

Lichttechnischer Prüfbefund

Familie
Floodlight FL11



Bestell-Nr.: 5XA779215X01KB
EAN: 4069025141033

Ausführung
Optik
Abdeckung
Bestückung
Betriebsgerät
Bemessungswerte

Bügel gekröpft
asymmetrisch strahlend PL33T mit Back Light Control
Einscheibensicherheitsglas (ESG)
LED 3000 K | CRI ≥ 70
EVG-DMX
Nettolichtstrom = 78200 lm
Systemleistung = 725.2 W
Lichtausbeute = 107.8 lm/W

LP-Nummer
59552_179

Seriodokumentation
17.10.2024

siteco

Lichtstärke in cd/klm

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

Imax: 2023 cd/klm

Hausseite

Straßenseite

Leuchtenbetriebswirkungsgrade		Lichtstärkeklasse nach EN13201-2	
Eta	100.0%	Klasse:	G3
Eta 0° - 90°	100.0%	Imax 70°	555.3
Eta 90° - 180°	0.0%	Imax 80°	11.9
		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

LP 59552 | Floodlight FL11 | 5XA779215X01KB

Irrtum und Änderung vorbehalten
Toleranzen nach IEC 62722

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Kegelmantelkurven in cd/klm

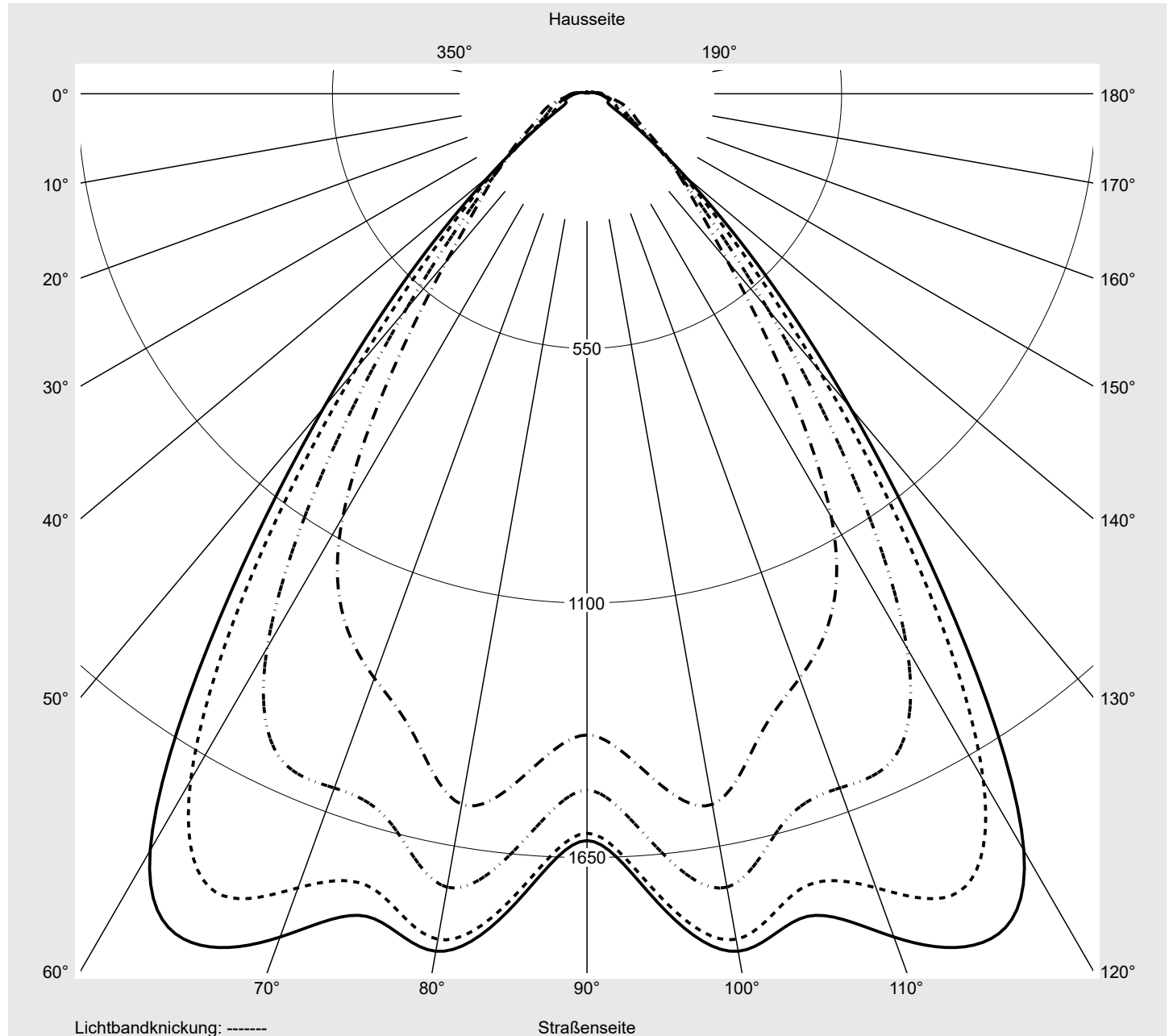
KMK 60°

KMK 57,5°

KMK 55°

KMK 52,5°

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Wertetabelle Lichtstärkemessung												siteco	
Maximale Lichtstärke													
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°	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
2,5°	94.9	95.1	96.2	97.4	98.7	100.0	101.3	102.5	103.7	104.9	106.1	107.2	108.2
5,0°	92.9	94.1	96.5	99.1	101.9	105.1	108.5	112.1	115.8	119.4	122.8	126.1	129.2
7,5°	89.6	91.7	95.3	99.5	104.6	110.3	116.4	122.5	128.8	135.2	141.4	147.7	153.3
10,0°	85.3	88.2	93.2	99.7	107.2	115.3	123.7	132.3	141.2	151.1	161.1	171.3	181.3
12,5°	81.4	85.5	92.1	100.5	109.7	119.7	130.4	142.6	155.6	169.6	184.6	199.3	214.2
15,0°	80.0	85.8	94.3	104.4	114.9	126.4	140.3	156.1	173.8	193.0	211.9	228.4	243.5
17,5°	79.9	87.6	98.4	110.1	122.0	136.6	153.6	172.7	192.5	211.0	228.3	246.4	266.9
20,0°	78.4	87.8	100.5	114.2	129.7	148.2	168.9	189.8	207.9	225.3	246.3	271.3	300.7
