


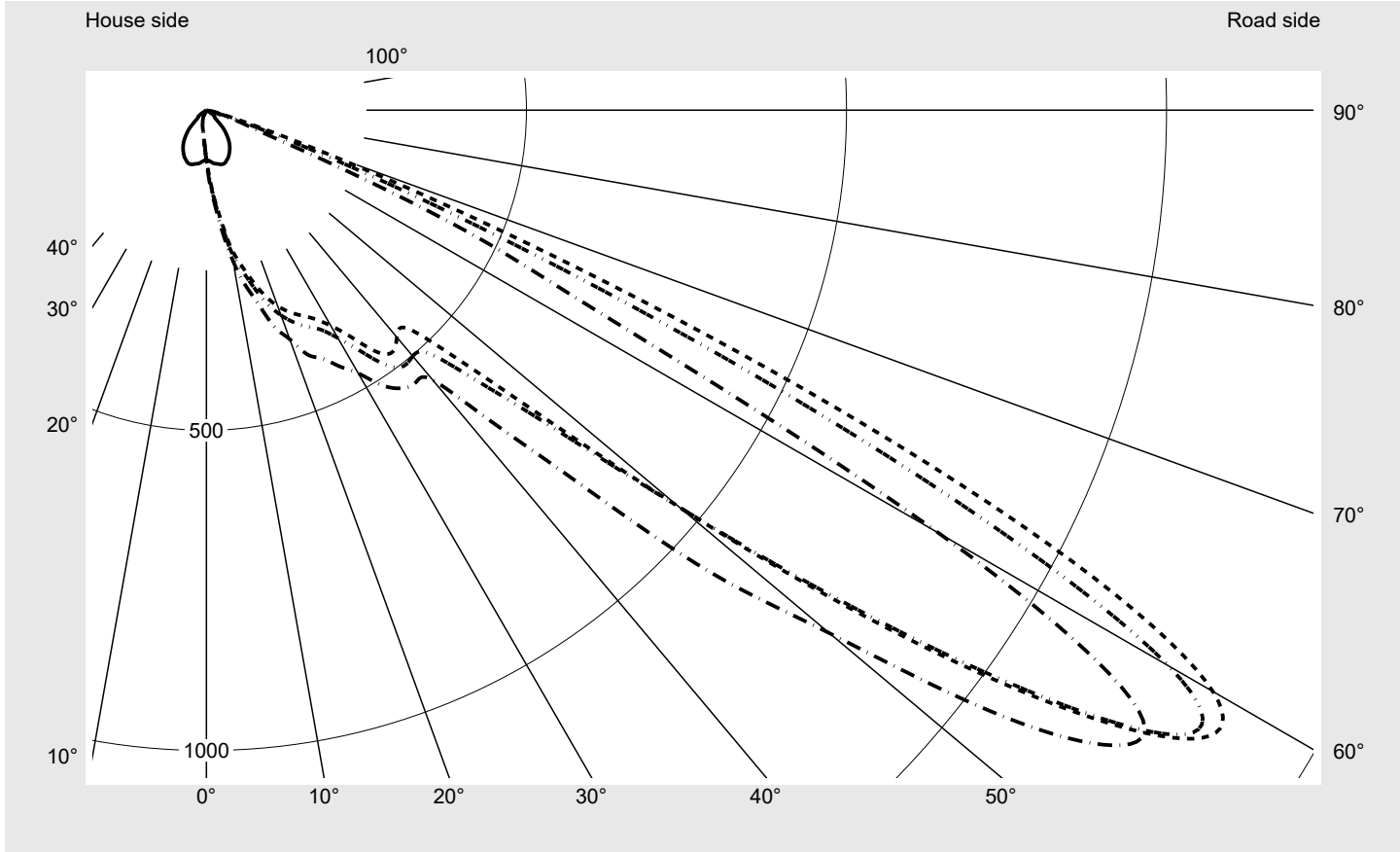
# Photometric test report

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779127H01AA</b> <b>EAN: 4058352556993</b>	<b>LP number</b> <b>59257_46</b>
	<b>Version</b> standard bracket <b>Optic</b> asymmetric distribution PL33T with Back Light Control <b>Cover</b> toughened safety glass <b>Lamps</b> LED 5000 K   CRI ≥ 70 <b>Controlgear</b> ECG-DALI <b>Rated values</b> Ta = 10 °C Net luminous flux = 128070 lm Power consumption = 1426.2 W Luminous efficacy = 89.8 lm/W	<b>serial documentation</b> 11.09.2023





