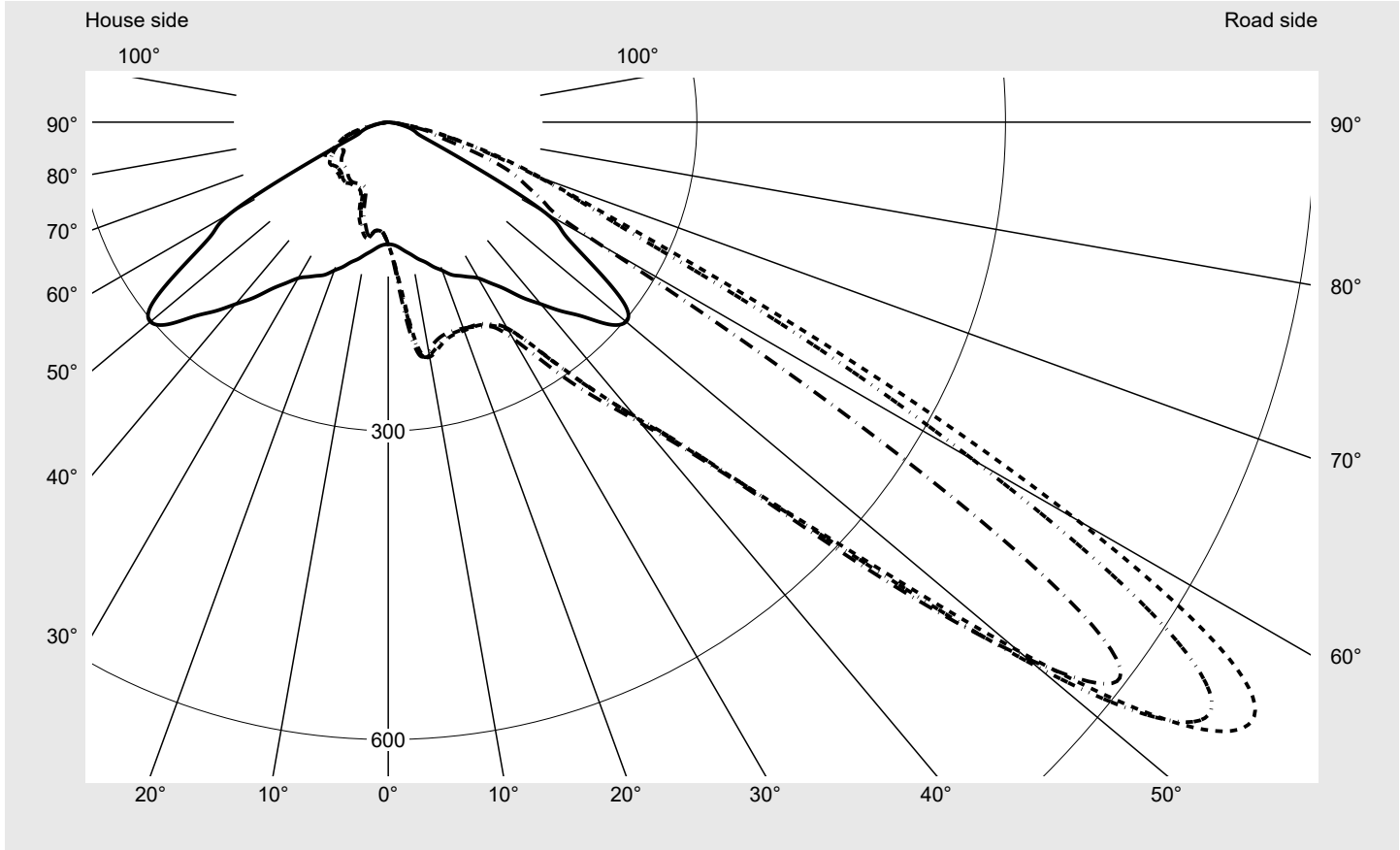


Photometric test report

Family Floodlight FL11	Order number: 5XA779425V01AA EAN: 4058352977743	LP number 59472_7
	Version standard bracket Optic asymmetric distribution PL64 Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear ECG-DALI Rated values Ta = 10 °C Net luminous flux = 206660 lm Power consumption = 1539.3 W Luminous efficacy = 134.3 lm/W	serial documentation 23.08.2023



