
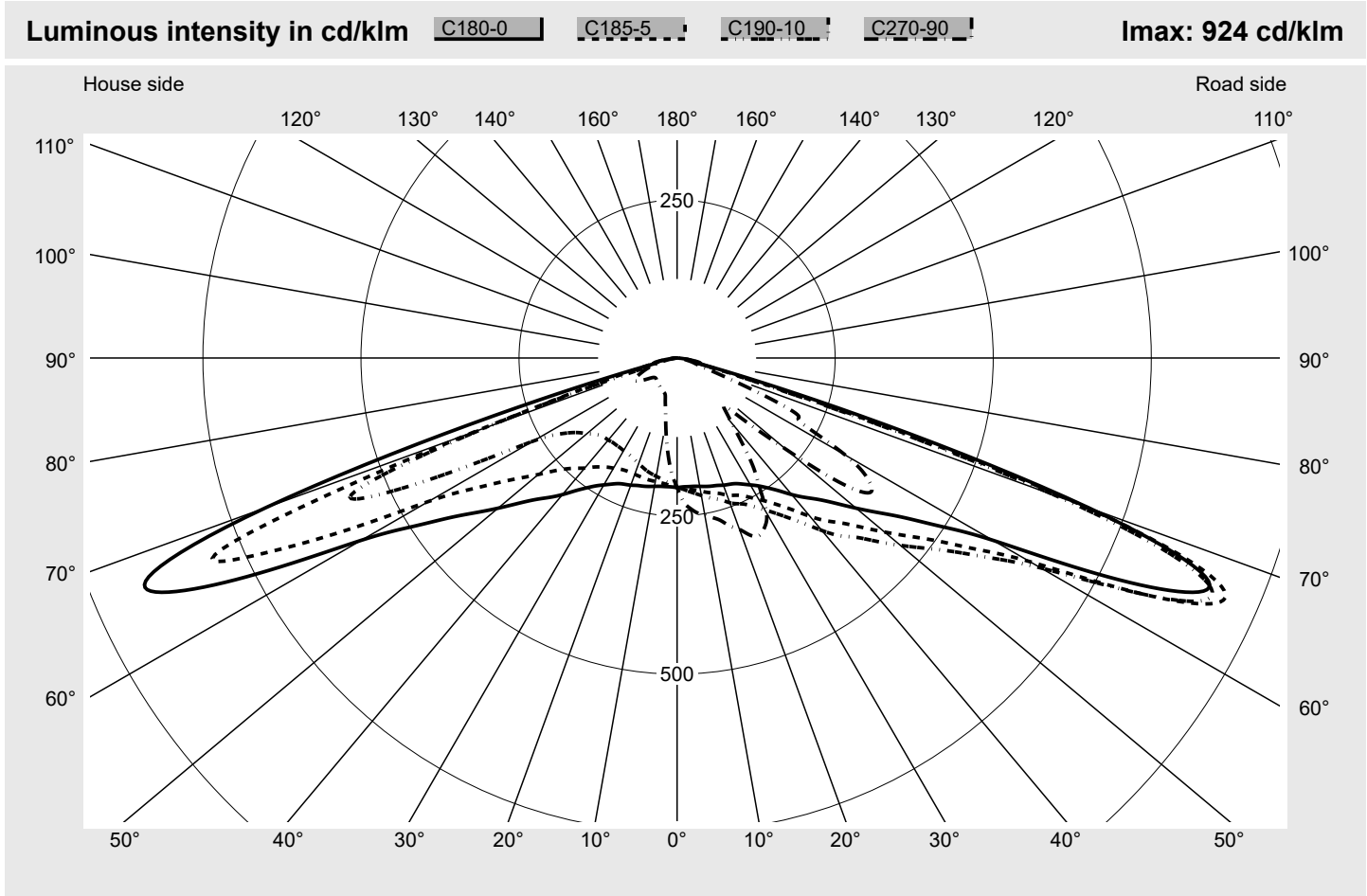


Photometric test report

Family Floodlight FL11 	Order number: 5XA779115C01AA EAN: 4058352850800	LP number 59236_26
	Version standard bracket Optic asymmetric distribution PL61 Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear ECG-DALI Rated values Ta = 10 °C Net luminous flux = 111360 lm Power consumption = 916.8 W Luminous efficacy = 121.5 lm/W	serial documentation 21.07.2023



Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

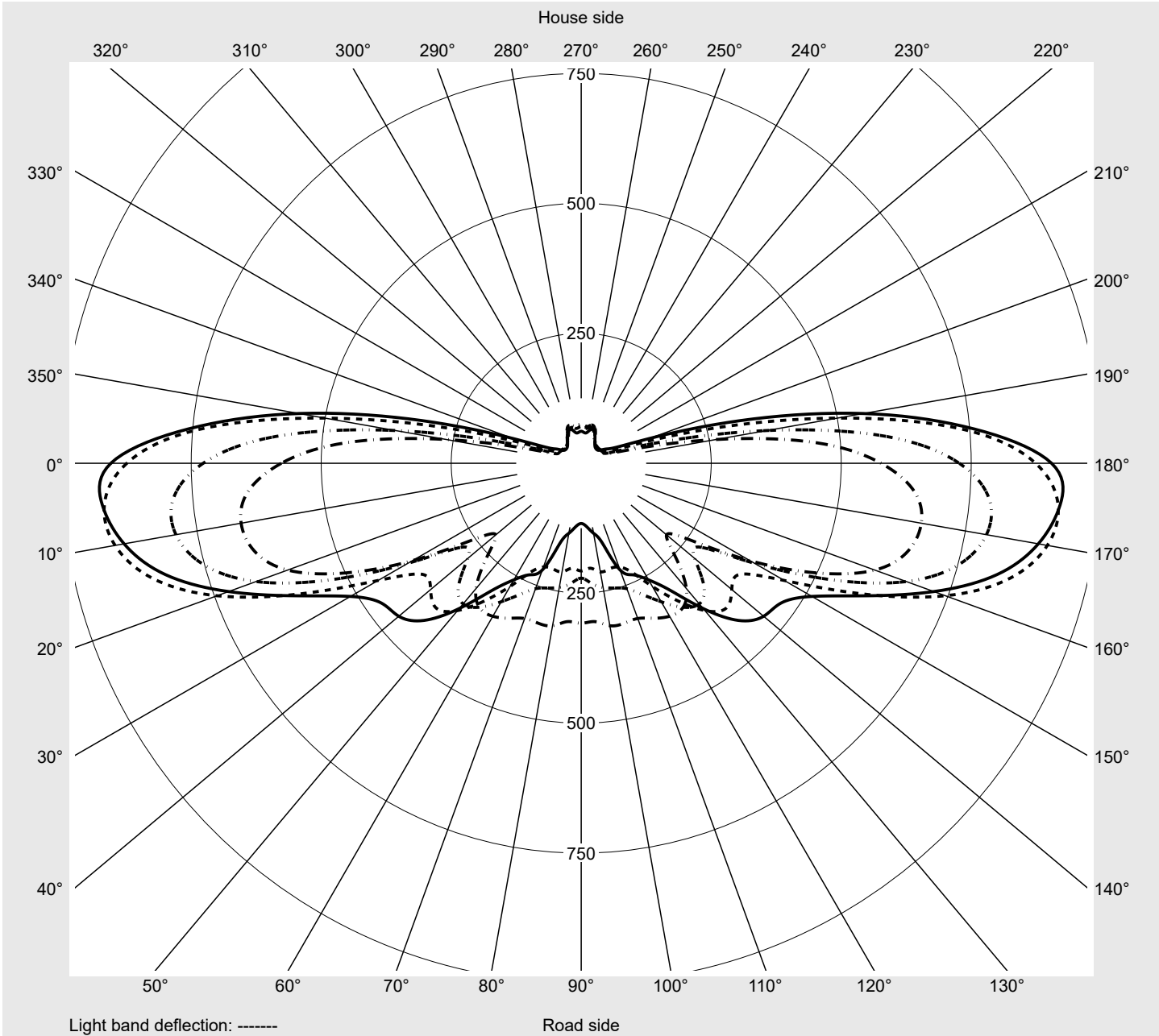
Luminous intensity class acc. to EN13201-2	
Class:	G3
Imax 70°	692.3
Imax 80°	30.4
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight FL11	Order number: 5XA779115C01AA EAN: 4058352850800	LP number 59236_26
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Envelope curve in cd/klm **KMK 67.5°** **KMK 65°** **KMK 62.5°** **KMK 60°** **siteco**



