


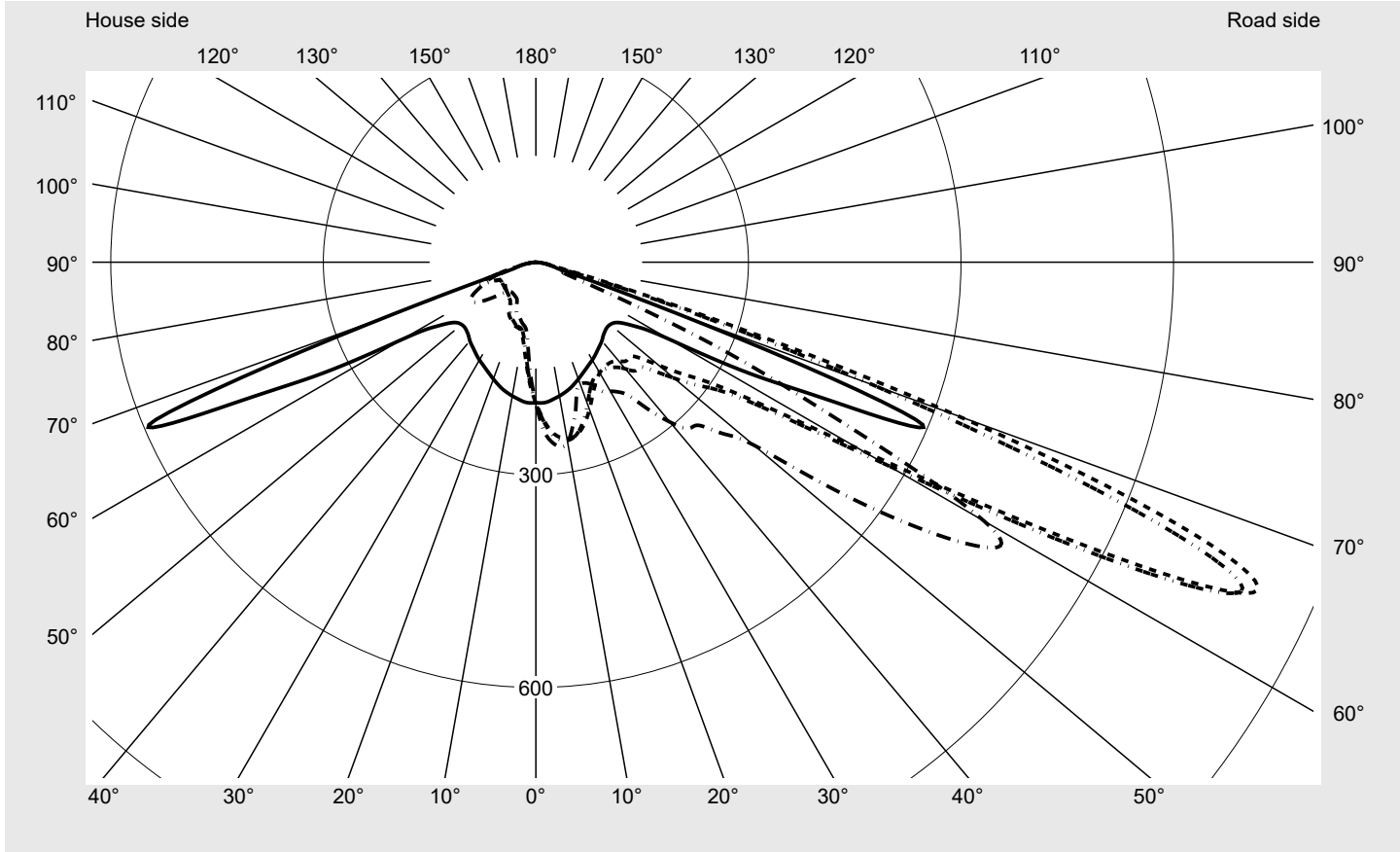
# Photometric test report

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779416D01BA</b> <b>EAN: 4058352607862</b>	<b>LP number</b> <b>59241_25</b>
	<b>Version</b> standard bracket <b>Optic</b> asymmetric distribution PL52 <b>Cover</b> toughened safety glass <b>Lamps</b> LED 4000 K   CRI ≥ 70 <b>Controlgear</b> ECG <b>Rated values</b> Ta = 10 °C Net luminous flux = 100220 lm Power consumption = 747.5 W Luminous efficacy = 134.1 lm/W	<b>serial documentation</b> <b>14.03.2023</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

