
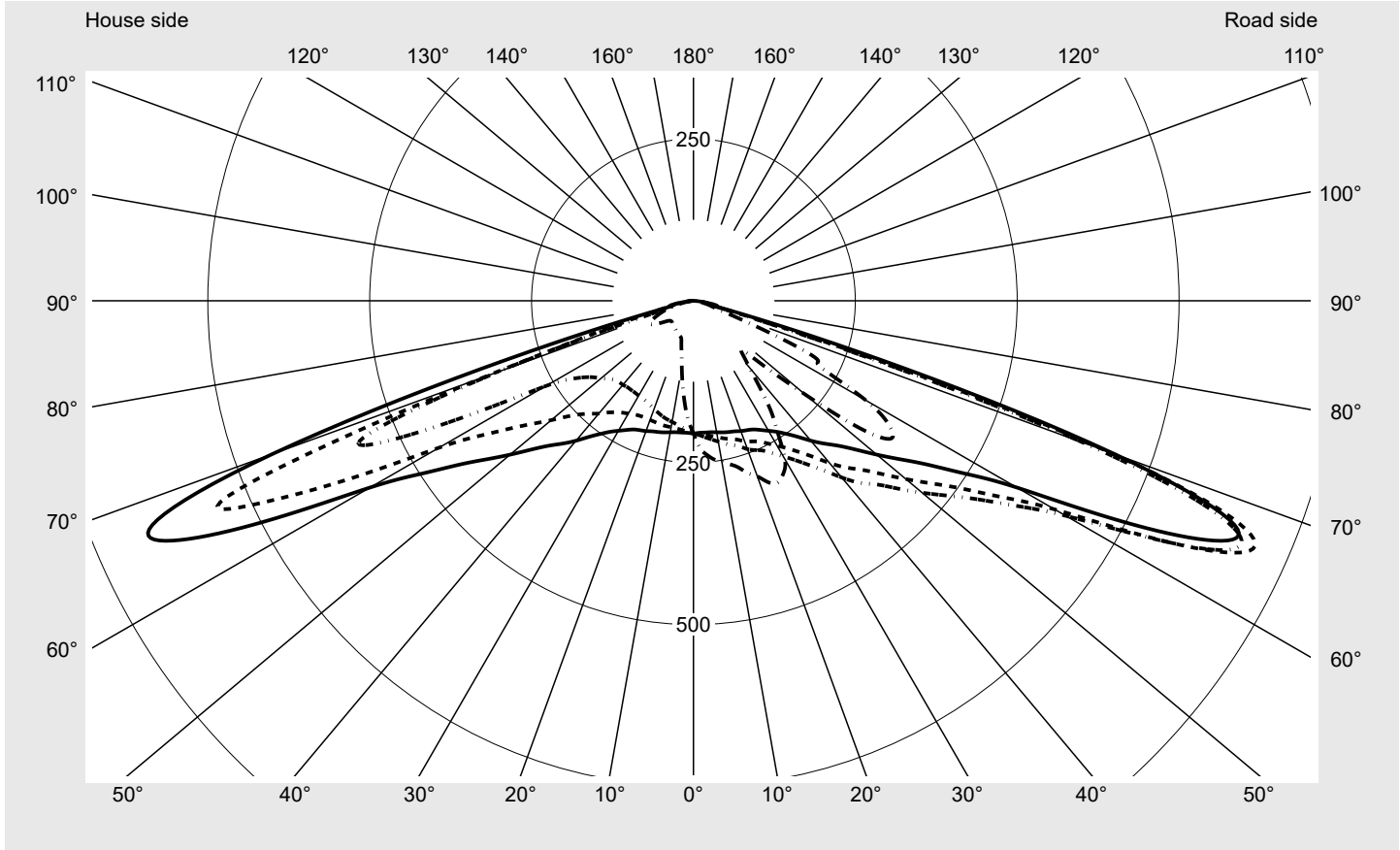


Photometric test report

Family Floodlight FL11	Order number: 5XA779126C01AA EAN: 4058352850961	LP number 59236_39
	Version standard bracket Optic asymmetric distribution PL61 Cover toughened safety glass Lamps LED 4000 K CRI ≥ 70 Controlgear ECG-DALI Rated values Ta = 10 °C Net luminous flux = 173120 lm Power consumption = 1387.6 W Luminous efficacy = 124.8 lm/W	serial documentation 02.11.2023