Luminous intensity in cd/klm
C180-0
C240-60
C245-65
C270-90
Imax: 1021 cd/klm



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

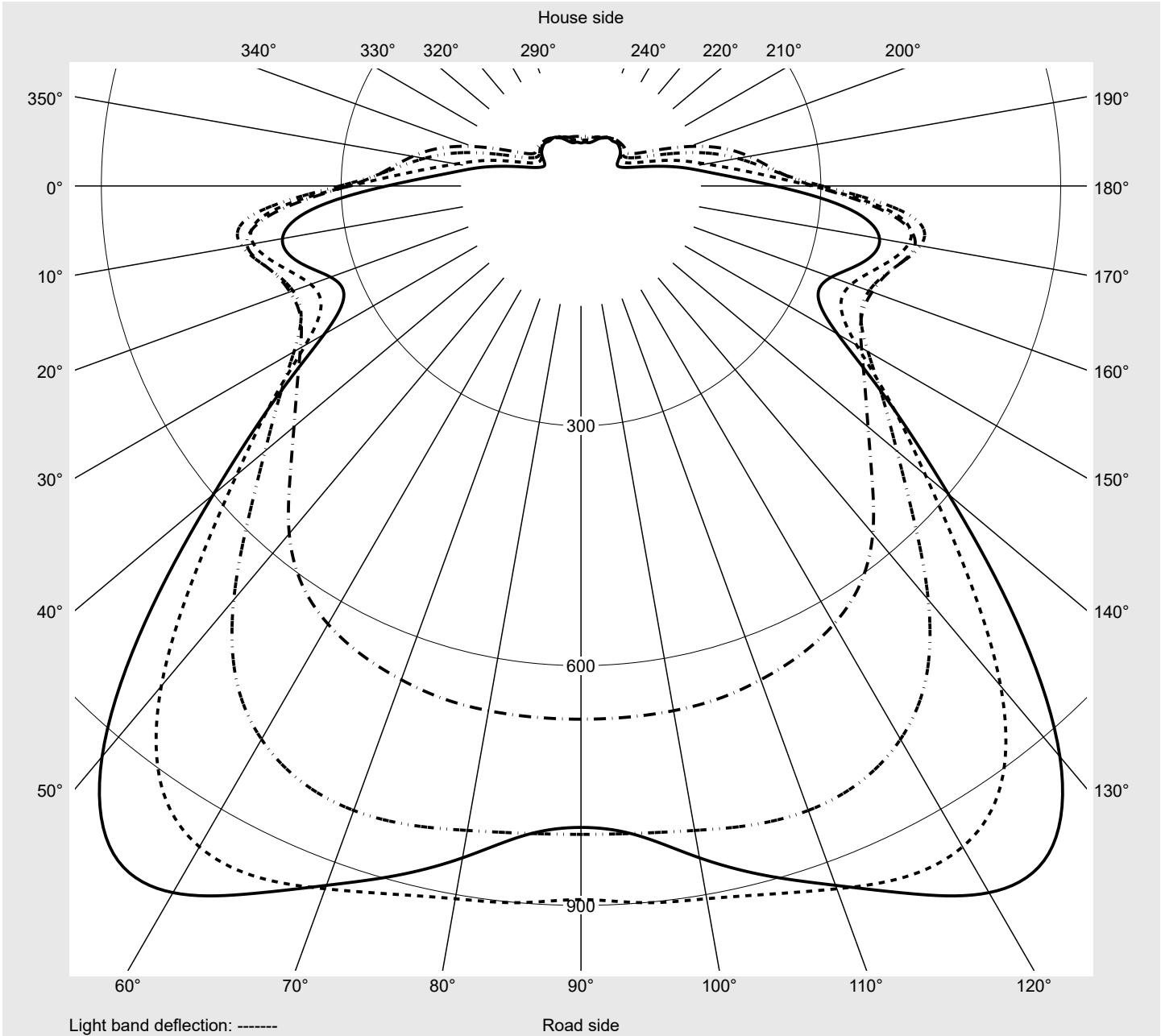
Luminous intensity class acc. to EN13201-2	
Class:	G6
Imax 70°	158.5
Imax 80°	24.0
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
 DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight FL11	Order number: 5XA779425V01AA EAN: 4058352977743	LP number 59472_7
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Envelope curve in cd/klm **KMK 55°** **KMK 52.5°** **KMK 50°** **KMK 47.5°** **siteco**



