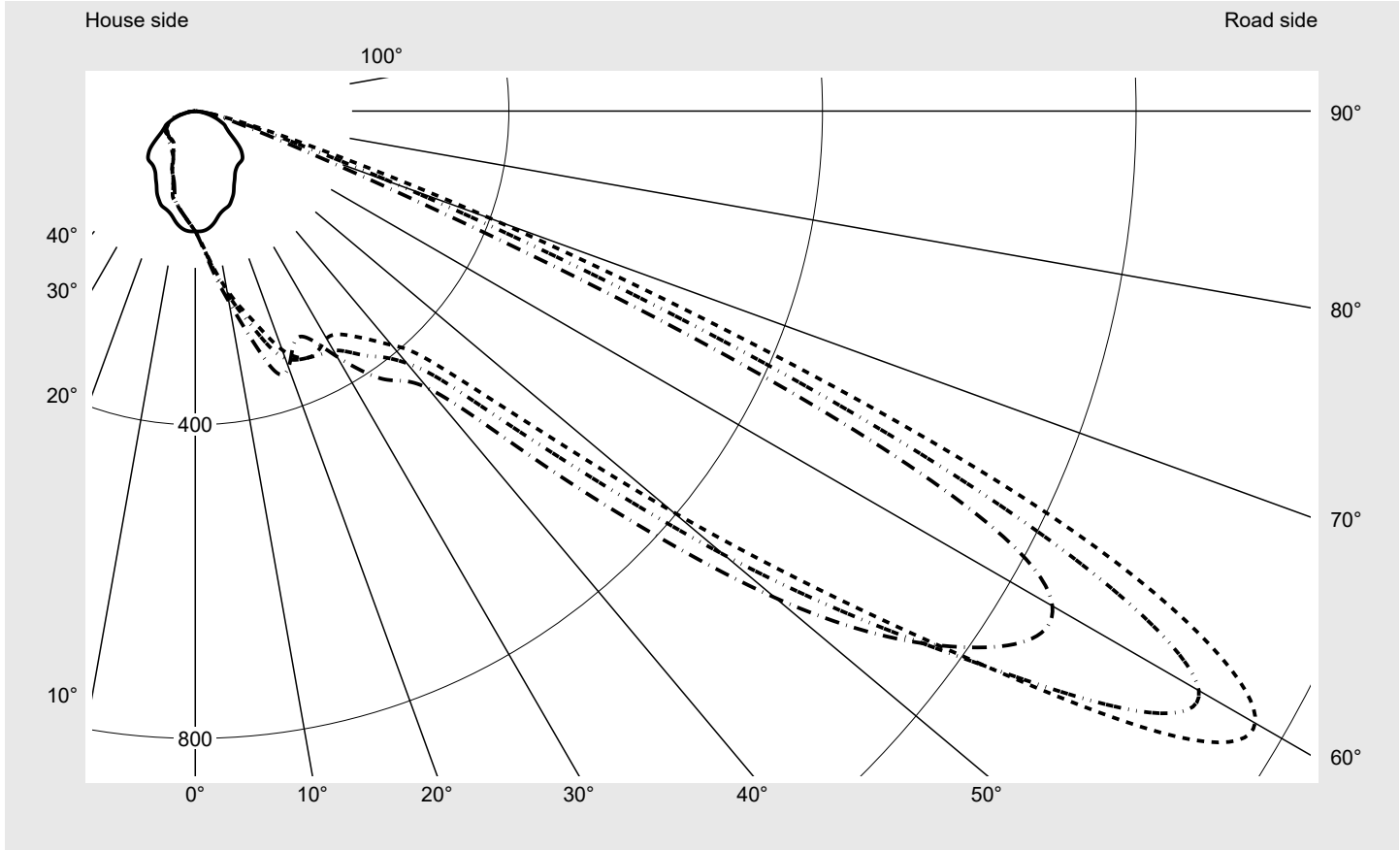


# Photometric test report

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779418T01AA</b> <b>EAN: 4069025011800</b>	<b>LP number</b> <b>59517_11</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 ≥ 80 <b>Controlgear</b> ECG-DALI <b>Rated values</b> Ta = 10 °C Net luminous flux = 128400 lm Power consumption = 1021.7 W Luminous efficacy = 125.7 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%