Photometric test report

Family Floodlight FL11	Order number: 5XA779115C01AA EAN: 4058352850800	LP number 59236_26
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°	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8
2,5°	204.1	205.9	207.6	209.4	211.0	212.6	214.0	215.5	216.8	218.0	219.2	220.1	221.1
5,0°	204.3	208.1	211.7	215.1	218.3	221.3	224.0	226.5	228.6	230.5	232.2	233.5	234.7
7,5°	204.7	210.6	216.0	220.8	225.0	228.8	232.0	234.9	237.1	239.0	240.7	242.0	243.1
10,0°	206.2	213.9	220.8	226.7	231.6	235.7	239.0	241.6	243.4	245.1	246.3	247.5	248.5
12,5°	208.1	217.6	225.8	232.8	238.2	242.2	245.2	247.4	249.0	250.5	251.6	252.7	253.8
15,0°	209.8	221.1	230.6	238.4	244.1	248.1	251.0	253.2	254.7	256.3	257.5	258.9	260.4
17,5°	211.4	224.8	235.6	244.3	250.3	254.1	257.1	259.4	261.3	263.4	265.0	266.9	268.9
20,0°	214.1	230.8	243.7	252.6	257.5	260.6	263.4	265.7	268.2	270.9	273.6	276.5	279.0
22,5°	216.2	235.1	249.5	259.0	263.9	267.5	270.6	273.8	276.7	280.5	284.6	288.8	292.0
25,0°	219.3	240.0	255.4	265.5	271.3	275.6	279.2	282.8	286.7	291.7	297.1	302.3	305.5
27,5°	224.9	248.4	265.4	276.0	282.4	286.8	290.4	294.3	299.5	305.6	311.0	314.3	315.2
30,0°	231.8	258.3	277.3	288.5	295.5	300.5	304.4	308.1	312.6	317.6	320.2	319.2	314.6
32,5°	240.0	270.2	291.6	303.6	311.4	317.0	321.3	325.1	327.0	326.0	322.4	315.3	304.8
35,0°	251.0	285.3	309.0	322.8	331.8	337.8	341.8	343.9	340.7	330.8	318.4	305.6	290.0
37,5°	264.8	303.9	330.0	345.6	355.4	362.0	364.9	361.5	349.7	331.0	310.0	292.0	270.3
40,0°	282.0	327.0	356.1	372.8	383.3	389.8	391.1	379.8	355.4	325.3	296.0	267.5	238.5
42,5°	299.1	349.3	381.5	400.1	410.6	416.3	412.2	389.5	350.3	306.4	265.4	228.3	197.1
45,0°	316.6	369.4	401.3	419.1	428.3	430.6	416.6	381.3	333.5	281.9	233.9	194.2	165.1
47,5°	340.2	396.4	429.6	445.6	453.0	449.8	423.6	375.7	317.5	257.6	204.8	168.1	148.1
50,0°	369.6	428.3	461.1	474.4	477.4	463.0	422.5	363.0	295.4	230.2	181.3	159.0	162.0
52,5°	401.9	463.3	494.2	504.2	500.7	470.9	414.9	342.7	265.8	202.0	174.5	186.1	216.1
55,0°	441.1	505.3	534.1	538.4	524.1	476.3	403.0	316.4	233.2	186.7	198.5	241.5	284.7
57,5°	496.4	564.0	588.7	584.0	554.2	482.5	388.1	284.4	206.9	201.3	252.0	305.4	339.5
60,0°	576.7	644.3	664.1	651.1	600.9	499.1	374.5	259.3	214.2	257.9	314.6	339.9	339.9
62,5°	727.1	787.6	791.4	752.3	665.5	530.0	385.4	281.8	285.1	333.6	353.2	337.8	307.7
65,0°	873.9	920.6	910.3	854.1	745.2	594.1	451.0	372.6	378.1	394.2	369.9	322.8	273.7
67,5°	904.6	924.4	892.6	827.7	721.6	603.3	512.4	469.0	457.9	427.6	364.8	298.4	259.0
70,0°	692.3	683.4	640.8	616.3	574.3	530.6	499.4	482.0	461.6	395.0	327.5	275.1	237.3
72,5°	304.0	238.3	203.0	260.5	362.4	384.3	380.7	369.4	325.3	266.7	227.4	180.7	147.1
75,0°	64.8	47.4	44.1	55.4	144.8	194.0	196.1	169.5	92.1	70.4	94.1	71.8	61.3
77,5°	36.5	33.7	33.3	31.6	45.4	59.9	56.3	31.9	26.4	27.1	33.5	31.7	28.1
80,0°	30.4	27.3	26.5	25.1	23.1	23.0	20.7	17.5	16.7	16.2	16.3	19.2	19.4
82,5°	16.5	15.6	16.7	16.1	13.7	12.7	11.6	10.0	9.6	9.3	8.7	9.1	10.2
85,0°	6.6	6.6	7.3	7.3	6.4	5.7	5.0	4.6	4.2	3.8	3.5	3.2	3.1
87,5°	2.2	2.3	2.2	2.2	2.0	1.8	1.6	1.4	1.3	1.1	1.1	1.0	1.0
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	0.0

