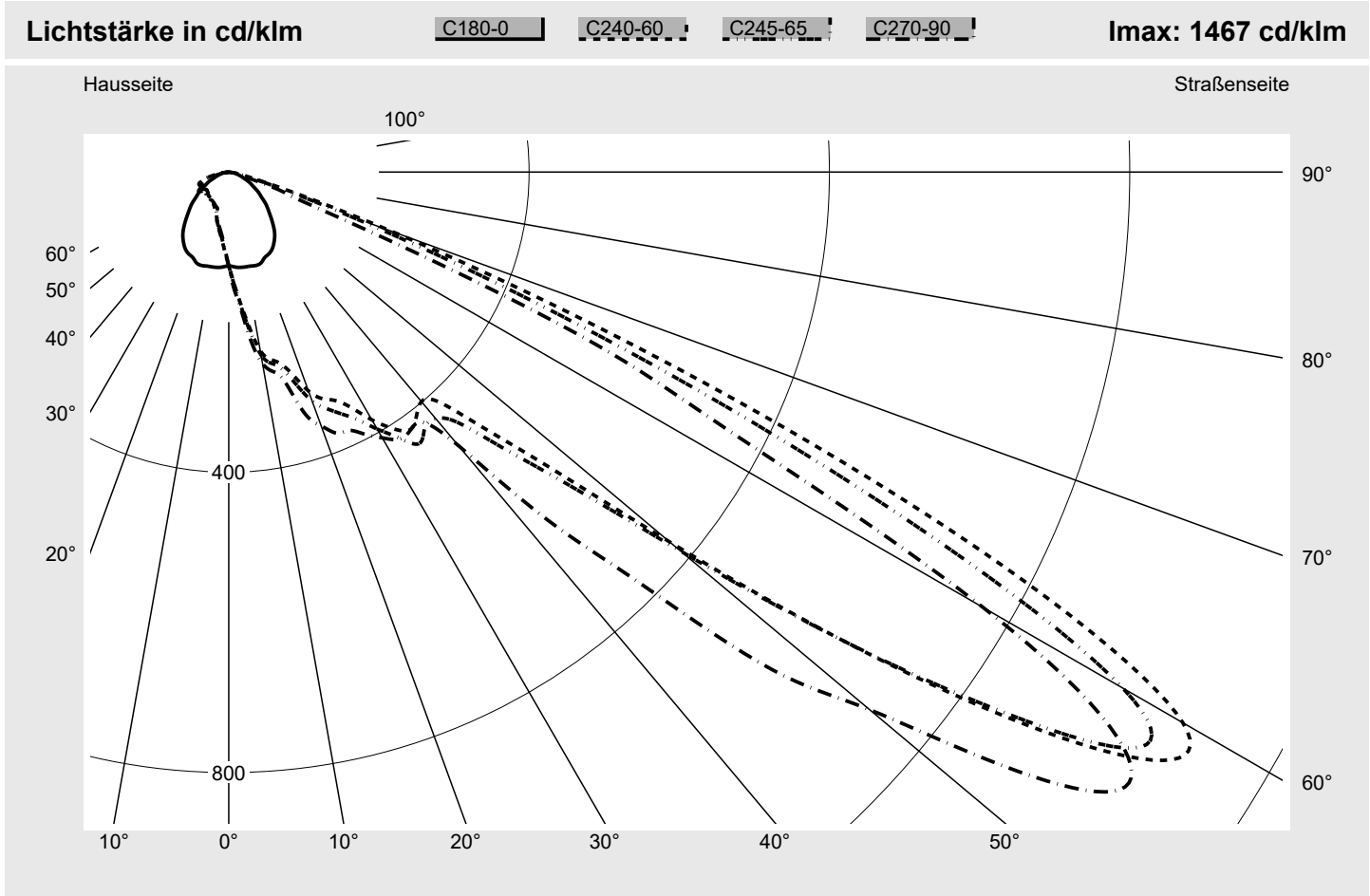


## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Floodlight FL21 mini</b>	<b>Bestell-Nr.: 5XA7775C2F1A</b> <b>EAN: 4058352657195</b>	<b>LP-Nummer</b> <b>59367_82</b>
	<b>Ausführung</b> Tragbügel <b>Optik</b> asymmetrisch strahlend PL33T <b>Abdeckung</b> Einscheibensicherheitsglas (ESG) <b>Bestückung</b> LED 3000 K   CRI ≥ 70 <b>Betriebsgerät</b> EVG-Smart Interface <b>Bemessungswerte</b> Nettolichtstrom = 12050 lm Systemleistung = 89.0 W Lichtausbeute = 135.4 lm/W	<b>Seriendokumentation</b> <b>21.12.2022</b>
		