**Luminous intensity in cd/klm**
C180-0
C240-60
C245-65
C270-90
**Imax: 1827 cd/klm**



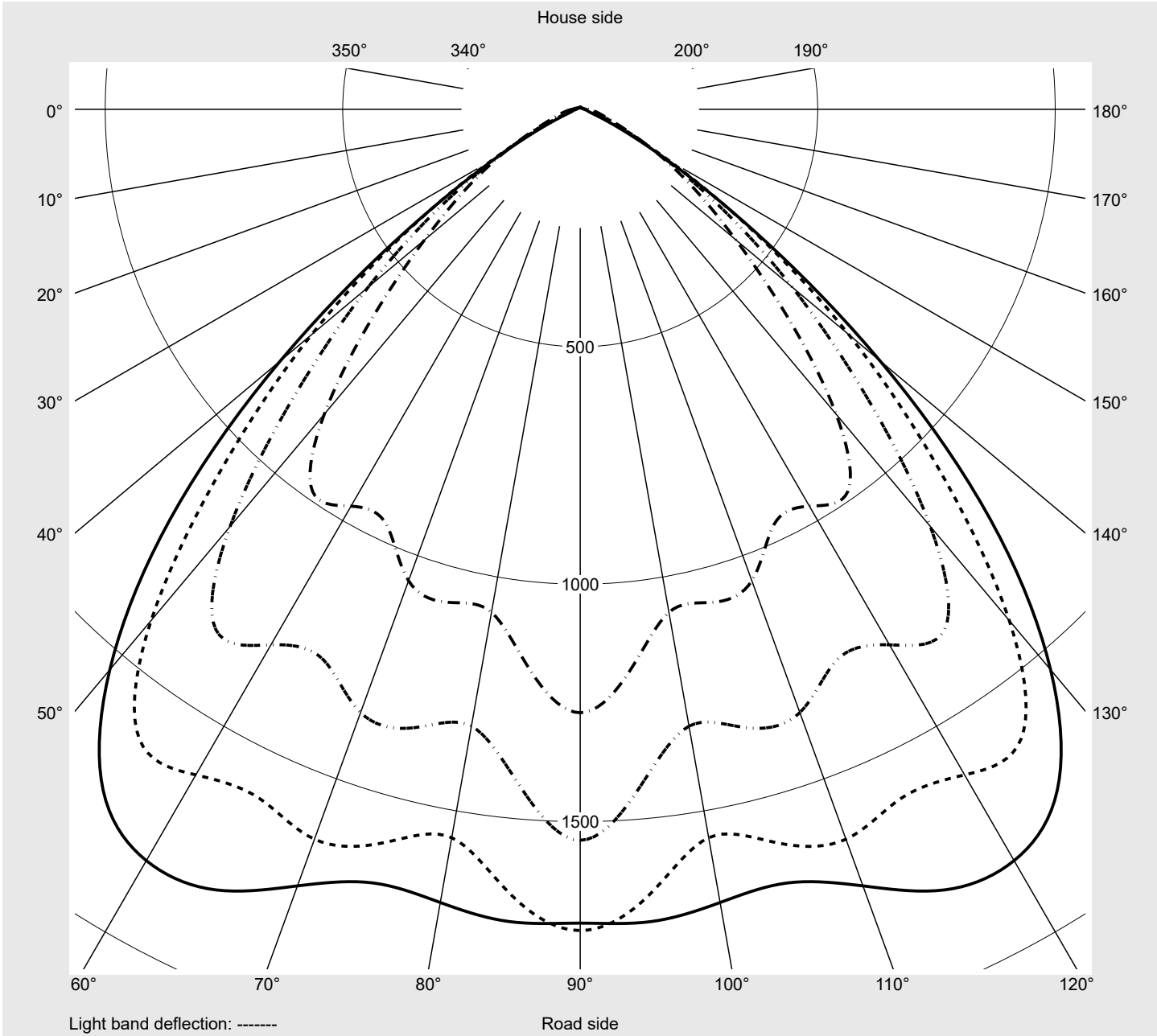
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

