


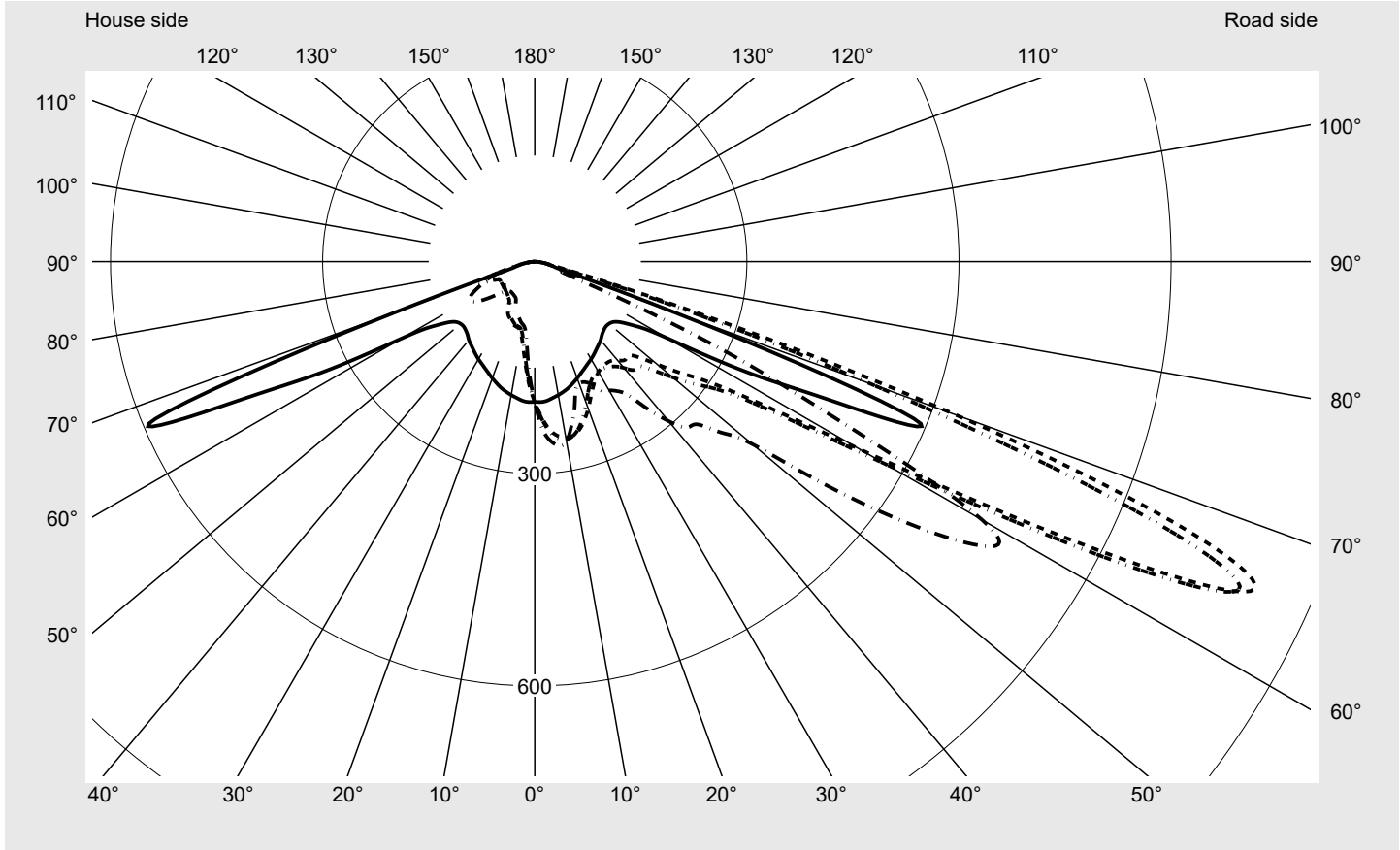
# Photometric test report

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779125D01AA</b> <b>EAN: 4058352850923</b>	<b>LP number</b> <b>59241_44</b>
	<b>Version</b> standard bracket <b>Optic</b> asymmetric distribution PL52 <b>Cover</b> toughened safety glass <b>Lamps</b> LED 3000 K   CRI ≥ 70 <b>Controlgear</b> ECG-DALI <b>Rated values</b> Ta = 10 °C Net luminous flux = 158790 lm Power consumption = 1334.7 W Luminous efficacy = 119 lm/W	<b>serial documentation</b> <b>02.11.2023</b>





**Luminous intensity in cd/klm**    **C180-0**    **C220-40**    **C225-45**    **C270-90**    **Imax: 1105 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:	G3
Imax 70°	749.2
Imax 80°	33.4
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

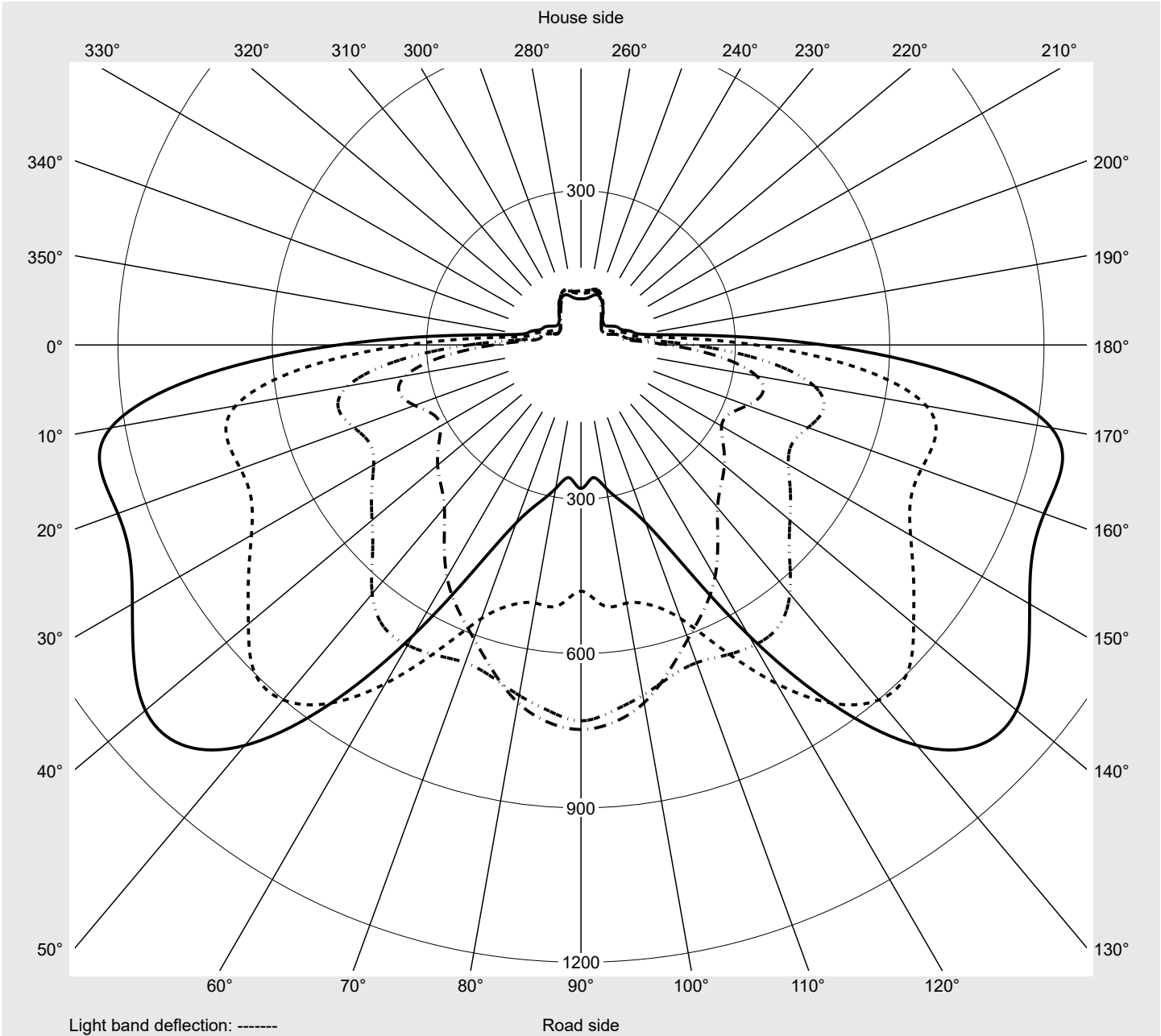
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779125D01AA</b> <b>EAN: 4058352850923</b>	<b>LP number</b> <b>59241_44</b>
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**Envelope curve in cd/klm**      **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**      **siteco**



## Photometric test report

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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°	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4
2,5°	198.7	201.8	204.8	207.9	210.5	213.1	215.6	218.0	220.0	222.1	223.9	225.2	226.6
5,0°	197.5	203.9	210.1	215.9	221.0	226.1	230.5	234.7	238.2	241.5	244.4	246.7	248.8
7,5°	194.5	204.0	212.8	220.8	227.9	234.4	239.8	244.7	248.5	251.9	254.7	256.6	258.2
10,0°	191.6	203.6	214.7	224.5	232.6	239.7	245.3	249.8	253.0	255.4	256.9	257.5	257.7
12,5°	188.3	202.7	215.6	226.6	235.2	242.2	247.1	250.3	251.7	252.0	251.1	249.3	247.1
15,0°	184.6	201.1	215.3	227.2	236.0	242.1	245.5	246.5	245.4	242.6	238.7	234.1	229.5
17,5°	180.1	198.7	214.3	226.4	234.7	239.4	240.6	238.8	234.4	228.4	221.6	215.0	208.9
