
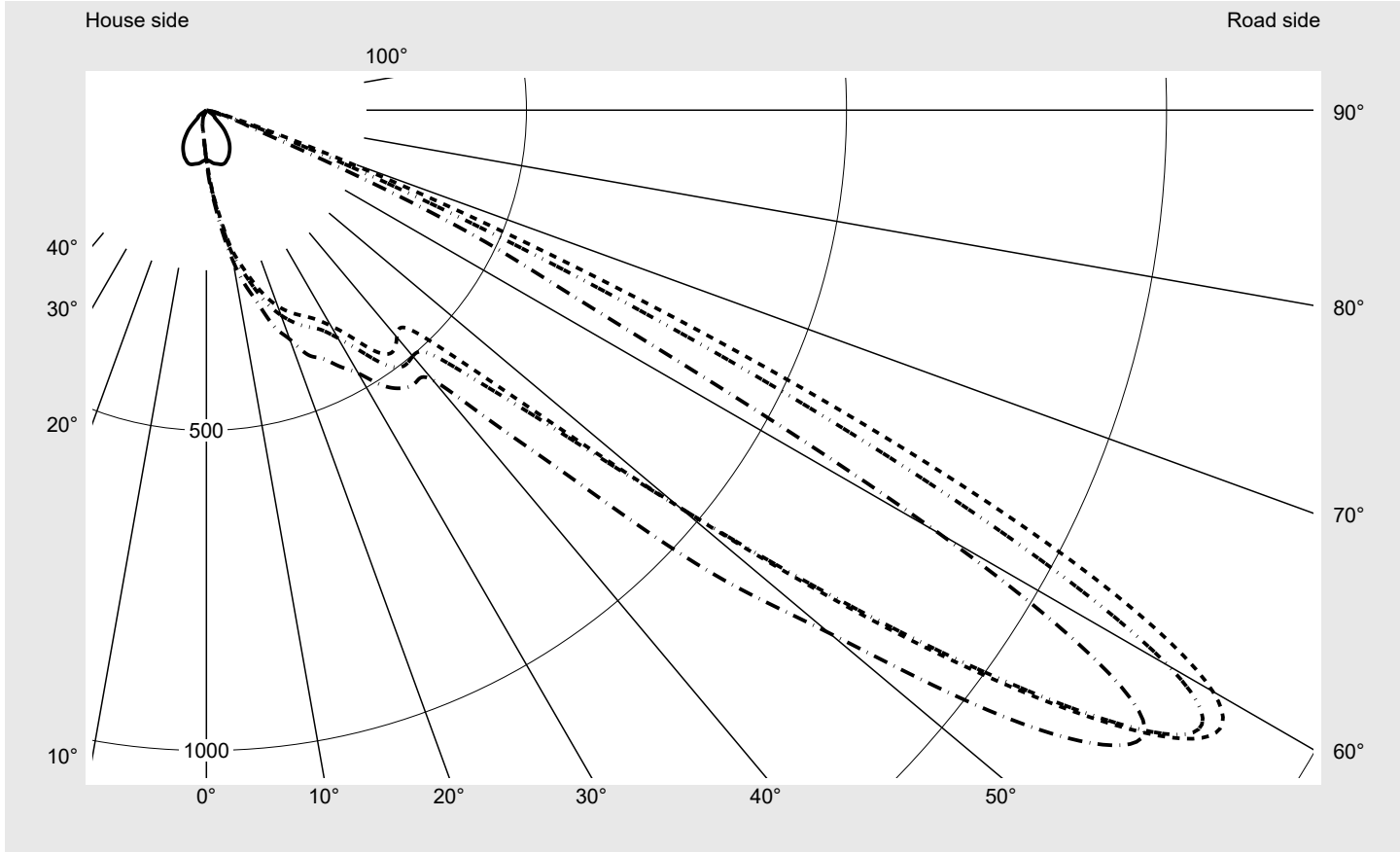


Photometric test report

Family Floodlight FL11	Order number: 5XA779416H01AA EAN: 4058352851289	LP number 59257_37
	Version standard bracket Optic asymmetric distribution PL33T with Back Light Control Cover toughened safety glass Lamps LED 4000 K CRI ≥ 70 Controlgear ECG-DALI Rated values Ta = 10 °C Net luminous flux = 84900 lm Power consumption = 948.1 W Luminous efficacy = 89.5 lm/W	serial documentation 21.07.2023



Luminous intensity in cd/klm C180-0 C240-60 C245-65 C270-90 **Imax: 1827 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°	279.0
Imax 80°	8.4
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

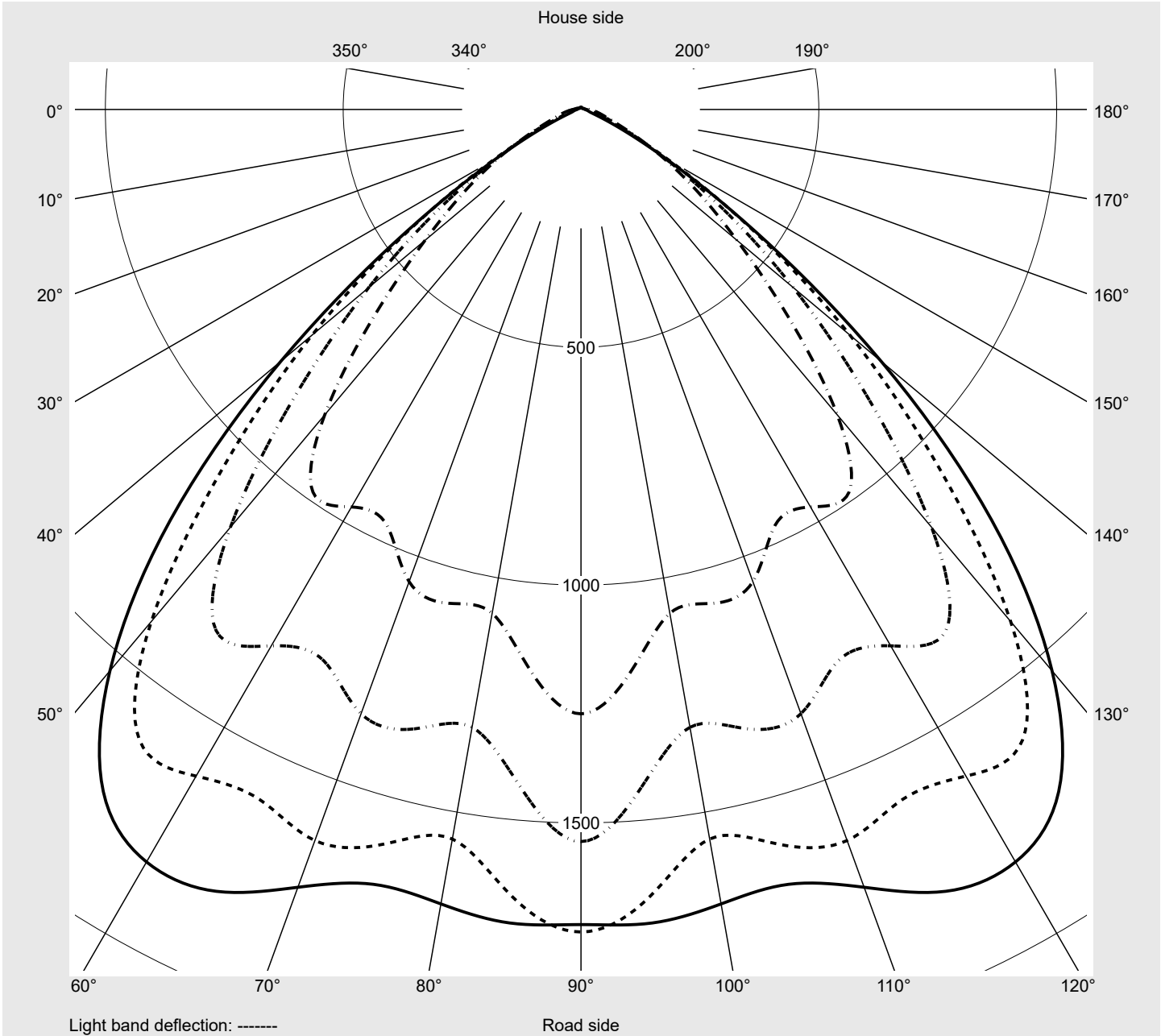
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight FL11	Order number: 5XA779416H01AA EAN: 4058352851289	LP number 59257_37
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Envelope curve in cd/klm **KMK 57.5°** **KMK 55°** **KMK 52.5°** **KMK 50°** **siteco**



Photometric test report

Family Floodlight FL11	Order number: 5XA779416H01AA EAN: 4058352851289	LP number 59257_37
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°	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
2,5°	78.7	80.9	83.2	85.5	87.9	90.2	92.5	94.7	96.8	98.7	100.3	101.7	103.0
5,0°	81.0	85.9	91.1	96.3	101.7	106.8	111.9	116.8	121.5	125.9	130.1	133.8	137.2
7,5°	83.6	90.4	97.6	104.4	111.3	118.8	126.6	134.7	143.3	151.5	159.2	166.0	172.2
10,0°	85.0	93.4	102.2	112.3	123.9	136.3	148.9	161.9	174.6	186.3	197.0	206.8	216.2
12,5°	86.2	97.0	109.7	124.0	139.3	153.7	167.4	181.9	196.5	209.8	222.6	234.9	246.2
15,0°	87.7	100.9	115.8	132.0	147.8	163.1	179.8	198.2	215.3	231.3	246.7	261.5	275.2
17,5°	88.0	102.5	118.7	135.8	153.7	172.9	193.3	214.9	234.3	252.0	269.1	287.2	303.4