Photometric test report

Family Floodlight FL11	Order number: 5XA779115C01AA EAN: 4058352850800	LP number 59236_26
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°	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8
2,5°	222.0	222.8	223.4	224.0	224.3	227.3	202.3	200.6	198.8	197.0	195.2	193.6	192.1
5,0°	235.9	236.9	237.7	238.2	238.6	238.9	200.4	196.6	192.6	188.6	184.7	181.0	177.5
7,5°	244.1	244.8	245.4	245.9	246.3	247.2	198.9	192.9	186.6	180.5	174.3	168.5	162.8
10,0°	249.5	250.1	250.7	251.1	251.6	252.1	198.3	190.0	181.6	173.1	164.7	156.5	148.6
12,5°	254.9	255.9	256.5	257.0	257.6	258.5	198.0	187.5	176.9	166.2	155.4	144.9	134.5
15,0°	261.9	263.3	264.4	265.2	266.0	266.2	197.5	184.7	171.8	159.0	146.2	133.6	121.7
17,5°	271.0	273.0	274.7	275.9	276.8	278.8	196.5	181.1	165.7	150.7	135.6	121.7	109.2
20,0°	281.5	283.8	286.0	287.6	288.8	288.5	195.8	177.8	159.7	141.9	125.1	110.6	98.7
22,5°	294.3	296.3	298.4	300.3	301.5	303.6	195.4	174.3	153.3	132.9	114.7	100.2	87.9
25,0°	306.5	306.1	306.6	307.9	308.7	309.1	196.0	171.7	147.3	124.8	105.3	89.2	76.0
27,5°	312.0	306.2	303.2	303.4	303.1	300.7	197.9	169.9	141.7	116.5	94.3	76.2	68.3
30,0°	305.5	293.7	287.1	285.4	282.4	282.6	201.2	169.1	137.0	108.7	81.8	68.5	65.3
32,5°	289.9	273.0	262.8	257.1	249.5	243.0	204.8	168.2	131.9	98.7	72.2	65.3	63.6
35,0°	268.4	245.7	231.9	220.0	208.5	209.7	210.4	168.0	126.5	87.6	66.8	63.4	62.1
37,5°	242.5	214.8	198.3	180.4	168.5	167.6	217.5	168.0	118.2	76.7	63.6	61.4	60.4
40,0°	206.1	177.7	162.1	141.9	133.3	135.1	227.3	169.5	107.3	68.2	60.9	59.3	58.5
42,5°	170.8	149.5	133.4	119.3	114.5	113.1	236.5	170.2	97.2	63.0	58.3	57.1	56.4
45,0°	145.3	128.7	118.9	111.2	108.8	108.8	248.1	172.9	92.0	60.1	56.3	55.1	54.2
47,5°	142.0	138.1	139.0	141.9	143.6	153.7	264.5	178.3	89.3	58.1	54.7	53.4	52.4
50,0°	178.8	195.0	206.9	220.9	226.9	224.5	286.8	186.2	88.9	56.5	53.1	51.7	50.8
52,5°	247.7	273.0	293.1	311.6	317.7	321.5	311.7	194.2	88.9	55.1	51.5	50.2	49.2
55,0°	320.9	344.4	359.9	372.8	371.0	371.4	343.0	206.1	91.2	54.2	50.0	48.7	47.8
57,5°	355.1	358.8	363.7	367.9	359.6	358.6	386.1	224.8	96.0	53.6	48.6	47.1	46.5
60,0°	328.9	317.8	318.6	317.3	305.8	307.7	453.8	263.3	108.8	54.4	47.4	46.0	45.4
62,5°	278.5	256.8	248.5	242.4	232.3	221.1	590.3	362.7	154.6	61.6	47.4	45.6	44.5
65,0°	231.6	212.4	210.3	212.2	202.7	207.2	740.4	500.4	255.9	94.5	53.9	47.0	43.6
67,5°	236.9	218.5	160.4	136.8	122.6	115.9	758.3	551.2	317.3	138.6	70.9	54.8	43.8
70,0°	212.7	183.9	65.2	48.9	46.2	50.5	337.4	322.6	227.0	124.9	74.3	60.0	45.2
72,5°	128.8	109.5	39.2	34.3	33.8	31.2	126.8	73.2	68.7	66.6	49.6	46.1	37.0
75,0°	60.8	58.1	29.6	25.8	25.1	24.1	57.8	34.5	34.5	35.0	31.4	29.8	27.8
77,5°	27.9	27.5	20.6	18.4	17.7	15.6	32.8	27.6	25.4	24.2	22.8	21.4	20.4
80,0°	15.8	14.4	12.7	11.6	10.7	10.4	27.2	20.6	17.6	16.6	16.8	14.6	13.9
82,5°	8.2	7.7	6.9	6.4	5.9	5.7	15.1	12.9	10.8	10.2	12.6	8.6	8.3
85,0°	2.8	2.6	2.5	2.4	2.4	2.5	6.7	5.9	5.4	4.9	5.2	4.3	4.0
87,5°	1.0	1.0	1.0	1.0	1.0	1.0	2.2	2.1	2.1	2.0	1.9	1.7	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

