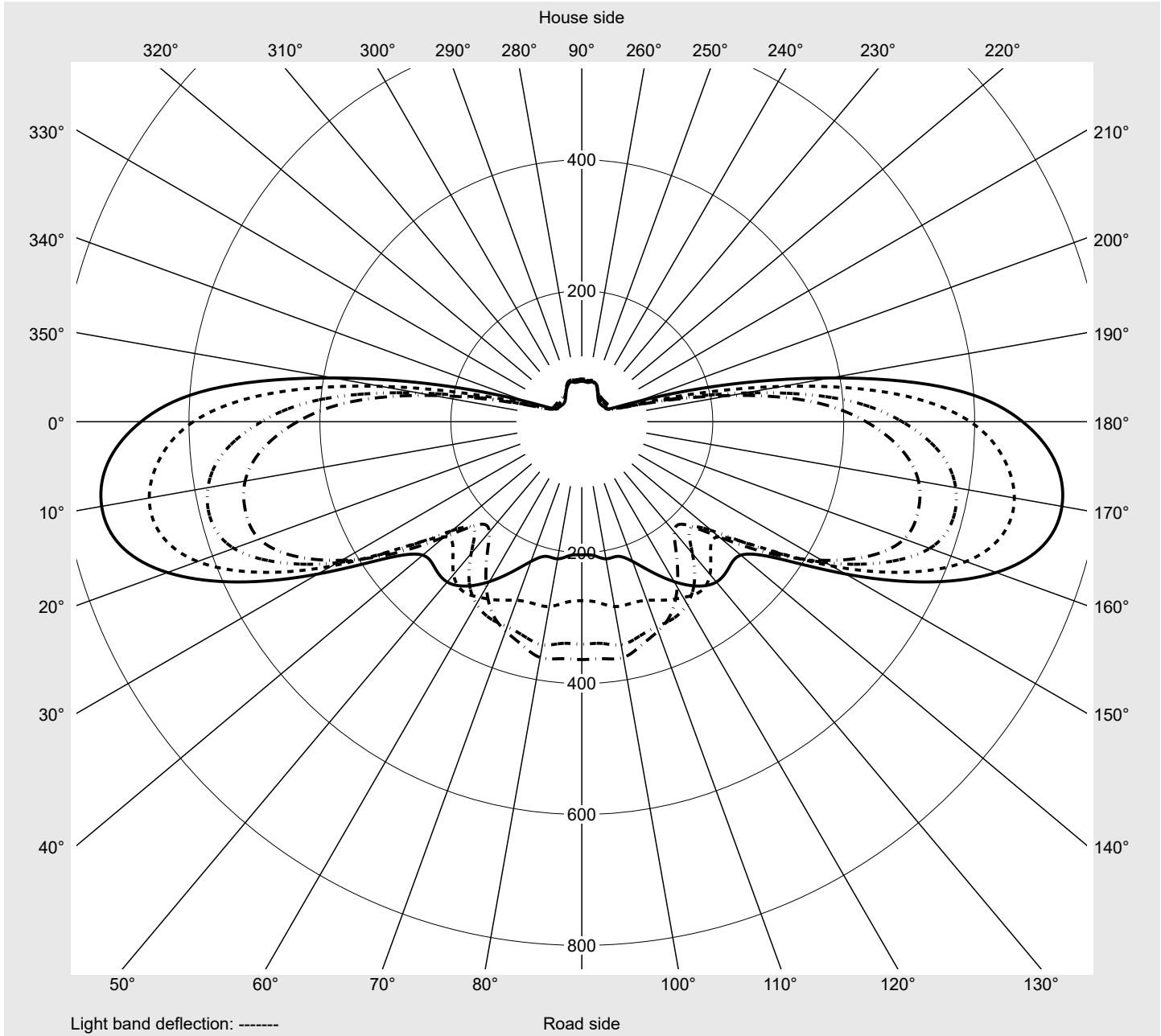


Photometric test report

Family Floodlight FL21 midi	Order number: 5XA7782E3C1A EAN: 4058352853689	LP number 58550_147
Envelope curve in cd/klm	KMK 65° KMK 62,5° KMK 60° KMK 57,5°	siteco



Photometric test report

Family Floodlight FL21 midi	Order number: 5XA7782E3C1A EAN: 4058352853689	LP number 58550_147
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°	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5
2,5°	239.2	240.6	242.2	243.7	245.4	247.0	248.5	249.7	250.8	251.8	252.8	253.7	254.4
5,0°	239.5	242.7	245.9	249.0	251.9	254.7	257.2	259.4	261.3	263.0	264.5	265.8	266.9
7,5°	239.6	244.5	249.0	253.2	257.1	260.7	264.0	266.7	269.0	270.9	272.5	273.9	275.0
10,0°	240.7	247.3	253.2	258.3	262.9	266.8	270.2	272.8	274.8	276.2	277.6	279.1	280.5
12,5°	242.1	250.3	257.5	263.6	268.7	272.8	276.1	278.5	280.3	281.7	282.9	284.2	285.5
15,0°	243.2	253.2	261.6	268.3	273.6	277.7	281.0	283.8	286.1	287.9	289.3	290.5	291.6
17,5°	244.4	256.2	265.8	273.1	278.6	282.6	286.0	288.9	291.7	294.1	296.3	298.1	299.7
20,0°	247.2	262.0	273.1	280.6	285.3	288.9	292.0	294.9	297.5	300.4	303.7	306.4	308.1
22,5°	250.6	267.7	280.5	289.0	293.0	295.6	299.1	302.4	305.2	308.2	312.1	315.5	317.9
25,0°	253.7	271.8	285.2	293.6	298.4	302.0	305.7	309.5	313.2	316.6	319.7	323.6	326.3
27,5°	259.5	280.4	295.5	304.9	310.5	314.1	316.1	318.8	322.5	326.2	329.4	331.8	333.4
30,0°	262.3	285.3	301.7	311.7	318.2	323.2	326.6	328.9	330.9	334.2	335.4	334.9	332.8
32,5°	266.9	291.7	309.3	319.4	325.5	330.3	334.7	338.2	339.3	338.9	336.5	331.7	325.8
35,0°	273.0	300.4	319.1	330.7	337.7	342.5	346.3	348.7	347.4	340.9	331.9	324.2	315.2
37,5°	280.8	310.7	331.0	344.1	352.2	356.8	359.5	358.9	351.7	339.1	323.9	313.3	300.6
40,0°	291.0	324.4	346.4	360.2	368.8	374.4	376.5	369.9	354.1	333.7	312.4	293.8	275.9
42,5°	303.8	340.0	363.4	378.0	386.3	391.3	391.2	378.8	354.2	323.4	294.1	267.2	243.1
45,0°	316.2	356.0	380.1	394.5	403.2	407.8	401.4	380.8	347.9	309.8	273.1	238.7	207.4
47,5°	333.1	374.5	399.2	413.4	421.6	424.7	412.0	378.8	338.2	294.3	248.5	208.9	176.1
50,0°	349.4	394.1	420.1	434.7	442.0	440.1	418.4	377.5	326.4	275.1	222.7	184.4	169.2