Photometric test report

Family Floodlight FL11	Order number: 5XA779425V01AA EAN: 4058352977743	LP number 59472_7
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Table of values for luminous intensities Maximum luminous intensity

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°	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7
2,5°	119.5	120.9	122.4	124.1	125.8	127.4	129.0	130.6	132.2	133.6	134.9	135.9	137.0
5,0°	122.3	125.8	129.6	133.3	137.2	141.3	145.4	149.9	154.6	159.2	163.8	168.3	172.8
7,5°	126.5	132.0	138.1	144.5	151.3	159.4	168.6	179.1	190.2	200.5	209.2	215.6	220.2
10,0°	130.9	139.0	147.4	156.8	168.5	183.1	199.3	214.0	224.2	229.7	232.4	232.6	231.8
12,5°	136.3	146.7	157.8	172.0	191.1	212.1	226.7	234.2	236.2	234.5	231.6	228.3	225.3
15,0°	141.0	154.0	168.5	188.5	213.0	230.0	237.6	237.6	233.7	229.4	225.5	221.7	218.7
17,5°	147.6	162.6	180.1	207.1	229.0	239.2	238.8	234.4	229.6	225.5	221.6	218.4	215.9
20,0°	153.4	170.9	193.3	221.5	238.9	242.1	238.4	233.8	229.7	225.5	221.5	218.1	215.5
22,5°	160.5	179.7	207.1	234.4	245.6	244.2	241.1	237.7	233.5	228.3	223.1	218.8	215.5
25,0°	164.8	186.8	218.2	242.9	249.2	248.8	248.2	245.4	239.9	233.1	226.3	220.8	217.3
27,5°	169.6	194.1	227.7	248.3	253.8	257.5	259.1	255.6	248.6	240.1	232.1	226.6	223.3
30,0°	175.1	202.7	236.8	254.3	261.8	269.1	271.2	266.8	258.7	250.0	243.1	237.3	233.0
32,5°	185.6	216.2	250.3	266.9	276.4	284.4	285.7	279.4	271.3	265.4	260.3	255.3	254.0
35,0°	198.0	233.3	269.0	286.5	299.5	305.4	301.8	293.4	289.7	288.9	288.0	288.1	288.1
37,5°	215.2	255.7	292.3	314.0	330.8	328.0	314.6	310.7	315.3	321.3	326.6	328.3	328.4
40,0°	230.8	280.3	323.6	349.8	357.7	344.6	332.6	335.8	347.0	361.7	372.5	376.1	375.0
42,5°	249.1	308.5	362.0	378.6	371.0	360.8	358.1	365.9	384.0	406.1	425.1	432.5	430.8
45,0°	267.0	343.3	395.4	393.0	380.0	376.1	384.1	400.6	425.2	456.4	489.1	508.7	514.6
47,5°	290.9	385.2	424.4	403.1	387.5	387.2	405.2	433.4	468.7	514.7	567.8	608.5	632.9
50,0°	301.8	411.6	431.0	402.8	383.5	386.3	414.5	460.4	516.0	588.4	675.8	752.3	799.3
52,5°	288.8	393.5	416.1	388.3	359.8	358.9	398.1	473.0	562.4	681.0	816.7	915.4	954.6
55,0°	242.9	338.1	379.2	366.2	333.3	327.3	370.8	469.1	600.3	770.6	932.0	1019.8	1020.8
57,5°	203.2	264.4	322.8	325.6	307.1	308.2	353.7	473.3	645.9	816.0	952.7	1011.0	967.8
60,0°	176.9	218.8	282.7	301.7	302.6	320.1	369.6	512.6	680.9	794.2	870.1	863.1	772.6
62,5°	100.6	147.9	213.6	250.4	276.8	321.6	416.7	580.8	682.3	701.5	658.3	589.3	526.4
65,0°	52.2	75.3	126.0	166.1	202.5	264.7	379.0	503.6	557.9	482.0	403.1	361.8	327.9
67,5°	33.4	45.5	77.7	114.5	140.6	173.8	233.5	302.4	314.1	261.9	219.3	214.6	215.7
70,0°	28.7	34.1	45.8	69.0	93.0	107.1	129.9	149.4	153.2	125.9	115.4	137.6	158.5
72,5°	25.2	28.2	29.2	34.1	48.0	59.5	67.5	60.0	40.3	46.0	63.2	93.8	115.2
75,0°	20.6	22.2	23.2	28.6	30.2	39.7	42.5	26.8	29.1	36.0	44.1	60.6	76.0
77,5°	14.1	15.7	16.9	21.3	23.0	28.4	27.9	21.0	21.6	26.1	29.9	41.2	49.7
80,0°	9.2	10.0	12.2	14.4	17.3	18.2	18.2	15.6	14.4	17.4	17.5	22.6	24.0