22,5°	74.7	85.7	100.2	117.0	137.8	161.0	183.4	203.6	224.9	249.5	278.2	308.8	340.0
25,0°	69.8	81.5	97.2	117.7	143.2	168.1	190.1	215.3	243.0	274.3	308.6	339.3	365.4
27,5°	64.6	75.9	92.4	116.7	146.1	172.4	200.1	232.6	264.3	294.6	321.2	341.9	361.1
30,0°	60.0	70.6	88.4	117.6	151.0	183.3	218.3	257.9	288.5	303.1	310.4	320.4	340.0
32,5°	56.2	66.8	86.9	121.5	159.4	198.1	242.6	290.3	311.0	304.6	295.6	304.3	335.0
35,0°	53.4	64.6	87.2	121.2	163.4	211.4	264.4	309.9	316.0	300.7	293.9	312.3	353.0
37,5°	51.2	64.5	85.1	114.4	163.4	220.4	274.9	303.6	301.2	295.9	301.3	326.5	377.6
40,0°	50.2	64.4	80.3	109.5	160.7	219.2	266.0	276.8	283.6	300.2	315.2	342.8	395.9
42,5°	48.7	63.2	77.3	110.4	162.0	212.2	245.7	253.1	280.4	311.7	330.6	358.7	415.7
45,0°	45.3	60.5	74.0	109.5	158.2	193.8	215.1	238.0	286.5	321.9	342.6	384.6	471.8
47,5°	41.2	55.5	66.2	99.4	140.4	164.7	185.9	226.5	280.1	321.5	356.5	444.4	591.0
50,0°	37.3	48.0	58.4	87.0	116.9	136.3	160.4	207.7	260.3	316.2	394.3	561.6	793.7
52,5°	33.8	41.1	51.6	74.9	95.6	112.8	135.7	183.4	244.2	326.9	472.6	736.5	1055.3
55,0°	29.9	36.4	45.6	64.2	78.8	91.2	111.3	158.3	238.2	366.9	608.8	990.5	1382.4
57,5°	26.4	33.2	42.1	56.2	65.5	72.4	95.1	156.0	263.2	448.0	777.4	1252.6	1712.6
60,0°	24.7	31.8	39.1	47.7	48.9	51.7	77.0	142.7	275.1	520.5	884.1	1384.8	1887.5
62,5°	23.9	29.7	35.4	38.9	34.8	37.6	60.5	121.7	256.3	497.9	841.5	1324.2	1876.0
65,0°	20.0	24.7	30.4	33.6	26.6	27.4	47.5	97.4	195.0	387.8	667.7	1054.4	1586.9
67,5°	15.3	20.0	25.2	23.9	17.3	18.9	30.0	58.8	119.5	239.3	427.2	690.4	1052.9
70,0°	10.8	15.1	19.9	16.4	11.8	10.8	15.6	32.7	72.2	146.6	268.8	415.2	555.3
72,5°	7.1	10.6	13.8	9.8	6.8	6.6	9.5	18.7	41.9	83.9	143.4	210.1	267.5
75,0°	4.2	6.7	6.9	5.1	3.9	4.4	6.7	10.9	21.3	43.9	73.5	88.1	92.5
77,5°	2.7	4.3	3.1	2.5	2.1	2.6	4.1	6.5	11.6	10.8	10.2	10.4	11.7
80,0°	1.3	1.9	1.3	1.0	0.9	1.4	2.5	3.2	3.6	3.8	4.0	4.6	6.1
82,5°	0.5	0.6	0.5	0.4	0.4	0.8	1.3	1.5	1.6	1.8	2.0	2.3	2.9
85,0°	0.4	0.4	0.4	0.3	0.2	0.4	0.6	0.7	0.7	0.8	0.9	1.0	1.1
