
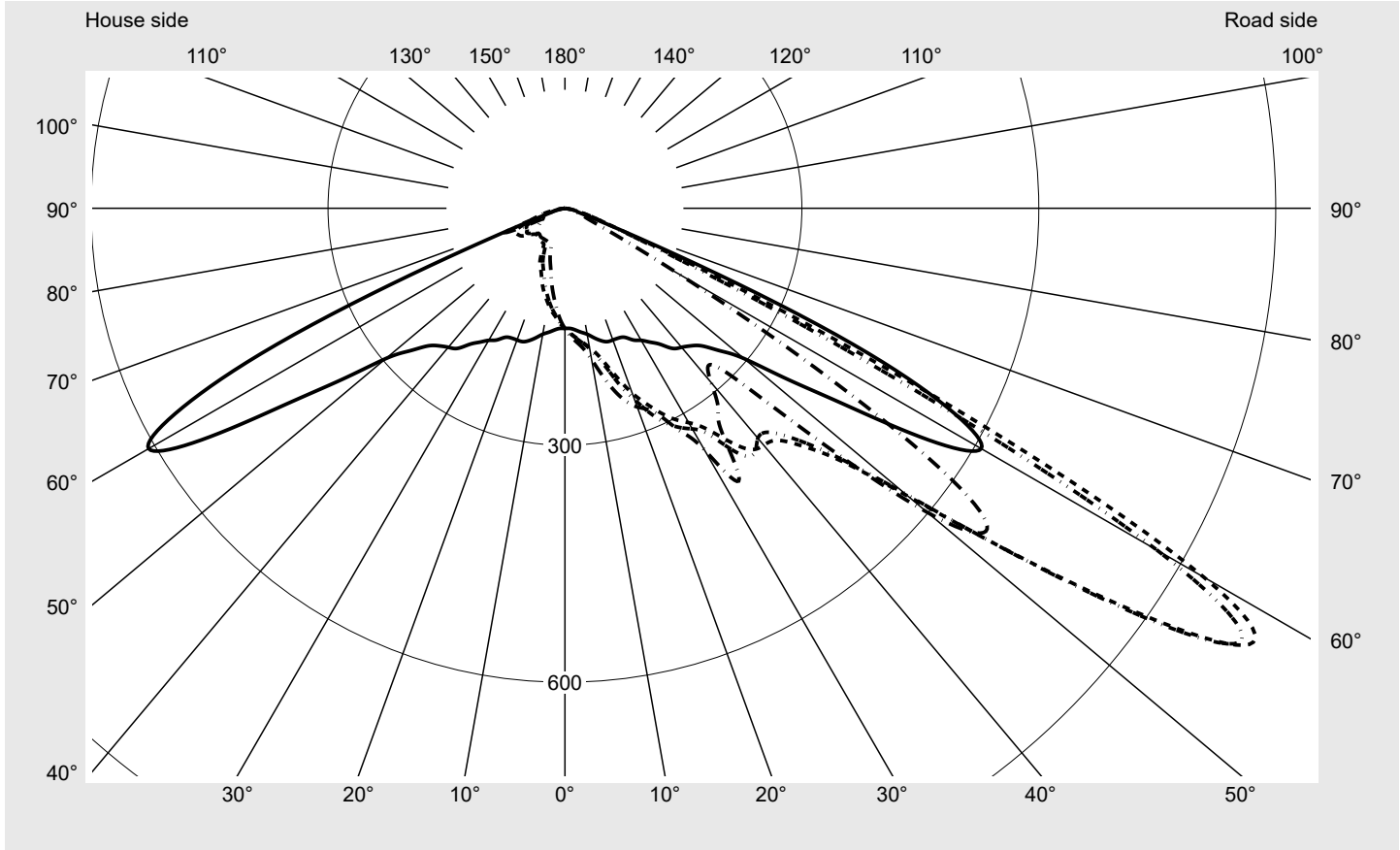


Photometric test report

Family Floodlight FL21 micro	Order number: 5XA7764A4A1A EAN: 4058352670262	LP number 59324_19
	Version mounting bracket Optic asymmetric distribution PL43 Cover toughened safety glass Lamps LED 4000 K CRI ≥ 70 Controlgear ECG-DALI CLO Rated values Net luminous flux = 3180 lm Power consumption = 23.9 W Luminous efficacy = 133.1 lm/W	serial documentation 15.07.2022



