

## Lichttechnischer Prüfbefund

**Familie**  
**Floodlight FL11**

**Bestell-Nr.: 5XA779525Q01AA**  
**EAN: 4058352847718**

**LP-Nummer**  
**59465\_37**



<b>Ausführung</b>	Bügel gekröpft
<b>Optik</b>	symmetrisch strahlend RS4
<b>Abdeckung</b>	Einscheibensicherheitsglas (ESG)
<b>Bestückung</b>	LED 3000 K   CRI ≥ 70
<b>Betriebsgerät</b>	EVG-DMX
<b>Bemessungswerte</b>	Ta = 10 °C
	Nettolichtstrom = 173640 lm
	Systemleistung = 1334.7 W
	Lichtausbeute = 130.1 lm/W

**Seriendokumentation**  
**06.09.2023**

**sitEco**

**Lichtstärke in cd/klm**

**C180-0**

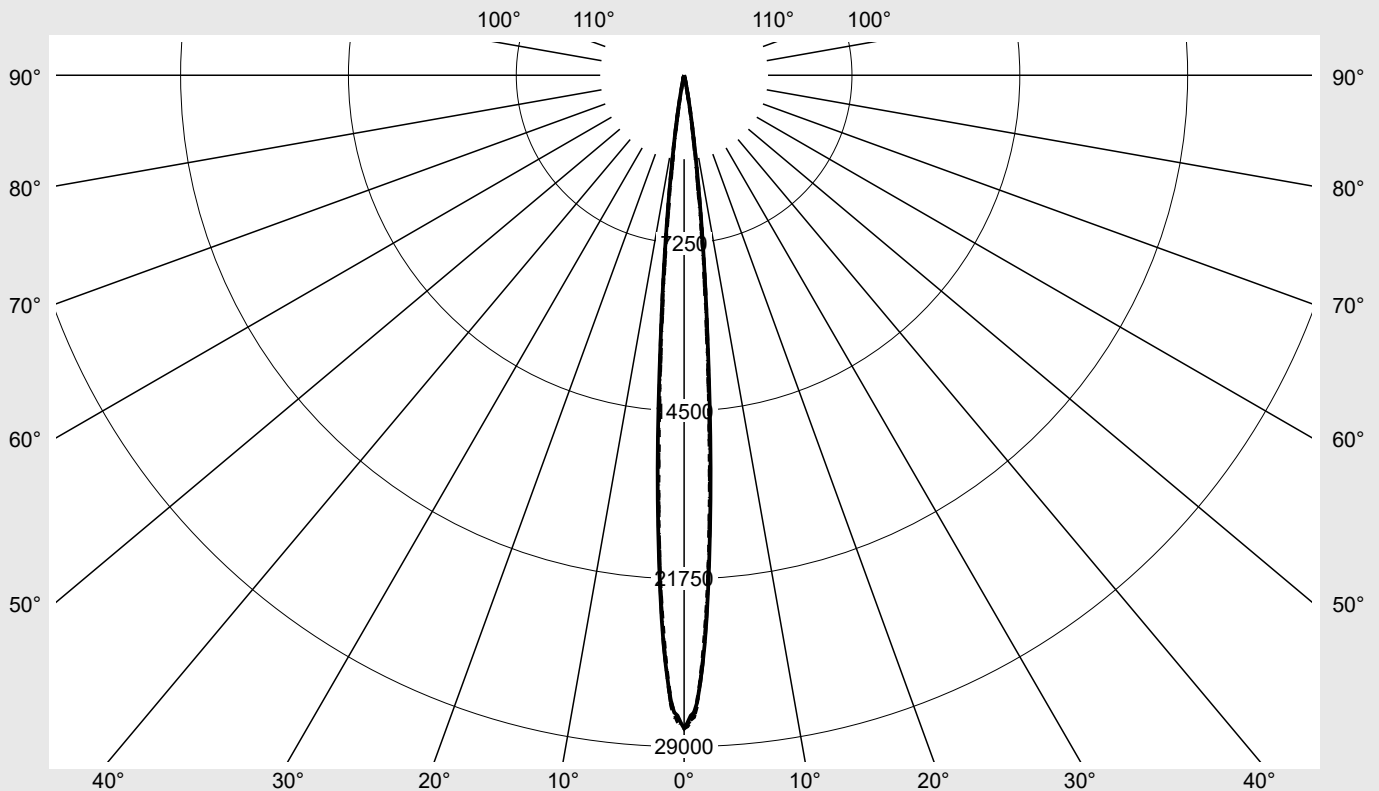
**C185-5**

**C270-90**

**Imax: 28210 cd/klm**

Hausseite

Straßenseite



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G6
Imax 70°	14.0
Imax 80°	6.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

