

Lichttechnischer Prüfbefund

Familie
Floodlight FL11



Bestell-Nr.: 5XA779716T01AB
EAN: 4069025144249

AusführungBügel gekröpft

Optikasymmetrisch strahlend PL33T

AbdeckungEinscheibensicherheitsglas (ESG)

BestückungLED 4000 K | CRI ≥ 70

BetriebsgerätEVG-DMX

BemessungswerteTa = 0 °C
Nettolichtstrom = 166320 lm
Systemleistung = 1272.3 W
Lichtausbeute = 130.7 lm/W

LP-Nummer
59517_236

Seriodokumentation
17.10.2024

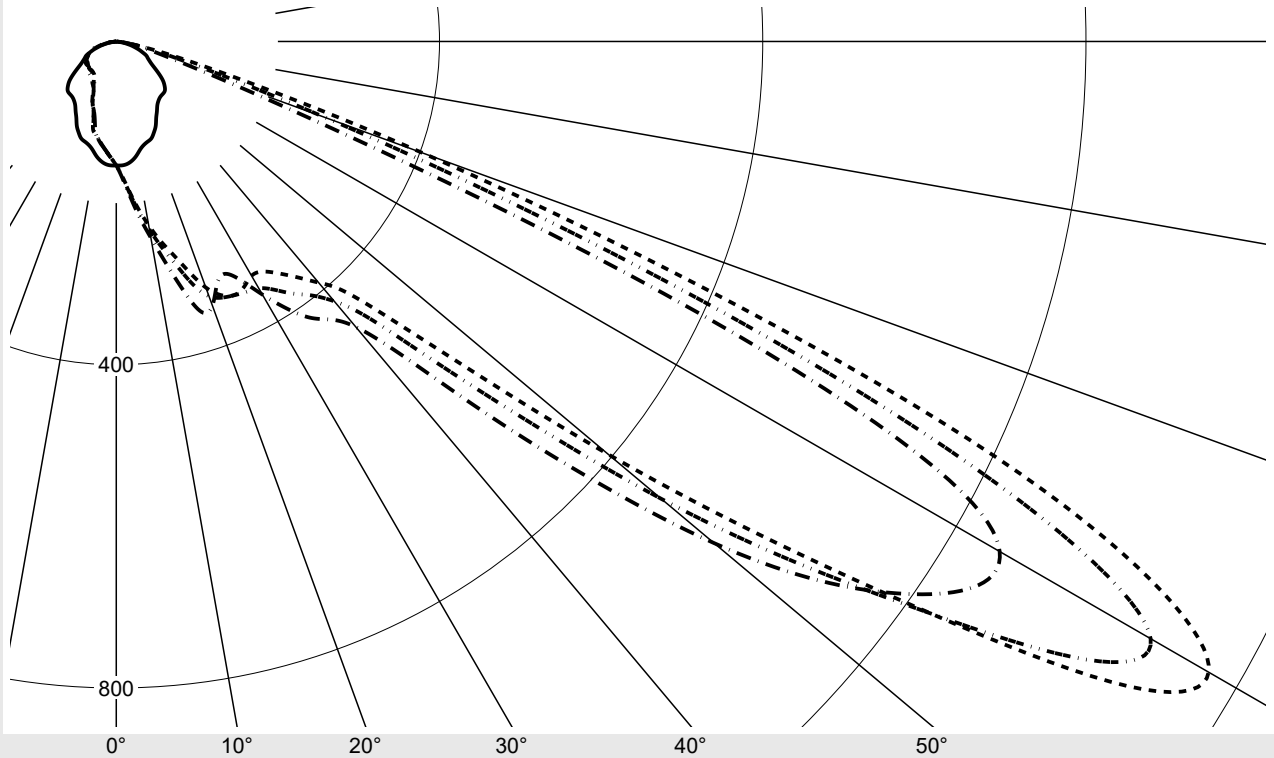
siteco

Lichtstärke in cd/klm

C180-0C245-65C250-70C270-90

Imax: 1561 cd/klm

HausseiteStraßenseite



Leuchtenbetriebswirkungsgrade		Lichtstärkeklasse nach EN13201-2	
Eta	100.0%	Klasse:	G4
Eta 0° - 90°	100.0%	Imax 70°	438.4
Eta 90° - 180°	0.0%	Imax 80°	22.0
		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 59517 | Floodlight FL11 | 5XA779716T01AB

