

Lichttechnischer Prüfbefund

Familie
Floodlight FL11

Bestell-Nr.: 5XA779415C01BA
EAN: 4058352607695

LP-Nummer
59236_19



Ausführung Bügel gekröpft
Optik asymmetrisch strahlend PL61
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 3000 K | CRI ≥ 70
Betriebsgerät EVG
Bemessungswerte Ta = 10 °C
Nettolichtstrom = 94640 lm
Systemleistung = 707.9 W
Lichtausbeute = 133.7 lm/W

Seriendokumentation
14.03.2023

sitEco

Lichtstärke in cd/klm

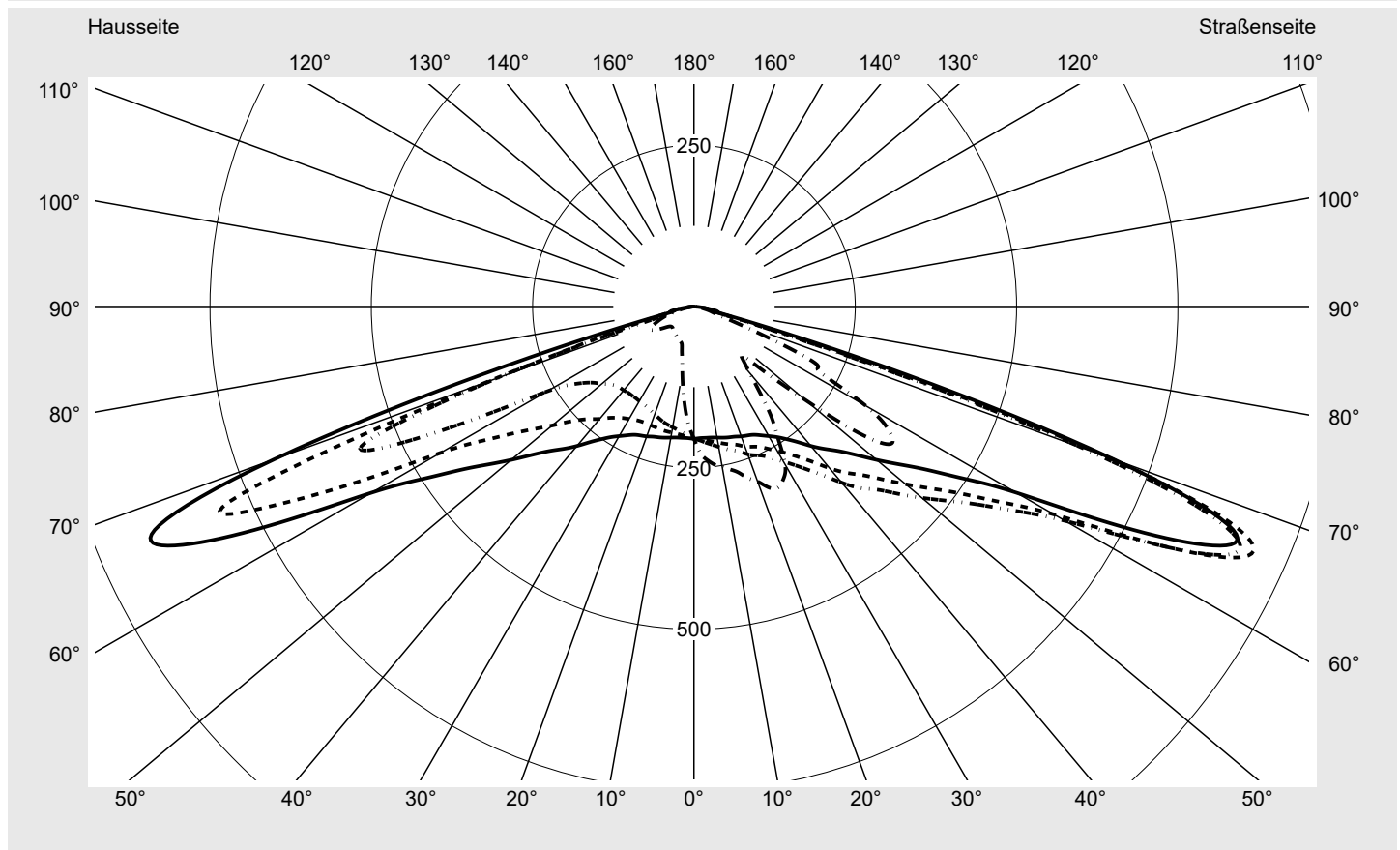
C180-0

C185-5

C190-10

C270-90

Imax: 924 cd/klm



Leuchtenbetriebswirkungsgrade

Eta 100.0%
Eta 0° - 90° 100.0%
Eta 90° - 180° 0.0%

Lichtstärkeklasse nach EN13201-2

Klasse: G3
Imax 70° 692.3
Imax 80° 30.4
Imax 90° 0.0
Imax >90° 0.0
Imax >95° 0.0

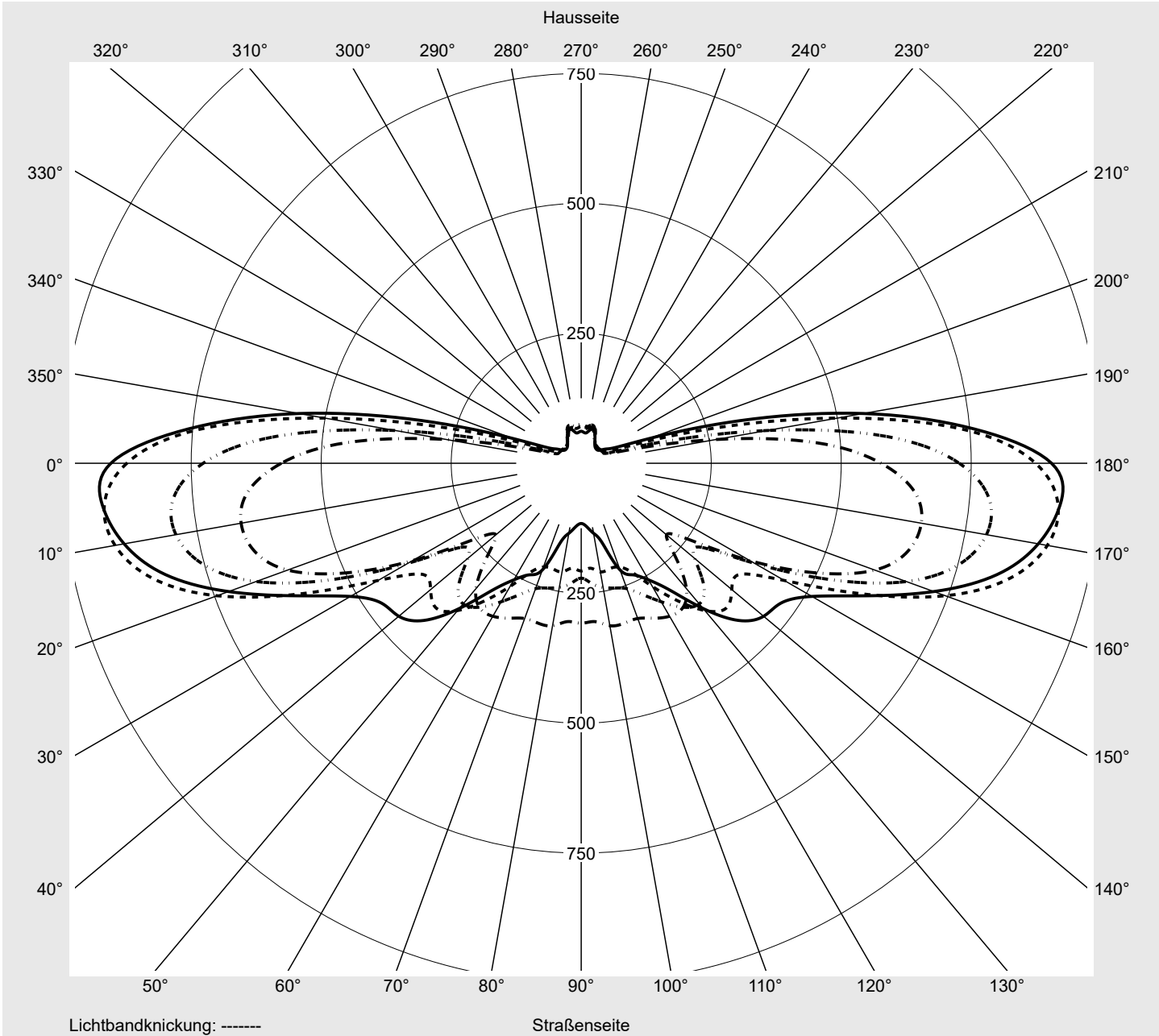
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 67,5°** **KMK 65°** **KMK 62,5°** **KMK 60°** **siteco**



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Familie Floodlight FL11	Bestell-Nr.: 5XA779415C01BA EAN: 4058352607695	LP-Nummer 59236_19
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
siteco		

C- Ebenen	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	Lichtstärke 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

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
siteco		

C- Ebenen	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	Lichtstärke 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