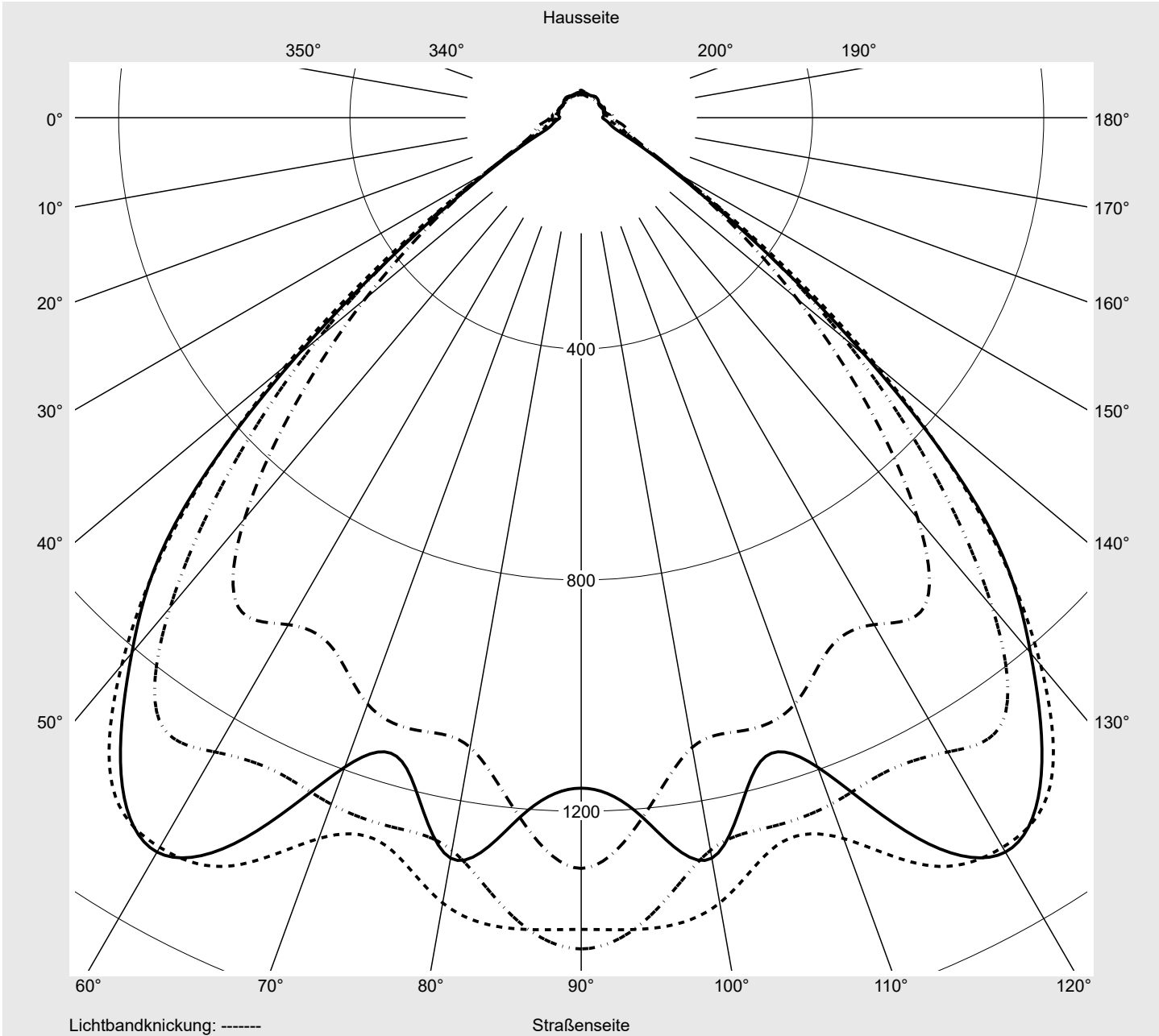
Leuchtenbetriebswirkungsgrade	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Messbedingungen	
DIN EN 13032 und DIN 5032	

