

Lichttechnischer Prüfbefund

Familie
Floodlight FL11



Bestell-Nr.: 5XA779215V01AB
EAN: 4069025140968

AusführungBügel gekröpft

Optikasymmetrisch strahlend PL64

AbdeckungEinscheibensicherheitsglas (ESG)

BestückungLED 3000 K | CRI ≥ 70

BetriebsgerätEVG-DMX

BemessungswerteTa = 0 °C
Nettolichtstrom = 164540 lm
Systemleistung = 1271.9 W
Lichtausbeute = 129.4 lm/W

LP-Nummer
59472_151

Seriodokumentation
17.10.2024

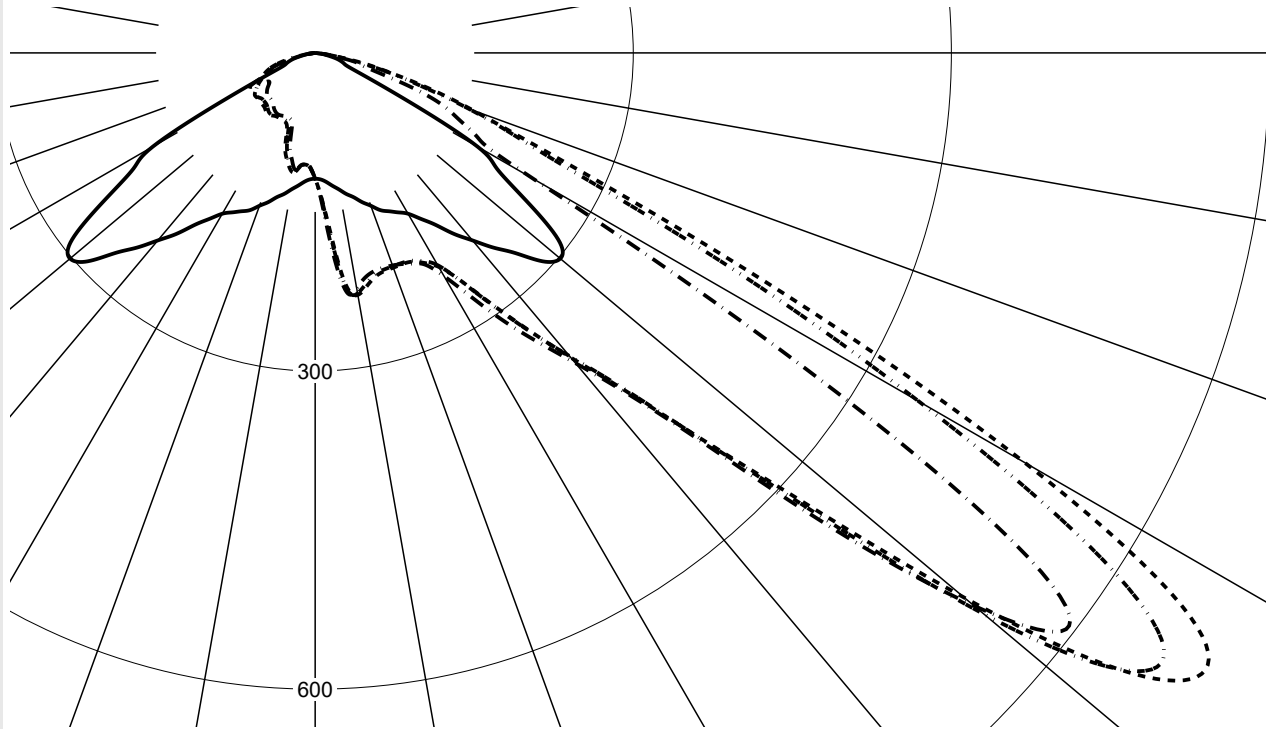
siteco

Lichtstärke in cd/klm

C180-0C240-60C245-65C270-90

Imax: 1021 cd/klm

Hausseite100°180°100°Straßenseite



Leuchtenbetriebswirkungsgrade		Lichtstärkeklasse nach EN13201-2	
Eta	100.0%	Klasse:	G6
Eta 0° - 90°	100.0%	Imax 70°	158.5
Eta 90° - 180°	0.0%	Imax 80°	24.0
		Imax 90°	0.0
		Imax >90°	0.0
		Imax >95°	0.0
Messbedingungen			
DIN EN 13032 und DIN 5032			