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm											Lichtstrom 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

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Familie Floodlight FL11	Bestell-Nr.: 5XA779415C01BA EAN: 4058352607695	LP-Nummer 59236_19
Dimmstufen-Tabelle		sitEco
Umgebungstemperatur: 10°C		

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	254	94640	707.9
95	237	89830	659.2
90	222	85293	616.1
85	206	80386	570.9
80	191	75590	528.5
75	177	70924	489.3
70	163	66144	450.2
65	150	61574	414.3
60	136	56713	375.3
55	123	51860	339.7
50	111	47272	306.8
45	99	42646	274.0
40	87	37947	240.8
35	75	33041	208.3
30	64	28547	179.0
25	52	23463	147.1
20	41	18718	118.0
15	31	14399	91.8
10	20	9481	63.1
5	9	4504	34.6
2	3	1744	18.1

Dimmstufen-Tabelle

Umgebungstemperatur: 25°C

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	254	91390	702.9
95	236	86681	651.5
90	220	82175	605.8
85	204	77536	560.8
80	189	72972	518.6
75	175	68531	479.4
70	161	63991	440.7
65	148	59538	405.1
60	134	54830	366.3
55	121	50136	330.9
50	109	45708	298.4
45	97	41164	265.9
40	85	36569	233.1
35	74	32179	203.6
30	62	27326	171.9
25	51	22752	142.9
20	40	18079	114.1
15	30	13835	88.2
10	19	8952	59.9
5	9	4465	34.3
2	3	1729	17.9

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779415C01BA EAN: 4058352607695	LP-Nummer 59236_19
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Lichtstrom-Tabelle	sITeco
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Temperatur °C	Lichtstrom lm	Systemleistung W
10.0	94640.0	707.9
25.0	91390.0	702.9