Lichtstärkeklasse nach EN13201-2	
Klasse:	G6
Imax 70°	277.8
Imax 80°	14.1
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

**Lichttechnischer Prüfbefund**

<b>Familie</b> Floodlight FL21 mini	<b>Bestell-Nr.:</b> 5XA7775C2F1A <b>EAN:</b> 4058352657195	<b>LP-Nummer</b> 59367_82
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**Kegelmantelkurven in cd/klm**    **KMK 60°**    **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**    **siteco**



## Lichttechnischer Prüfbefund

<b>Familie</b> Floodlight FL21 mini	<b>Bestell-Nr.: 5XA7775C2F1A</b> <b>EAN: 4058352657195</b>	<b>LP-Nummer</b> <b>59367_82</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
2,5°	126.0	127.9	130.1	132.1	134.1	136.1	137.9	139.7	141.4	143.0	144.4	145.7	146.8
5,0°	127.4	131.7	136.0	140.4	144.8	149.1	153.1	157.1	160.7	164.4	168.0	171.1	174.3
7,5°	128.0	134.1	140.1	146.3	152.5	159.1	165.8	172.9	179.9	187.1	194.2	201.2	207.6
10,0°	128.3	135.8	143.6	152.1	161.4	171.8	182.2	193.1	204.0	215.3	225.7	234.5	241.7
12,5°	128.5	137.9	148.6	159.9	172.1	184.7	196.8	209.7	221.9	232.6	241.8	249.2	255.7
15,0°	129.3	140.4	152.8	165.7	178.4	191.1	204.7	218.1	229.6	239.3	247.6	255.9	264.0
17,5°	129.6	141.7	154.8	168.3	181.5	196.0	210.7	224.7	236.5	246.6	257.9	270.3	282.9
20,0°	127.9	141.3	154.8	168.8	183.7	200.6	218.1	234.3	247.7	260.6	277.3	294.2	310.4
22,5°	123.9	138.6	153.7	168.5	185.5	205.4	226.0	242.9	256.9	273.0	294.9	313.1	326.9
25,0°	122.1	134.7	150.3	167.5	186.2	206.8	229.2	247.0	259.9	278.5	301.2	319.1	335.9
27,5°	120.1	131.0	144.2	164.5	184.3	205.2	227.9	248.2	263.1	284.0	309.2	333.6	354.0
30,0°	116.8	126.8	138.2	159.8	181.0	201.7	227.1	254.8	276.1	301.4	331.2	361.6	381.1
32,5°	111.9	122.6	132.7	154.8	177.0	199.1	229.2	262.8	290.9	318.8	353.4	386.1	404.7
35,0°	106.5	117.5	127.8	149.1	171.1	196.3	231.1	266.8	298.5	327.4	365.0	397.2	419.7
37,5°	100.0	109.6	122.0	141.5	164.5	191.8	231.8	265.0	294.0	323.6	358.1	388.6	410.5
40,0°	92.0	99.5	113.7	132.0	155.8	187.3	230.3	261.2	286.1	316.8	354.9	378.6	399.2
42,5°	83.8	90.5	105.1	122.6	145.8	182.4	231.4	262.2	290.4	333.3	375.7	396.6	416.4
45,0°	76.1	82.7	98.5	116.9	139.3	179.2	232.4	267.7	314.3	379.3	438.6	470.3	485.1
47,5°	69.6	76.1	92.0	108.2	127.7	164.2	218.9	269.7	343.7	433.4	529.7	582.5	588.3
50,0°	62.8	66.1	79.0	91.5	104.4	135.5	193.9	273.2	390.2	530.5	686.4	778.0	766.7
52,5°	54.9	60.6	73.3	82.7	93.1	123.2	190.5	310.9	487.2	696.5	905.7	1034.0	1012.9
55,0°	49.5	54.9	67.0	74.4	85.9	117.3	194.4	353.9	591.4	853.5	1106.0	1272.6	1267.3
57,5°	43.2	47.6	57.7	64.6	77.2	111.2	194.4	371.2	665.6	982.8	1236.4	1413.2	1457.8
60,0°	37.0	41.4	47.5	54.3	69.4	108.2	182.7	341.5	643.7	992.8	1209.2	1387.4	1467.3
62,5°	32.5	35.5	39.7	46.4	59.9	95.3	152.5	268.8	504.3	807.0	995.2	1183.6	1229.3
65,0°	27.8	30.4	34.1	40.3	49.2	70.3	109.4	182.8	335.2	551.3	733.1	891.2	858.8
67,5°	21.9	23.1	27.5	33.2	40.6	51.3	71.7	110.4	192.7	322.0	465.3	546.3	495.6
70,0°	18.7	18.6	20.7	27.7	34.9	41.4	52.4	67.9	101.2	159.2	236.5	277.8	230.1
72,5°	15.2	15.6	16.6	21.8	27.3	31.8	36.7	42.5	53.1	70.9	90.4	103.5	89.8
75,0°	12.5	12.9	13.3	16.0	19.3	21.6	24.1	25.0	28.7	32.9	37.6	42.2	37.5
77,5°	9.8	10.5	10.7	12.0	13.5	14.3	14.9	15.1	16.5	18.1	20.2	21.8	20.5
80,0°	8.0	7.6	7.9	9.3	8.8	8.9	8.7	8.9	9.8	10.1	11.6	11.9	11.3
82,5°	6.5	5.4	5.0	5.9	5.5	5.1	4.7	4.9	5.1	5.4	5.9	6.0	5.6
85,0°	3.4	2.7	2.3	2.3	2.2	2.1	2.1	2.1	2.0	2.2	2.4	2.4	2.4
87,5°	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.9	0.9	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

