
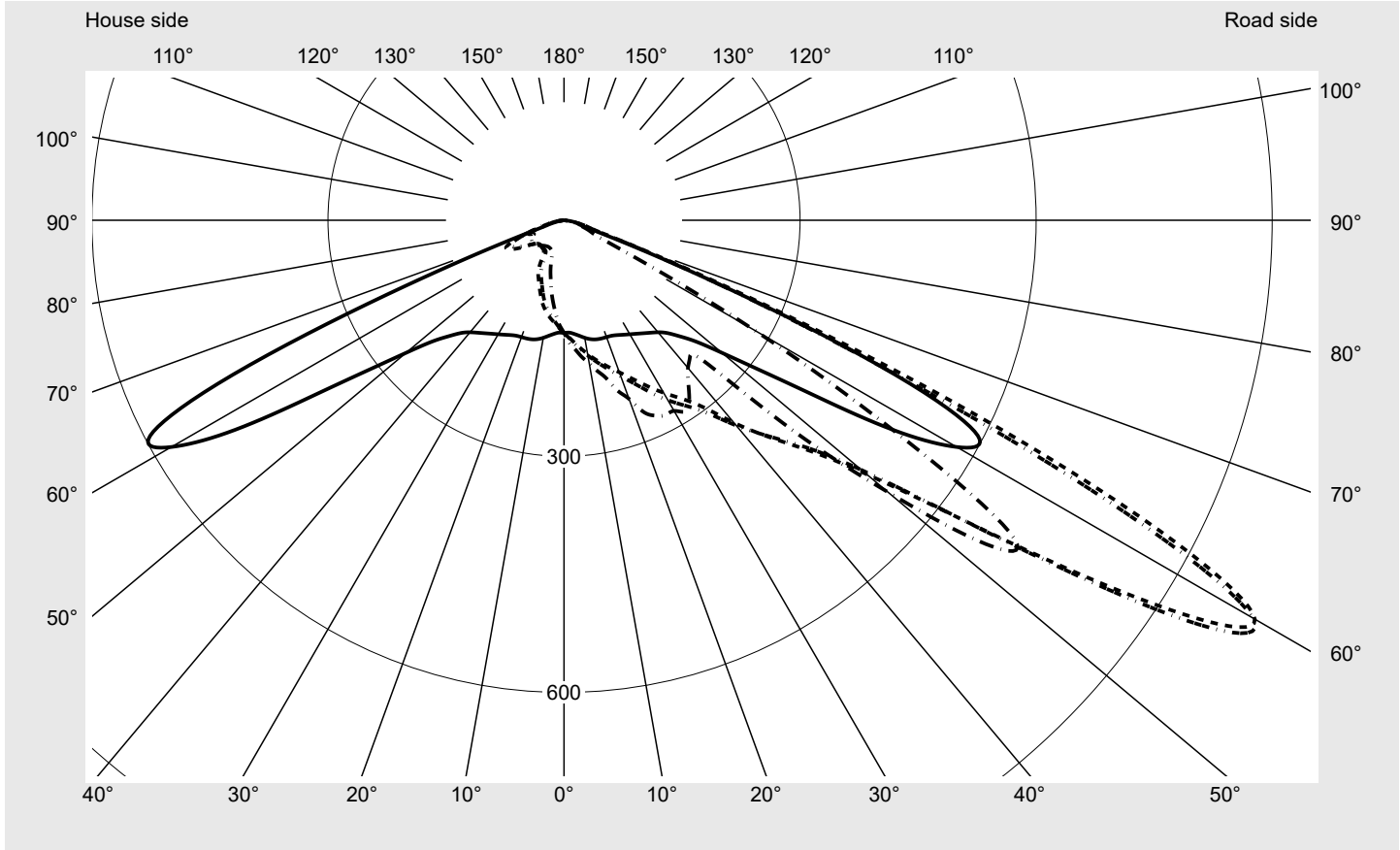


# Photometric test report

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779124A01BA</b> <b>EAN: 4058352537299</b>	<b>LP number</b> <b>59255_83</b>
	<b>Version</b> standard bracket <b>Optic</b> asymmetric distribution PL43 <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 = 108940 lm Power consumption = 1020.5 W Luminous efficacy = 106.8 lm/W	<b>serial documentation</b> <b>13.09.2023</b>