Luminous intensity class acc. to EN13201-2	
Class:	G6
Imax 70°	279.0
Imax 80°	8.4
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: 5XA779127H01AA</b> <b>EAN: 4058352556993</b>	<b>LP number</b> <b>59257_46</b>
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**Envelope curve in cd/klm**      **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**    **KMK 50°**      **siteco**



## Photometric test report

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779127H01AA</b> <b>EAN: 4058352556993</b>	<b>LP number</b> <b>59257_46</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°	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
2,5°	78.7	80.9	83.2	85.5	87.9	90.2	92.5	94.7	96.8	98.7	100.3	101.7	103.0
5,0°	81.0	85.9	91.1	96.3	101.7	106.8	111.9	116.8	121.5	125.9	130.1	133.8	137.2
7,5°	83.6	90.4	97.6	104.4	111.3	118.8	126.6	134.7	143.3	151.5	159.2	166.0	172.2
10,0°	85.0	93.4	102.2	112.3	123.9	136.3	148.9	161.9	174.6	186.3	197.0	206.8	216.2
12,5°	86.2	97.0	109.7	124.0	139.3	153.7	167.4	181.9	196.5	209.8	222.6	234.9	246.2
15,0°	87.7	100.9	115.8	132.0	147.8	163.1	179.8	198.2	215.3	231.3	246.7	261.5	275.2
17,5°	88.0	102.5	118.7	135.8	153.7	172.9	193.3	214.9	234.3	252.0	269.1	287.2	303.4
20,0°	86.8	102.5	120.0	138.8	159.2	181.7	205.9	229.0	248.3	266.7	286.7	307.2	325.5
22,5°	83.9	100.7	120.4	141.0	164.1	189.7	215.0	237.4	256.5	277.2	300.0	322.1	341.6
25,0°	81.0	98.7	119.7	142.3	167.0	193.6	218.5	239.8	261.7	285.3	309.5	332.5	354.2
27,5°	76.9	95.7	117.1	139.7	166.5	194.0	219.3	243.3	269.3	294.6	319.1	343.8	367.8
30,0°	72.6	91.8	112.3	135.8	164.6	194.3	222.7	251.6	282.1	309.9	335.5	362.4	388.9
32,5°	67.8	86.4	106.5	131.5	162.4	194.6	227.9	264.7	300.0	331.7	362.1	391.8	419.5
35,0°	62.3	79.9	100.0	125.5	156.6	193.0	233.1	277.3	318.4	357.3	393.6	428.5	459.5
37,5°	55.6	72.4	91.9	115.7	146.8	186.9	232.5	279.5	321.6	359.8	398.6	438.8	476.6
40,0°	48.1	63.8	82.2	103.6	133.9	179.0	230.4	276.2	310.9	343.2	379.9	420.0	462.9
42,5°	40.4	54.7	72.1	93.1	124.1	172.2	230.8	276.5	306.8	338.3	375.1	415.2	461.2
45,0°	28.5	39.1	53.5	74.9	107.3	161.3	226.4	277.5	311.4	364.8	435.7	495.8	538.7
47,5°	18.6	24.9	34.6	51.9	82.5	136.2	207.9	274.8	342.6	448.9	583.6	675.7	696.9
50,0°	16.9	24.4	35.1	48.6	70.6	115.0	191.5	295.6	427.8	615.6	838.2	982.4	965.1
52,5°	15.3	22.9	34.0	45.1	62.8	106.6	198.7	364.0	582.7	847.4	1146.7	1337.5	1302.2
55,0°	11.5	16.8	24.5	31.4	47.2	96.7	214.4	437.6	738.2	1063.3	1405.4	1618.5	1618.5
57,5°	8.2	10.7	14.5	18.4	31.5	79.5	202.9	448.3	823.7	1220.9	1540.7	1751.0	1827.0
60,0°	6.7	7.8	9.8	12.7	21.9	56.1	149.1	361.7	748.8	1177.8	1460.2	1699.7	1815.7
62,5°	6.1	6.9	8.4	10.6	15.5	34.4	88.1	222.4	499.7	869.7	1119.1	1425.2	1522.3
65,0°	5.7	6.3	7.5	9.1	11.8	22.2	51.1	117.7	270.5	520.5	769.3	1042.5	1025.9
67,5°	5.1	5.5	6.5	7.7	9.6	17.0	33.4	62.1	125.3	263.0	464.6	610.3	538.4
70,0°	4.5	4.9	5.5	6.2	7.7	11.0	16.8	26.2	47.4	102.5	209.4	279.0	215.6
72,5°	3.7	4.1	4.4	5.1	6.1	7.4	9.3	13.1	20.5	37.7	74.6	99.7	70.8
75,0°	3.0	3.2	3.5	4.1	4.9	6.3	7.2	9.1	12.2	17.4	28.3	36.6	27.1
77,5°	2.1	2.4	2.5	2.9	3.4	4.5	4.8	5.8	7.3	9.0	12.2	15.7	12.4
80,0°	1.5	1.9	1.9	1.9	2.2	2.6	2.9	3.5	4.0	5.0	7.3	8.4	6.1
82,5°	1.1	1.4	1.4	1.4	1.4	1.6	1.7	1.9	2.3	2.8	3.8	4.0	3.3
85,0°	0.6	0.8	0.8	0.6	0.7	0.8	0.9	1.0	1.0	1.2	1.5	1.7	1.6
87,5°	0.2	0.3	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.8	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