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Kegelmantelkurven in cd/klm

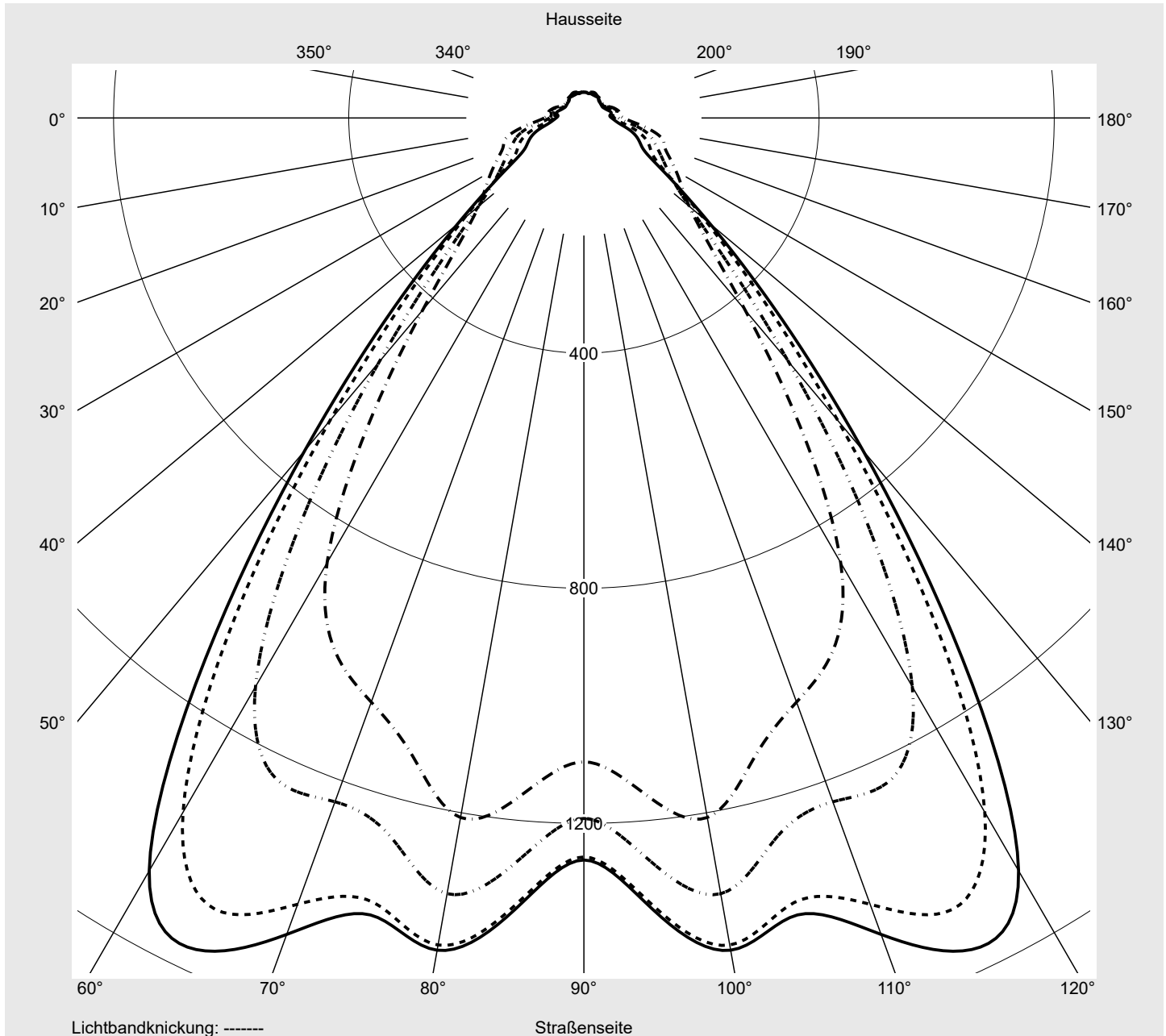
KMK 60°

KMK 57.5°

KMK 55°

KMK 52.5°

sit^{eco}



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Familie Floodlight FL11					Bestell-Nr.: 5XA779716T01AB EAN: 4069025144249							LP-Nummer 59517_236		
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°	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	
2,5°	153.5	154.7	156.0	157.2	158.4	159.5	160.6	161.7	162.7	163.7	164.6	165.4	166.2	
5,0°	152.2	154.7	157.5	160.4	163.2	166.0	168.9	171.8	174.6	177.3	179.8	182.2	184.4	
7,5°	148.8	152.6	156.9	161.4	165.9	170.6	175.9	180.9	185.9	191.0	196.0	200.7	205.0	
10,0°	143.5	148.0	153.6	159.8	166.5	173.4	180.8	188.8	196.8	204.4	211.8	218.7	225.1	
12,5°	136.9	142.5	149.3	157.0	165.3	174.6	185.0	195.6	206.1	216.0	225.4	234.7	243.8	
15,0°	132.4	139.4	147.4	156.2	165.8	176.6	188.6	201.1	213.3	225.3	237.2	248.9	261.0	
17,5°	129.8	138.9	148.6	158.9	170.0	182.1	195.0	207.8	220.7	234.1	248.2	263.6	280.5	
20,0°	127.4	138.0	149.7	162.4	175.8	189.2	202.6	216.6	231.7	247.4	265.4	285.7	306.3	
22,5°	121.8	134.6	148.8	164.4	179.8	194.7	210.5	229.0	248.6	269.7	291.2	312.3	329.5	
25,0°	115.4	128.3	144.2	162.3	179.5	196.7	217.6	241.2	264.8	286.9	307.6	325.1	338.1	
27,5°	107.0	120.3	137.3	156.9	176.4	200.1	228.1	254.7	276.7	291.5	303.3	315.3	329.3	
30,0°	100.5	112.4	130.0	152.0	177.7	209.2	242.0	270.6	283.9	285.3	286.8	295.9	313.6	
32,5°	94.4	106.8	125.8	153.6	186.7	224.7	263.0	287.7	287.8	278.9	276.0	286.6	309.0	
35,0°	90.6	102.5	125.1	157.8	197.1	241.6	281.0	294.7	287.3	277.3	277.0	293.5	320.0	