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

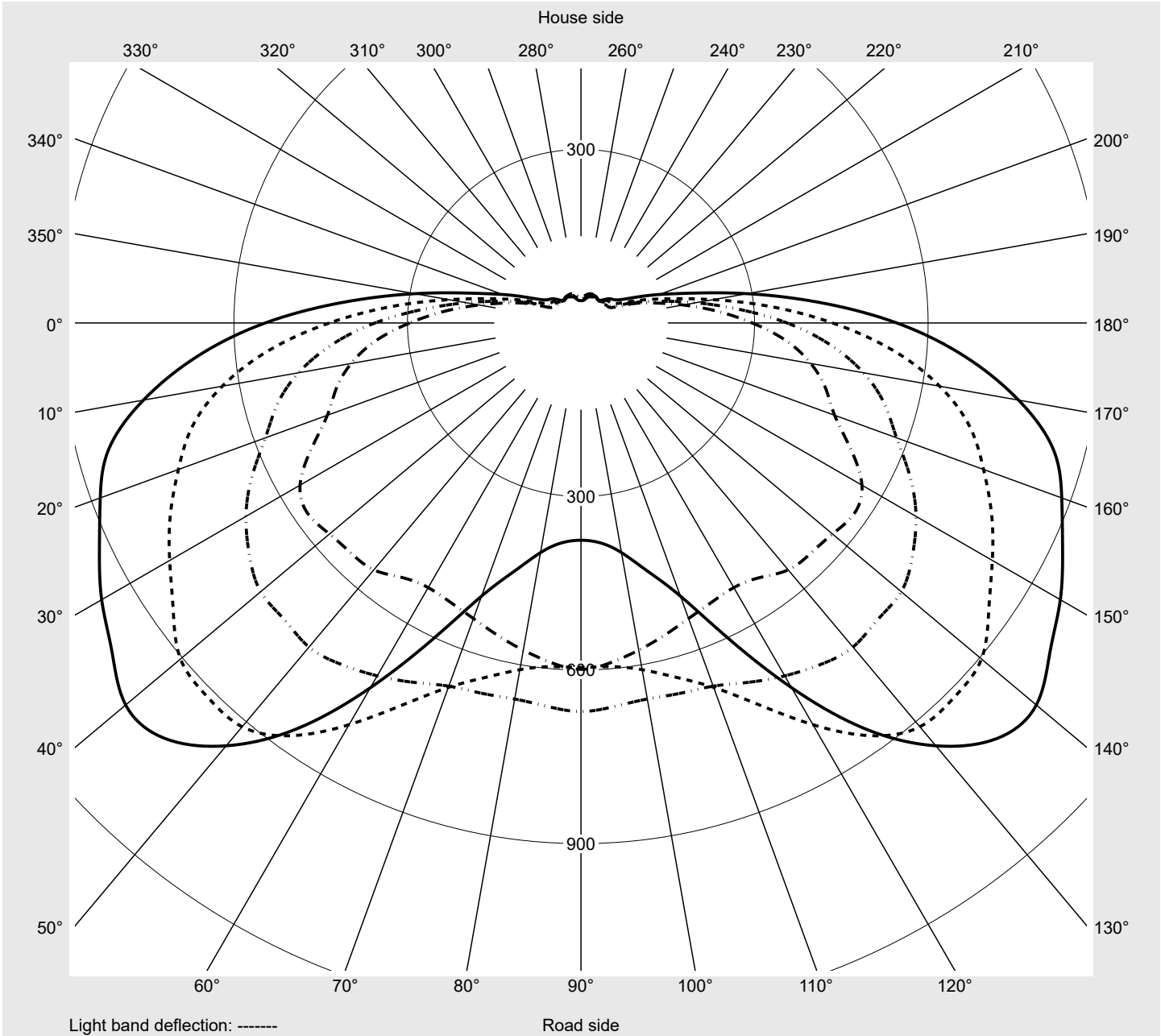
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight FL21 micro	Order number: 5XA7764A4A1A EAN: 4058352670262	LP number 59324_19
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Envelope curve in cd/klm **KMK 57.5°** **KMK 55°** **KMK 52.5°** **KMK 50°**



Photometric test report

Family Floodlight FL21 micro	Order number: 5XA7764A4A1A EAN: 4058352670262	LP number 59324_19
Table of values for luminous intensities		Maximum luminous intensity
		siteco

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

Family Floodlight FL21 micro	Order number: 5XA7764A4A1A EAN: 4058352670262	LP number 59324_19
Table of values for luminous intensities		Maximum luminous intensity

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°
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 Floodlight FL21 micro	Order number: 5XA7764A4A1A EAN: 4058352670262	LP number 59324_19
Table of values for luminous intensities		Maximum luminous intensity
		siteco

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°	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

Family Floodlight FL21 micro	Order number: 5XA7764A4A1A EAN: 4058352670262	LP number 59324_19
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Dimming levels table	environmental temperature: 25°C	siteco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	3180	23.9	24.5	24.2
95	240	252	3026	22.5	23.2	22.8
90	225	250	2859	21.2	21.8	21.5
85	211	247	2701	20.0	20.5	20.2
80	197	245	2540	18.7	19.3	19.0
75	184	242	2388	17.6	18.1	17.8
70	170	239	2223	16.3	16.8	16.6
65	157	236	2067	15.2	15.6	15.4
60	144	233	1910	14.1	14.5	14.3
55	131	230	1750	12.9	13.3	13.1
50	118	226	1588	11.8	12.1	12.0
45	106	222	1436	10.8	11.1	11.0
40	93	217	1270	9.7	9.9	9.8
35	81	212	1115	8.6	8.8	8.7
30	69	206	958	7.7	7.9	7.8
25	57	199	799	6.6	6.8	6.7
20	45	191	639	5.7	5.8	5.8
18	40	186	570	5.3	5.4	5.4