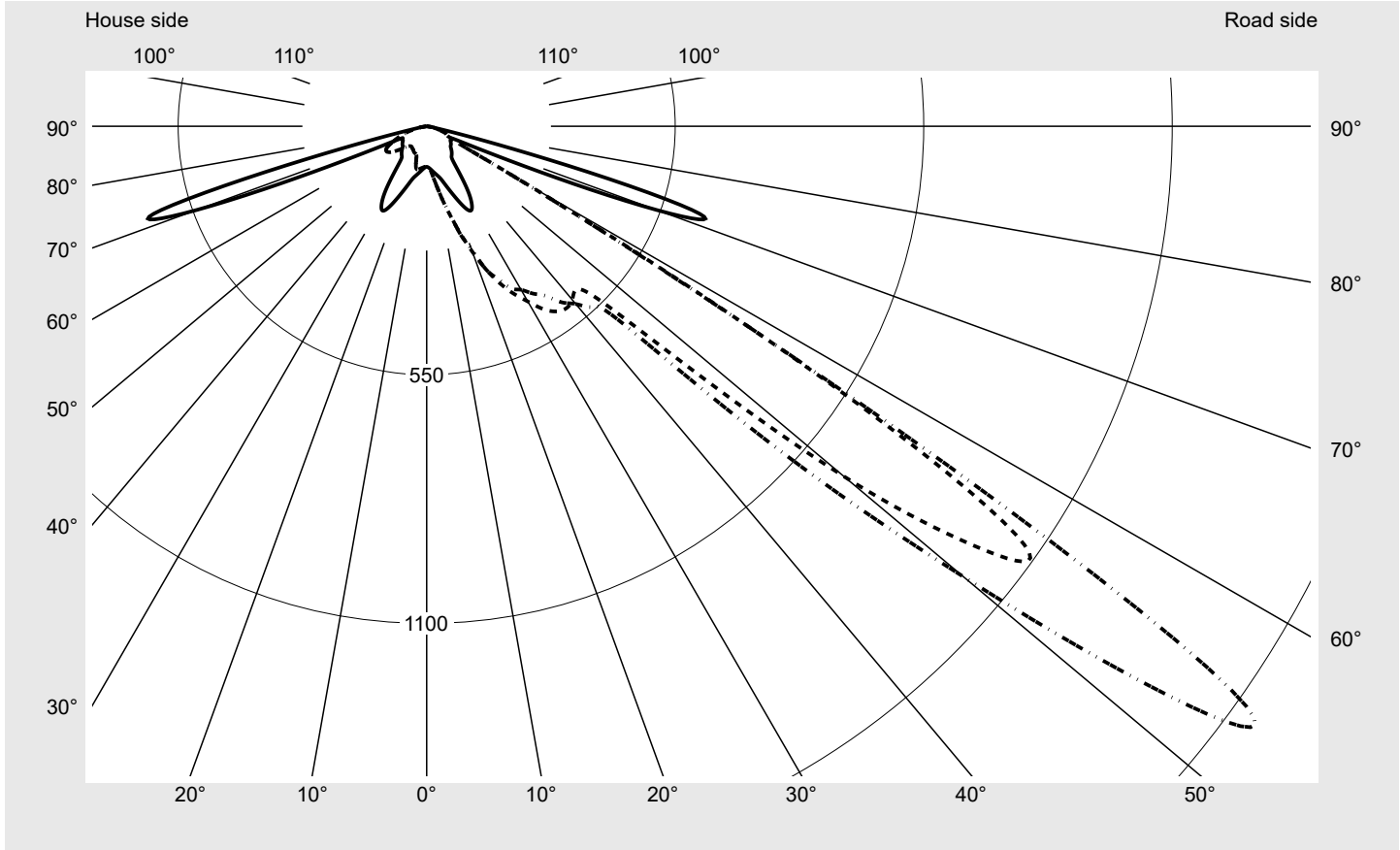


Photometric test report

Family Floodlight FL11	Order number: 5XA779126G01AA EAN: 4058352851005	LP number 59242_9
	Version standard bracket Optic asymmetric distribution PL33 Cover toughened safety glass Lamps LED 4000 K CRI ≥ 70 Controlgear ECG-DALI Rated values Ta = 10 °C Net luminous flux = 170850 lm Power consumption = 1387.6 W Luminous efficacy = 123.1 lm/W	serial documentation 02.11.2023



Luminous intensity in cd/klm C180-0 C265-85 C270-90 **Imax: 2172 cd/klm**



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

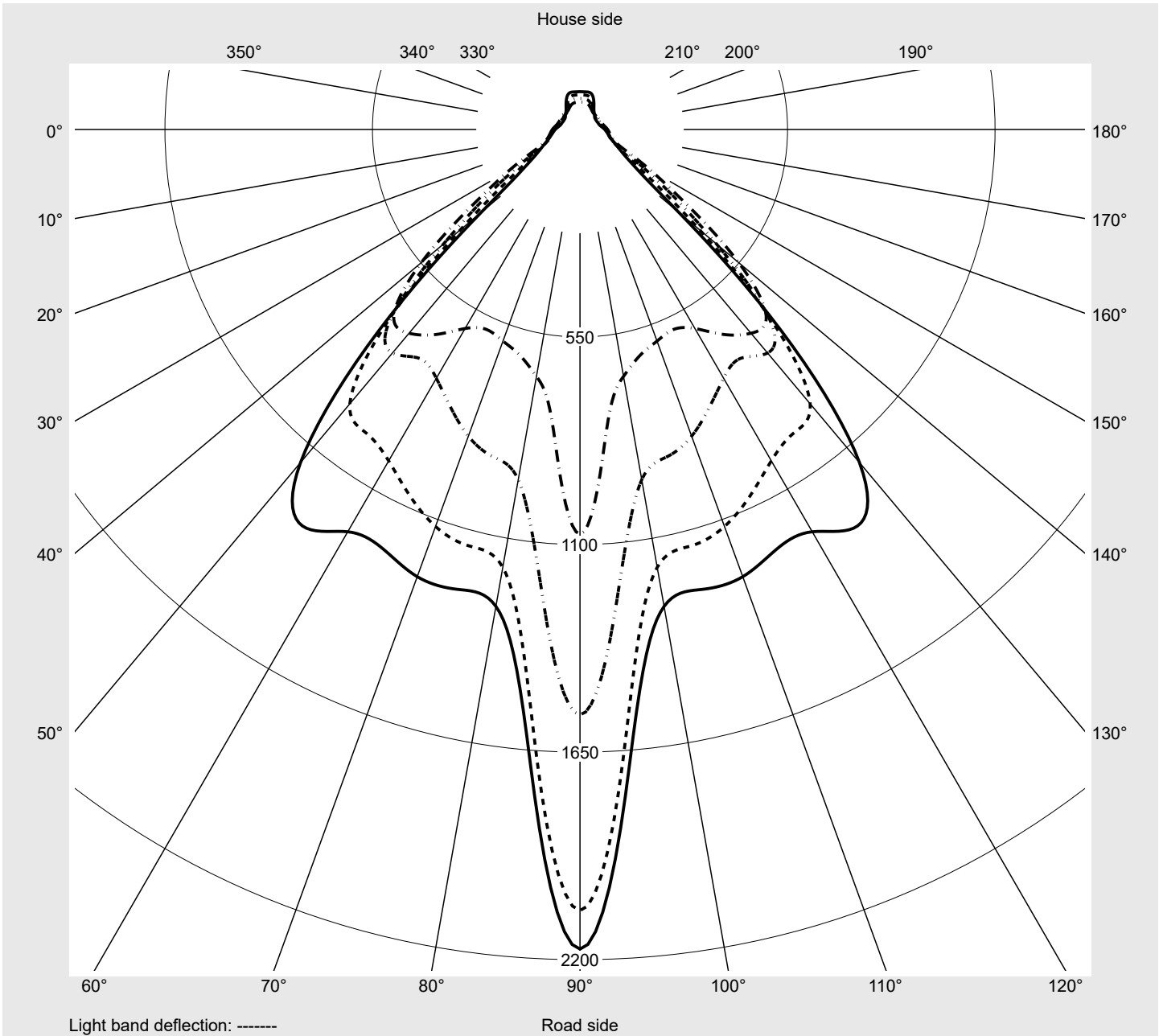
Luminous intensity class acc. to EN13201-2	
Class:	G3
Imax 70°	597.1
Imax 80°	17.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
 DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight FL11	Order number: 5XA779126G01AA EAN: 4058352851005	LP number 59242_9
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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: 5XA779126G01AA EAN: 4058352851005	LP number 59242_9
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°	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
2,5°	91.5	91.5	91.5	91.5	91.4	91.4	91.4	91.3	91.3	91.1	91.0	90.8	90.7
5,0°	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.5	95.7	96.0	96.3	96.5	96.8
7,5°	100.2	100.4	100.5	100.8	101.3	102.2	103.5	105.3	107.5	109.8	111.9	113.5	114.7
10,0°	105.8	106.2	107.0	108.6	111.6	116.4	122.5	129.1	135.2	140.2	143.8	145.7	146.4
12,5°	112.1	113.1	115.7	121.6	131.3	144.1	157.4	169.6	179.5	186.5	190.4	191.4	190.0
15,0°	120.4	122.6	128.8	141.9	160.7	181.8	202.2	219.9	233.4	242.1	245.8	245.1	241.2
17,5°	134.5	138.5	149.5	171.2	199.2	229.9	259.8	286.2	305.8	318.3	322.2	318.2	308.4
20,0°	152.8	158.9	175.6	206.0	243.9	283.9	321.1	353.7	381.0	403.2	416.3	417.4	403.5