**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

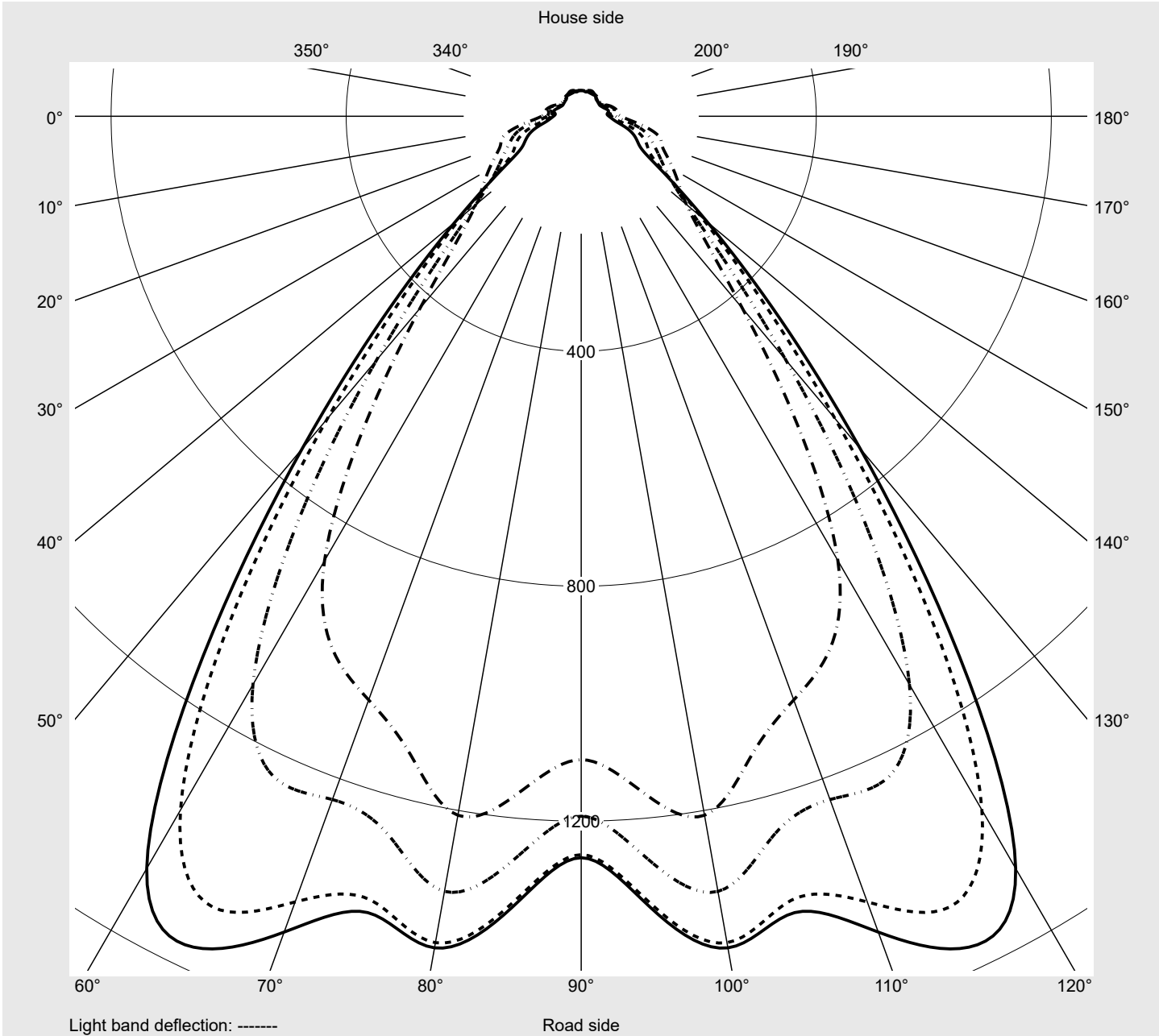
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779418T01AA</b> <b>EAN: 4069025011800</b>	<b>LP number</b> <b>59517_11</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: 5XA779418T01AA</b> <b>EAN: 4069025011800</b>	<b>LP number</b> <b>59517_11</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: 5XA779418T01AA</b> <b>EAN: 4069025011800</b>	<b>LP number</b> <b>59517_11</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: 5XA779418T01AA</b> <b>EAN: 4069025011800</b>	<b>LP number</b> <b>59517_11</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</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>5XA779418T01AA</b> EAN: <b>4069025011800</b>	LP number <b>59517_11</b>
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<b>Dimming levels table</b>	environmental temperature: 10°C	<b>siteco</b>
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	----	----	----	----
99	252	254	127620	1013.8
95	238	252	122022	957.3
90	223	249	115743	897.0
85	207	247	108927	832.9
80	193	244	102641	776.8
75	179	241	96245	721.0
70	165	238	89708	665.4
65	152	235	83573	614.4
60	139	232	77251	563.1
55	126	228	70798	512.3
50	113	224	64160	461.5
45	101	220	57895	415.1
40	89	216	51467	368.4
35	77	210	44925	322.6
30	66	205	38705	280.6
25	54	197	31925	235.1
20	43	189	25608	194.5
15	32	178	19295	148.1
10	21	163	12791	102.5
5	10	136	6188	55.4
1	3	91	1722	27.7

<b>Dimming levels table</b>	environmental temperature: 25°C
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	----	----	----	----
95	----	----	----	----
94	233	251	116935	930.8
90	221	249	112099	882.7
85	206	246	105998	822.7
80	191	244	99414	763.0
75	177	241	93291	707.7
70	163	238	87047	652.3
65	150	235	81096	601.7
60	136	231	74489	547.0
55	124	228	68701	500.4
50	111	224	62181	450.1
45	99	220	56096	403.8
40	87	215	49764	357.7
35	75	209	43396	312.1
30	64	204	37290	270.7
25	53	197	31079	229.3
20	42	188	24878	189.0
15	31	177	18618	141.9
10	21	163	12727	101.5
5	10	136	6167	54.8
1	3	92	1718	27.4

**Photometric test report**

<b>Family</b> Floodlight FL11	<b>Order number: 5XA779418T01AA</b> <b>EAN: 4069025011800</b>	<b>LP number</b> 59517_11
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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	128400.0	1021.7
25.0	117340.0	934.7