20,0°	86.8	102.5	120.0	138.8	159.2	181.7	205.9	229.0	248.3	266.7	286.7	307.2	325.5
22,5°	83.9	100.7	120.4	141.0	164.1	189.7	215.0	237.4	256.5	277.2	300.0	322.1	341.6
25,0°	81.0	98.7	119.7	142.3	167.0	193.6	218.5	239.8	261.7	285.3	309.5	332.5	354.2
27,5°	76.9	95.7	117.1	139.7	166.5	194.0	219.3	243.3	269.3	294.6	319.1	343.8	367.8
30,0°	72.6	91.8	112.3	135.8	164.6	194.3	222.7	251.6	282.1	309.9	335.5	362.4	388.9
32,5°	67.8	86.4	106.5	131.5	162.4	194.6	227.9	264.7	300.0	331.7	362.1	391.8	419.5
35,0°	62.3	79.9	100.0	125.5	156.6	193.0	233.1	277.3	318.4	357.3	393.6	428.5	459.5
37,5°	55.6	72.4	91.9	115.7	146.8	186.9	232.5	279.5	321.6	359.8	398.6	438.8	476.6
40,0°	48.1	63.8	82.2	103.6	133.9	179.0	230.4	276.2	310.9	343.2	379.9	420.0	462.9
42,5°	40.4	54.7	72.1	93.1	124.1	172.2	230.8	276.5	306.8	338.3	375.1	415.2	461.2
45,0°	28.5	39.1	53.5	74.9	107.3	161.3	226.4	277.5	311.4	364.8	435.7	495.8	538.7
47,5°	18.6	24.9	34.6	51.9	82.5	136.2	207.9	274.8	342.6	448.9	583.6	675.7	696.9
50,0°	16.9	24.4	35.1	48.6	70.6	115.0	191.5	295.6	427.8	615.6	838.2	982.4	965.1
52,5°	15.3	22.9	34.0	45.1	62.8	106.6	198.7	364.0	582.7	847.4	1146.7	1337.5	1302.2
55,0°	11.5	16.8	24.5	31.4	47.2	96.7	214.4	437.6	738.2	1063.3	1405.4	1618.5	1618.5
57,5°	8.2	10.7	14.5	18.4	31.5	79.5	202.9	448.3	823.7	1220.9	1540.7	1751.0	1827.0
60,0°	6.7	7.8	9.8	12.7	21.9	56.1	149.1	361.7	748.8	1177.8	1460.2	1699.7	1815.7
62,5°	6.1	6.9	8.4	10.6	15.5	34.4	88.1	222.4	499.7	869.7	1119.1	1425.2	1522.3
65,0°	5.7	6.3	7.5	9.1	11.8	22.2	51.1	117.7	270.5	520.5	769.3	1042.5	1025.9
67,5°	5.1	5.5	6.5	7.7	9.6	17.0	33.4	62.1	125.3	263.0	464.6	610.3	538.4
70,0°	4.5	4.9	5.5	6.2	7.7	11.0	16.8	26.2	47.4	102.5	209.4	279.0	215.6
72,5°	3.7	4.1	4.4	5.1	6.1	7.4	9.3	13.1	20.5	37.7	74.6	99.7	70.8
