
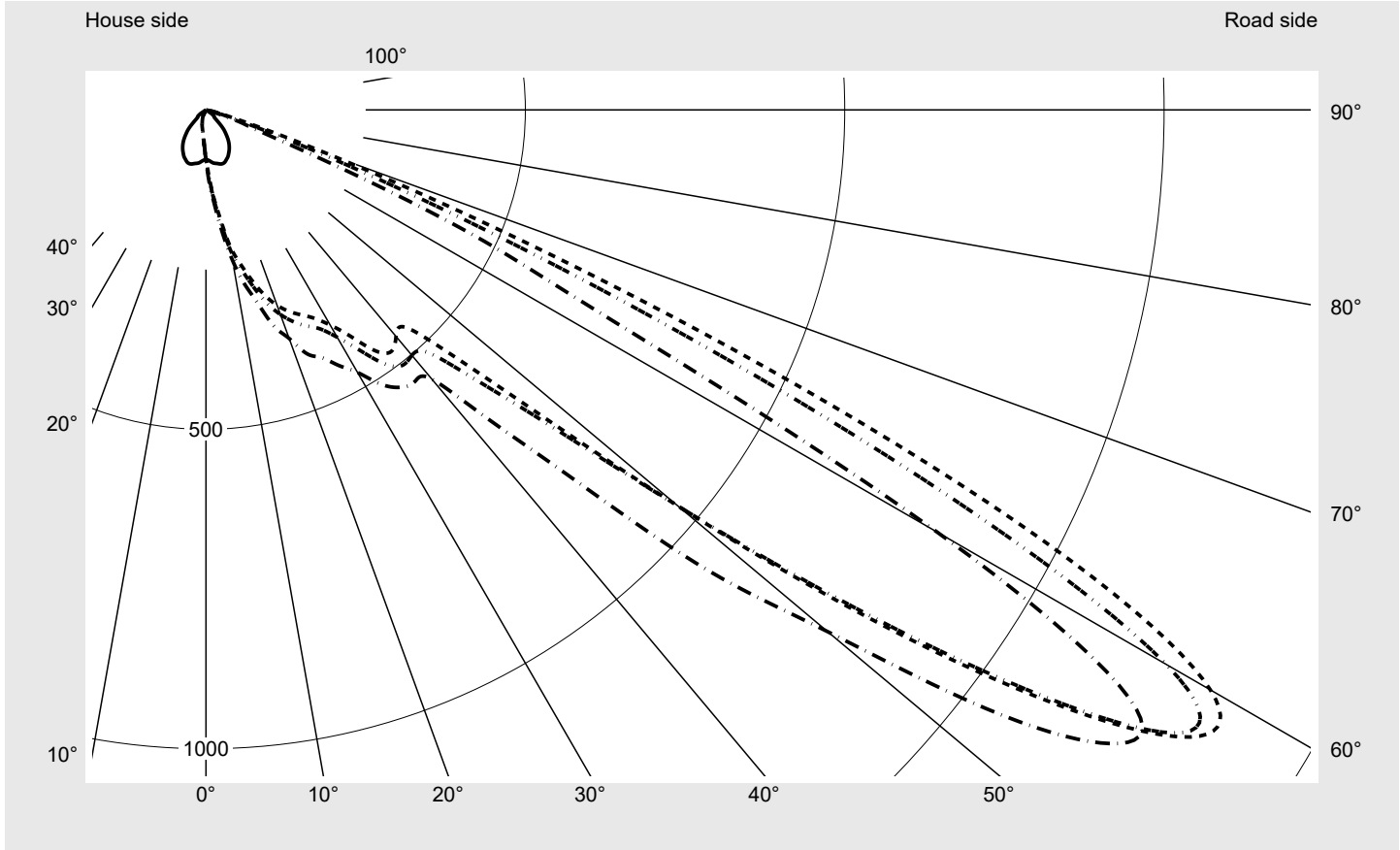


Photometric test report

Family Floodlight FL11	Order number: 5XA779415H01AA EAN: 4058352851227	LP number 59257_36
	Version standard bracket Optic asymmetric distribution PL33T with Back Light Control Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear ECG-DALI Rated values Ta = 10 °C Net luminous flux = 80050 lm Power consumption = 917.8 W Luminous efficacy = 87.2 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