82,5°	5.5	6.1	8.1	9.6	11.7	12.6	11.7	10.1	8.6	9.8	9.7	9.9	10.0
85,0°	2.5	3.0	4.2	5.3	6.0	6.3	5.6	4.6	3.6	2.8	2.7	2.8	3.0
87,5°	0.9	1.1	1.3	1.4	1.5	1.4	1.2	1.0	0.9	0.8	0.9	0.9	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: 5XA779425V01AA EAN: 4058352977743	LP number 59472_7
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°	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7
2,5°	138.0	138.7	139.3	140.0	140.8	140.9	117.9	116.5	115.3	114.2	113.1	112.3	111.5
5,0°	176.8	180.1	183.0	185.2	187.0	187.5	119.2	116.4	114.1	112.2	110.6	109.4	108.5
7,5°	223.1	225.2	226.1	226.7	227.2	227.5	121.5	117.5	114.4	112.0	110.5	109.5	108.6
10,0°	230.2	228.7	227.2	226.2	225.6	225.7	124.0	118.8	115.2	113.0	111.5	110.5	109.9
12,5°	222.6	220.6	218.9	217.8	217.0	217.1	127.0	120.4	116.4	114.3	113.1	113.5	115.7
15,0°	216.5	215.1	214.1	213.3	212.9	213.3	129.6	121.8	117.7	115.8	116.6	119.5	120.5
17,5°	214.4	213.4	212.7	212.3	212.1	212.5	133.2	124.3	119.9	119.3	122.7	123.3	120.9
20,0°	214.1	213.6	213.2	213.0	213.1	213.3	137.1	127.4	123.4	126.6	126.9	123.9	116.6
22,5°	214.3	214.4	214.7	215.0	215.1	215.5	141.6	131.5	130.1	133.5	129.8	121.1	112.4
25,0°	216.2	216.9	218.0	218.7	219.0	219.2	144.8	135.6	139.1	137.9	129.9	118.0	107.7
27,5°	221.4	221.4	222.7	224.2	224.9	225.3	148.8	141.1	148.2	141.8	128.2	114.5	99.6
30,0°	231.3	233.0	236.6	240.1	242.2	243.1	154.8	149.7	156.9	144.7	125.6	108.0	89.9
32,5°	254.6	257.7	262.7	267.4	270.4	271.7	164.4	162.0	166.2	147.7	123.8	99.9	84.5
35,0°	289.2	292.3	297.4	302.4	305.8	307.3	176.3	176.8	173.6	149.1	120.8	94.1	82.0
37,5°	329.5	331.1	334.3	338.5	341.3	342.6	189.7	187.5	178.7	151.6	120.7	94.9	82.2
40,0°	373.3	373.3	375.2	378.3	380.7	381.9	201.5	195.6	181.9	155.8	121.6	97.2	83.0
42,5°	427.9	427.5	429.7	432.8	434.9	435.9	213.0	203.0	186.2	161.1	124.4	97.5	82.2
45,0°	515.9	516.7	519.4	522.7	524.5	524.6	228.5	211.1	186.6	157.6	119.9	91.7	77.6
47,5°	647.7	657.3	664.1	666.6	667.1	667.1	241.9	213.6	182.8	144.4	107.2	82.1	71.3
50,0°	823.6	831.4	827.5	818.7	812.9	811.2	237.2	198.9	160.0	117.9	86.6	70.6	65.1
52,5°	954.4	935.7	917.1	905.4	900.0	892.7	208.7	158.6	123.3	89.3	68.1	60.6	60.6
55,0°	976.9	931.1	893.0	853.5	815.6	802.4	171.6	131.0	95.0	68.3	55.6	52.4	57.3
57,5°	866.1	761.2	674.8	597.6	539.1	514.3	155.1	115.7	79.1	56.8	48.7	47.5	53.9
60,0°	657.6	553.5	435.7	331.3	258.5	238.3	137.5	95.3	65.7	50.4	43.4	44.7	50.5
62,5°	454.3	354.9	248.8	185.2	174.2	172.9	91.7	61.1	55.6	46.0	39.3	39.9	45.7
65,0°	283.3	224.2	165.4	154.7	151.8	150.6	55.4	44.9	47.1	42.1	36.8	36.0	39.7
67,5°	203.8	163.6	142.4	137.1	134.0	131.8	39.2	38.4	38.9	37.8	35.3	33.6	35.9
70,0°	154.3	127.7	119.4	113.4	105.6	101.9	29.8	33.0	35.2	34.9	32.9	30.9	33.4
72,5°	107.0	89.2	82.5	76.1	68.1	64.5	24.7	26.7	29.6	29.3	27.7	26.7	28.3
75,0°	73.6	60.1	54.2	53.5	49.0	46.2	21.4	23.0	23.8	23.4	22.6	21.8	21.8
77,5°	43.5	36.8	35.5	41.0	40.5	37.4	15.8	17.8	17.7	16.9	17.1	16.0	15.3
80,0°	22.6	21.6	21.1	23.7	20.1	17.7	10.0	11.6	11.6	11.4	11.2	10.3	9.6