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



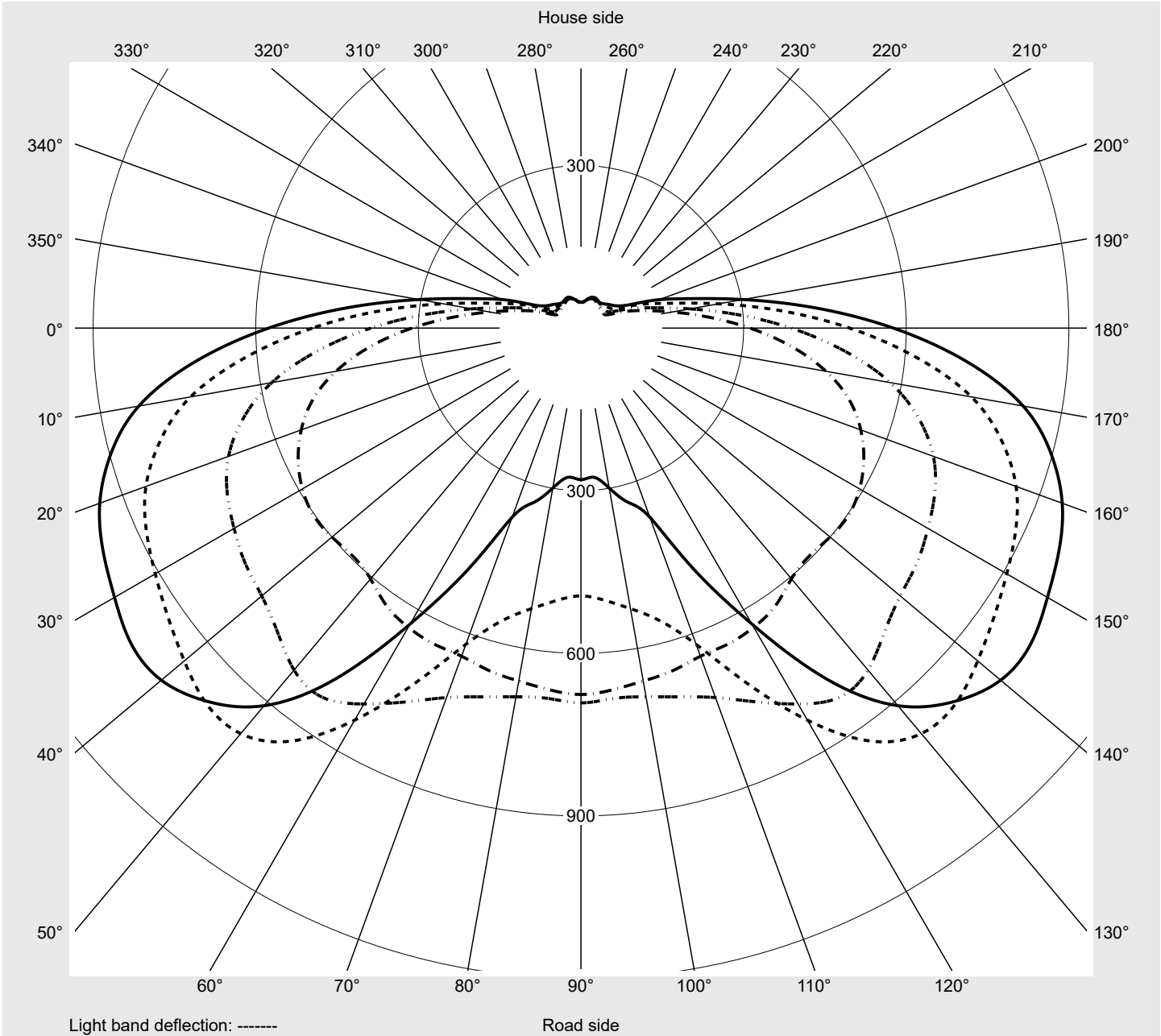
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

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

**Photometric test report**

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779124A01BA</b> <b>EAN: 4058352537299</b>	<b>LP number</b> <b>59255_83</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: 5XA779124A01BA</b> <b>EAN: 4058352537299</b>	<b>LP number</b> <b>59255_83</b>
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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°
$\gamma$	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

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779124A01BA</b> <b>EAN: 4058352537299</b>	<b>LP number</b> <b>59255_83</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>

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°
$\gamma$	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

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779124A01BA</b> <b>EAN: 4058352537299</b>	<b>LP number</b> <b>59255_83</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°	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 <b>Floodlight FL11</b>	Order number: <b>5XA779124A01BA</b> EAN: <b>4058352537299</b>	LP number <b>59255_83</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	254	254	108940	1020.5
95	237	251	103485	949.6
90	221	249	98116	883.0
85	207	247	92758	825.5
80	191	244	86997	760.4
75	177	241	81683	703.4
70	163	238	76057	647.6
65	151	235	70706	598.3
60	136	231	65525	538.3
55	123	227	59792	486.9
50	111	224	54517	439.5
45	99	219	49073	392.2
40	87	215	43674	344.3
35	76	210	38308	301.3
30	63	203	32711	250.8
25	53	197	27408	212.6
20	41	187	21588	167.0
15	31	177	16599	129.0
10	20	161	11057	87.4
5	9	132	5218	46.1
2	3	91	1990	22.2

<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	---	---	---	---
99	251	254	104722	1000.4
95	236	251	100120	938.1
90	220	249	95121	871.9
85	205	246	89638	810.6
80	190	243	84555	749.8
75	175	240	79103	689.4
70	162	238	73998	637.7
65	149	234	68557	584.3
60	133	230	63226	521.5
55	122	227	58257	478.4
50	109	223	52735	427.4
45	97	219	47359	380.6
40	85	214	42143	333.0
35	74	209	36799	290.5
30	62	202	31670	244.3
25	52	196	26616	206.5
20	41	187	21344	165.1
15	30	176	15853	124.2
10	19	159	10366	82.8
5	9	132	5172	45.5
2	3	91	1974	21.9

**Photometric test report**

<b>Family</b> Floodlight FL11	<b>Order number: 5XA779124A01BA</b> <b>EAN: 4058352537299</b>	<b>LP number</b> 59255_83
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**Luminousfluxs table** **siteco**

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