20,0°	175.5	196.0	212.6	225.0	232.3	235.0	233.5	228.5	221.2	212.9	204.8	197.9	192.3
22,5°	170.8	193.2	210.9	223.1	229.2	229.5	225.0	216.9	207.2	198.1	190.9	186.0	183.2
25,0°	166.5	190.8	209.5	221.4	226.0	223.6	216.2	205.7	195.3	187.5	183.1	181.8	182.9
27,5°	162.6	188.9	208.7	220.2	223.0	217.9	207.4	195.5	186.2	181.2	181.1	184.8	190.2
30,0°	159.3	187.6	208.7	219.9	220.9	213.2	200.6	188.1	180.3	178.9	183.9	192.4	200.6
32,5°	155.6	186.4	208.9	219.9	219.2	209.1	195.1	182.6	176.9	179.4	188.7	200.9	210.7
35,0°	151.7	185.0	209.5	220.7	218.2	205.8	190.5	178.9	176.0	182.1	194.6	208.8	219.8
37,5°	148.2	184.6	210.6	222.0	217.8	203.0	187.2	177.0	177.0	186.9	202.3	219.6	234.1
40,0°	144.9	183.9	212.1	223.7	218.0	202.1	186.1	178.0	182.1	196.4	216.1	237.1	256.9
42,5°	140.7	183.2	213.9	225.3	218.0	200.6	184.8	179.7	188.7	207.7	230.6	252.9	273.8
45,0°	137.8	184.0	217.3	228.0	217.6	196.8	179.6	176.1	187.8	209.2	234.2	258.2	278.2
47,5°	136.2	188.2	224.9	235.1	222.0	198.5	182.2	183.4	200.9	227.5	253.2	274.4	292.0
50,0°	136.9	195.8	237.5	249.0	234.0	209.5	195.4	202.1	226.1	254.5	277.3	293.1	307.0
52,5°	140.3	208.3	256.9	270.1	254.2	229.3	218.2	230.9	257.7	284.1	301.5	311.8	324.9
55,0°	150.0	230.6	289.0	303.9	285.4	259.2	250.9	267.2	293.3	315.0	328.7	342.9	377.4
57,5°	169.9	272.7	346.5	364.8	343.9	318.1	315.5	337.7	363.8	385.1	413.0	463.4	521.0
60,0°	217.5	360.1	460.5	487.4	469.7	453.2	465.4	496.9	530.3	572.9	631.6	668.8	674.0
62,5°	339.5	549.8	681.6	711.7	704.4	707.4	739.7	789.2	844.0	898.4	900.8	850.3	760.1
65,0°	471.4	756.3	928.3	964.4	958.1	967.9	1007.0	1061.4	1105.4	1098.6	1016.3	853.0	651.7
67,5°	580.5	784.3	996.7	1047.0	1038.0	1032.0	1044.8	1049.4	1010.6	915.8	763.6	561.5	403.9
70,0°	214.6	443.1	619.1	717.7	749.2	739.5	731.6	704.1	633.2	506.4	378.9	314.3	250.3
72,5°	47.8	71.8	92.0	126.4	207.8	269.5	281.4	276.1	237.2	192.6	177.4	155.1	127.9