37,5°	88.2	102.3	128.5	162.3	205.4	253.8	283.2	285.2	279.0	277.2	283.6	304.3	336.6	
40,0°	87.1	102.6	129.4	167.8	212.0	255.2	271.2	268.6	270.6	280.5	293.2	316.4	352.3	
42,5°	86.6	103.1	132.1	176.4	217.8	247.4	255.2	255.7	269.9	288.1	304.2	330.1	371.6	
45,0°	85.2	102.9	135.1	178.0	211.2	227.5	236.8	250.0	272.6	292.9	312.1	352.6	419.7	
47,5°	81.1	101.2	135.7	170.5	193.7	203.3	220.2	242.8	265.2	289.3	324.4	401.1	514.1	
50,0°	75.5	96.5	130.7	157.0	169.6	180.7	202.2	225.7	248.3	284.1	357.0	499.5	672.6	
52,5°	67.5	85.1	114.4	138.2	146.4	161.2	181.1	203.2	233.8	297.3	426.7	642.1	873.6	
55,0°	58.9	70.4	95.7	116.2	129.0	142.9	159.9	185.0	234.4	340.3	541.8	838.2	1117.2	
57,5°	51.9	57.8	76.4	97.8	114.3	124.8	140.4	183.1	266.7	417.4	671.9	1032.2	1363.8	
60,0°	47.2	53.4	63.8	81.5	96.1	106.8	125.4	179.1	280.4	458.4	738.7	1121.7	1478.7	
62,5°	43.7	49.2	55.7	67.7	80.2	91.2	111.0	164.1	263.8	433.5	687.6	1065.2	1453.7	
65,0°	40.8	45.0	49.9	59.2	68.7	76.5	91.9	130.2	201.3	339.7	544.8	850.5	1236.6	
67,5°	35.3	40.1	43.3	50.2	55.8	59.1	65.1	85.3	130.7	222.0	359.1	551.7	806.5	
70,0°	30.2	34.6	38.1	42.9	45.0	44.1	45.3	54.9	81.1	138.7	228.3	341.7	438.4	
72,5°	24.5	28.7	32.5	35.0	35.1	34.5	31.8	35.9	51.0	83.4	130.3	190.0	237.4	
75,0°	19.4	22.3	25.7	26.9	25.7	26.2	22.6	24.7	33.2	53.0	80.9	114.0	134.8	
77,5°	13.6	16.3	18.0	18.2	18.0	19.1	16.4	18.0	23.2	34.4	46.3	54.8	54.6	
80,0°	9.1	10.4	11.2	9.6	11.2	12.0	10.2	11.6	13.8	14.2	11.7	12.6	15.7	
82,5°	4.9	6.0	5.5	5.0	5.8	6.1	5.5	6.1	6.8	5.9	5.9	6.4	7.8	
85,0°	2.1	2.4	2.2	2.2	2.2	2.4	2.2	2.4	2.5	2.5	2.7	2.9	3.2	
87,5°	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9	1.0	1.0	1.1	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	