22,5°	174.6	184.5	207.6	245.0	286.4	326.0	360.0	390.0	418.1	446.4	472.3	492.4	498.8
25,0°	197.6	211.8	239.8	280.3	323.3	362.1	394.1	421.8	448.3	473.9	499.0	523.6	544.2
27,5°	210.6	231.0	265.1	311.5	358.9	394.2	432.5	461.6	487.5	509.2	526.0	540.7	555.4
30,0°	199.9	224.4	264.4	318.7	373.6	420.8	461.4	497.4	526.8	545.2	553.0	555.1	555.9
32,5°	170.4	195.6	237.8	296.3	357.8	416.7	471.0	523.3	563.4	580.0	578.1	569.0	556.7
35,0°	125.9	145.1	184.1	244.4	313.8	385.9	456.6	529.2	591.2	613.1	600.8	579.7	557.3
37,5°	94.1	102.5	125.5	172.6	242.7	332.8	425.5	518.8	603.0	639.5	623.0	589.3	559.1
40,0°	85.7	90.2	99.2	122.6	168.2	254.5	372.1	499.6	603.2	659.3	649.4	603.5	559.7
42,5°	82.2	86.8	91.9	105.4	133.5	195.4	301.4	467.2	603.5	670.8	671.6	618.2	556.5
45,0°	78.1	82.7	87.0	94.8	113.2	162.3	246.8	402.6	593.1	680.7	686.3	637.4	564.7
47,5°	73.3	77.5	82.1	88.7	101.2	135.8	215.6	342.7	549.3	697.8	705.0	663.1	609.1
50,0°	69.1	73.5	77.9	83.6	94.0	118.1	177.3	287.9	472.3	710.1	773.4	740.8	761.4
52,5°	67.6	71.9	76.1	81.8	92.2	112.4	148.9	227.9	413.8	722.9	948.9	984.2	1014.1
55,0°	65.5	70.4	76.3	83.3	94.6	111.0	136.0	186.8	341.8	754.2	1152.2	1282.6	1231.0
57,5°	62.8	69.6	78.6	88.1	100.7	114.8	134.9	171.7	221.3	573.8	1000.2	1255.1	1253.7
60,0°	61.1	70.0	82.1	95.0	107.8	118.2	131.7	162.4	154.5	186.0	429.5	717.8	757.9
62,5°	61.7	73.7	88.4	102.5	113.0	115.9	116.9	134.3	133.0	93.1	107.9	177.8	237.9
65,0°	67.6	85.8	98.8	105.9	108.2	102.7	95.3	97.6	106.1	75.7	61.5	64.5	70.9
67,5°	202.1	253.8	217.4	146.6	99.5	80.2	71.1	66.2	68.4	61.9	51.6	51.2	52.0
70,0°	541.8	597.1	448.5	245.3	109.9	61.0	52.1	46.8	48.0	48.2	45.4	45.2	44.8
72,5°	615.2	573.0	359.3	204.2	107.4	49.3	37.3	35.4	37.3	38.7	38.3	38.0	37.0
75,0°	235.5	183.2	99.8	46.0	59.2	36.6	27.6	28.3	29.7	30.7	30.1	30.5	29.7
77,5°	41.7	38.1	28.1	25.3	26.3	21.8	20.4	21.4	22.4	23.0	22.9	23.1	22.8
80,0°	16.8	15.0	14.0	15.7	16.3	14.4	14.0	14.5	15.8	15.9	15.5	15.5	15.5
