
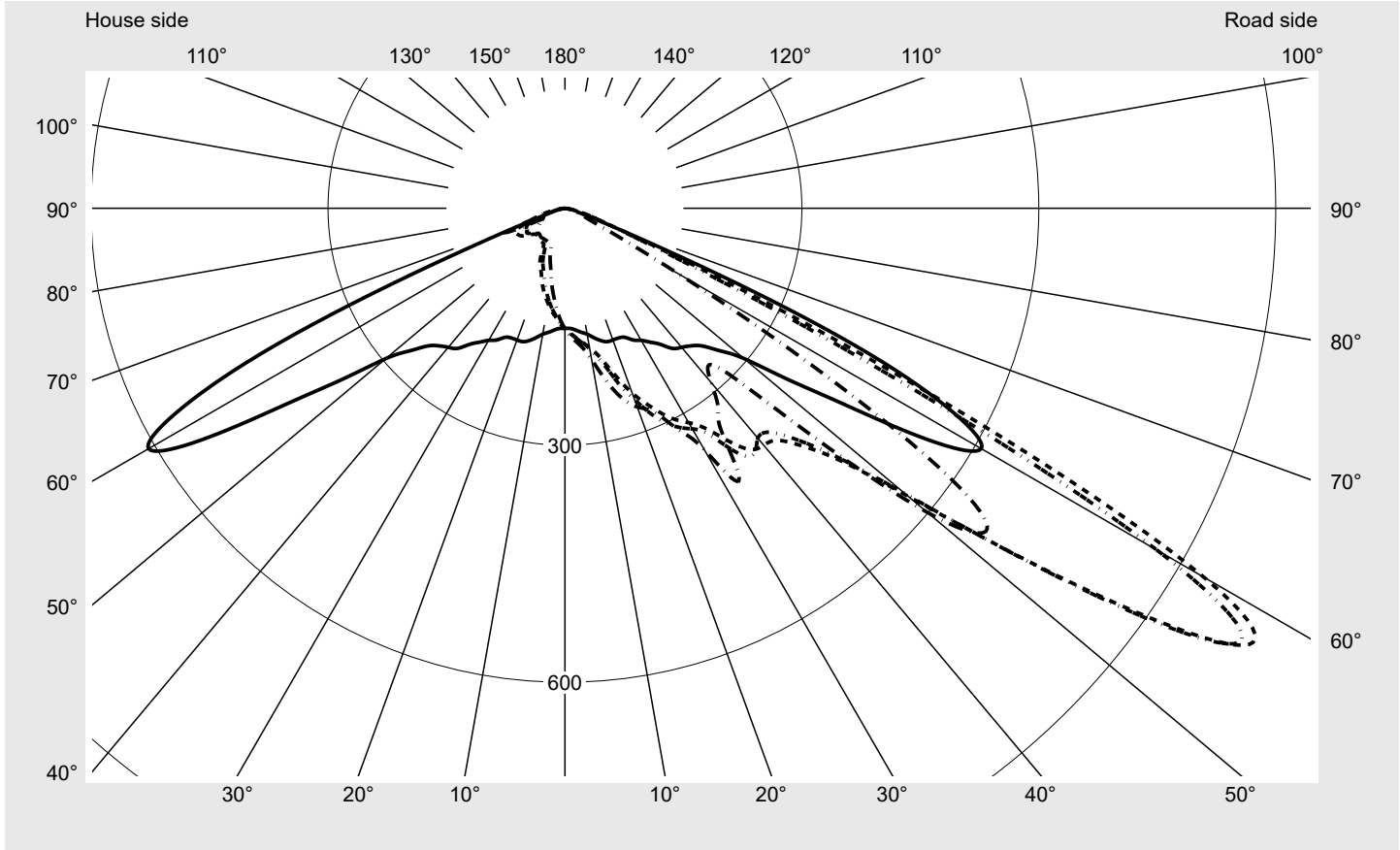


# Photometric test report

<b>Family</b> <b>Floodlight FL21 micro</b>	<b>Order number: 5XA7764A2A1A</b> <b>EAN: 4058352670248</b>	<b>LP number</b> <b>59324_20</b>
	<b>Version</b> mounting bracket <b>Optic</b> direct, asymmetric narrow distribution, asymmetric wide distribution A430002 <b>Cover</b> toughened safety glass <b>Lamps</b> LED 3000 K   CRI ≥ 70 <b>Controlgear</b> ECG-DALI CLO <b>Rated values</b> Net luminous flux = 3060 lm Power consumption = 23.9 W Luminous efficacy = 128 lm/W	<b>serial documentation</b> <b>15.07.2022</b>



**Luminous intensity in cd/klm** C180-0 C220-40 C225-45 C270-90 **Imax: 1028 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:	G6
Imax 70°	56.8
Imax 80°	12.2
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

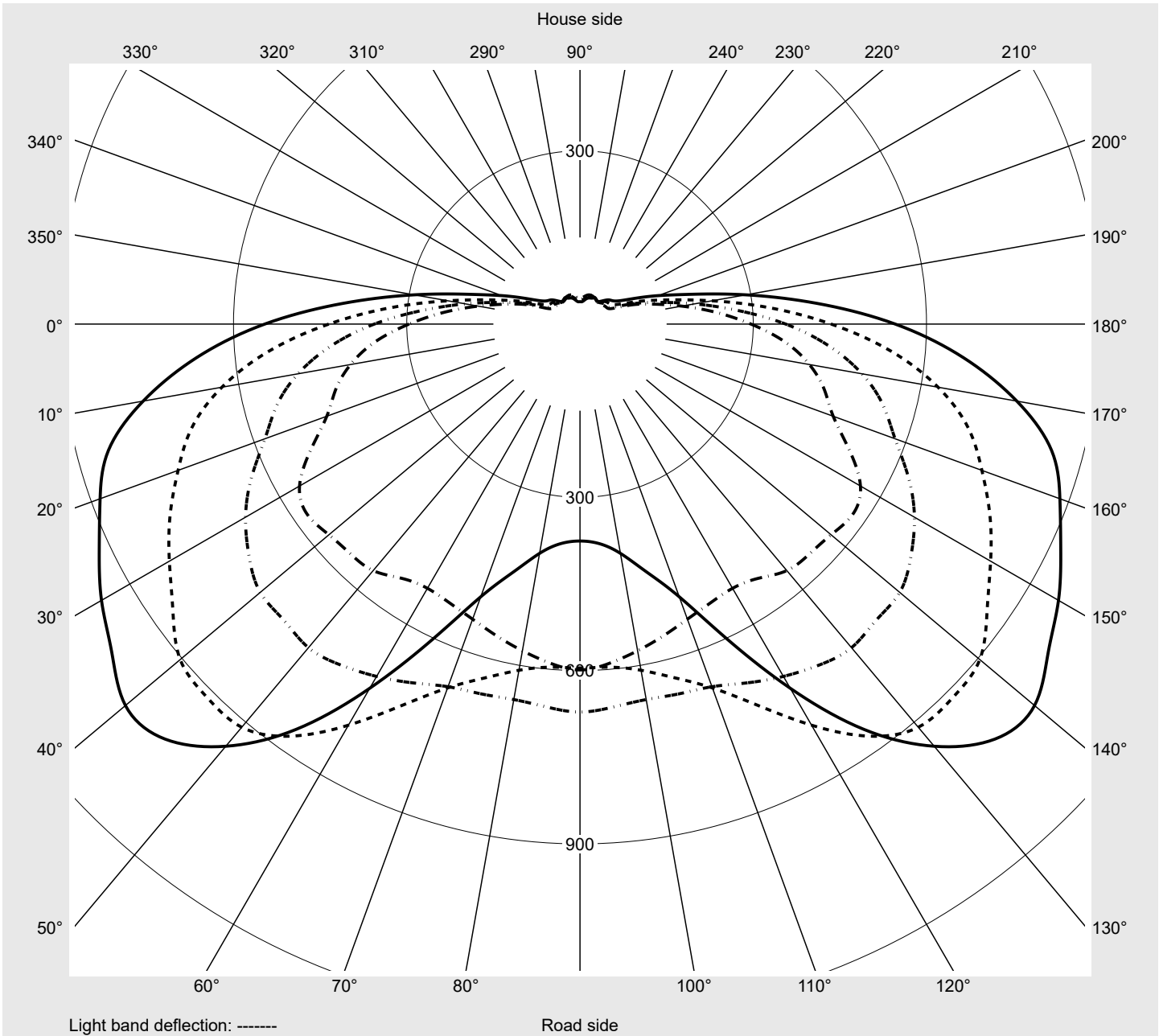
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> <b>Floodlight FL21 micro</b>	<b>Order number: 5XA7764A2A1A</b> <b>EAN: 4058352670248</b>	<b>LP number</b> <b>59324_20</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> Floodlight FL21 micro	<b>Order number: 5XA7764A2A1A</b> <b>EAN: 4058352670248</b>	<b>LP number</b> 59324_20
<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°	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2
2,5°	152.3	153.0	153.7	154.6	155.3	156.3	157.0	157.8	158.3	158.8	159.4	159.9	160.3
5,0°	154.8	156.4	157.9	159.2	160.4	161.7	162.8	163.8	164.6	165.3	166.1	166.8	167.4
7,5°	158.3	160.7	162.8	164.5	166.0	167.4	168.9	170.2	171.2	172.2	173.1	174.2	175.2
10,0°	161.9	165.2	167.7	169.8	171.5	173.3	175.1	177.1	178.9	180.6	182.3	184.6	186.8
12,5°	167.7	171.2	174.2	176.3	178.7	180.7	183.5	186.4	189.6	193.9	198.1	201.5	204.5
15,0°	173.2	177.5	180.9	183.3	185.9	189.5	193.7	199.5	206.4	212.2	217.8	222.1	224.9