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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°	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	
2,5°	166.9	167.5	167.9	168.2	168.8	168.9	152.6	151.7	150.7	149.8	148.9	148.1	147.4	
5,0°	186.3	188.0	189.3	190.2	191.3	191.5	150.2	148.3	146.7	145.1	143.6	142.5	141.5	
7,5°	208.8	212.1	214.8	216.7	218.3	218.7	145.9	143.4	141.5	139.7	137.9	136.3	135.0	
10,0°	231.0	236.2	240.4	243.5	246.0	246.7	139.5	136.7	134.6	132.5	130.5	129.3	128.3	
12,5°	252.8	261.1	268.3	274.0	278.3	279.4	132.5	129.3	126.9	124.7	123.0	122.1	121.4	
15,0°	273.5	286.1	297.8	307.8	315.3	317.7	127.1	123.5	120.2	117.9	116.3	115.0	113.5	
17,5°	298.5	315.1	329.1	340.6	348.5	351.0	123.1	118.3	114.4	111.7	109.6	107.5	106.4	
20,0°	324.0	335.4	341.5	345.2	347.5	347.9	118.7	112.6	108.3	105.2	102.6	100.9	99.8	
22,5°	339.9	343.1	339.3	333.0	327.7	325.5	112.5	105.7	100.8	97.4	95.0	93.3	92.6	
25,0°	346.1	346.4	339.3	329.1	320.7	317.3	104.8	97.7	92.8	89.5	87.3	85.6	77.4	
27,5°	342.4	349.2	346.7	340.0	334.7	332.7	97.3	90.2	85.6	82.6	80.4	72.7	68.0	
30,0°	334.8	352.6	361.4	361.9	361.0	361.6	91.0	84.4	80.2	77.6	73.3	64.6	63.0	
32,5°	337.6	364.3	380.7	386.5	388.9	391.4	86.7	80.7	76.4	73.9	66.1	61.6	60.0	
35,0°	350.3	380.8	400.8	409.8	413.8	417.1	83.0	78.2	74.3	70.9	63.0	60.4	57.6	
37,5°	367.8	396.0	417.4	427.0	431.0	433.7	80.3	76.6	73.7	67.3	62.4	58.4	54.4	
40,0°	389.5	419.7	441.8	455.1	459.5	461.1	78.4	74.4	72.1	63.9	59.0	55.4	52.1	
42,5°	420.8	465.9	501.1	527.7	532.2	532.2	76.3	71.5	68.1	62.2	56.9	53.2	50.4	
45,0°	495.0	564.9	622.6	666.4	664.2	658.6	73.9	68.2	63.4	59.3	54.1	50.9	48.8	
47,5°	618.4	704.8	777.8	839.5	823.9	808.3	71.2	66.1	60.5	56.2	50.8	47.2	45.6	
50,0°	795.0	880.6	957.4	1034.8	999.6	965.7	67.1	64.2	58.3	53.3	47.6	43.8	42.4	
52,5°	1001.2	1057.5	1124.3	1208.4	1151.9	1095.4	61.5	60.9	57.0	52.0	45.9	41.6	40.2	
55,0°	1239.9	1237.9	1266.8	1340.0	1266.8	1191.7	55.6	56.8	55.7	50.2	44.4	40.0	38.7	
57,5°	1485.1	1423.5	1381.8	1428.6	1344.5	1257.2	49.4	51.6	51.0	45.9	41.3	38.5	37.7	
60,0°	1560.9	1478.1	1403.6	1437.6	1352.2	1262.3	44.3	47.2	45.2	41.3	38.6	36.8	36.7	
62,5°	1443.4	1316.9	1237.3	1277.1	1214.8	1141.6	40.2	43.6	41.2	38.2	38.0	34.7	34.7	
65,0°	1162.2	977.8	893.2	903.2	851.1	796.1	35.6	39.6	37.9	35.1	37.7	33.5	32.3	
67,5°	745.1	572.2	483.6	445.3	393.9	356.5	31.0	34.3	34.0	32.0	34.0	30.2	29.8	
70,0°	403.1	275.5	207.6	185.5	164.2	149.9	27.1	28.2	29.4	27.6	28.2	25.8	26.1	
72,5°	188.8	127.1	103.1	92.6	82.9	76.5	22.7	23.9	24.0	22.5	22.0	21.2	21.5	
75,0°	91.4	68.9	61.6	56.0	49.6	47.0	17.3	17.3	17.5	17.6	18.7	19.3	17.4	
77,5°	45.5	41.6	38.0	36.2	30.1	29.3	11.8	11.7	12.1	13.3	13.4	16.2	13.8	
80,0°	20.0	22.0	21.6	21.0	17.8	16.6	7.6	7.9	8.2	8.4	9.1	9.7	8.9	
82,5°	9.7	9.9	9.9	10.6	9.1	8.5	4.3	4.8	5.2	5.3	5.3	4.8	4.8	
85,0°	3.4	3.5	3.5	3.8	3.7	3.6	2.0	2.2	2.6	2.5	2.5	2.2	2.4	
87,5°	1.3	1.3	1.4	1.4	1.5	1.5	0.7	0.7	0.8	0.9	1.0	1.1	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	