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779127H01AA</b> <b>EAN: 4058352556993</b>	<b>LP number</b> <b>59257_46</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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°	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
2,5°	104.1	105.1	105.9	106.5	107.0	112.3	76.6	74.7	72.8	71.0	69.1	67.4	65.8
5,0°	140.3	143.0	145.3	147.1	148.3	146.7	76.4	72.2	68.4	64.8	61.5	58.4	55.7
7,5°	177.7	182.2	185.7	188.5	190.4	191.5	77.2	71.2	65.4	60.2	55.6	51.7	48.3
10,0°	224.4	230.9	235.3	238.4	240.5	239.0	77.0	69.7	62.6	56.0	50.0	45.4	41.5
12,5°	255.6	262.6	268.6	273.4	277.0	279.4	76.3	67.5	59.2	51.9	45.6	40.6	36.7
15,0°	286.7	296.0	303.7	309.5	313.4	313.3	75.2	64.9	56.5	48.6	41.5	36.0	32.0
17,5°	317.0	327.9	336.9	343.9	349.0	355.4	74.5	61.9	51.7	44.0	36.8	31.6	27.7
20,0°	340.8	353.5	364.8	373.4	379.7	380.7	72.2	59.2	48.8	39.8	32.2	27.3	24.0
22,5°	359.1	374.1	386.5	397.4	406.1	413.1	69.7	56.9	44.7	35.3	27.8	23.4	20.0
25,0°	373.2	389.3	403.5	416.3	425.0	427.8	66.5	53.0	40.9	31.3	24.2	19.5	16.5
27,5°	386.3	403.2	421.5	435.9	444.5	451.3	61.6	48.1	36.6	27.1	20.4	16.2	13.6
30,0°	411.0	431.7	450.0	463.4	472.8	474.6	56.4	43.3	32.3	23.5	17.2	13.7	11.6
32,5°	444.8	466.8	485.4	495.9	502.4	508.8	51.3	38.6	28.3	20.0	14.9	12.0	10.4
35,0°	484.4	504.1	515.2	522.8	527.6	530.1	46.0	34.1	24.3	17.1	13.1	10.8	9.4
37,5°	504.3	520.2	527.4	530.7	535.1	536.6	40.8	29.9	20.5	14.7	11.6	10.0	8.5
40,0°	501.6	525.3	535.5	542.1	547.5	550.1	35.2	25.6	17.5	12.9	10.6	9.4	7.9
42,5°	515.5	563.6	583.8	597.2	621.6	660.8	29.8	21.3	15.1	11.4	9.6	8.5	7.4
45,0°	597.2	675.0	705.3	720.2	788.4	826.2	22.0	17.2	13.2	10.4	8.8	7.5	6.6
47,5°	732.9	825.1	861.2	872.8	964.4	1068.6	15.1	12.6	10.9	9.3	8.1	6.8	6.0
50,0°	965.1	1056.6	1075.0	1075.7	1188.4	1270.7	12.9	10.8	9.4	8.0	7.0	6.1	5.3
52,5°	1279.2	1352.0	1348.1	1319.2	1433.7	1539.3	11.4	9.5	8.2	7.0	5.9	5.3	4.7
55,0°	1600.4	1635.8	1599.0	1557.7	1661.2	1729.4	9.2	8.1	7.1	6.3	5.3	4.6	4.2
57,5°	1813.9	1740.4	1686.7	1696.2	1717.1	1713.9	7.0	6.3	5.9	5.5	4.7	4.2	3.8
60,0°	1735.8	1537.9	1506.4	1585.6	1431.2	1321.6	6.0	5.4	5.2	4.7	4.2	3.9	3.7
62,5°	1317.0	1096.2	1102.2	1162.6	929.0	734.3	5.4	4.9	4.7	4.2	3.8	3.7	3.6
65,0°	787.3	613.8	652.3	654.1	523.1	453.2	5.1	4.7	4.4	4.0	3.7	3.6	3.5
67,5°	368.9	284.2	292.2	239.9	192.2	140.2	4.7	4.2	3.9	3.7	3.5	3.4	3.3
70,0°	132.6	123.6	117.9	81.6	62.4	60.8	4.3	3.9	3.6	3.4	3.3	3.3	3.3
72,5°	44.5	48.6	40.3	24.6	18.7	16.9	3.4	3.1	3.0	3.0	3.0	3.1	3.1
75,0°	20.0	21.0	14.3	9.3	9.1	10.9	2.6	2.2	2.1	2.3	2.5	2.6	2.8
77,5°	11.0	11.0	7.5	5.5	5.6	6.0	1.7	1.5	1.5	1.7	2.0	2.1	2.2
80,0°	5.1	5.1	4.3	3.5	3.5	4.0	1.2	1.1	1.1	1.2	1.4	1.6	1.7
82,5°	2.9	3.0	2.7	2.3	2.3	2.5	0.7	0.7	0.8	0.9	1.1	1.2	1.4
85,0°	1.4	1.4	1.4	1.4	1.3	1.4	0.5	0.5	0.6	0.7	0.9	1.0	1.1
87,5°	0.9	1.0	1.0	1.0	1.0	0.9	0.3	0.4	0.5	0.6	0.7	0.8	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