17,5°	177.1	182.4	186.7	190.2	193.7	198.9	206.9	217.3	227.3	236.6	241.4	244.7	246.6
20,0°	177.5	184.8	190.4	195.2	200.4	207.6	220.3	234.4	249.1	257.8	264.4	266.4	264.0
22,5°	177.7	187.1	194.4	200.5	207.2	218.0	233.3	252.2	267.4	280.2	286.9	283.9	276.1
25,0°	180.4	191.8	199.9	206.4	213.8	226.3	244.2	265.8	285.4	299.0	301.2	296.2	287.2
27,5°	188.1	200.6	209.2	215.8	223.8	236.9	257.5	280.9	301.2	312.6	313.9	308.8	301.6
30,0°	193.1	209.1	219.9	227.7	236.0	250.6	271.7	293.7	313.5	322.6	325.6	325.1	320.8
32,5°	201.0	221.2	235.2	244.9	255.0	271.6	292.4	314.0	330.1	339.4	345.2	350.9	361.4
35,0°	210.2	237.3	255.5	267.6	281.5	300.6	322.7	345.2	359.0	376.4	398.4	422.1	433.1
37,5°	223.6	254.8	273.0	282.1	291.2	307.6	340.0	368.9	384.9	392.6	407.4	414.1	406.9
40,0°	229.7	265.6	288.3	302.2	314.2	335.8	372.7	393.1	391.6	380.1	387.7	395.5	385.4
42,5°	236.2	272.1	298.8	316.0	330.4	357.6	397.9	410.2	398.4	384.8	386.4	388.5	373.9
45,0°	246.7	287.3	317.1	337.4	354.7	391.9	438.4	444.4	425.8	413.9	406.8	395.1	374.0
47,5°	267.4	312.7	349.1	374.8	397.0	442.8	491.3	494.2	472.5	464.7	453.0	428.7	407.6
50,0°	296.0	356.6	403.4	438.0	466.6	514.2	560.8	575.9	567.6	562.4	557.2	537.5	528.3
52,5°	356.2	432.5	495.8	543.5	580.6	627.5	668.7	699.7	722.8	725.3	731.5	721.0	704.4
55,0°	435.0	541.1	629.6	696.2	740.6	783.2	821.0	860.8	903.7	913.7	911.3	871.0	801.9
57,5°	545.9	666.4	768.1	845.4	884.3	918.5	956.8	989.9	1027.5	1016.2	954.2	856.5	728.1
60,0°	608.6	730.6	824.8	896.5	919.4	933.1	940.4	948.8	934.3	866.0	760.2	619.5	467.5
62,5°	545.3	656.2	724.2	765.9	757.5	731.9	698.8	668.4	601.9	505.0	395.9	301.2	215.6
65,0°	378.6	423.0	450.1	456.4	434.8	398.6	363.7	333.3	275.5	216.2	163.7	135.3	103.7
67,5°	139.6	158.6	161.6	157.4	150.7	139.6	130.7	125.0	108.3	94.3	80.9	68.1	55.2
70,0°	44.6	46.3	46.2	46.5	48.0	49.2	51.5	53.6	54.7	54.9	52.8	50.0	45.0