87,5°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4
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°	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
2,5°	109.3	109.9	110.5	111.0	111.2	111.3	93.3	92.6	91.8	91.1	90.5	89.8	89.3	
5,0°	132.1	134.7	136.4	137.8	138.8	139.3	90.5	89.0	87.5	86.2	85.0	84.0	82.9	
7,5°	158.8	163.8	167.5	170.6	172.4	173.0	86.8	84.6	82.7	81.0	79.2	77.4	75.6	
10,0°	191.1	199.5	206.7	212.1	215.3	216.1	82.0	79.5	77.1	74.6	72.2	69.6	66.7	
12,5°	228.1	239.7	249.1	255.9	259.8	261.6	77.7	74.9	71.9	68.8	65.5	61.3	55.2	
15,0°	258.2	272.7	286.2	297.9	310.0	308.4	74.9	71.2	67.1	63.1	57.8	50.4	42.5	
17,5°	289.6	311.9	333.0	351.5	364.1	368.7	73.0	68.0	62.9	57.3	49.3	40.4	32.1	
20,0°	330.2	356.3	375.0	388.5	395.9	398.0	69.9	63.4	56.9	49.1	39.9	30.8	24.7	
22,5°	366.7	382.4	385.6	381.7	376.1	372.4	65.2	57.4	49.0	39.6	31.0	24.2	20.9	
25,0°	381.5	385.8	377.8	364.8	353.0	347.6	59.3	50.2	39.7	30.3	24.2	20.2	12.5	
27,5°	378.0	385.2	381.5	374.3	367.8	366.1	54.0	43.5	31.6	24.0	20.5	13.5	10.4	
30,0°	366.9	393.0	405.7	407.0	407.2	408.3	49.9	38.4	25.1	20.4	16.8	10.8	9.6	
32,5°	374.5	415.0	442.0	451.1	453.3	456.5	46.8	34.3	20.9	18.2	12.4	9.9	8.8	
35,0°	398.7	441.7	472.8	485.0	487.9	490.9	44.1	30.6	18.4	16.2	11.0	9.3	7.9	
37,5°	428.7	463.9	492.4	505.1	507.0	508.7	41.7	27.4	16.7	13.2	10.3	8.3	7.2	
40,0°	454.1	493.9	515.9	532.4	536.8	537.9	38.9	24.3	15.6	11.9	9.5	7.4	6.8	
42,5°	489.2	550.5	586.8	619.0	623.4	622.3	35.5	20.4	14.0	11.4	8.8	7.1	6.6	
45,0°	576.4	669.3	735.8	795.0	792.8	786.0	32.2	16.7	12.3	11.3	8.4	6.6	6.1	
47,5°	733.6	852.2	946.3	1030.3	1010.7	986.2	29.1	14.5	12.0	11.0	7.9	5.9	5.3	
50,0°	969.9	1092.1	1200.2	1308.1	1257.4	1205.0	26.9	14.0	12.7	11.1	7.6	5.2	4.6	
52,5°	1245.8	1343.3	1437.7	1558.8	1471.9	1385.3	24.6	14.9	13.8	10.9	7.1	4.4	4.1	
55,0°	1577.6	1596.0	1633.0	1740.5	1624.7	1504.5	22.4	14.8	12.9	10.2	5.4	3.9	3.7	
57,5°	1901.9	1825.5	1779.0	1854.7	1733.5	1597.4	20.0	14.4	11.6	8.8	4.0	3.5	3.4	