82,5°	9.2	8.4	8.4	9.0	9.8	8.5	8.6	8.7	9.0	9.1	8.8	9.1	9.1
85,0°	4.1	4.0	3.9	4.1	4.5	4.1	4.0	4.1	3.9	3.9	3.8	3.7	3.6
87,5°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.1	1.1	1.2	1.2
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: 5XA779126G01AA EAN: 4058352851005	LP number 59242_9
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°	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
2,5°	90.6	90.5	90.5	90.5	90.5	91.0	91.5	91.4	91.4	91.3	91.1	90.9	90.8
5,0°	97.0	97.3	97.5	97.6	97.8	97.1	95.2	95.1	95.0	94.7	94.5	94.2	93.9
7,5°	115.3	115.6	115.6	115.5	115.4	115.6	100.2	100.0	99.8	99.5	99.1	98.7	98.2
10,0°	146.1	144.9	143.3	141.7	140.7	138.6	105.6	105.3	105.0	104.6	104.1	103.4	102.7
12,5°	186.9	182.6	178.1	174.1	171.5	171.1	111.6	111.1	110.6	110.0	109.2	108.4	107.5
15,0°	234.8	226.9	218.9	211.8	207.2	203.5	119.3	118.4	117.4	116.3	115.0	113.7	112.3
17,5°	295.5	281.5	268.1	256.9	249.9	253.2	132.0	129.4	127.2	124.7	122.1	119.6	117.2
20,0°	378.0	348.5	324.0	306.1	295.5	288.8	148.9	143.7	138.8	133.9	129.2	124.8	120.5
22,5°	483.5	442.8	394.0	359.9	342.6	342.5	167.4	159.4	150.6	142.1	134.3	127.2	117.8
25,0°	550.9	530.3	475.3	415.0	383.3	372.8	185.3	172.4	158.7	146.0	135.3	122.8	106.5
27,5°	568.0	568.5	541.2	474.2	418.0	404.5	192.6	174.7	157.4	143.0	129.9	111.7	90.8
30,0°	559.1	562.9	558.1	518.8	447.7	417.8	179.2	160.0	143.8	132.6	119.1	99.6	82.3
32,5°	545.2	540.7	542.3	535.6	479.5	439.2	151.0	135.0	124.0	117.5	107.2	93.8	80.9
35,0°	532.7	514.8	512.4	520.9	500.1	457.9	113.7	106.3	103.0	101.2	96.8	90.0	81.1
37,5°	526.3	498.0	489.1	503.8	507.6	491.0	89.5	87.2	87.0	87.2	88.3	85.8	79.6
40,0°	518.5	481.7	466.2	480.1	501.2	513.5	81.8	78.8	76.6	75.7	77.8	79.3	76.4
42,5°	507.6	465.9	442.4	452.3	490.2	542.3	77.9	74.4	71.1	68.4	68.1	70.6	70.5
45,0°	511.6	479.8	466.4	486.5	550.9	631.0	73.4	69.2	66.0	63.5	61.7	62.2	64.0