75,0°	28.7	31.6	33.7	36.4	44.1	64.2	72.8	73.1	64.5	40.1	61.7	56.1	51.5
77,5°	21.1	22.2	23.2	24.3	26.0	28.7	29.0	28.1	26.6	26.4	28.3	28.1	28.6
80,0°	16.3	15.8	15.8	16.5	17.1	18.1	17.9	17.5	17.5	17.8	17.8	18.0	22.8
82,5°	10.4	9.7	9.8	10.2	10.3	10.5	10.7	10.3	10.3	10.3	10.1	10.1	11.6
85,0°	5.3	4.8	4.8	4.9	4.9	5.0	4.9	4.8	4.6	4.3	4.2	4.0	3.9
87,5°	1.8	1.8	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.3	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: 5XA779125D01AA</b> <b>EAN: 4058352850923</b>	<b>LP number</b> <b>59241_44</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°	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4
2,5°	227.8	228.9	229.7	230.2	230.5	235.4	195.7	192.6	189.5	186.4	183.3	180.4	177.7
5,0°	250.5	251.8	252.8	253.5	254.0	254.3	191.1	184.3	177.5	171.0	164.5	158.5	153.0
7,5°	259.5	260.4	261.0	261.4	261.7	262.5	184.9	174.8	164.9	155.3	146.2	138.0	130.6
10,0°	257.6	257.2	256.7	256.3	256.1	258.1	179.0	165.9	153.2	141.4	130.7	121.5	113.7
12,5°	244.8	242.5	240.5	239.0	238.3	238.7	172.8	157.2	142.3	129.2	118.1	109.5	103.1
15,0°	225.2	221.2	218.1	215.8	214.7	216.7	166.7	148.8	132.7	119.2	109.2	102.4	98.4
17,5°	203.8	199.6	196.5	194.5	193.6	191.8	159.7	140.2	123.3	110.8	102.7	98.4	96.4
20,0°	188.3	185.5	183.8	182.9	182.7	183.4	153.1	132.2	115.3	104.2	98.4	96.1	94.5
22,5°	181.8	181.2	181.4	182.1	183.0	184.5	146.4	124.6	108.3	99.1	95.4	93.6	91.3
25,0°	184.8	186.5	188.3	190.5	192.4	192.4	140.5	118.0	102.8	95.7	93.1	90.8	88.2
27,5°	194.5	196.9	199.1	202.3	204.3	206.0	134.7	111.9	98.3	92.9	90.5	87.9	85.5
30,0°	205.5	206.3	207.7	211.1	211.7	210.4	129.5	106.9	94.7	90.7	88.0	85.6	81.4
32,5°	214.6	214.1	215.3	219.3	217.5	217.2	124.3	101.9	91.5	88.2	85.5	82.6	74.4
35,0°	224.3	225.8	231.4	237.6	233.6	230.9	118.8	97.1	88.5	85.5	81.9	75.5	67.3
37,5°	242.5	248.6	257.2	261.7	261.4	262.9	113.6	92.6	85.7	83.0	75.6	67.8	63.3
40,0°	269.5	277.8	286.8	292.2	294.3	294.4	108.8	88.8	83.0	80.1	67.9	62.7	61.4