72,5°	20.8	21.6	21.3	21.5	23.1	24.5	26.2	29.2	32.7	36.1	38.4	36.7	32.9
75,0°	16.0	17.1	16.2	15.9	16.8	17.3	18.6	21.0	22.6	23.0	23.4	23.7	22.3
77,5°	12.8	13.1	11.7	11.2	11.5	11.8	12.5	13.3	13.8	13.4	13.3	13.8	13.9
80,0°	8.4	7.4	6.6	6.2	6.5	7.0	7.1	7.4	7.6	7.6	7.5	7.5	7.4
82,5°	3.3	3.1	2.8	2.9	3.0	3.1	3.3	3.4	3.5	3.5	3.4	3.2	3.4
85,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1
87,5°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6
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 FL21 micro</b>	<b>Order number: 5XA7764A2A1A</b> <b>EAN: 4058352670248</b>	<b>LP number</b> <b>59324_20</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°	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2
2,5°	160.6	160.8	161.1	161.4	161.7	161.8	151.4	150.4	149.6	148.7	148.0	147.2	146.5
5,0°	167.7	168.2	168.9	169.5	169.9	170.1	153.1	151.1	148.8	146.6	144.5	142.3	140.0
7,5°	175.8	176.4	177.3	178.3	179.1	179.3	155.5	152.3	148.8	145.0	141.2	137.8	134.3
10,0°	188.5	190.1	191.4	193.0	194.2	194.6	158.3	153.9	148.5	143.2	137.9	132.8	127.6
12,5°	207.2	209.5	211.6	213.6	215.4	215.9	162.8	156.8	149.6	142.6	135.1	127.8	120.8
15,0°	227.5	230.2	232.6	234.9	237.1	237.9	167.0	159.0	150.4	141.3	132.0	122.9	114.2
17,5°	247.3	247.7	249.2	251.5	254.6	255.8	168.8	159.6	148.3	137.5	126.9	116.7	106.5
20,0°	260.1	257.7	258.4	260.9	265.1	267.7	167.5	155.5	143.0	130.9	119.3	108.2	97.1
22,5°	269.1	264.8	264.9	267.5	272.7	276.0	164.8	151.0	136.6	123.6	111.4	99.7	89.3
25,0°	279.2	274.8	275.5	279.8	287.5	292.4	165.4	158.3	132.9	118.3	104.6	92.9	83.6
27,5°	294.3	291.5	294.7	303.4	313.8	318.9	170.3	150.8	132.1	115.3	100.6	89.2	78.3
30,0°	316.4	316.4	323.0	335.2	348.1	353.2	172.7	152.5	132.6	113.6	98.3	85.8	67.3
32,5°	366.6	368.8	377.4	392.0	404.2	409.3	175.9	152.6	132.3	113.5	97.8	79.5	57.2