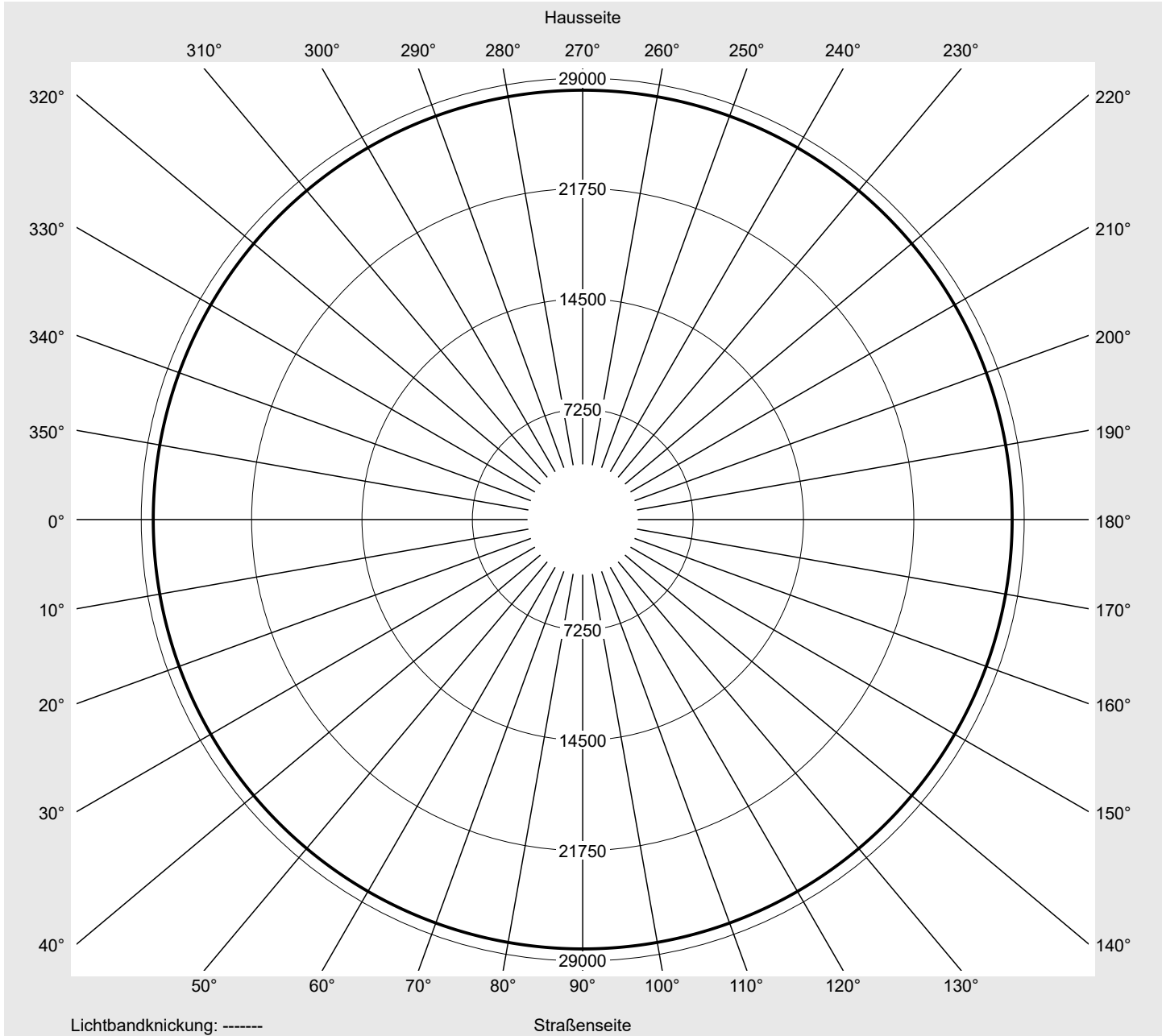
**Messbedingungen**

DIN EN 13032 und DIN 5032

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**Kegelmantelkurven in cd/klm** **KMK 0°** **siteco**