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779127H01AA</b> <b>EAN: 4058352556993</b>	<b>LP number</b> <b>59257_46</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°	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	0.1	0.1
2,5°	64.2	62.7	61.3	60.0	58.9	58.1	57.4	56.8	56.4	56.1	56.1	1.0	1.1
5,0°	53.1	50.8	48.8	47.1	45.7	44.5	43.6	42.9	42.5	42.1	42.0	2.1	3.2
7,5°	45.3	42.7	40.5	38.8	37.4	36.2	35.5	35.0	34.8	34.7	34.7	3.5	6.7
10,0°	38.5	36.1	34.1	32.6	31.2	30.3	29.8	29.7	29.8	29.8	29.9	5.3	11.9
12,5°	33.8	31.5	29.7	28.0	27.1	26.5	26.3	26.3	26.3	26.0	26.0	7.1	19.0
15,0°	29.3	27.2	25.3	24.1	23.4	23.1	22.9	22.8	22.8	22.8	22.6	9.1	28.2
17,5°	25.0	23.4	21.7	20.6	20.1	20.0	20.0	19.6	19.0	19.1	19.2	11.3	39.4
20,0°	21.4	19.5	18.3	17.7	17.5	17.5	17.1	16.4	16.3	16.2	16.2	13.4	52.9
22,5°	17.4	16.1	15.4	14.8	15.0	14.6	14.1	13.8	13.6	13.5	13.5	15.5	68.3
25,0°	14.5	13.4	12.5	12.4	12.2	11.8	11.5	11.2	11.0	10.9	10.9	17.4	85.7
27,5°	12.2	10.8	10.2	10.3	9.4	9.3	9.1	8.8	8.5	8.4	8.3	19.3	105.0
30,0°	10.4	9.1	9.0	8.2	7.9	7.6	7.4	7.2	6.9	6.7	6.7	21.6	126.6
32,5°	9.0	8.3	8.0	7.1	6.8	6.7	6.5	6.4	6.2	6.1	6.1	24.3	151.0
35,0°	8.2	7.9	6.9	6.6	6.3	6.1	6.0	5.9	5.8	5.8	5.8	27.2	178.2
37,5°	7.6	7.4	6.4	6.1	5.9	5.8	5.7	5.7	5.6	5.6	5.6	29.0	207.2
40,0°	7.1	6.4	6.0	5.6	5.5	5.4	5.4	5.3	5.3	5.3	5.2	30.1	237.2
42,5°	6.7	5.8	5.3	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	32.6	269.8
45,0°	6.0	5.3	4.8	4.7	4.7	4.7	4.7	4.8	4.8	4.7	4.7	38.5	308.3
47,5°	5.2	4.7	4.4	4.3	4.4	4.5	4.5	4.6	4.6	4.6	4.6	47.6	356.0
50,0°	4.6	4.1	4.0	4.1	4.1	4.2	4.4	4.4	4.5	4.5	4.5	62.6	418.5
52,5°	4.1	3.8	3.7	3.8	3.9	4.1	4.3	4.4	4.4	4.5	4.5	82.5	501.1
55,0°	3.8	3.5	3.6	3.7	3.9	4.1	4.3	4.5	4.5	4.6	4.6	101.9	602.9
57,5°	3.5	3.4	3.5	3.7	3.9	4.1	4.4	4.7	4.8	4.8	4.9	112.8	715.8
60,0°	3.4	3.2	3.4	3.6	3.8	4.1	4.5	4.8	5.0	5.1	5.1	105.9	821.7
62,5°	3.3	3.1	3.2	3.4	3.7	4.0	4.4	4.8	5.2	5.3	5.4	80.2	901.9
65,0°	3.2	3.2	3.3	3.5	3.8	4.1	4.5	4.8	5.1	5.3	5.3	51.0	952.9
67,5°	3.3	3.5	3.8	4.1	4.3	4.6	4.8	5.1	5.3	5.4	5.4	25.8	978.7
70,0°	3.4	3.8	4.3	4.6	4.9	5.1	5.2	5.4	5.6	5.6	5.7	11.2	989.9
72,5°	3.4	3.9	4.2	4.5	4.8	5.1	5.3	5.4	5.6	5.7	5.7	4.5	994.4
75,0°	3.1	3.7	4.0	4.3	4.6	4.9	5.1	5.3	5.4	5.5	5.6	2.3	996.6
77,5°	2.5	2.9	3.2	3.5	3.8	4.1	4.3	4.5	4.6	4.7	4.7	1.4	998.0
80,0°	1.9	2.2	2.5	2.7	3.0	3.2	3.4	3.6	3.7	3.8	3.9	0.9	998.8
82,5°	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.0	3.1	3.1	0.6	999.4
85,0°	1.2	1.4	1.5	1.7	1.8	2.0	2.2	2.3	2.4	2.5	2.5	0.4	999.8
87,5°	1.0	1.1	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.0	2.1	0.2	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