52,5°	371.1	416.7	444.9	459.9	464.5	452.4	419.9	370.6	310.9	252.5	204.0	186.7	195.6
55,0°	396.9	446.5	476.8	490.8	491.6	467.2	422.8	361.7	293.9	233.1	204.4	210.0	235.1
57,5°	434.2	490.3	522.2	531.6	524.1	485.2	423.4	351.0	274.1	222.1	219.9	252.9	291.6
60,0°	489.5	549.8	579.9	585.8	565.7	508.8	430.4	338.9	258.8	233.1	262.9	299.7	321.7
62,5°	593.3	647.0	670.9	665.5	624.4	544.2	440.8	335.5	273.5	278.1	304.7	316.3	310.1
65,0°	673.3	726.9	744.7	729.6	673.5	579.4	465.3	363.6	317.2	316.8	319.7	306.5	282.1
67,5°	692.3	734.5	738.2	706.3	642.7	556.8	463.7	382.3	347.7	336.9	316.9	279.9	236.1
70,0°	629.0	640.5	619.1	578.0	519.0	457.0	394.4	353.3	340.5	324.9	286.4	233.9	198.5
72,5°	327.9	325.8	291.9	301.0	323.1	314.1	287.3	268.5	257.1	233.5	204.7	182.0	158.1
75,0°	97.0	63.1	54.8	75.1	154.3	189.6	178.5	152.6	113.5	87.4	107.1	102.2	86.8
77,5°	32.8	28.1	25.1	25.4	52.2	80.6	76.8	38.5	23.7	25.5	35.7	35.5	32.3
80,0°	20.7	17.4	17.1	16.6	19.5	24.8	19.4	13.3	12.8	13.0	14.2	16.7	16.3
82,5°	10.1	9.1	9.8	10.2	9.5	9.2	8.9	7.5	7.6	7.7	7.4	8.2	8.6
85,0°	3.6	3.2	3.4	3.4	3.3	3.4	3.4	3.4	3.4	3.4	3.2	3.2	3.1
87,5°	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
150,0°	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
160,0°	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
170,0°	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
180,0°	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 midi	Order number: 5XA7782E3C1A EAN: 4058352853689	LP number 58550_147
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°	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5
2,5°	255.0	255.6	256.1	256.5	256.9	257.0	237.6	236.0	234.3	232.7	231.2	229.8	228.5
5,0°	267.7	268.3	269.0	269.7	270.2	270.3	236.0	232.3	228.7	225.1	221.6	218.2	215.0
7,5°	275.7	276.2	276.8	277.5	278.0	278.2	234.1	228.5	222.8	217.2	211.7	206.5	201.3
10,0°	281.4	282.1	282.9	283.9	284.6	284.9	233.4	225.6	217.7	209.9	202.2	194.8	187.6
12,5°	286.9	288.2	289.4	290.5	291.4	291.7	232.7	222.8	212.6	202.7	192.8	183.2	173.6
15,0°	293.1	295.1	297.1	298.7	299.6	299.8	231.8	219.5	207.0	194.8	182.8	171.1	159.1
17,5°	301.1	303.2	305.8	307.7	308.7	309.1	230.8	216.0	201.1	186.5	171.9	157.5	143.0