35,0°	418.3	389.2	363.8	354.3	349.9	346.8	181.1	155.2	133.0	113.5	95.0	67.7	54.0
37,5°	383.2	357.6	344.1	337.1	323.5	318.7	188.0	158.6	133.0	112.1	86.7	58.6	52.8
40,0°	358.5	327.8	311.7	296.1	289.1	288.0	190.3	157.7	130.6	108.0	72.1	56.0	51.9
42,5°	339.3	306.9	286.3	272.3	269.4	269.6	192.1	157.2	129.4	104.8	67.7	56.1	51.9
45,0°	340.2	312.0	299.3	295.5	300.3	305.2	198.5	158.5	127.1	100.4	65.4	56.0	51.8
47,5°	391.0	388.0	392.3	406.5	423.4	433.8	212.7	165.8	123.3	98.4	65.5	55.5	52.2
50,0°	533.1	543.7	558.7	574.4	589.4	598.8	235.6	179.0	133.3	98.3	65.3	55.1	53.4
52,5°	685.4	668.2	662.8	660.2	665.4	671.8	273.1	201.6	145.0	105.7	72.9	58.3	56.2
55,0°	728.4	670.4	634.1	608.6	596.4	595.5	328.0	232.1	161.8	117.4	84.6	67.1	61.8
57,5°	601.1	502.5	444.1	403.1	381.6	375.6	411.7	291.6	199.2	144.0	105.7	81.2	70.2
60,0°	350.7	269.8	222.6	190.8	173.2	166.1	469.5	341.1	239.3	169.8	121.1	89.6	74.0
62,5°	160.1	123.8	98.7	80.3	69.1	64.9	435.8	324.6	239.9	176.3	122.8	91.3	73.9
65,0°	80.8	64.0	45.1	36.5	32.8	32.8	290.9	224.9	173.3	132.3	102.5	77.3	69.5
67,5°	48.3	42.3	33.9	30.0	27.2	26.2	104.6	83.1	83.7	71.8	60.3	54.1	59.0
70,0°	38.8	32.2	27.1	23.2	20.6	19.6	32.8	27.7	30.9	33.7	32.9	34.2	44.2
72,5°	28.8	24.2	20.4	17.9	16.2	14.9	20.5	19.6	19.5	20.5	20.3	22.1	31.4
75,0°	20.5	17.6	14.5	12.5	12.1	11.1	15.4	14.4	14.2	14.7	14.1	15.7	23.2
77,5°	13.5	11.8	9.9	9.0	8.9	8.4	12.4	10.2	9.7	9.9	9.6	10.8	16.0
80,0°	7.3	6.5	5.5	5.0	4.5	4.3	7.2	5.7	5.4	5.9	5.6	6.3	9.6
82,5°	3.1	2.7	2.5	2.3	2.1	2.1	3.0	2.8	2.5	2.7	2.8	2.8	4.0
85,0°	1.0	1.0	1.0	0.9	0.9	0.9	1.3	1.3	1.3	1.2	1.2	1.2	1.1
87,5°	0.6	0.6	0.5	0.5	0.5	0.5	0.9	0.9	1.0	1.0	1.0	0.9	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

Family <b>Floodlight FL21 micro</b>	Order number: <b>5XA7764A2A1A</b> EAN: <b>4058352670248</b>	LP number <b>59324_20</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