42,5°	288.1	296.4	305.4	312.4	315.9	318.3	103.7	85.1	80.7	76.5	62.5	60.1	59.5
45,0°	292.4	300.4	310.5	319.5	324.1	325.6	99.1	81.9	78.6	73.3	59.5	58.0	57.6
47,5°	307.0	315.2	326.9	341.7	349.2	358.0	95.5	79.4	76.9	70.2	57.2	56.1	56.1
50,0°	321.7	336.5	356.9	382.5	399.0	401.3	92.9	77.8	75.5	67.2	54.8	54.3	54.6
52,5°	349.2	386.2	431.6	478.4	507.7	518.9	91.7	76.8	74.7	64.5	52.7	52.4	52.9
55,0°	434.8	497.1	555.8	609.9	642.5	646.0	93.1	77.2	74.5	62.1	51.1	50.6	51.3
57,5°	566.7	608.2	657.7	706.3	736.2	747.6	99.1	79.8	75.3	60.4	50.3	49.1	49.8
60,0°	665.6	657.4	668.3	691.9	714.2	730.8	115.8	86.0	79.0	63.0	52.8	49.8	49.2
62,5°	654.2	566.1	523.5	509.6	508.8	478.7	166.6	102.4	89.9	74.1	64.4	58.1	53.1
65,0°	473.0	368.1	318.0	283.4	259.2	279.0	220.3	119.6	101.5	85.7	80.1	72.9	63.9
67,5°	303.2	234.6	127.7	94.1	83.6	72.6	142.4	96.1	89.7	82.1	80.7	77.1	70.6
70,0°	193.4	146.5	58.3	44.8	44.0	44.3	56.4	49.2	49.6	52.8	55.7	59.0	59.5
72,5°	97.7	77.0	42.5	37.4	37.6	37.8	32.8	32.2	32.2	33.2	34.5	37.6	39.2
75,0°	45.7	41.4	34.4	32.5	31.6	32.6	25.8	25.7	25.6	26.2	27.0	28.4	30.1
77,5°	30.7	31.6	27.6	23.6	22.4	21.6	20.5	19.9	19.4	20.0	20.3	21.3	22.5
80,0°	33.4	29.1	19.0	15.7	14.8	15.4	16.2	14.2	13.7	14.1	14.3	14.8	15.0
82,5°	15.5	14.5	10.2	8.8	8.3	8.3	9.7	8.6	8.7	8.8	9.0	8.8	8.7
85,0°	3.8	3.6	3.5	3.4	3.4	3.6	4.5	4.4	4.4	4.4	4.3	4.1	3.9
87,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.8	1.8	1.8	1.7	1.7	1.6	1.6
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: 5XA779125D01AA</b> <b>EAN: 4058352850923</b>	<b>LP number</b> <b>59241_44</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°	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	0.3	0.3
2,5°	175.3	172.9	170.7	168.9	167.2	165.8	164.6	163.7	163.1	162.5	162.7	2.4	2.7
5,0°	147.8	143.2	139.0	135.4	132.4	129.7	127.5	125.9	124.7	124.0	123.9	4.6	7.3
7,5°	124.0	118.4	113.7	109.9	106.8	104.4	102.6	101.3	100.4	99.8	99.6	6.7	13.9