47,5°	585.1	596.8	618.7	664.4	802.2	1072.3	68.4	64.0	61.1	59.5	58.5	57.2	58.1
50,0°	811.9	865.0	897.1	942.5	1205.4	1551.1	64.0	59.7	57.3	56.0	55.3	54.2	54.0
52,5°	1069.4	1119.6	1142.1	1178.4	1521.9	2069.9	61.6	56.8	54.3	53.0	52.3	51.6	51.3
55,0°	1228.9	1261.2	1261.5	1283.4	1615.2	2171.9	60.0	55.1	52.1	50.8	49.5	49.0	49.2
57,5°	1152.5	1053.1	965.7	941.7	1046.1	1101.7	58.2	53.7	50.3	48.5	47.1	46.7	47.8
60,0°	663.1	519.9	400.3	320.4	250.2	237.0	55.2	52.5	49.2	47.0	46.3	46.7	49.1
62,5°	224.4	162.5	113.0	83.8	69.7	64.1	53.6	50.0	49.2	49.6	50.2	51.6	54.6
65,0°	69.9	62.0	56.1	53.5	51.6	52.0	55.0	49.9	51.9	55.1	58.6	61.6	63.8
67,5°	52.7	51.4	54.6	59.3	50.8	47.3	107.8	63.9	64.5	67.6	71.0	70.9	69.2
70,0°	45.5	46.1	72.5	82.0	52.1	42.8	265.1	114.3	76.8	71.5	67.9	62.6	57.9
72,5°	36.9	37.0	52.0	55.7	42.7	32.5	206.7	63.3	45.3	48.2	42.3	37.3	34.5
75,0°	29.1	28.7	34.3	37.2	30.5	25.1	69.9	29.5	25.0	25.6	24.2	23.1	23.3
77,5°	22.0	21.2	24.4	25.9	22.5	17.9	25.7	20.0	17.9	17.6	17.1	16.9	17.0
80,0°	15.1	14.5	15.9	16.4	14.7	13.0	16.8	14.1	12.4	11.8	11.4	11.2	11.1
82,5°	8.8	8.5	8.8	8.9	8.3	7.4	9.9	8.7	7.6	7.0	6.7	6.3	6.3
85,0°	3.5	3.4	3.3	3.3	3.2	3.4	4.2	4.0	3.6	3.2	3.0	2.9	2.7
87,5°	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.0	1.0	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: 5XA779126G01AA EAN: 4058352851005	LP number 59242_9
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°	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	0.1	0.1
2,5°	90.6	90.4	90.2	90.1	90.0	89.9	89.9	89.9	89.9	89.8	89.9	1.1	1.2
5,0°	93.6	93.2	92.9	92.5	92.2	92.0	91.8	91.7	91.7	91.5	91.5	2.3	3.5
7,5°	97.6	96.9	96.3	95.7	95.2	94.7	94.3	94.1	93.8	93.6	93.6	3.7	7.2
10,0°	101.9	101.1	100.3	99.5	98.7	98.1	97.5	97.0	96.7	96.4	96.2	5.5	12.7
12,5°	106.5	105.5	104.3	103.2	102.2	101.2	100.2	99.4	98.7	98.0	97.7	7.9	20.6