82,5°	9.7	9.3	9.3	9.6	7.9	7.0	5.9	6.6	7.0	7.0	6.5	5.9	5.5
85,0°	2.9	2.8	2.5	2.4	2.3	2.3	2.8	3.2	3.6	3.2	3.0	2.9	2.6
87,5°	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.2	1.2	1.2	1.1	1.1
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: 5XA779425V01AA EAN: 4058352977743	LP number 59472_7
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°	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	0.2	0.2
2,5°	110.8	110.2	109.6	109.2	108.8	108.5	108.3	108.2	108.1	107.7	107.7	1.5	1.6
5,0°	107.8	107.2	106.7	106.4	106.0	105.7	105.5	105.4	105.2	105.0	104.9	3.2	4.8
7,5°	107.8	107.1	106.8	106.9	107.4	107.9	108.5	109.0	109.3	109.4	109.3	5.4	10.2
10,0°	110.4	111.9	113.3	113.9	114.3	114.1	113.5	112.9	112.3	111.8	111.4	7.6	17.8
12,5°	117.2	117.6	116.5	114.2	111.2	108.5	106.4	104.7	103.5	102.6	102.2	9.6	27.4
15,0°	119.4	115.6	111.1	107.2	103.5	100.3	97.6	95.5	93.8	92.6	92.0	11.4	38.8
17,5°	115.0	109.5	104.3	99.2	93.8	88.0	82.5	78.0	75.0	73.3	72.6	13.1	51.9
20,0°	109.9	103.3	95.5	86.2	78.0	72.9	70.2	68.6	67.6	67.0	66.7	14.9	66.8
22,5°	104.0	93.0	81.4	74.7	71.6	69.7	68.3	67.3	66.5	66.0	65.8	16.7	83.5
25,0°	94.5	81.7	75.5	72.3	70.4	69.0	68.0	67.2	66.6	66.1	65.9	18.7	102.3
27,5°	85.0	77.8	73.8	71.4	70.0	69.2	68.6	67.9	67.4	67.0	66.8	20.9	123.1
30,0°	80.9	76.0	72.9	71.0	70.0	69.5	69.1	68.5	68.0	67.6	67.6	23.4	146.5
32,5°	78.2	74.6	72.3	71.0	70.5	70.3	69.7	68.9	68.2	67.7	67.5	26.6	173.1
35,0°	76.1	73.5	72.5	72.4	72.0	71.2	70.0	68.6	67.5	66.7	66.3	30.5	203.6
37,5°	75.6	73.3	73.4	73.8	73.0	71.1	69.0	67.1	65.5	64.6	64.3	35.1	238.7
40,0°	76.1	74.0	73.9	74.0	72.1	69.3	66.7	64.3	62.8	62.1	61.7	40.2	279.0
42,5°	76.9	74.8	73.9	72.8	70.4	67.2	64.6	62.9	61.7	61.1	60.9	46.2	325.2
45,0°	75.7	74.6	73.0	72.0	69.6	66.4	63.8	62.4	61.3	60.7	60.5	53.7	378.9
47,5°	72.1	72.9	72.8	72.1	69.5	66.2	63.7	62.7	62.6	62.2	61.9	63.4	442.3
50,0°	67.2	71.2	72.5	71.6	69.5	66.6	65.2	63.1	60.8	59.8	59.6	73.9	516.3
52,5°	64.4	69.3	71.6	70.8	69.2	68.2	63.9	60.6	58.3	57.8	57.1	81.7	597.9
55,0°	64.2	68.0	70.0	68.7	69.4	67.3	62.5	57.6	54.9	55.0	53.8	83.2	681.1
57,5°	62.3	67.1	67.2	66.0	66.6	65.8	60.2	55.2	52.9	52.6	51.1	76.1	757.2
60,0°	57.3	64.1	64.3	62.2	63.1	63.2	58.7	54.8	53.1	55.2	56.2	65.5	822.7
62,5°	51.2	57.8	61.2	58.7	58.9	59.2	57.8	56.8	62.8	70.0	69.3	53.9	876.6
65,0°	46.0	50.6	55.4	54.9	54.3	55.7	57.4	66.3	66.7	59.9	56.9	40.4	917.0
67,5°	39.9	43.1	46.6	48.3	49.4	51.9	60.8	65.3	58.0	53.0	50.7	28.1	945.1
70,0°	33.8	34.3	37.9	40.4	42.2	47.5	59.1	60.1	51.6	47.0	45.7	19.5	964.6
72,5°	26.5	26.0	26.8	30.1	34.3	41.5	47.9	49.8	43.4	38.3	37.0	12.6	977.3
75,0°	20.0	17.9	19.3	21.6	25.3	33.0	36.3	36.9	34.0	30.0	28.4	9.1	986.4
77,5°	13.7	12.6	13.0	14.9	17.2	22.7	24.4	24.6	24.0	21.6	19.8	6.5	992.8
80,0°	8.4	8.1	8.4	9.3	10.4	12.2	13.9	14.2	14.0	13.2	12.2	3.9	996.8
82,5°	4.9	4.6	4.7	5.2	5.6	6.0	6.8	6.8	6.5	6.2	5.7	2.1	998.9
85,0°	2.4	2.2	2.2	2.2	2.2	2.2	2.1	2.0	2.0	2.0	2.0	0.8	999.7
87,5°	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	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