20,0°	309.2	310.8	313.6	315.4	316.0	316.0	230.5	213.1	195.5	178.2	160.7	143.4	127.2
22,5°	318.3	319.3	321.7	324.1	324.3	324.1	231.1	210.8	190.3	170.2	149.8	130.0	112.4
25,0°	327.4	327.5	328.5	330.3	329.8	329.1	232.1	208.5	184.8	161.1	138.0	116.2	95.6
27,5°	332.5	329.9	328.9	329.9	328.0	325.9	234.0	206.8	179.1	151.6	124.4	97.9	81.4
30,0°	329.4	323.9	321.5	321.3	317.4	313.1	234.1	203.6	172.4	141.4	106.9	82.4	76.2
32,5°	319.2	312.0	307.3	304.1	295.6	290.9	235.8	201.7	166.6	129.7	91.2	75.8	73.5
35,0°	305.5	295.3	287.6	278.7	266.3	263.1	238.3	200.3	161.0	115.5	79.9	72.0	70.9
37,5°	285.5	270.6	258.3	240.6	226.8	225.0	242.2	198.9	151.7	100.3	73.3	69.3	68.5
40,0°	255.6	237.1	219.7	195.2	185.0	183.7	248.0	198.8	140.1	85.3	68.2	66.5	65.9
42,5°	218.8	194.2	173.9	156.4	149.0	148.0	254.8	201.0	131.0	77.5	64.8	63.6	63.2
45,0°	181.0	156.7	141.7	130.5	126.7	127.1	263.3	201.7	120.4	71.4	61.7	60.7	60.4
47,5°	157.5	145.8	141.0	141.9	141.4	144.0	275.1	206.3	118.8	68.7	59.2	58.2	57.8
50,0°	172.0	175.4	180.4	188.9	191.2	194.6	287.2	210.9	113.6	65.4	56.6	55.6	55.1
52,5°	211.8	224.2	237.9	253.7	258.4	261.7	302.8	214.9	112.5	63.4	54.2	53.1	52.5
55,0°	265.3	288.2	308.0	327.0	329.2	331.6	321.4	220.0	112.7	61.3	51.8	50.5	50.0
57,5°	323.1	340.4	353.1	365.8	363.4	363.4	352.4	230.7	116.6	60.1	49.3	48.0	47.5
60,0°	331.5	333.4	339.3	346.1	339.9	339.9	397.0	252.7	122.8	59.8	46.9	45.5	45.0
62,5°	300.7	290.4	287.4	286.7	277.0	273.4	483.0	311.0	147.5	64.8	45.3	43.3	42.6
65,0°	253.4	227.2	212.9	212.7	205.1	203.4	568.9	385.2	207.0	89.5	46.7	41.7	40.4
67,5°	201.9	183.2	157.4	145.0	134.7	137.1	586.1	419.8	251.0	133.6	58.6	42.4	37.8
70,0°	179.3	159.0	76.7	59.5	55.4	61.0	469.1	325.6	213.5	120.4	59.8	44.4	36.6
72,5°	141.1	117.8	36.2	28.5	28.5	27.5	196.0	136.9	113.2	71.9	45.2	39.0	32.2
75,0°	76.2	62.7	25.0	21.1	20.9	19.7	57.7	36.1	37.9	34.6	27.7	25.8	23.8
77,5°	31.6	29.8	17.0	14.9	14.6	13.4	26.4	22.7	22.4	20.9	18.3	17.0	16.6
80,0°	14.2	13.2	10.0	9.3	8.7	8.1	18.9	15.6	13.6	13.0	11.9	11.2	11.1
82,5°	7.0	6.3	5.3	4.8	4.3	4.0	10.3	8.8	7.5	7.3	8.1	6.8	6.7
85,0°	2.6	2.3	1.9	1.7	1.7	1.6	3.8	3.4	3.2	3.3	3.7	3.4	3.3