15,0°	110.8	109.1	107.4	105.4	102.9	100.3	97.8	95.6	94.0	92.8	92.3	11.0	31.6
17,5°	114.8	111.6	105.9	98.3	90.9	85.4	81.8	79.6	78.0	76.7	76.0	14.8	46.4
20,0°	114.8	105.1	92.8	82.1	75.2	71.8	70.3	69.7	68.8	67.5	66.9	19.5	65.9
22,5°	104.2	88.8	77.3	72.6	70.6	69.0	67.8	67.3	66.7	65.8	65.3	24.7	90.6
25,0°	89.2	76.8	72.0	70.5	69.2	67.9	66.8	66.0	65.5	64.8	64.4	29.7	120.3
27,5°	76.9	70.8	69.7	69.0	68.1	67.1	65.7	64.4	63.5	62.8	62.4	34.3	154.6
30,0°	71.9	69.2	68.3	67.7	66.8	65.3	63.4	61.8	60.7	60.1	59.8	37.9	192.5
32,5°	72.4	68.3	66.8	65.7	64.4	62.9	61.3	59.8	59.0	58.6	58.3	40.3	232.9
35,0°	72.6	67.2	64.7	63.2	62.1	61.0	59.7	58.2	57.2	56.7	56.3	41.4	274.3
37,5°	72.1	65.4	62.2	61.1	60.5	59.3	58.2	57.2	56.6	56.1	55.8	41.9	316.2
40,0°	70.3	63.7	60.2	59.3	58.8	58.3	58.0	57.9	57.7	57.4	57.0	42.3	358.5
42,5°	66.7	61.7	58.5	57.7	58.1	59.0	59.7	60.3	60.6	60.2	59.9	42.9	401.5
45,0°	63.0	59.4	56.8	57.1	58.8	61.0	63.2	64.7	65.5	65.4	65.1	44.9	446.4
47,5°	59.3	57.2	56.0	57.5	60.6	64.6	68.7	71.4	72.5	72.7	72.5	51.9	498.3
50,0°	55.3	55.8	56.0	58.7	63.7	70.2	76.5	80.7	81.8	82.1	82.1	64.5	562.8
52,5°	52.4	54.9	56.6	60.9	68.2	77.5	86.3	91.1	92.0	91.9	92.0	79.7	642.5
55,0°	50.7	54.7	58.4	64.1	73.8	85.8	96.4	101.2	100.9	100.2	100.1	90.6	733.1
57,5°	50.6	55.4	61.1	68.5	80.1	93.6	104.7	108.4	106.3	104.5	104.1	77.5	810.6
60,0°	52.8	58.4	66.7	74.1	84.9	98.4	108.8	110.7	106.6	103.7	103.1	43.6	854.2
62,5°	58.4	65.0	80.6	89.5	87.7	99.2	107.7	107.4	101.3	97.4	96.4	23.9	878.1
65,0°	65.8	71.8	102.3	119.4	92.6	95.1	100.2	97.4	89.2	84.4	83.0	19.4	897.6
67,5°	68.0	70.4	111.1	138.4	101.7	85.1	85.3	81.6	74.2	71.7	69.5	22.2	919.7
70,0°	55.5	55.7	82.1	117.3	93.8	75.8	73.7	69.5	61.4	61.7	58.0	29.7	949.4
72,5°	36.4	39.0	47.1	64.2	63.4	60.8	59.8	54.4	47.5	49.2	46.7	24.9	974.3
75,0°	25.7	29.6	34.7	40.9	45.3	45.0	43.1	36.9	32.0	34.4	33.0	12.1	986.4
77,5°	18.1	21.0	23.8	26.7	29.4	30.9	29.2	24.5	21.7	22.1	21.7	6.3	992.8