Family Floodlight FL11	Order number: 5XA779115C01AA EAN: 4058352850800	LP number 59236_26
Table of values for luminous intensities		Maximum luminous intensity
		

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°	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8	204.8	0.3	0.3
2,5°	190.7	189.5	188.2	187.3	186.4	185.7	185.3	184.9	184.7	184.2	184.4	2.4	2.7
5,0°	174.2	171.1	168.2	165.7	163.5	161.5	160.0	158.7	158.0	157.2	157.1	4.8	7.5
7,5°	157.4	152.4	147.7	143.5	139.8	136.6	134.0	132.1	130.6	129.5	129.2	7.0	14.6
10,0°	141.0	133.8	127.2	121.6	116.8	112.7	109.5	107.0	105.2	104.0	103.6	9.1	23.6
12,5°	124.9	116.3	108.4	101.9	96.7	92.6	89.5	87.2	85.7	84.7	84.4	11.1	34.7
15,0°	111.0	101.7	94.1	87.9	83.1	79.5	76.8	74.9	73.4	72.5	72.2	13.1	47.8
17,5°	98.8	89.9	81.4	74.6	69.9	66.9	65.0	63.8	62.9	62.3	62.1	15.1	62.9
20,0°	88.4	77.5	70.9	67.1	64.5	62.6	61.2	60.2	59.5	59.0	58.8	17.3	80.2
22,5°	76.3	69.9	66.6	64.8	63.1	61.6	60.2	59.1	58.3	57.7	57.4	19.6	99.8
25,0°	69.3	66.4	65.2	64.1	62.8	61.4	60.0	58.7	57.7	56.9	56.6	22.0	121.8
27,5°	65.8	64.8	64.3	63.8	62.9	61.7	60.1	58.5	57.1	56.0	55.5	24.3	146.0
30,0°	64.3	63.9	63.8	63.7	63.1	61.8	59.7	57.6	55.7	54.4	53.7	26.3	172.3
32,5°	63.0	63.0	63.3	63.3	62.5	60.8	58.6	56.5	54.5	52.9	52.1	28.1	200.4
35,0°	61.7	61.9	62.1	61.9	61.1	59.8	58.0	56.0	54.2	52.6	51.7	29.6	230.1
37,5°	60.1	60.2	60.2	60.2	59.8	58.9	57.1	55.0	53.0	51.3	50.3	31.0	261.1
40,0°	58.2	58.0	58.2	58.3	58.3	57.1	55.3	53.4	51.5	49.8	48.8	32.2	293.3
42,5°	55.8	55.8	56.0	56.3	55.9	54.8	53.5	52.1	50.5	48.8	47.7	33.2	326.5
45,0°	53.7	53.6	53.8	53.6	53.2	52.8	52.1	51.0	49.6	47.8	46.7	34.0	360.6
47,5°	51.9	51.7	51.5	51.0	51.2	51.2	50.9	50.5	49.3	47.6	46.6	36.3	396.9
50,0°	50.2	49.9	49.1	49.1	49.6	49.9	50.6	50.8	50.1	48.8	47.9	40.4	437.3
52,5°	48.7	48.0	47.6	47.7	48.4	49.9	51.9	53.2	52.9	52.1	51.7	45.7	483.0
55,0°	47.1	46.4	46.5	46.8	48.1	51.1	55.5	58.0	57.9	58.0	58.3	51.3	534.3
57,5°	45.5	45.2	45.8	46.5	48.8	54.1	61.2	64.5	63.9	64.7	65.9	55.9	590.2
60,0°	44.1	44.2	44.9	46.4	50.2	58.1	68.0	71.4	69.3	70.6	72.8	60.0	650.3
62,5°	43.1	43.1	44.1	46.7	52.3	62.6	73.9	76.1	72.0	73.2	75.8	66.5	716.7
65,0°	42.0	41.8	43.2	46.8	53.8	64.8	75.3	75.0	68.6	68.4	70.7	75.8	792.5