60,0°	2022.8	1938.6	1839.7	1881.0	1753.9	1613.4	18.1	14.8	10.3	6.6	3.5	3.2	3.0	
62,5°	1861.2	1678.3	1551.2	1598.4	1499.9	1383.8	16.1	14.5	8.7	4.0	3.1	2.8	2.6	
65,0°	1528.6	1268.7	1152.1	1165.0	1093.8	1008.1	13.1	13.4	6.7	3.1	2.6	2.3	2.2	
67,5°	1045.8	751.9	631.8	585.7	520.1	465.0	9.9	10.0	3.9	2.4	2.0	1.9	2.1	
70,0°	540.3	336.9	231.7	193.6	156.7	132.9	7.1	6.6	2.5	1.8	1.6	1.6	1.9	
72,5°	188.4	85.8	58.9	49.2	41.0	36.1	4.3	3.3	1.9	1.4	1.3	1.4	1.7	
75,0°	40.5	29.7	31.6	30.9	24.4	21.3	2.4	2.0	1.3	1.1	1.1	1.2	1.4	
77,5°	15.4	17.6	18.3	19.8	14.5	12.2	1.5	1.2	0.9	0.8	0.8	0.9	1.2	
80,0°	8.9	9.5	9.4	11.9	8.5	7.0	0.8	0.7	0.5	0.5	0.5	0.7	0.9	
82,5°	3.8	4.3	4.1	5.6	4.2	3.3	0.4	0.4	0.3	0.3	0.3	0.5	0.7	
85,0°	1.4	1.4	1.3	1.6	1.4	1.2	0.3	0.3	0.2	0.2	0.3	0.3	0.4	
87,5°	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.2	0.1	0.1	0.1	0.2	0.2	
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°	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	0.1	0.1
2,5°	88.8	88.4	87.9	87.7	87.4	87.2	87.1	86.9	86.8	86.8	86.7	1.2	1.3
5,0°	82.0	81.1	80.2	79.5	78.7	78.0	77.4	77.0	76.7	76.5	76.4	2.4	3.7
7,5°	73.7	71.9	69.7	67.6	65.2	62.9	60.8	59.3	58.0	57.3	57.0	3.7	7.4
10,0°	62.9	58.0	52.9	48.1	43.7	40.2	37.5	35.4	34.0	33.2	32.9	5.0	12.3
12,5°	48.5	41.5	35.6	30.9	27.6	25.6	24.4	23.7	23.3	23.2	23.1	6.5	18.8
15,0°	35.0	29.2	25.3	23.6	22.8	21.8	19.4	16.8	14.8	13.7	13.9	8.3	27.1
17,5°	26.3	23.7	22.1	17.2	13.0	11.5	10.9	10.6	10.3	10.2	10.2	10.3	37.4
20,0°	22.3	16.7	11.8	10.7	10.2	9.8	9.5	9.3	9.1	9.1	9.0	12.4	49.8
22,5°	13.5	10.8	10.0	9.5	9.1	8.9	8.6	8.4	8.3	8.2	8.2	14.4	64.2
25,0°	10.4	9.6	9.0	8.6	8.3	8.1	7.9	7.8	7.7	7.6	7.6	16.0	80.2
27,5°	9.5	8.7	8.2	7.9	7.6	7.5	7.4	7.3	7.2	7.2	7.1	17.7	97.9
30,0°	8.7	8.0	7.6	7.3	7.1	7.0	6.9	6.8	6.8	6.7	6.7	19.6	117.4
32,5°	7.8	7.4	7.0	6.8	6.6	6.5	6.3	6.2	6.1	6.0	6.0	21.9	139.4
35,0°	7.2	6.9	6.6	6.3	6.1	5.9	5.8	5.6	5.5	5.5	5.5	24.4	163.8
37,5°	6.8	6.4	6.1	5.8	5.5	5.4	5.3	5.2	5.1	5.0	5.0	26.5	190.2
