

Lichttechnischer Prüfbefund

Familie
Floodlight FL11

Bestell-Nr.: 5XA779125H01AA
EAN: 4058352556917

LP-Nummer
59257_44



Ausführung Bügel gekröpft
Optik asymmetrisch strahlend PL33T mit Back Light Control
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 3000 K | CRI ≥ 70
Betriebsgerät EVG-DALI
Bemessungswerte Ta = 10 °C
 Nettolichtstrom = 117060 lm
 Systemleistung = 1335.4 W
 Lichtausbeute = 87.7 lm/W

Seriendokumentation
11.09.2023

siteco

Lichtstärke in cd/klm

C180-0

C240-60

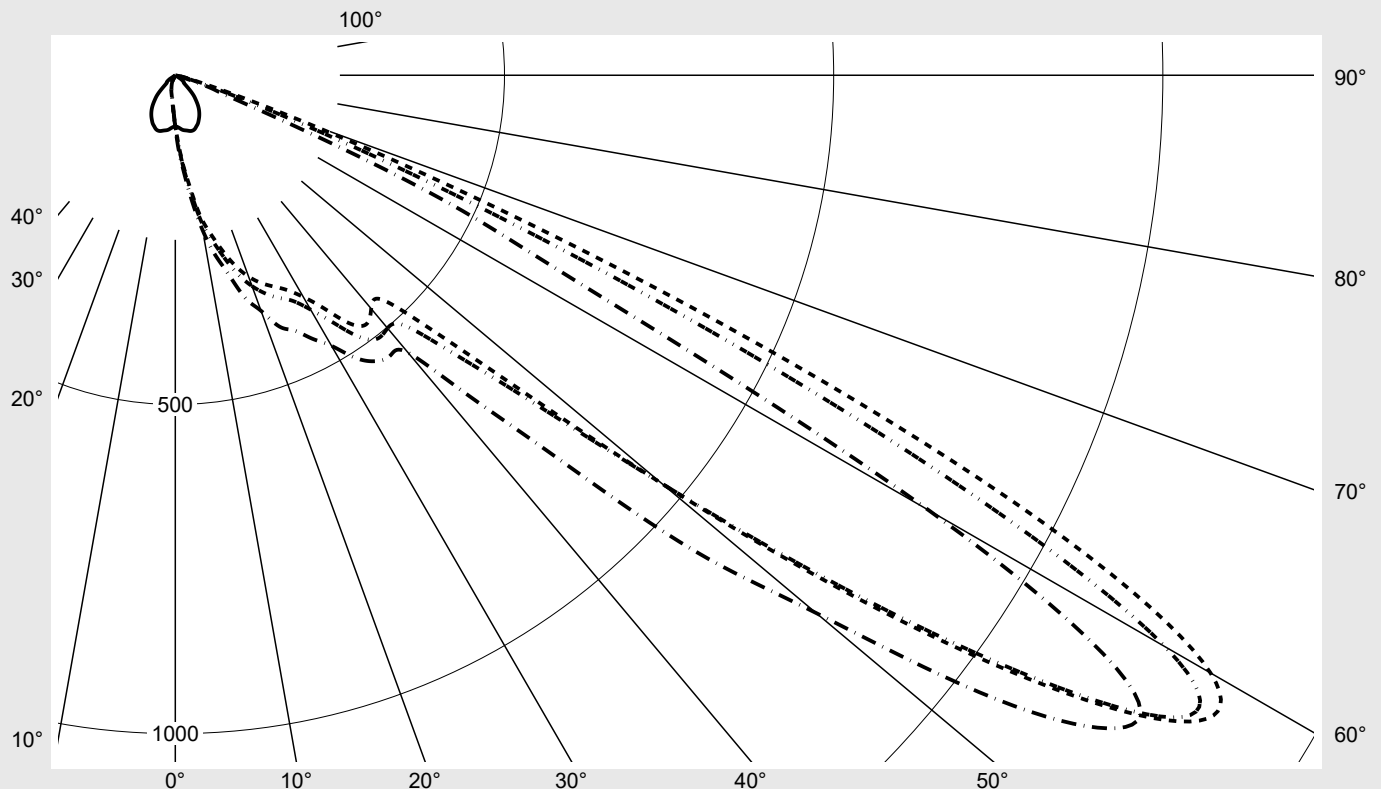
C245-65

C270-90

Imax: 1827 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° 279.0
 Imax 80° 8.4
 Imax 90° 0.0
 Imax >90° 0.0
 Imax >95° 0.0