10,0°	107.5	102.7	99.2	96.7	95.0	93.7	92.9	92.3	91.9	91.6	91.5	8.6	22.5
12,5°	98.7	95.8	94.0	92.7	91.7	90.8	90.0	89.3	88.8	88.4	88.2	10.4	32.9
15,0°	96.0	94.3	92.8	91.0	89.2	87.6	86.2	85.2	84.3	83.8	83.6	11.8	44.7
17,5°	94.9	92.9	90.4	88.0	85.9	84.1	82.6	81.5	80.7	80.1	79.9	13.0	57.8
20,0°	92.4	89.9	87.5	85.5	83.6	81.9	80.4	79.2	78.5	78.0	77.8	14.2	72.0
22,5°	88.9	86.9	85.1	83.6	81.4	77.6	75.0	73.4	72.6	72.2	72.0	15.3	87.3
25,0°	86.1	84.2	82.4	78.8	74.1	69.7	66.1	64.7	64.0	63.6	63.4	16.5	103.8
27,5°	82.2	78.7	74.9	70.8	66.1	63.3	61.7	60.3	59.2	58.5	58.2	17.8	121.5
30,0°	75.0	70.4	67.7	65.0	63.5	62.1	60.4	58.9	57.8	57.0	56.7	19.1	140.7
32,5°	67.2	65.2	64.1	63.1	62.1	60.8	59.3	57.9	56.7	56.0	55.6	20.5	161.2
35,0°	64.0	63.3	62.4	61.6	60.9	59.8	58.5	57.2	56.2	55.4	55.0	22.1	183.2
37,5°	62.5	61.7	61.0	60.3	59.8	59.1	57.9	56.7	55.7	54.8	54.4	24.0	207.2
40,0°	60.8	60.3	59.7	59.3	59.0	58.5	57.8	57.0	56.2	55.3	54.8	26.3	233.5
42,5°	59.2	59.0	58.8	58.6	58.6	58.5	58.4	58.3	57.9	57.0	56.3	28.4	261.9
45,0°	57.9	58.2	58.3	58.5	58.8	59.5	60.4	61.2	61.4	60.6	59.9	29.9	291.8
47,5°	56.9	57.7	58.4	59.0	60.2	62.1	64.4	66.4	67.2	66.9	66.3	32.5	324.2
50,0°	55.7	57.2	58.7	60.5	63.0	66.5	71.0	74.6	76.0	76.1	75.8	36.1	360.3
52,5°	54.5	56.6	59.2	62.5	67.0	73.2	80.5	85.6	87.0	87.1	86.9	41.8	402.1
55,0°	53.2	56.1	60.0	65.4	72.4	81.8	91.8	97.7	97.9	97.6	97.6	50.1	452.3
57,5°	52.1	56.0	61.4	68.9	78.7	90.8	102.4	107.7	106.0	104.7	104.5	61.7	514.0
60,0°	51.3	55.7	62.6	72.2	83.7	96.6	108.4	112.2	108.5	106.0	105.6	76.9	590.9
62,5°	52.3	56.2	63.8	74.5	86.6	98.6	108.3	109.7	104.4	101.2	100.6	94.5	685.4
65,0°	59.7	61.2	65.1	74.3	85.2	94.9	101.5	100.6	94.0	90.2	89.6	105.6	791.0
67,5°	70.8	76.7	70.4	71.4	78.8	84.4	87.9	86.4	81.3	78.6	78.3	95.5	886.4
70,0°	69.5	84.7	76.7	65.7	68.6	73.5	76.3	74.7	70.1	67.6	67.4	61.9	948.4
72,5°	47.4	61.9	61.1	56.0	57.7	60.7	61.9	59.8	55.2	53.4	54.3	24.8	973.2