75,0°	3.0	3.2	3.5	4.1	4.9	6.3	7.2	9.1	12.2	17.4	28.3	36.6	27.1
77,5°	2.1	2.4	2.5	2.9	3.4	4.5	4.8	5.8	7.3	9.0	12.2	15.7	12.4
80,0°	1.5	1.9	1.9	1.9	2.2	2.6	2.9	3.5	4.0	5.0	7.3	8.4	6.1
82,5°	1.1	1.4	1.4	1.4	1.4	1.6	1.7	1.9	2.3	2.8	3.8	4.0	3.3
85,0°	0.6	0.8	0.8	0.6	0.7	0.8	0.9	1.0	1.0	1.2	1.5	1.7	1.6
87,5°	0.2	0.3	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.8	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 FL11	Order number: 5XA779416H01AA EAN: 4058352851289	LP number 59257_37
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°	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
2,5°	104.1	105.1	105.9	106.5	107.0	112.3	76.6	74.7	72.8	71.0	69.1	67.4	65.8
5,0°	140.3	143.0	145.3	147.1	148.3	146.7	76.4	72.2	68.4	64.8	61.5	58.4	55.7
7,5°	177.7	182.2	185.7	188.5	190.4	191.5	77.2	71.2	65.4	60.2	55.6	51.7	48.3
10,0°	224.4	230.9	235.3	238.4	240.5	239.0	77.0	69.7	62.6	56.0	50.0	45.4	41.5
12,5°	255.6	262.6	268.6	273.4	277.0	279.4	76.3	67.5	59.2	51.9	45.6	40.6	36.7
15,0°	286.7	296.0	303.7	309.5	313.4	313.3	75.2	64.9	56.5	48.6	41.5	36.0	32.0
17,5°	317.0	327.9	336.9	343.9	349.0	355.4	74.5	61.9	51.7	44.0	36.8	31.6	27.7
20,0°	340.8	353.5	364.8	373.4	379.7	380.7	72.2	59.2	48.8	39.8	32.2	27.3	24.0
22,5°	359.1	374.1	386.5	397.4	406.1	413.1	69.7	56.9	44.7	35.3	27.8	23.4	20.0
25,0°	373.2	389.3	403.5	416.3	425.0	427.8	66.5	53.0	40.9	31.3	24.2	19.5	16.5
27,5°	386.3	403.2	421.5	435.9	444.5	451.3	61.6	48.1	36.6	27.1	20.4	16.2	13.6
30,0°	411.0	431.7	450.0	463.4	472.8	474.6	56.4	43.3	32.3	23.5	17.2	13.7	11.6
32,5°	444.8	466.8	485.4	495.9	502.4	508.8	51.3	38.6	28.3	20.0	14.9	12.0	10.4
35,0°	484.4	504.1	515.2	522.8	527.6	530.1	46.0	34.1	24.3	17.1	13.1	10.8	9.4
37,5°	504.3	520.2	527.4	530.7	535.1	536.6	40.8	29.9	20.5	14.7	11.6	10.0	8.5
40,0°	501.6	525.3	535.5	542.1	547.5	550.1	35.2	25.6	17.5	12.9	10.6	9.4	7.9