## Lichttechnischer Prüfbefund

<b>Familie</b> Floodlight FL21 mini	<b>Bestell-Nr.: 5XA7775C2F1A</b> <b>EAN: 4058352657195</b>	<b>LP-Nummer</b> 59367_82
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
2,5°	147.8	148.4	149.1	149.6	150.1	154.8	124.2	122.3	120.5	118.7	117.1	115.5	114.0
5,0°	177.0	179.3	181.1	182.6	183.6	182.6	123.4	119.5	115.8	112.5	109.3	106.5	103.8
7,5°	213.0	217.2	220.6	223.3	225.4	227.0	122.3	116.9	111.7	107.0	102.7	98.9	95.4
10,0°	247.4	251.8	255.1	257.4	258.9	259.2	121.3	114.5	107.9	102.1	96.7	92.0	88.2
12,5°	260.9	264.6	267.3	269.2	270.7	272.3	119.9	111.7	104.1	97.3	91.3	86.4	82.3
15,0°	270.6	276.4	281.6	286.3	289.7	289.5	118.9	109.0	100.6	92.9	85.9	79.7	75.0
17,5°	295.4	307.1	316.9	324.7	330.4	337.6	117.8	105.6	94.7	86.8	80.0	74.2	69.7
20,0°	324.9	335.8	344.5	351.4	357.6	359.7	113.4	101.0	90.6	82.3	74.6	69.3	65.7
22,5°	341.3	354.9	363.5	369.0	373.3	376.6	110.4	97.3	85.9	76.7	70.1	65.1	60.6
25,0°	355.5	373.0	378.7	378.9	379.2	379.8	107.0	92.6	81.7	73.0	66.5	60.4	55.6
27,5°	372.0	389.5	398.2	397.8	393.7	394.0	102.1	87.2	77.5	69.6	62.5	56.2	53.3
30,0°	395.3	409.5	416.1	413.2	409.9	408.8	97.0	82.9	73.3	66.1	58.0	54.0	51.3
32,5°	419.4	428.6	427.7	421.3	419.0	422.0	92.4	78.8	69.3	61.3	55.6	52.3	49.9
35,0°	441.8	438.1	432.5	424.5	420.4	420.8	87.2	73.9	65.4	57.5	53.5	50.9	48.6
37,5°	429.1	438.1	427.8	420.9	418.3	420.1	82.3	69.3	59.4	54.0	51.4	49.0	46.3
40,0°	428.8	447.2	448.5	451.8	469.8	475.6	76.9	63.9	54.8	51.1	48.9	47.4	45.1
42,5°	453.4	493.2	516.7	541.5	583.5	629.2	72.0	58.2	51.2	48.6	47.1	45.7	43.8
45,0°	524.4	587.2	632.1	679.0	742.6	774.8	67.9	54.0	48.3	46.5	45.3	43.7	42.7
47,5°	622.0	701.2	757.2	800.2	893.6	980.7	63.6	50.5	45.8	44.4	43.8	42.2	41.3
50,0°	785.4	866.2	904.9	931.3	1038.8	1114.2	58.9	47.5	42.8	42.6	42.1	40.8	39.6
52,5°	1014.5	1079.9	1097.3	1106.3	1215.8	1299.0	53.5	45.6	41.6	41.8	41.0	39.5	38.7
55,0°	1248.6	1264.1	1270.2	1287.4	1385.0	1438.3	49.9	44.6	42.2	43.1	43.4	40.6	39.8
57,5°	1428.3	1327.5	1304.2	1379.7	1408.0	1404.5	44.4	42.4	41.6	42.8	41.7	40.6	39.1
60,0°	1375.0	1196.0	1166.0	1301.1	1215.0	1160.1	39.1	39.5	39.7	40.3	39.1	38.2	37.8
62,5°	1067.0	911.0	916.3	978.6	898.4	768.5	33.5	36.1	37.1	36.9	36.7	36.1	36.5
65,0°	696.2	580.9	594.1	585.1	555.5	521.5	29.7	32.7	34.0	33.9	33.3	34.1	35.8
67,5°	381.0	323.8	299.1	240.8	204.0	163.4	26.0	28.0	29.8	29.4	30.4	31.7	34.1
70,0°	171.4	154.0	129.5	82.3	72.3	77.2	20.7	22.1	22.8	24.0	27.6	28.8	30.9
72,5°	70.6	64.7	51.8	39.4	35.7	32.9	16.5	17.7	19.0	20.1	23.9	25.1	26.2
75,0°	33.1	31.3	26.2	22.6	20.4	21.1	13.1	14.3	15.4	16.8	19.8	20.9	21.0
77,5°	19.0	17.7	15.5	14.0	13.0	12.3	10.1	11.3	12.1	13.1	14.8	16.3	15.9
80,0°	10.1	9.6	9.0	8.6	8.2	8.3	7.8	8.3	8.7	9.5	10.8	11.9	12.0
82,5°	5.0	4.9	4.8	4.7	4.7	4.5	6.0	6.4	6.6	6.7	7.6	8.1	8.6
85,0°	2.3	2.3	2.3	2.3	2.3	2.4	3.1	2.9	3.4	3.2	3.2	3.4	3.8
87,5°	1.1	1.1	1.2	1.2	1.2	1.2	0.7	0.8	0.9	1.0	1.0	1.0	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