67,5°	40.0	39.9	41.4	45.6	52.8	62.1	68.9	66.5	59.7	59.6	61.6	78.1	870.6
70,0°	37.0	36.6	38.1	41.7	48.1	56.1	61.3	58.0	51.5	50.7	52.3	62.2	932.8
72,5°	31.9	31.2	32.8	36.8	42.3	48.1	50.6	46.7	40.8	39.7	41.0	35.6	968.4
75,0°	25.9	25.7	27.4	30.7	34.5	36.9	36.2	32.6	28.4	27.5	28.4	15.4	983.8
77,5°	19.9	19.9	20.7	22.3	24.1	25.7	25.4	22.7	20.1	19.4	20.0	7.4	991.2
80,0°	13.4	13.2	13.7	14.6	14.9	15.2	14.8	13.1	11.7	11.3	11.4	4.7	995.9
82,5°	7.9	7.6	7.7	7.6	7.7	7.7	7.1	6.1	5.5	5.4	5.4	2.6	998.5
85,0°	3.6	3.4	3.1	2.9	2.6	2.4	2.2	2.2	2.1	2.1	2.0	1.1	999.6
87,5°	1.5	1.5	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1	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: 5XA779115C01AA EAN: 4058352850800	LP number 59236_26
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Dimming levels table	environmental temperature: 10°C	siteco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	111360	916.8
95	233	251	105759	838.6
90	215	248	100202	771.6
85	199	245	94770	712.7
80	183	242	88980	653.5
75	169	239	83559	601.9
70	155	236	77951	551.2
65	142	233	72527	504.2
60	129	229	66939	457.6
55	116	225	61075	411.7
50	104	221	55683	368.4
45	92	217	49946	326.3
40	81	212	44532	287.6
35	70	207	39010	248.9
30	59	201	33308	210.4
25	49	194	28057	176.2
20	38	184	22070	138.7
15	28	173	16580	104.9
10	18	157	10918	71.2
5	9	132	5690	41.3
1	2	77	1542	16.8

Dimming levels table	environmental temperature: 25°C
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	---	---	---	---
95	---	---	---	---
91	215	248	96690	766.2
90	211	247	95486	751.3
85	194	244	90098	688.6
80	179	241	84950	633.8
75	164	238	79466	579.1
70	151	235	74426	531.9
65	137	232	68817	481.9
60	125	228	63827	439.2
55	113	224	58529	396.7
50	101	220	53299	354.6
45	89	216	47660	312.6
40	78	211	42364	274.4
35	67	205	36973	235.8
30	57	199	31861	201.4
25	47	192	26627	167.4
20	37	184	21273	133.8
15	27	172	15857	100.3
10	18	157	10815	70.4
5	8	127	5053	37.5
1	2	77	1530	16.6

Photometric test report

Family Floodlight FL11	Order number: 5XA779115C01AA EAN: 4058352850800	LP number 59236_26
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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
10.0	111360.0	916.8
25.0	96910.0	769.0