$\gamma$	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0,0°	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	0.2	0.2
2,5°	145.7	144.9	144.1	143.4	142.8	142.3	141.8	141.3	140.8	140.6	140.5	1.8	2.0
5,0°	137.7	135.7	133.8	132.1	130.6	129.3	128.2	127.2	126.5	126.0	125.9	3.6	5.6
7,5°	130.8	127.4	124.1	121.2	118.5	116.2	114.2	112.7	111.7	111.1	111.0	5.4	11.0
10,0°	122.6	118.0	113.7	109.8	106.3	103.4	101.0	99.0	97.6	96.8	96.6	7.2	18.2
12,5°	114.3	108.4	103.1	98.2	93.9	90.3	87.3	84.9	83.3	82.4	82.1	9.2	27.4
15,0°	106.0	98.6	92.1	86.5	81.9	78.5	75.8	73.8	72.6	71.9	71.7	11.3	38.6
17,5°	96.8	88.4	81.9	77.1	73.2	69.9	67.1	64.8	63.1	62.3	62.0	13.4	52.1
20,0°	87.6	80.4	74.5	68.2	61.9	57.2	54.2	52.5	51.6	51.3	51.2	15.5	67.5
22,5°	81.1	73.1	63.5	55.5	51.8	50.5	49.8	49.4	49.1	49.0	49.0	17.5	85.1
25,0°	74.8	63.3	54.3	51.2	50.2	49.5	49.0	48.6	48.2	48.0	48.0	19.8	104.9
27,5°	64.0	53.7	51.1	50.3	49.7	49.1	48.5	48.1	47.6	47.4	47.4	22.4	127.3
30,0°	53.7	51.2	50.3	50.0	49.6	49.0	48.5	48.0	47.5	47.1	47.1	25.4	152.7
32,5°	51.9	50.5	50.1	50.0	49.6	49.2	48.7	48.2	47.6	47.1	47.1	29.5	182.2
35,0°	51.5	50.3	49.9	49.7	49.6	49.3	49.1	48.6	48.0	47.2	47.1	33.1	215.2
37,5°	50.8	49.9	49.5	49.5	49.4	49.3	49.4	49.1	48.5	47.5	47.4	35.0	250.3
40,0°	49.8	49.2	48.8	49.0	49.2	49.6	50.0	49.9	49.0	47.8	47.5	36.5	286.7
42,5°	49.3	48.3	48.1	48.5	49.4	50.0	50.6	49.9	48.7	47.1	46.6	38.2	325.0
45,0°	48.8	47.6	47.5	48.4	49.5	49.9	50.2	50.1	48.6	46.6	45.9	42.0	367.0
47,5°	49.1	47.5	47.5	48.5	49.2	50.4	51.2	51.7	49.7	46.9	46.3	49.8	416.7
50,0°	51.0	48.7	48.4	48.6	50.2	52.5	53.3	52.1	49.0	46.1	45.3	63.0	479.8
52,5°	54.8	51.7	49.3	49.5	51.9	52.9	53.0	50.8	47.0	44.2	43.3	79.3	559.1
55,0°	59.7	55.4	50.8	50.4	52.4	52.1	51.1	48.6	44.2	41.5	40.5	93.7	652.8