Siteco GmbH | Georg-Simon-Ohm-Straße 50 | D-83301 Traunreut

Irrtum und Änderung vorbehalten
Toleranzen nach IEC 62722

LP 59472 | Floodlight FL11 | 5XA779215V01AB

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Kegelmantelkurven in cd/klm

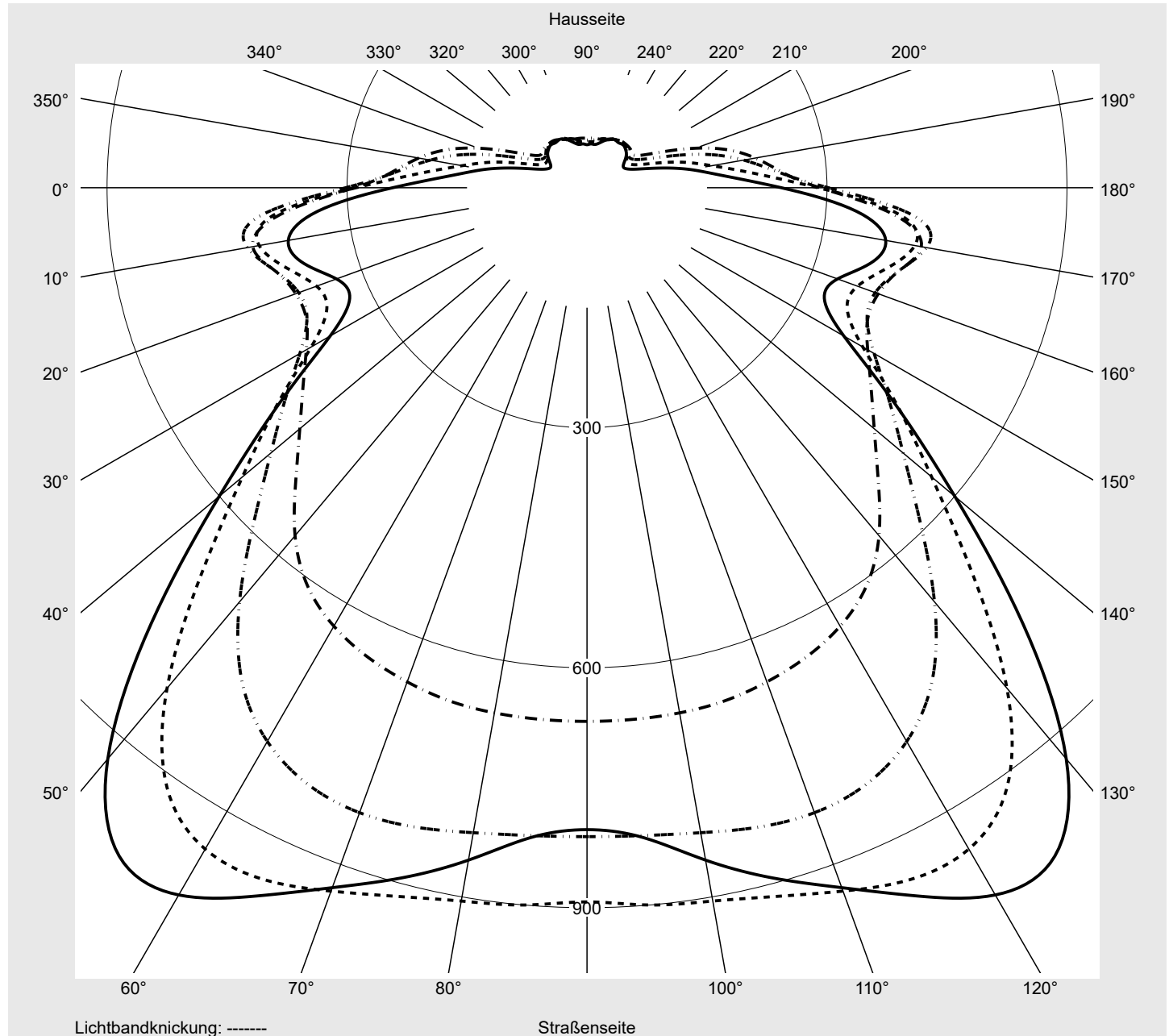
KMK 55°

KMK 52,5°

KMK 50°

KMK 47,5°

siteco



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Familie Floodlight FL11				Bestell-Nr.: 5XA779215V01AB EAN: 4069025140968								LP-Nummer 59472_151	
Wertetabelle Lichtstärkemessung												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°	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

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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°	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	

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Wertetabelle Lichtstärkemessung												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°	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

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Dimmstufen-Tabelle Umgebungstemperatur: 0°C		siteco

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----
95	238	156213	1185.5
90	222	148169	1105.1
85	206	139673	1024.9
80	191	131479	950.4
75	177	123517	880.7
70	163	115221	811.7
65	149	106695	742.5
60	136	98525	678.8
55	123	90258	615.6
50	111	82402	557.2
45	99	74267	499.0
40	87	66039	441.5
35	75	57556	383.8
30	64	49605	331.5
25	53	41346	279.6
20	42	33004	228.1
15	31	24576	177.6
10	20	16068	117.0
5	10	8111	65.7
1	2	1506	25.2

Dimmstufen-Tabelle Umgebungstemperatur: 25°C	
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Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----
95	----	----	----
90	----	----	----
85	----	----	----
80	----	----	----
78	----	----	----
75	173	117660	850.7
70	159	109859	782.1
65	146	102213	718.5
60	133	94510	655.2
55	120	86619	592.7
50	107	78399	530.3
45	95	70527	473.1
40	83	62491	416.1
35	72	54845	363.8
30	61	47078	312.5
25	51	39631	266.2
20	40	31369	215.6
15	30	23855	170.0
10	19	15350	110.5
5	10	8160	64.6
1	2	1518	24.8

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779215V01AB EAN: 4069025140968	LP-Nummer 59472_151
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
0.0	164540.0	1271.9
25.0	121940.0	890.1