## Lichttechnischer Prüfbefund

<b>Familie</b> Floodlight FL21 mini	<b>Bestell-Nr.: 5XA7775C2F1A</b> <b>EAN: 4058352657195</b>	<b>LP-Nummer</b> 59367_82
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	0.2	0.2
2,5°	112.6	111.3	110.1	109.1	108.2	107.4	106.8	106.4	106.0	105.7	105.6	1.5	1.7
5,0°	101.4	99.2	97.3	95.6	94.2	93.0	92.1	91.4	90.8	90.3	90.2	3.2	4.9
7,5°	92.4	89.9	87.8	86.0	84.4	83.2	82.2	81.5	81.0	80.5	80.4	5.0	9.9
10,0°	85.0	82.4	80.3	78.5	76.9	75.6	74.7	74.1	73.8	73.6	73.6	7.0	16.9
12,5°	79.0	76.3	73.9	71.9	70.4	69.4	68.7	68.4	68.3	68.0	67.8	9.0	25.9
15,0°	71.6	68.7	65.9	63.8	62.4	61.2	60.0	59.1	58.7	58.8	59.0	10.8	36.7
17,5°	66.4	63.4	60.8	57.3	55.6	54.9	54.1	53.1	51.8	50.8	50.7	13.0	49.7
20,0°	62.3	57.5	55.0	53.8	53.1	51.9	51.2	50.0	49.5	49.2	49.1	15.3	65.0
22,5°	56.0	53.7	52.3	51.1	50.0	49.3	48.0	47.5	47.4	47.4	47.3	17.5	82.4
25,0°	53.4	51.5	49.8	48.5	47.7	46.2	45.6	45.4	45.5	45.7	46.0	19.4	101.8
27,5°	51.2	49.3	47.3	46.2	44.4	44.0	44.0	44.0	44.4	44.9	45.0	21.5	123.3
30,0°	49.7	47.1	45.7	44.1	43.2	42.8	42.8	43.0	43.3	43.8	44.0	23.8	147.1
32,5°	47.6	46.2	45.0	42.8	42.0	42.0	42.1	42.4	43.0	43.3	44.0	26.1	173.3
35,0°	46.1	45.1	43.5	42.3	41.9	41.8	41.7	42.2	43.0	43.7	43.7	28.1	201.4
37,5°	45.5	44.5	42.8	42.0	41.9	41.9	41.8	41.9	41.9	42.3	42.4	29.2	230.6
40,0°	44.5	43.5	42.3	41.7	41.6	41.4	41.2	41.1	41.4	41.8	41.9	30.9	261.5
42,5°	43.3	42.3	41.1	40.8	40.5	40.4	40.4	40.4	40.6	41.2	41.0	34.7	296.2
45,0°	42.1	41.3	40.0	39.6	39.3	39.3	39.5	39.6	39.9	40.9	40.7	40.9	337.1
47,5°	40.0	39.7	39.6	38.7	38.5	38.3	38.7	38.8	39.4	39.2	42.1	48.3	385.5
50,0°	38.8	38.0	38.6	39.1	38.0	37.8	38.1	37.9	38.8	39.7	39.2	58.1	443.6
52,5°	38.6	38.1	38.5	38.6	38.2	38.2	38.0	37.9	38.9	39.7	39.5	72.5	516.0
55,0°	39.1	39.4	40.2	41.2	40.6	40.0	39.6	40.1	41.6	43.5	44.9	87.3	603.3