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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°	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	0.2	0.2
2,5°	146.7	146.1	145.6	145.1	144.8	144.6	144.5	144.2	144.1	144.3	144.3	1.9	2.1
5,0°	140.4	139.4	138.7	138.0	137.6	137.3	137.0	136.8	136.7	136.8	136.8	3.8	5.9
7,5°	133.9	133.0	132.2	131.6	131.0	130.7	130.4	130.2	129.9	130.0	130.0	5.8	11.7
10,0°	127.6	126.9	126.0	125.1	124.4	124.1	123.8	123.5	123.5	123.5	123.5	7.8	19.5
12,5°	120.3	119.5	118.9	118.3	117.8	117.5	117.2	117.1	116.9	117.0	116.9	9.9	29.4
15,0°	112.8	112.0	111.7	111.7	111.9	111.5	109.2	106.3	104.1	102.8	102.3	12.0	41.5
17,5°	105.4	104.8	104.4	100.3	95.6	93.4	92.2	91.6	91.3	91.2	91.3	14.2	55.7
20,0°	99.1	93.9	87.9	86.9	86.8	86.0	85.0	84.2	84.0	84.3	84.4	16.2	71.9
22,5°	84.6	80.6	80.5	80.1	79.0	77.2	75.5	74.4	74.3	74.7	75.0	18.1	90.0
25,0°	74.4	74.2	73.7	72.7	70.7	68.1	65.9	65.0	65.4	66.1	66.2	19.7	109.6
27,5°	67.7	67.3	66.5	65.5	63.5	60.7	58.7	58.5	59.3	60.6	61.8	21.1	130.8
30,0°	62.5	61.8	60.9	59.9	58.2	55.7	54.1	54.0	55.0	57.5	59.1	22.7	153.4
32,5°	59.1	58.1	56.8	55.7	53.9	51.4	50.2	50.6	52.7	54.2	55.1	24.6	178.0
35,0°	55.4	54.0	52.7	51.5	50.2	48.8	48.4	50.2	51.3	52.2	53.5	26.8	204.8
37,5°	52.0	50.9	49.8	49.0	48.3	47.5	48.0	49.5	50.0	51.4	52.7	28.9	233.8
40,0°	49.6	48.7	48.4	47.4	46.9	46.9	47.8	48.7	49.5	50.5	51.9	31.2	264.9
42,5°	47.9	47.0	46.8	46.3	46.9	47.0	47.5	48.1	48.7	50.0	51.3	34.4	299.4
45,0°	47.1	45.9	46.2	46.1	47.1	47.4	47.1	47.3	47.6	48.7	49.8	39.5	338.9
47,5°	45.0	44.4	44.4	45.0	46.0	46.5	46.1	46.2	46.2	46.7	47.5	46.0	384.8
50,0°	42.2	42.4	43.1	44.4	45.1	46.4	46.2	45.9	45.3	45.1	45.5	54.2	439.1
52,5°	39.9	40.9	42.7	43.5	44.4	46.3	46.6	45.5	44.6	44.2	44.4	63.3	502.4
55,0°	38.6	39.7	41.9	42.7	44.3	45.5	46.0	44.6	43.9	43.7	43.7	73.4	575.8
57,5°	37.7	38.8	40.3	42.6	43.6	44.1	44.3	43.7	43.2	44.3	44.2	83.8	659.6
60,0°	37.1	37.8	39.0	41.9	41.9	42.0	42.3	42.8	42.2	43.6	43.8	88.5	748.1
62,5°	35.3	36.0	37.3	38.7	39.6	39.7	40.2	40.6	39.9	40.7	40.9	83.1	831.2
65,0°	32.7	34.0	35.1	35.5	36.2	38.3	38.5	38.9	38.5	37.7	37.8	66.0	897.2
67,5°	30.0	31.7	32.4	32.7	33.6	36.0	36.4	37.5	37.3	36.0	35.7	41.6	938.7
70,0°	26.7	28.8	28.1	29.0	30.7	32.1	33.6	35.6	35.1	34.4	34.3	24.3	963.1
72,5°	22.7	24.0	22.5	23.6	25.5	27.4	29.7	32.1	32.0	31.6	31.5	14.7	977.8
75,0°	17.5	18.2	18.7	19.6	21.2	23.0	25.5	27.2	26.0	23.6	22.4	9.7	987.5
77,5°	13.1	13.8	14.6	15.7	16.8	18.1	20.1	19.5	17.1	16.5	16.4	6.1	993.6
80,0°	8.7	10.1	10.8	11.9	12.2	12.7	13.4	12.7	12.1	12.1	12.0	3.3	996.9
82,5°	5.4	6.5	7.4	8.0	8.4	8.6	8.9	8.6	8.2	8.1	8.1	1.9	998.8
85,0°	2.7	3.4	4.1	4.1	4.2	4.5	4.3	4.1	4.1	4.2	4.3	0.8	999.6
87,5°	1.4	1.5	1.7	1.8	2.0	2.2	2.3	2.4	2.5	2.6	2.6	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.: 5XA779716T01AB EAN: 4069025144249	LP-Nummer 59517_236
Dimmstufen-Tabelle		Umgebungstemperatur: 0°C