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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	0° 180°	5°	10°	15°	20°	25°	30°	35°	40°	45°	
		175° 185° 355°	170° 190° 350°	165° 195° 345°	160° 200° 340°	155° 205° 335°	150° 210° 330°	145° 215° 325°	140° 220° 320°	135° 225° 315°	
γ		Lichtstärke in cd/klm									
0,0°	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	
0,5°	27726.4	27992.9	27732.1	27998.7	27737.9	27998.7	27806.6	28024.5	27769.4	28041.7	
1,0°	27422.6	27414.0	27448.4	27422.6	27457.0	27425.5	27474.2	27448.4	27497.1	27459.9	
1,5°	26299.1	26233.2	26310.6	26230.3	26293.4	26233.2	26307.7	26247.5	26304.8	26241.8	
2,0°	24825.9	24522.1	24828.8	24519.3	24814.5	24522.1	24817.3	24530.7	24820.2	24507.8	
3,0°	20807.7	20566.9	20773.3	20544.0	20764.7	20532.6	20779.0	20509.6	20704.5	20446.6	
4,0°	16330.9	15663.1	16276.4	15645.9	16276.4	15654.5	16279.3	15640.2	16219.1	15562.8	
5,0°	11768.1	11581.8	11791.0	11587.5	11822.6	11636.3	11854.1	11639.1	11831.2	11587.5	
6,0°	8292.1	8219.9	8314.2	8256.9	8373.5	8328.5	8438.6	8383.8	8459.2	8324.2	
7,0°	5582.5	5471.9	5600.0	5524.1	5688.9	5639.0	5786.3	5693.7	5780.9	5655.3	
8,0°	3591.2	3538.2	3625.9	3604.7	3746.5	3755.1	3895.3	3890.4	3964.4	3889.8	
9,0°	2245.3	2224.9	2278.2	2284.3	2371.7	2403.5	2516.7	2564.6	2651.1	2631.9	
10,0°	1313.2	1276.5	1338.2	1349.3	1427.9	1501.0	1557.7	1589.8	1666.3	1658.6	
15,0°	153.9	151.5	153.7	151.9	156.5	156.8	163.2	163.9	170.4	168.4	
20,0°	72.2	70.0	71.4	68.3	69.2	66.5	67.8	65.4	67.4	65.1	
30,0°	34.1	34.1	34.1	33.8	33.0	33.3	33.6	33.3	33.1	33.0	
45,0°	34.6	33.0	33.8	34.0	33.6	32.5	32.0	31.3	31.1	31.4	
60,0°	22.8	23.3	24.9	26.3	21.8	19.9	18.9	18.6	19.2	19.1	
75,0°	10.0	9.2	8.5	8.2	8.6	8.9	8.8	8.1	8.3	8.2	
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