57,5°	65.1	57.4	50.9	49.9	51.7	49.6	48.1	45.9	41.8	38.9	38.8	99.5	752.3
60,0°	67.5	55.2	49.8	48.4	48.8	47.2	44.9	43.5	39.8	37.2	37.4	90.6	843.0
62,5°	69.4	54.7	48.1	45.0	45.1	44.3	43.1	42.3	39.8	37.0	36.9	68.1	911.1
65,0°	68.9	53.6	45.3	41.5	42.3	42.6	41.8	41.0	38.0	35.5	35.9	41.0	952.1
67,5°	61.5	48.1	40.4	38.0	39.8	41.1	40.2	38.2	34.3	38.8	79.9	19.3	971.4
70,0°	49.3	40.7	35.6	34.2	36.8	38.4	36.3	32.5	27.8	26.1	56.8	10.1	981.6
72,5°	38.9	34.9	31.3	30.1	32.4	33.8	30.8	25.4	20.2	20.4	27.1	6.9	988.4
75,0°	30.5	29.4	26.0	26.3	28.5	26.6	20.9	14.4	12.0	13.0	14.0	5.0	993.5
77,5°	22.1	22.1	17.8	15.8	18.7	18.8	15.1	9.0	7.9	7.5	7.5	3.4	996.9
80,0°	12.2	11.5	9.8	9.5	8.6	5.6	5.0	4.0	3.4	3.4	3.3	1.8	998.7
82,5°	4.8	4.0	3.6	3.1	2.4	1.7	1.6	1.3	1.1	1.0	1.0	0.8	999.5
85,0°	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.3	999.8
87,5°	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	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 FL21 micro	<b>Order number: 5XA7764A2A1A</b> <b>EAN: 4058352670248</b>	<b>LP number</b> 59324_20
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
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Luminous flux [%]	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]start of lifetime	Power consumption [W]end of lifetime	Power consumption [W]average
100	254	254	3060	23.9	24.5	24.2
95	240	252	2912	22.5	23.2	22.8
90	225	250	2752	21.2	21.8	21.5
85	211	247	2599	20.0	20.5	20.2
80	197	245	2445	18.7	19.3	19.0
75	184	242	2299	17.6	18.1	17.8
70	170	239	2140	16.3	16.8	16.6
65	157	236	1990	15.2	15.6	15.4
60	144	233	1839	14.1	14.5	14.3
55	131	230	1685	12.9	13.3	13.1
50	118	226	1529	11.8	12.1	12.0
45	106	222	1383	10.8	11.1	11.0
40	93	217	1223	9.7	9.9	9.8
35	81	212	1074	8.6	8.8	8.7
30	69	206	923	7.7	7.9	7.8
25	57	199	770	6.6	6.8	6.7
20	45	191	615	5.7	5.8	5.8
18	40	186	549	5.3	5.4	5.4