80,0°	11.4	12.8	14.5	15.8	16.7	17.6	15.7	13.6	12.3	11.6	11.4	3.9	996.7
82,5°	6.4	6.8	7.3	7.3	7.8	7.8	6.6	5.8	5.3	5.1	5.1	2.1	998.8
85,0°	2.6	2.6	2.4	2.3	2.0	1.9	2.0	2.0	2.0	2.0	2.0	0.9	999.7
87,5°	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	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: 5XA779126G01AA EAN: 4058352851005	LP number 59242_9
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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	170850	1387.6
95	233	251	162494	1269.1
90	214	248	153642	1162.0
85	198	245	145286	1072.1
80	182	242	136592	982.0
75	168	239	128257	903.8
70	154	236	119429	826.3
65	141	232	111300	755.0
60	128	229	102651	684.1
55	116	225	93688	618.9
50	103	221	85262	548.6
45	91	216	76487	484.7
40	80	212	68112	426.3
35	69	206	59538	367.6
30	59	201	51445	314.6
25	48	193	43159	256.7
20	38	184	34036	205.4
15	28	173	25598	154.3
10	19	159	17166	108.3
5	9	132	8675	57.9
1	2	77	2332	20.9

Dimming levels table environmental temperature: 25°C

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	---	---	---	---
95	---	---	---	---
92	216	248	149341	1165.0
90	210	247	146600	1131.2
85	194	244	138566	1042.0
80	178	241	130600	952.2
75	163	238	122296	868.9
70	150	235	114061	797.4
65	137	232	106223	726.8
60	124	228	97860	656.5
55	113	224	89661	597.4
50	99	220	81449	522.1
45	89	216	73606	469.2
40	78	211	65492	411.4
35	67	205	57080	352.8
30	57	199	48973	300.8
25	46	192	40574	243.8
20	37	184	32834	198.0
15	27	172	24489	147.6
10	18	157	16457	102.0
5	8	127	7734	52.3
1	2	77	2313	20.6

Photometric test report

Family Floodlight FL11	Order number: 5XA779126G01AA EAN: 4058352851005	LP number 59242_9
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Luminousfluxs table **siteco**

Temperature °C	Luminous flux lm	Power consumption W
10.0	170850.0	1387.6
25.0	150270.0	1176.7