<b>Family</b> Floodlight FL11	<b>Order number: 5XA779127H01AA</b> <b>EAN: 4058352556993</b>	<b>LP number</b> 59257_46
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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	----	----	----	----
100	252	254	127553	1414.5
95	232	251	121703	1298.6
90	213	248	115171	1188.6
85	197	245	109064	1096.7
80	181	242	102272	1004.2
75	167	239	95971	923.0
70	153	235	89614	843.3
65	140	232	83383	770.0
60	127	229	76825	697.2
55	115	225	70198	630.1
50	103	221	63958	563.4
45	91	216	57750	497.2
40	80	212	51332	437.3
35	69	206	44788	377.6
30	58	200	38178	317.3
25	47	192	31891	258.0
20	38	184	25626	210.5
15	28	173	19267	157.9
10	19	159	12965	111.1
5	9	132	6523	59.2
1	2	77	1748	21.3

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

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	----	----	----	----
95	----	----	----	----
90	----	----	----	----
85	----	----	----	----
82	182	242	99780	1001.7
80	177	241	97891	972.9
75	162	238	91510	887.0
70	149	235	85455	813.6
65	136	231	79587	740.9
60	123	228	73278	668.8
55	112	224	67113	608.3
50	99	220	61135	535.9
45	88	215	54969	476.3
40	77	210	48798	416.7
35	67	205	43035	362.5
30	56	199	36342	303.2
25	46	192	30788	250.1
20	37	184	24722	203.0
15	27	172	18438	151.1
10	18	157	12283	104.3
5	8	127	5814	53.4
1	2	77	1734	21.0

**Photometric test report**

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779127H01AA</b> <b>EAN: 4058352556993</b>	<b>LP number</b> <b>59257_46</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	128070.0	1426.2
25.0	100050.0	1005.8