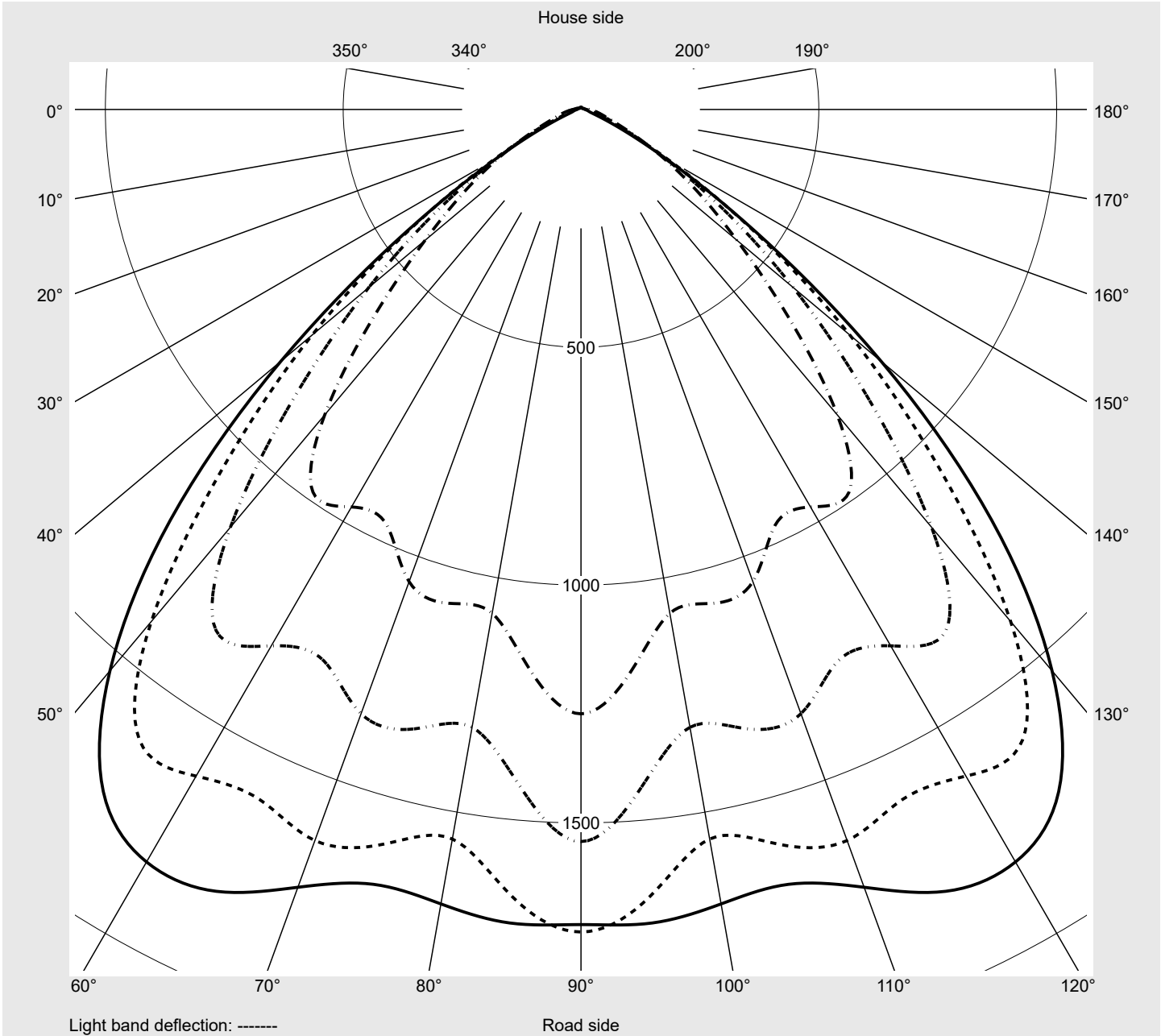
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight FL11	Order number: 5XA779415H01AA EAN: 4058352851227	LP number 59257_36
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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: 5XA779415H01AA EAN: 4058352851227	LP number 59257_36
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: 5XA779415H01AA EAN: 4058352851227	LP number 59257_36
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: 5XA779415H01AA EAN: 4058352851227	LP number 59257_36
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: 5XA779415H01AA EAN: 4058352851227	LP number 59257_36
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sitEco

Dimming levels table environmental temperature: 10°C

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	80050	917.8
95	233	251	75993	839.5
90	215	248	71986	772.2
85	199	245	68074	713.3
80	183	242	63914	654.0
75	169	239	60019	602.4
70	155	236	55990	551.7
65	142	233	52085	504.6
60	129	229	48066	458.0
55	117	226	44188	415.2
50	104	221	39963	368.6
45	93	217	36189	329.9
40	81	212	31966	287.8
35	70	207	28000	249.1
30	59	201	23911	210.5
25	49	194	20143	176.3
20	38	184	15847	138.7
15	28	173	11906	104.9
10	18	157	7840	71.2
5	9	132	4086	41.3
1	2	77	1108	16.9

Dimming levels table environmental temperature: 25°C

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	---	---	---	---
95	---	---	---	---
90	---	---	---	---
85	---	---	---	---
80	---	---	---	---
79	175	240	59960	619.7
75	165	238	57322	583.3
70	151	235	53433	532.3
65	138	232	49705	486.0
60	125	228	45814	439.6
55	113	224	42000	397.1
50	101	220	38236	354.8
45	89	216	34194	312.7
40	78	211	30397	274.6
35	68	206	26886	239.3
30	57	199	22863	201.5
25	47	192	19108	167.5
20	37	184	15267	133.8
15	27	172	11381	100.4
10	18	157	7762	70.4
5	8	127	3627	37.5
1	2	77	1098	16.7

Photometric test report

Family Floodlight FL11	Order number: 5XA779415H01AA EAN: 4058352851227	LP number 59257_36
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Luminousfluxs table **siteco**

Temperature °C	Luminous flux lm	Power consumption W
10.0	80050.0	917.8
25.0	60030.0	620.8