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<b>Wertetabelle Lichtstärkemessung</b>	<b>Maximale Lichtstärke</b>	<b>siteco</b>
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C- Ebenen	50°	55°	60°	65°	70°	75°	80°	85°	90°	Phi-Zone	Summe Phi-Zone	
	130°	125°	120°	115°	110°	105°	100°	95°				
	230°	235°	240°	245°	250°	255°	260°	265°				
	310°	305°	300°	295°	290°	285°	280°	275°				
γ	Lichtstärke in cd/klm										Lichtstrom in lm/klm	
0,0°	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	28210.3	1.7	1.7
0,5°	27786.6	28067.5	27806.6	28093.3	27849.6	28119.0	27869.7	28127.6	27881.2	27881.2	13.4	15.0
1,0°	27508.6	27479.9	27534.4	27500.0	27563.0	27520.0	27586.0	27525.8	27606.0	27606.0	26.3	41.4
1,5°	26276.2	26244.6	26313.4	26250.4	26299.1	26253.2	26310.6	26244.6	26310.6	26310.6	37.7	79.1
2,0°	24780.1	24487.7	24794.4	24464.8	24774.3	24447.6	24765.7	24433.3	24757.1	24757.1	75.2	154.2
3,0°	20650.1	20377.8	20578.4	20309.0	20532.6	20248.8	20483.8	20223.0	20498.2	20498.2	117.9	272.1
4,0°	16150.3	15462.5	16024.2	15319.2	15909.6	15175.9	15815.0	15135.7	15809.3	15809.3	120.8	392.9
5,0°	11742.3	11438.5	11553.1	11243.6	11372.6	11108.9	11240.7	11011.5	11229.3	11229.3	110.2	503.1
6,0°	8299.9	8174.0	8239.1	7966.3	8043.3	7775.1	7897.2	7682.8	7869.1	7869.1	93.8	596.9
7,0°	5698.3	5534.7	5550.7	5338.6	5313.1	5085.6	5105.3	4937.1	5017.9	5017.9	73.3	670.2
8,0°	3904.7	3783.2	3740.8	3552.5	3466.2	3283.9	3249.3	3152.1	3198.0	3198.0	55.5	725.6
9,0°	2617.3	2503.8	2416.7	2267.6	2190.8	2085.1	2056.4	2005.7	2022.3	2022.3	40.2	765.9
10,0°	1658.6	1560.9	1502.1	1391.0	1340.3	1263.2	1226.7	1184.2	1181.6	1181.6	89.8	855.6
15,0°	168.9	158.6	154.8	146.8	144.7	139.0	139.0	135.4	137.1	137.1	21.8	877.4
20,0°	66.6	64.0	65.5	63.5	65.0	63.1	65.0	63.3	65.2	65.2	19.8	897.2
30,0°	33.1	33.2	33.5	33.1	32.6	32.6	32.6	32.7	32.7	32.7	23.6	920.8
45,0°	31.1	30.9	31.1	31.2	31.6	31.8	31.5	30.8	31.6	31.6	37.1	957.9
60,0°	19.1	18.6	18.5	18.2	18.0	21.1	20.5	19.4	19.2	19.2	28.9	986.8
75,0°	8.0	7.6	8.3	8.3	8.0	7.6	7.7	8.2	8.7	8.7	13.2	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	1000.0

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## Dimmstufen-Tabelle

Umgebungstemperatur: 10°C

siteco

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	255	173640	1334.7
95	234	164728	1221.2
90	217	156409	1129.2
85	201	147637	1043.3
80	185	139124	956.9
75	170	130361	876.7
70	157	121735	807.7
65	143	112940	734.2
60	130	104296	666.3
55	119	95854	610.1
50	104	86702	531.4
45	93	77990	475.0
40	82	69717	419.1
35	71	61157	362.6
30	60	52166	307.0
25	49	43887	251.7
20	39	34925	202.4
15	28	25649	148.6
10	19	17440	104.3
5	9	8708	56.1
1	2	2352	20.5

## Dimmstufen-Tabelle

Umgebungstemperatur: 25°C

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----
95	----	----	----
91	215	150125	1110.4
90	213	149319	1099.8
85	197	141098	1014.1
80	181	132635	928.2
75	166	124454	848.6
70	152	116135	775.0
65	139	107820	707.2
60	126	99211	640.3
55	115	91312	582.0
50	101	82893	510.9
45	90	74390	455.3
40	79	66221	399.7
35	68	57909	343.7
30	58	49661	293.8
25	47	41195	239.3
20	37	32907	190.5
15	27	24528	141.9
10	18	16728	98.2
5	9	8629	55.5
1	2	2332	20.2

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<b>Lichtstrom-Tabelle</b>	<b>sITeco</b>
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Temperatur °C	Lichtstrom lm	Systemleistung W
10.0	173640.0	1334.7
25.0	150620.0	1116.9