42,5°	515.5	563.6	583.8	597.2	621.6	660.8	29.8	21.3	15.1	11.4	9.6	8.5	7.4
45,0°	597.2	675.0	705.3	720.2	788.4	826.2	22.0	17.2	13.2	10.4	8.8	7.5	6.6
47,5°	732.9	825.1	861.2	872.8	964.4	1068.6	15.1	12.6	10.9	9.3	8.1	6.8	6.0
50,0°	965.1	1056.6	1075.0	1075.7	1188.4	1270.7	12.9	10.8	9.4	8.0	7.0	6.1	5.3
52,5°	1279.2	1352.0	1348.1	1319.2	1433.7	1539.3	11.4	9.5	8.2	7.0	5.9	5.3	4.7
55,0°	1600.4	1635.8	1599.0	1557.7	1661.2	1729.4	9.2	8.1	7.1	6.3	5.3	4.6	4.2
57,5°	1813.9	1740.4	1686.7	1696.2	1717.1	1713.9	7.0	6.3	5.9	5.5	4.7	4.2	3.8
60,0°	1735.8	1537.9	1506.4	1585.6	1431.2	1321.6	6.0	5.4	5.2	4.7	4.2	3.9	3.7
62,5°	1317.0	1096.2	1102.2	1162.6	929.0	734.3	5.4	4.9	4.7	4.2	3.8	3.7	3.6
65,0°	787.3	613.8	652.3	654.1	523.1	453.2	5.1	4.7	4.4	4.0	3.7	3.6	3.5
67,5°	368.9	284.2	292.2	239.9	192.2	140.2	4.7	4.2	3.9	3.7	3.5	3.4	3.3
70,0°	132.6	123.6	117.9	81.6	62.4	60.8	4.3	3.9	3.6	3.4	3.3	3.3	3.3
72,5°	44.5	48.6	40.3	24.6	18.7	16.9	3.4	3.1	3.0	3.0	3.0	3.1	3.1
75,0°	20.0	21.0	14.3	9.3	9.1	10.9	2.6	2.2	2.1	2.3	2.5	2.6	2.8
77,5°	11.0	11.0	7.5	5.5	5.6	6.0	1.7	1.5	1.5	1.7	2.0	2.1	2.2
80,0°	5.1	5.1	4.3	3.5	3.5	4.0	1.2	1.1	1.1	1.2	1.4	1.6	1.7
82,5°	2.9	3.0	2.7	2.3	2.3	2.5	0.7	0.7	0.8	0.9	1.1	1.2	1.4
85,0°	1.4	1.4	1.4	1.4	1.3	1.4	0.5	0.5	0.6	0.7	0.9	1.0	1.1
87,5°	0.9	1.0	1.0	1.0	1.0	0.9	0.3	0.4	0.5	0.6	0.7	0.8	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 FL11	Order number: 5XA779416H01AA EAN: 4058352851289	LP number 59257_37
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°	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	0.1	0.1
2,5°	64.2	62.7	61.3	60.0	58.9	58.1	57.4	56.8	56.4	56.1	56.1	1.0	1.1
5,0°	53.1	50.8	48.8	47.1	45.7	44.5	43.6	42.9	42.5	42.1	42.0	2.1	3.2
7,5°	45.3	42.7	40.5	38.8	37.4	36.2	35.5	35.0	34.8	34.7	34.7	3.5	6.7