75,0°	31.9	36.3	40.3	42.5	47.6	45.9	45.5	43.5	40.1	38.7	40.0	10.9	984.1
77,5°	23.8	26.0	28.0	29.4	31.1	32.7	33.1	31.2	28.5	27.1	28.0	7.0	991.0
80,0°	15.7	16.7	17.9	18.7	18.9	19.5	19.8	18.6	17.3	16.5	16.4	4.8	995.8
82,5°	8.8	9.1	9.6	9.4	9.7	10.0	9.5	8.6	7.8	7.4	7.3	2.7	998.5
85,0°	3.9	3.8	3.7	3.5	3.2	2.9	2.8	2.8	2.7	2.7	2.7	1.1	999.6
87,5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	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>5XA779125D01AA</b> EAN: <b>4058352850923</b>	LP number <b>59241_44</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	158790	1334.7
95	234	251	151031	1226.1
90	216	248	142963	1128.3
85	200	245	134901	1042.2
80	184	242	127062	955.4
75	169	239	119040	874.9
70	156	236	111101	805.6
65	142	233	103021	731.9
60	129	229	95070	663.8
55	118	226	87308	607.1
50	104	221	79531	533.5
45	93	217	71590	476.9
40	81	212	63258	415.7
35	70	207	55392	358.8
30	60	201	47898	308.2
25	48	193	39331	247.7
20	39	185	32053	203.1
15	28	173	23541	149.1
10	19	159	15986	104.7
5	9	132	7991	56.3
1	2	77	2157	20.5

<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	---	---	---	---
90	214	248	137232	1109.6
90	212	248	136484	1098.9
85	196	245	128938	1012.8
80	180	242	121126	926.7
75	165	238	113594	846.8
70	151	235	105978	772.9
65	138	232	98325	704.8
60	126	228	91065	642.9
55	114	225	83216	579.8
50	101	220	76100	512.9
45	90	216	68258	457.1
40	79	211	60784	401.3
35	68	206	53142	345.0
30	58	200	45599	294.9
25	47	192	37851	240.2
20	37	184	30200	191.2
15	27	172	22512	142.4
10	18	157	15332	98.5
5	9	132	7919	55.6
1	2	77	2139	20.2

**Photometric test report**

<b>Family</b> Floodlight FL11	<b>Order number: 5XA779125D01AA</b> <b>EAN: 4058352850923</b>	<b>LP number</b> 59241_44
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**Luminousfluxs table**



Temperature °C	Luminous flux lm	Power consumption W
10.0	158790.0	1334.7
25.0	137740.0	1116.9