87,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.3	1.3	1.3	1.4	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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
150,0°	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
160,0°	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
170,0°	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
180,0°	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 midi		Order number: 5XA7782E3C1A EAN: 4058352853689										LP number 58550_147	
Table of values for luminous intensities										Maximum luminous intensity		sīteco	
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°	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5	239.5	0.4	0.4
2,5°	227.2	225.9	224.6	223.6	222.7	221.9	221.2	220.5	220.1	219.9	219.9	2.9	3.2
5,0°	212.0	209.0	206.3	203.8	201.6	199.6	197.9	196.6	195.6	195.2	195.0	5.6	8.9
7,5°	196.3	191.7	187.4	183.4	179.7	176.5	173.7	171.6	170.0	169.2	168.9	8.3	17.1
10,0°	180.5	173.8	167.5	161.7	156.3	151.7	147.7	144.7	142.5	141.3	140.9	10.7	27.9
12,5°	164.1	154.9	146.3	138.5	131.5	125.6	120.8	117.2	114.6	113.1	112.6	13.1	40.9
15,0°	147.0	135.8	125.6	116.9	109.5	103.6	99.0	95.9	93.7	92.4	91.9	15.3	56.2
17,5°	129.3	117.1	105.9	95.3	87.4	82.1	78.6	76.3	75.0	74.1	73.9	17.4	73.6
20,0°	113.2	98.1	85.6	79.3	76.7	75.0	73.8	72.9	72.0	71.4	71.2	19.7	93.3
22,5°	95.0	82.3	78.1	76.5	75.2	73.9	72.6	71.5	70.5	69.8	69.6	22.2	115.5
25,0°	81.5	77.6	76.4	75.4	74.3	72.9	71.5	70.2	69.0	68.1	67.7	24.6	140.0
27,5°	77.2	75.9	75.2	74.4	73.3	71.9	70.3	68.8	67.5	66.4	65.8	27.0	167.1
30,0°	75.0	74.4	74.0	73.4	72.4	71.1	69.4	67.6	66.1	64.8	64.1	29.1	196.2
32,5°	73.0	72.8	72.7	72.3	71.5	70.1	68.3	66.4	64.7	63.1	62.3	31.0	227.2
35,0°	70.7	70.7	71.1	70.8	70.1	68.7	66.8	64.7	62.8	61.1	60.1	32.6	259.8
37,5°	68.4	68.7	69.0	68.9	68.3	67.0	65.2	63.0	60.9	58.9	57.7	33.9	293.7
40,0°	65.9	66.3	66.6	66.6	66.1	64.9	62.8	60.8	58.8	56.8	55.7	34.8	328.4
42,5°	63.2	63.5	63.8	64.2	63.5	62.2	60.9	59.1	57.1	55.1	53.9	35.4	363.8
45,0°	60.3	60.4	60.9	60.8	60.4	59.8	59.0	57.6	56.0	54.0	52.7	35.9	399.7
47,5°	57.5	57.6	57.6	57.5	57.5	57.4	57.2	56.6	55.4	53.4	52.3	37.4	437.1