57,5°	39.8	41.9	43.1	44.0	43.0	41.9	41.9	42.7	44.3	45.7	47.6	96.4	699.8
60,0°	39.6	41.9	43.3	43.8	42.8	41.8	41.8	42.6	43.6	44.1	44.2	93.2	793.0
62,5°	39.2	42.0	43.8	43.5	42.2	41.5	42.2	42.5	41.3	40.0	39.5	76.3	869.3
65,0°	39.0	42.0	44.0	43.1	42.1	42.4	43.6	42.5	40.5	38.5	39.4	54.2	923.5
67,5°	37.5	40.5	42.2	42.2	42.1	42.9	43.3	41.5	39.3	38.8	38.6	32.2	955.7
70,0°	34.0	37.3	36.0	37.9	39.5	41.1	41.7	39.8	38.6	38.2	37.3	18.0	973.7
72,5°	26.8	27.6	29.6	32.0	34.7	36.6	37.2	35.6	34.1	33.6	31.3	10.1	983.7
75,0°	21.5	22.3	24.2	26.7	29.5	31.7	31.1	27.1	25.2	23.4	22.2	6.3	990.1
77,5°	16.0	15.8	18.0	19.1	22.8	23.5	22.6	20.7	17.5	14.1	12.6	4.3	994.4
80,0°	10.3	10.4	11.8	12.5	13.4	14.1	14.0	12.8	10.7	10.6	10.0	2.8	997.1
82,5°	7.4	7.4	8.2	8.8	8.4	9.5	9.4	8.5	7.8	8.2	8.1	1.8	998.9
85,0°	3.6	3.8	4.0	4.4	4.0	4.0	4.1	4.0	3.6	3.7	3.8	0.8	999.7
87,5°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.9	1.9	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

## Lichttechnischer Prüfbefund

<b>Familie</b> Floodlight FL21 mini	<b>Bestell-Nr.: 5XA7775C2F1A</b> <b>EAN: 4058352657195</b>	<b>LP-Nummer</b> <b>59367_82</b>
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<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 25°C	<b>sITeco</b>
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	12050	89.0	93.8	91.4
95	239	252	11438	83.9	88.3	86.1
90	225	250	10859	79.1	83.3	81.2
85	210	247	10225	74.0	77.9	76.0
80	196	245	9624	69.2	72.9	71.1
75	183	242	9052	64.8	68.2	66.5
70	169	239	8429	60.1	63.2	61.6
65	156	236	7840	55.7	58.6	57.2
60	143	233	7245	51.3	54.0	52.6
55	130	229	6638	47.0	49.4	48.2
50	117	226	6022	42.7	44.8	43.8
45	104	221	5398	38.3	40.2	39.2
40	92	217	4815	34.3	36.0	35.2
35	80	212	4220	30.4	31.8	31.1
30	68	206	3620	26.5	27.6	27.0
26	58	200	3114	23.3	24.2	23.8