40,0°	6.4	6.0	5.6	5.3	5.2	5.1	5.0	5.0	4.9	4.8	4.8	28.6	218.8
42,5°	6.1	5.7	5.4	5.1	4.9	5.0	4.9	4.8	4.6	4.5	4.5	31.9	250.7
45,0°	5.6	5.2	5.0	4.8	4.7	4.8	4.7	4.5	4.4	4.3	4.2	37.7	288.5
47,5°	5.0	4.7	4.5	4.4	4.4	4.4	4.4	4.3	4.2	4.2	4.1	45.9	334.4
50,0°	4.4	4.3	4.2	4.1	4.1	4.2	4.2	4.2	4.1	4.1	4.1	56.8	391.1
52,5°	4.0	4.0	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	69.1	460.2
55,0°	3.6	3.6	3.8	3.8	3.9	3.9	3.9	3.9	4.0	4.0	3.9	82.6	542.8
57,5°	3.2	3.4	3.6	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	96.3	639.1
60,0°	2.9	3.1	3.5	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.7	103.9	743.1
62,5°	2.6	3.0	3.4	3.5	3.7	3.7	3.6	3.6	3.6	3.6	3.6	95.6	838.6
65,0°	2.5	3.0	3.3	3.4	3.5	3.5	3.4	3.4	3.4	3.4	3.4	75.8	914.5
67,5°	2.4	2.8	3.0	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	46.2	960.7
70,0°	2.2	2.5	2.7	2.9	3.0	3.0	3.0	3.0	2.9	2.9	2.9	22.7	983.4
72,5°	2.0	2.3	2.5	2.7	2.9	2.7	2.6	2.6	2.6	2.5	2.5	9.5	992.9
75,0°	1.7	2.0	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	4.2	997.1
77,5°	1.4	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.5	998.6
80,0°	1.1	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.3	0.8	999.4
82,5°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.4	999.8
85,0°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.2	999.9
87,5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	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.: 5XA779215X01KB EAN: 4069025141033	LP-Nummer 59552_179
Dimmstufen-Tabelle Umgebungstemperatur: 25°C		siteco

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	255	78200	725.2
95	240	74361	683.1
90	224	70320	638.5
85	209	66399	596.7
80	195	62598	557.8
75	181	58743	519.2
70	167	54805	480.6
65	154	50976	445.1
60	140	46843	406.7
55	127	42924	371.0
50	115	39138	338.2
45	102	35099	303.4
40	90	31134	271.2
35	79	27452	241.5
30	67	23427	210.2
25	55	19407	178.7
20	44	15736	143.7
15	33	11893	111.1
10	22	7955	79.2
5	11	3956	46.0
2	4	1366	26.7