50,0°	54.8	54.7	54.2	54.4	54.7	55.2	55.8	56.1	55.4	53.9	52.9	40.1	477.3
52,5°	52.3	51.8	51.5	51.8	52.6	54.0	55.8	57.1	56.9	56.1	55.4	44.0	521.3
55,0°	49.7	49.1	49.3	49.8	51.2	54.0	57.2	59.7	59.7	59.4	59.0	49.0	570.3
57,5°	47.0	46.7	47.1	48.1	50.3	54.9	60.1	63.2	62.8	62.9	63.2	54.1	624.4
60,0°	44.4	44.3	44.9	46.7	50.3	56.4	63.0	65.8	64.7	64.9	65.4	58.2	682.6
62,5°	41.9	41.8	42.6	45.2	49.8	56.6	63.2	65.4	63.8	64.3	64.7	62.7	745.4
65,0°	39.4	39.1	40.3	43.4	48.5	55.5	62.0	63.2	60.9	61.1	61.7	66.5	811.9
67,5°	36.2	35.8	37.1	40.3	45.6	52.7	58.1	58.5	55.7	55.6	56.0	65.8	877.7
70,0°	32.2	31.7	33.2	36.7	41.9	47.8	51.8	51.5	48.8	48.0	48.6	56.2	933.9
72,5°	27.3	26.7	28.3	31.5	36.0	40.7	43.3	42.4	39.8	38.7	39.9	35.2	969.1
75,0°	21.9	21.8	23.2	26.0	29.5	33.0	34.3	33.1	30.6	30.0	31.7	16.3	985.4
77,5°	16.5	16.7	17.8	19.8	22.4	24.6	25.4	23.9	21.9	21.5	22.1	7.4	992.8
80,0°	11.3	11.4	12.2	13.6	15.1	16.4	16.6	15.2	13.9	13.5	13.6	3.9	996.7
82,5°	6.7	6.8	7.2	7.7	8.1	8.4	8.2	7.5	6.9	6.7	6.7	2.1	998.8
85,0°	3.2	3.1	3.2	3.3	3.4	3.6	3.5	3.1	2.8	2.7	2.7	0.8	999.7
87,5°	1.2	1.2	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
150,0°	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
160,0°	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
170,0°	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
180,0°	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 midi	Order number: 5XA7782E3C1A EAN: 4058352853689	LP number 58550_147
Dimming levels table		environmental temperature: 25°C
		siteco

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	22680	208.1	227.1	217.6
95	241	252	21519	193.9	211.3	202.6
90	229	250	20448	181.2	197.5	189.4
85	216	248	19287	167.9	182.9	175.4
80	203	246	18126	155.2	168.9	162.0
75	190	243	16965	143.1	155.5	149.3
70	178	241	15894	132.2	143.7	138.0
65	165	238	14733	120.9	131.2	126.0
60	152	235	13572	110.0	119.3	114.6
55	140	232	12501	100.2	108.7	104.4
50	127	229	11340	90.0	97.4	93.7
45	114	225	10179	79.9	86.6	83.2
40	102	221	9108	70.8	76.8	73.8
35	89	216	7947	61.4	66.4	63.9
30	76	210	6786	52.3	56.4	54.4
25	63	203	5625	43.7	46.9	45.3
20	51	195	4554	35.9	38.5	37.2
15	38	184	3393	27.6	29.6	28.6
13	32	178	2857	23.9	25.5	24.7