10,0°	38.5	36.1	34.1	32.6	31.2	30.3	29.8	29.7	29.8	29.8	29.9	5.3	11.9
12,5°	33.8	31.5	29.7	28.0	27.1	26.5	26.3	26.3	26.3	26.0	26.0	7.1	19.0
15,0°	29.3	27.2	25.3	24.1	23.4	23.1	22.9	22.8	22.8	22.8	22.6	9.1	28.2
17,5°	25.0	23.4	21.7	20.6	20.1	20.0	20.0	19.6	19.0	19.1	19.2	11.3	39.4
20,0°	21.4	19.5	18.3	17.7	17.5	17.5	17.1	16.4	16.3	16.2	16.2	13.4	52.9
22,5°	17.4	16.1	15.4	14.8	15.0	14.6	14.1	13.8	13.6	13.5	13.5	15.5	68.3
25,0°	14.5	13.4	12.5	12.4	12.2	11.8	11.5	11.2	11.0	10.9	10.9	17.4	85.7
27,5°	12.2	10.8	10.2	10.3	9.4	9.3	9.1	8.8	8.5	8.4	8.3	19.3	105.0
30,0°	10.4	9.1	9.0	8.2	7.9	7.6	7.4	7.2	6.9	6.7	6.7	21.6	126.6
32,5°	9.0	8.3	8.0	7.1	6.8	6.7	6.5	6.4	6.2	6.1	6.1	24.3	151.0
35,0°	8.2	7.9	6.9	6.6	6.3	6.1	6.0	5.9	5.8	5.8	5.8	27.2	178.2
37,5°	7.6	7.4	6.4	6.1	5.9	5.8	5.7	5.7	5.6	5.6	5.6	29.0	207.2
40,0°	7.1	6.4	6.0	5.6	5.5	5.4	5.4	5.3	5.3	5.3	5.2	30.1	237.2
42,5°	6.7	5.8	5.3	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	32.6	269.8
45,0°	6.0	5.3	4.8	4.7	4.7	4.7	4.7	4.8	4.8	4.7	4.7	38.5	308.3
47,5°	5.2	4.7	4.4	4.3	4.4	4.5	4.5	4.6	4.6	4.6	4.6	47.6	356.0
50,0°	4.6	4.1	4.0	4.1	4.1	4.2	4.4	4.4	4.5	4.5	4.5	62.6	418.5
52,5°	4.1	3.8	3.7	3.8	3.9	4.1	4.3	4.4	4.4	4.5	4.5	82.5	501.1
55,0°	3.8	3.5	3.6	3.7	3.9	4.1	4.3	4.5	4.5	4.6	4.6	101.9	602.9
57,5°	3.5	3.4	3.5	3.7	3.9	4.1	4.4	4.7	4.8	4.8	4.9	112.8	715.8
60,0°	3.4	3.2	3.4	3.6	3.8	4.1	4.5	4.8	5.0	5.1	5.1	105.9	821.7
62,5°	3.3	3.1	3.2	3.4	3.7	4.0	4.4	4.8	5.2	5.3	5.4	80.2	901.9
65,0°	3.2	3.2	3.3	3.5	3.8	4.1	4.5	4.8	5.1	5.3	5.3	51.0	952.9
67,5°	3.3	3.5	3.8	4.1	4.3	4.6	4.8	5.1	5.3	5.4	5.4	25.8	978.7
70,0°	3.4	3.8	4.3	4.6	4.9	5.1	5.2	5.4	5.6	5.6	5.7	11.2	989.9
72,5°	3.4	3.9	4.2	4.5	4.8	5.1	5.3	5.4	5.6	5.7	5.7	4.5	994.4
75,0°	3.1	3.7	4.0	4.3	4.6	4.9	5.1	5.3	5.4	5.5	5.6	2.3	996.6