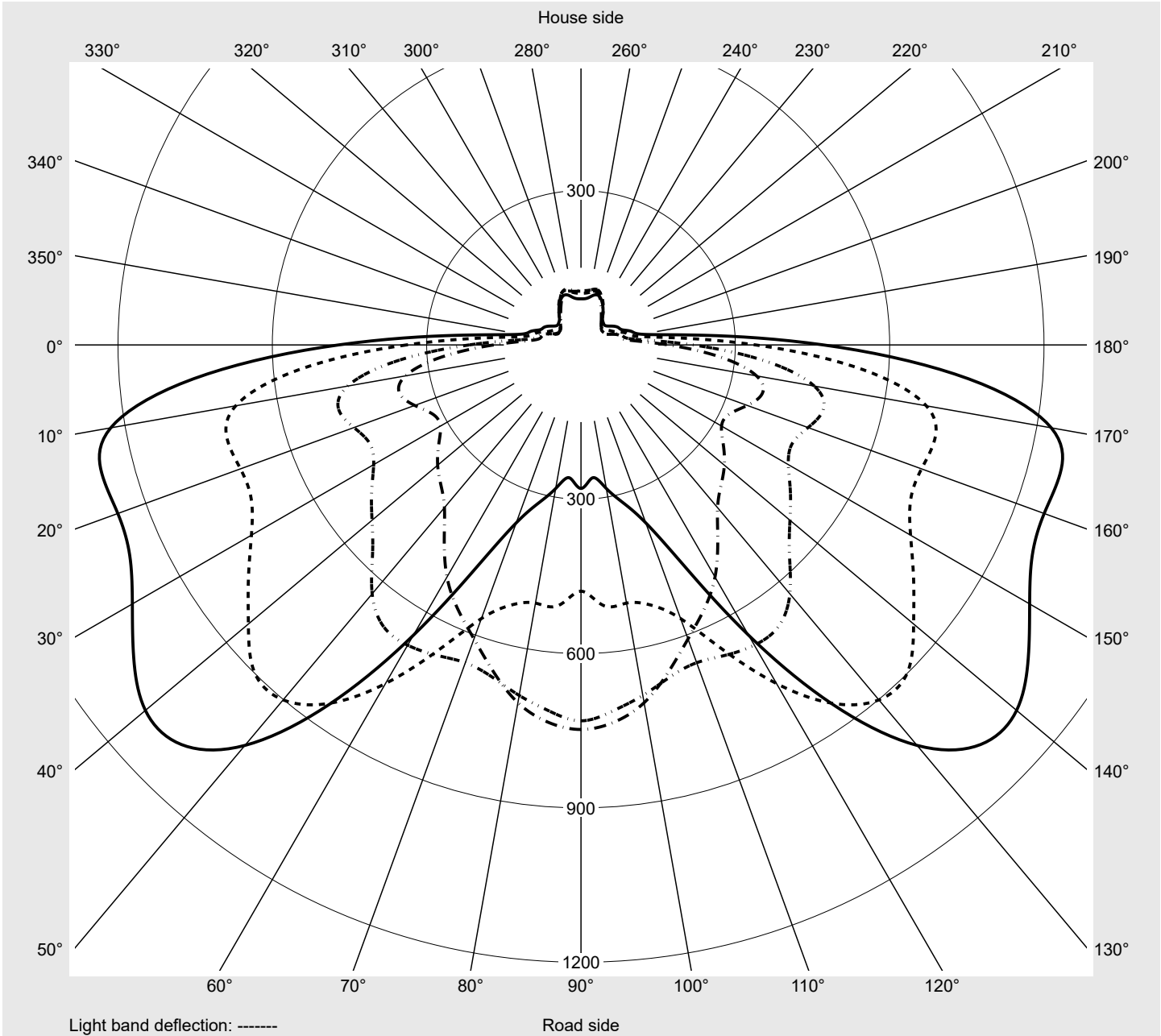
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

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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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<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°	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: 5XA779416D01BA</b> <b>EAN: 4058352607862</b>	<b>LP number</b> <b>59241_25</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°	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: 5XA779416D01BA</b> <b>EAN: 4058352607862</b>	<b>LP number</b> <b>59241_25</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°	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  
Floodlight FL11

Order number: 5XA779416D01BA  
EAN: 4058352607862

LP number  
59241\_25

## Dimming levels table

environmental temperature: 10°C

siteco

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	254	100220	747.5
95	237	95215	695.8
90	221	90291	647.8
85	205	85045	599.3
80	191	80316	557.4
75	176	75097	513.2
70	162	70063	471.9
65	149	65277	433.6
60	136	60281	395.7
55	122	54942	355.1
50	110	50056	320.3
45	98	45089	285.7
40	86	40014	251.3
35	75	35281	219.1
30	63	30087	185.6
25	52	25081	154.6
20	41	20010	123.8
15	30	14889	93.4
10	20	10132	65.9
5	9	4796	35.9
2	3	1845	18.6

## Dimming levels table

environmental temperature: 25°C

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	254	96720	742.3
95	236	91884	687.8
90	219	87001	636.8
85	203	82068	588.8
80	188	77235	544.4
75	174	72592	503.0
70	160	67788	461.8
65	146	62800	421.1
60	133	58111	383.1
55	120	53162	346.0
50	108	48374	311.4
45	96	43540	277.2
40	84	38633	242.4
35	73	33922	211.4
30	62	29230	180.7
25	51	24316	150.2
20	40	19323	119.7
15	29	14294	89.7
10	19	9548	62.5
5	9	4754	35.5
2	3	1831	18.4

**Photometric test report**

<b>Family</b> Floodlight FL11	<b>Order number: 5XA779416D01BA</b> <b>EAN: 4058352607862</b>	<b>LP number</b> 59241_25
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**Luminousfluxs table**



Temperature °C	Luminous flux lm	Power consumption W
10.0	100220.0	747.5
25.0	96720.0	742.3