°	67.7	67.3	66.5	65.5	63.5	60.7	58.7	58.5	59.3	60.6	61.8	21.1	130.8
30,0°	62.5	61.8	60.9	59.9	58.2	55.7	54.1	54.0	55.0	57.5	59.1	22.7	153.4
32,5°	59.1	58.1	56.8	55.7	53.9	51.4	50.2	50.6	52.7	54.2	55.1	24.6	178.0
35,0°	55.4	54.0	52.7	51.5	50.2	48.8	48.4	50.2	51.3	52.2	53.5	26.8	204.8
37,5°	52.0	50.9	49.8	49.0	48.3	47.5	48.0	49.5	50.0	51.4	52.7	28.9	233.8
40,0°	49.6	48.7	48.4	47.4	46.9	46.9	47.8	48.7	49.5	50.5	51.9	31.2	264.9
42,5°	47.9	47.0	46.8	46.3	46.9	47.0	47.5	48.1	48.7	50.0	51.3	34.4	299.4
45,0°	47.1	45.9	46.2	46.1	47.1	47.4	47.1	47.3	47.6	48.7	49.8	39.5	338.9
47,5°	45.0	44.4	44.4	45.0	46.0	46.5	46.1	46.2	46.2	46.7	47.5	46.0	384.8
50,0°	42.2	42.4	43.1	44.4	45.1	46.4	46.2	45.9	45.3	45.1	45.5	54.2	439.1
52,5°	39.9	40.9	42.7	43.5	44.4	46.3	46.6	45.5	44.6	44.2	44.4	63.3	502.4
55,0°	38.6	39.7	41.9	42.7	44.3	45.5	46.0	44.6	43.9	43.7	43.7	73.4	575.8
57,5°	37.7	38.8	40.3	42.6	43.6	44.1	44.3	43.7	43.2	44.3	44.2	83.8	659.6
60,0°	37.1	37.8	39.0	41.9	41.9	42.0	42.3	42.8	42.2	43.6	43.8	88.5	748.1
62,5°	35.3	36.0	37.3	38.7	39.6	39.7	40.2	40.6	39.9	40.7	40.9	83.1	831.2
65,0°	32.7	34.0	35.1	35.5	36.2	38.3	38.5	38.9	38.5	37.7	37.8	66.0	897.2
67,5°	30.0	31.7	32.4	32.7	33.6	36.0	36.4	37.5	37.3	36.0	35.7	41.6	938.7
70,0°	26.7	28.8	28.1	29.0	30.7	32.1	33.6	35.6	35.1	34.4	34.3	24.3	963.1
72,5°	22.7	24.0	22.5	23.6	25.5	27.4	29.7	32.1	32.0	31.6	31.5	14.7	977.8
75,0°	17.5	18.2	18.7	19.6	21.2	23.0	25.5	27.2	26.0	23.6	22.4	9.7	987.5
77,5°	13.1	13.8	14.6	15.7	16.8	18.1	20.1	19.5	17.1	16.5	16.4	6.1	993.6
80,0°	8.7	10.1	10.8	11.9	12.2	12.7	13.4	12.7	12.1	12.1	12.0	3.3	996.9
82,5°	5.4	6.5	7.4	8.0	8.4	8.6	8.9	8.6	8.2	8.1	8.1	1.9	998.8
85,0°	2.7	3.4	4.1	4.1	4.2	4.5	4.3	4.1	4.1	4.2	4.3	0.8	999.6
87,5°	1.4	1.5	1.7	1.8	2.0	2.2	2.3	2.4	2.5	2.6	2.6	0.4	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 <b>Floodlight FL11</b>	Order number: <b>5XA779414T01AA</b> EAN: <b>4069025011848</b>	LP number <b>59517_9</b>
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**siteco**

### Dimming levels table environmental temperature: 10°C

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	----	----	----	----
99	252	254	109832	1013.7
95	238	252	105029	957.1
90	222	249	99279	892.9
85	207	247	93791	832.8
80	193	244	88393	776.7
75	179	241	82898	721.0
70	165	238	77283	665.4
65	152	235	72012	614.4
60	138	232	66157	559.1
55	125	228	60607	508.4
50	113	224	55321	461.5
45	101	220	49930	415.1
40	89	216	44395	368.4
35	77	210	38762	322.6
30	65	204	32972	276.9
25	54	197	27557	235.1
20	43	189	22110	194.5
15	32	178	16664	148.1
10	21	163	11049	102.5
5	10	136	5347	55.4
1	3	91	1488	27.7

### Dimming levels table environmental temperature: 25°C

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	----	----	----	----
95	----	----	----	----
90	221	249	96434	882.7
85	206	246	91204	822.7
80	191	244	85554	763.0
75	177	241	80301	707.7
70	163	238	74943	652.3
65	149	235	69467	597.6
60	136	231	64164	547.0
55	123	228	58733	496.4
50	111	224	53590	450.1
45	99	220	48357	403.8
40	87	215	42911	357.7
35	75	209	37429	312.1
30	64	204	32171	270.7
25	53	197	26820	229.3
20	42	188	21475	189.0
15	31	177	16076	141.9
10	20	161	10478	97.7
5	10	136	5329	54.8
1	3	92	1484	27.4

**Photometric test report**

<b>Family</b> Floodlight FL11	<b>Order number: 5XA779414T01AA</b> <b>EAN: 4069025011848</b>	<b>LP number</b> <b>59517_9</b>
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<b>Luminousfluxs table</b>	<b>siteco</b>
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Temperature °C	Luminous flux lm	Power consumption W
10.0	110500.0	1021.6
25.0	97270.0	892.4