Messbedingungen

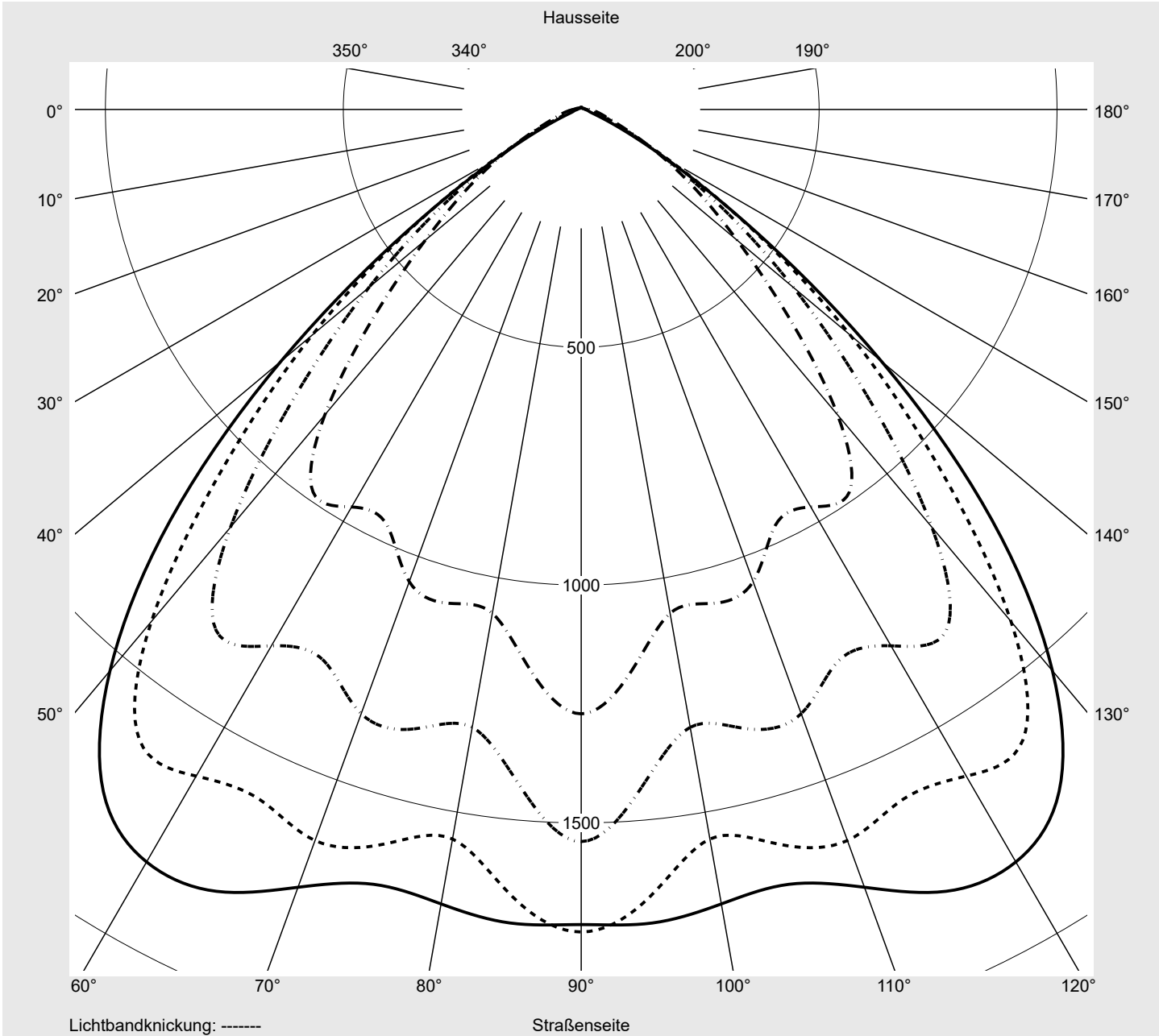
DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 57.5°** **KMK 55°** **KMK 52.5°** **KMK 50°**