Luminous intensity in cd/klm
C180-0
C185-5
C190-10
C270-90
Imax: 924 cd/klm



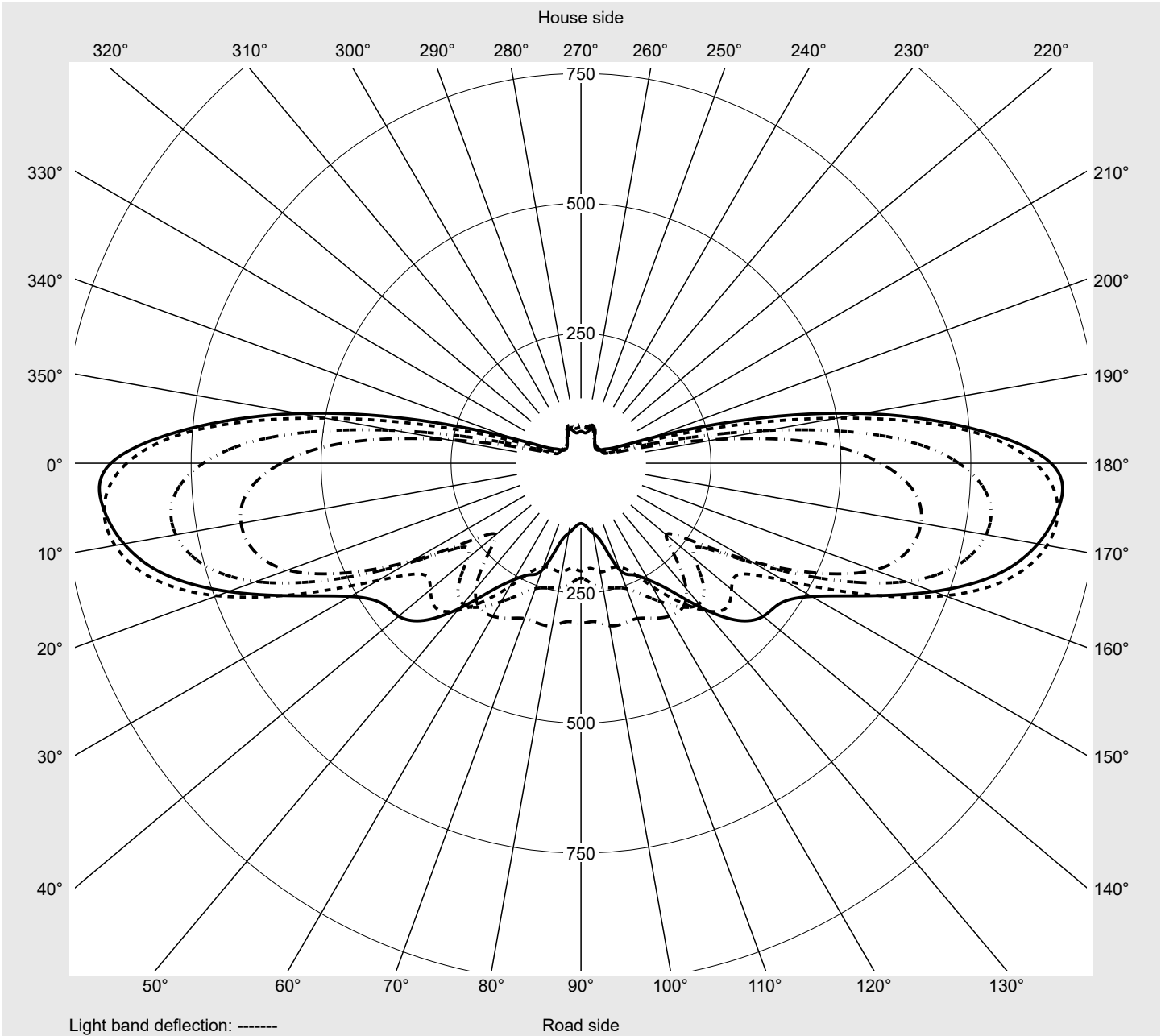
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

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

Photometric test report

Family Floodlight FL11	Order number: 5XA779126C01AA EAN: 4058352850961	LP number 59236_39
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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: 5XA779126C01AA EAN: 4058352850961	LP number 59236_39
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: 5XA779126C01AA EAN: 4058352850961	LP number 59236_39
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: 5XA779126C01AA EAN: 4058352850961	LP number 59236_39
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°	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: 5XA779126C01AA EAN: 4058352850961	LP number 59236_39
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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	173120	1387.6
95	233	251	164653	1269.1
90	214	248	155683	1162.0
85	198	245	147216	1072.1
80	182	242	138407	982.0
75	168	239	129962	903.8
70	154	236	121015	826.3
65	141	232	112778	755.0
60	128	229	104015	684.1
55	116	225	94933	618.9
50	103	221	86395	548.6
45	91	216	77503	484.7
40	80	212	69017	426.3
35	69	206	60329	367.6
30	59	201	52128	314.6
25	48	193	43732	256.7
20	38	184	34488	205.4
15	28	173	25938	154.3
10	19	159	17394	108.3
5	9	132	8790	57.9
1	2	77	2363	20.9

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	---	---	---	---
92	216	248	151329	1165.0
90	210	247	148551	1131.2
85	194	244	140410	1042.0
80	178	241	132338	952.2
75	163	238	123923	868.9
70	150	235	115580	797.4
65	137	232	107637	726.8
60	124	228	99162	656.5
55	113	224	90854	597.4
50	99	220	82533	522.1
45	89	216	74585	469.2
40	78	211	66363	411.4
35	67	205	57840	352.8
30	57	199	49625	300.8
25	46	192	41114	243.8
20	37	184	33271	198.0
15	27	172	24815	147.6
10	18	157	16677	102.0
5	8	127	7837	52.3
1	2	77	2344	20.6

Photometric test report

Family Floodlight FL11	Order number: 5XA779126C01AA EAN: 4058352850961	LP number 59236_39
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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
10.0	173120.0	1387.6
25.0	152270.0	1176.7