Photometric test report

Family Floodlight FL11	Order number: 5XA779425V01AA EAN: 4058352977743	LP number 59472_7
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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	----	----	----	----
99	252	254	205410	1526.7
95	238	252	196449	1439.7
90	222	249	185783	1341.4
85	207	247	175587	1249.6
80	193	244	165625	1164.3
75	178	241	155105	1073.3
70	164	238	144510	989.0
65	151	235	134538	910.7
60	138	232	124339	832.9
55	125	228	113957	755.4
50	112	224	103175	677.8
45	100	220	93080	607.1
40	88	215	82685	536.4
35	76	210	72138	466.2
30	65	204	62080	401.9
25	54	197	52066	337.2
20	42	188	40978	268.8
15	31	177	30686	208.0
10	21	163	20823	145.6
5	10	136	10229	76.6
1	3	91	2921	32.4

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	206	246	170491	1234.8
85	205	246	169806	1228.8
80	191	244	160261	1144.2
75	176	241	150075	1053.3
70	162	238	139962	969.6
65	148	234	129708	885.7
60	135	231	119734	808.6
55	123	228	110372	737.7
50	110	223	99890	660.8
45	98	219	90050	590.2
40	86	214	79889	520.0
35	74	209	69662	450.4
30	63	203	59636	386.8
25	52	196	49767	322.8
20	41	187	39795	260.7
15	31	177	30503	206.1
10	20	161	19751	137.0
5	10	136	10199	75.8
1	3	92	2915	32.0

Photometric test report

Family Floodlight FL11	Order number: 5XA779425V01AA EAN: 4058352977743	LP number 59472_7
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Luminousfluxs table **sITeco**

Temperature °C	Luminous flux lm	Power consumption W
10.0	206660.0	1539.3
25.0	171920.0	1247.9