77,5°	2.5	2.9	3.2	3.5	3.8	4.1	4.3	4.5	4.6	4.7	4.7	1.4	998.0
80,0°	1.9	2.2	2.5	2.7	3.0	3.2	3.4	3.6	3.7	3.8	3.9	0.9	998.8
82,5°	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.0	3.1	3.1	0.6	999.4
85,0°	1.2	1.4	1.5	1.7	1.8	2.0	2.2	2.3	2.4	2.5	2.5	0.4	999.8
87,5°	1.0	1.1	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.0	2.1	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 FL11	Order number: 5XA779416H01AA EAN: 4058352851289	LP number 59257_37
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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	84900	948.1
95	232	251	80614	863.2
90	214	248	76480	793.9
85	197	245	72187	729.2
80	182	242	67971	671.6
75	167	239	63524	614.4
70	154	236	59584	565.8
65	140	232	55079	513.5
60	128	229	51107	468.8
55	115	225	46632	420.8
50	103	221	42474	376.8
45	92	217	38391	336.7
40	80	212	33853	293.0
35	69	206	29584	253.5
30	59	201	25621	216.8
25	48	193	21172	178.0
20	38	184	16979	142.7
15	28	173	12744	107.9
10	18	157	8384	73.2
5	9	132	4365	42.2
1	2	77	1178	17.1

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	---	---	---	---
90	---	---	---	---
85	---	---	---	---
82	182	242	66028	666.3
80	177	241	64676	647.5
75	163	238	60720	594.6
70	149	235	56566	542.4
65	136	231	52567	494.3
60	124	228	48708	450.2
55	112	224	44647	406.5
50	100	220	40592	362.2
45	88	215	36283	319.0
40	77	210	32198	279.5
35	67	205	28424	243.1
30	56	199	24095	204.1
25	46	192	20075	169.0
20	37	184	16364	137.7
15	27	172	12189	103.3
10	18	157	8302	72.3
5	8	127	3884	38.3
1	2	77	1169	16.9

Photometric test report

Family Floodlight FL11	Order number: 5XA779416H01AA EAN: 4058352851289	LP number 59257_37
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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
10.0	84900.0	948.1
25.0	66090.0	667.2