siteco

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	255	166320	1272.3
95	238	157874	1185.8
90	222	149712	1105.4
85	206	141098	1025.1
80	191	132789	950.6
75	177	124720	880.9
70	163	116317	811.9
65	150	108248	747.4
60	137	100051	683.9
55	124	91741	620.6
50	111	83101	557.3
45	99	74875	499.1
40	87	66560	441.5
35	75	57994	383.8
30	64	49968	331.5
25	53	41637	279.6
20	42	33226	228.1
15	31	24733	177.6
10	21	16974	121.7
5	10	8158	65.7
1	2	1514	25.2

Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
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Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----
95	----	----	----
90	----	----	----
85	----	----	----
81	191	129910	939.4
80	188	128302	924.8
75	173	120096	850.8
70	159	112099	782.1
65	146	104270	718.6
60	133	96382	655.2
55	120	88302	592.7
50	108	80539	535.1
45	96	72567	477.8
40	84	64317	420.8
35	72	55823	363.8
30	61	47899	312.6
25	51	40308	266.2
20	40	31892	215.6
15	30	24242	170.1
10	20	16369	115.1
5	10	8283	64.6
1	2	1540	24.8

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779716T01AB EAN: 4069025144249	LP-Nummer 59517_236
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
0.0	166320.0	1272.3
25.0	129910.0	939.4