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Familie Floodlight FL11	Bestell-Nr.: 5XA779125H01AA EAN: 4058352556917	LP-Nummer 59257_44
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°	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
2,5°	78.7	80.9	83.2	85.5	87.9	90.2	92.5	94.7	96.8	98.7	100.3	101.7	103.0
5,0°	81.0	85.9	91.1	96.3	101.7	106.8	111.9	116.8	121.5	125.9	130.1	133.8	137.2
7,5°	83.6	90.4	97.6	104.4	111.3	118.8	126.6	134.7	143.3	151.5	159.2	166.0	172.2
10,0°	85.0	93.4	102.2	112.3	123.9	136.3	148.9	161.9	174.6	186.3	197.0	206.8	216.2
12,5°	86.2	97.0	109.7	124.0	139.3	153.7	167.4	181.9	196.5	209.8	222.6	234.9	246.2
15,0°	87.7	100.9	115.8	132.0	147.8	163.1	179.8	198.2	215.3	231.3	246.7	261.5	275.2
17,5°	88.0	102.5	118.7	135.8	153.7	172.9	193.3	214.9	234.3	252.0	269.1	287.2	303.4
20,0°	86.8	102.5	120.0	138.8	159.2	181.7	205.9	229.0	248.3	266.7	286.7	307.2	325.5
22,5°	83.9	100.7	120.4	141.0	164.1	189.7	215.0	237.4	256.5	277.2	300.0	322.1	341.6
25,0°	81.0	98.7	119.7	142.3	167.0	193.6	218.5	239.8	261.7	285.3	309.5	332.5	354.2
27,5°	76.9	95.7	117.1	139.7	166.5	194.0	219.3	243.3	269.3	294.6	319.1	343.8	367.8
30,0°	72.6	91.8	112.3	135.8	164.6	194.3	222.7	251.6	282.1	309.9	335.5	362.4	388.9
32,5°	67.8	86.4	106.5	131.5	162.4	194.6	227.9	264.7	300.0	331.7	362.1	391.8	419.5
35,0°	62.3	79.9	100.0	125.5	156.6	193.0	233.1	277.3	318.4	357.3	393.6	428.5	459.5
37,5°	55.6	72.4	91.9	115.7	146.8	186.9	232.5	279.5	321.6	359.8	398.6	438.8	476.6
40,0°	48.1	63.8	82.2	103.6	133.9	179.0	230.4	276.2	310.9	343.2	379.9	420.0	462.9
42,5°	40.4	54.7	72.1	93.1	124.1	172.2	230.8	276.5	306.8	338.3	375.1	415.2	461.2
45,0°	28.5	39.1	53.5	74.9	107.3	161.3	226.4	277.5	311.4	364.8	435.7	495.8	538.7
47,5°	18.6	24.9	34.6	51.9	82.5	136.2	207.9	274.8	342.6	448.9	583.6	675.7	696.9
50,0°	16.9	24.4	35.1	48.6	70.6	115.0	191.5	295.6	427.8	615.6	838.2	982.4	965.1
52,5°	15.3	22.9	34.0	45.1	62.8	106.6	198.7	364.0	582.7	847.4	1146.7	1337.5	1302.2
55,0°	11.5	16.8	24.5	31.4	47.2	96.7	214.4	437.6	738.2	1063.3	1405.4	1618.5	1618.5
57,5°	8.2	10.7	14.5	18.4	31.5	79.5	202.9	448.3	823.7	1220.9	1540.7	1751.0	1827.0
60,0°	6.7	7.8	9.8	12.7	21.9	56.1	149.1	361.7	748.8	1177.8	1460.2	1699.7	1815.7
62,5°	6.1	6.9	8.4	10.6	15.5	34.4	88.1	222.4	499.7	869.7	1119.1	1425.2	1522.3
65,0°	5.7	6.3	7.5	9.1	11.8	22.2	51.1	117.7	270.5	520.5	769.3	1042.5	1025.9
67,5°	5.1	5.5	6.5	7.7	9.6	17.0	33.4	62.1	125.3	263.0	464.6	610.3	538.4
70,0°	4.5	4.9	5.5	6.2	7.7	11.0	16.8	26.2	47.4	102.5	209.4	279.0	215.6
72,5°	3.7	4.1	4.4	5.1	6.1	7.4	9.3	13.1	20.5	37.7	74.6	99.7	70.8
75,0°	3.0	3.2	3.5	4.1	4.9	6.3	7.2	9.1	12.2	17.4	28.3	36.6	27.1
77,5°	2.1	2.4	2.5	2.9	3.4	4.5	4.8	5.8	7.3	9.0	12.2	15.7	12.4
80,0°	1.5	1.9	1.9	1.9	2.2	2.6	2.9	3.5	4.0	5.0	7.3	8.4	6.1
82,5°	1.1	1.4	1.4	1.4	1.4	1.6	1.7	1.9	2.3	2.8	3.8	4.0	3.3
85,0°	0.6	0.8	0.8	0.6	0.7	0.8	0.9	1.0	1.0	1.2	1.5	1.7	1.6
87,5°	0.2	0.3	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.8	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°	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
2,5°	104.1	105.1	105.9	106.5	107.0	112.3	76.6	74.7	72.8	71.0	69.1	67.4	65.8
5,0°	140.3	143.0	145.3	147.1	148.3	146.7	76.4	72.2	68.4	64.8	61.5	58.4	55.7
7,5°	177.7	182.2	185.7	188.5	190.4	191.5	77.2	71.2	65.4	60.2	55.6	51.7	48.3
10,0°	224.4	230.9	235.3	238.4	240.5	239.0	77.0	69.7	62.6	56.0	50.0	45.4	41.5
12,5°	255.6	262.6	268.6	273.4	277.0	279.4	76.3	67.5	59.2	51.9	45.6	40.6	36.7
15,0°	286.7	296.0	303.7	309.5	313.4	313.3	75.2	64.9	56.5	48.6	41.5	36.0	32.0
17,5°	317.0	327.9	336.9	343.9	349.0	355.4	74.5	61.9	51.7	44.0	36.8	31.6	27.7
20,0°	340.8	353.5	364.8	373.4	379.7	380.7	72.2	59.2	48.8	39.8	32.2	27.3	24.0
22,5°	359.1	374.1	386.5	397.4	406.1	413.1	69.7	56.9	44.7	35.3	27.8	23.4	20.0
25,0°	373.2	389.3	403.5	416.3	425.0	427.8	66.5	53.0	40.9	31.3	24.2	19.5	16.5
27,5°	386.3	403.2	421.5	435.9	444.5	451.3	61.6	48.1	36.6	27.1	20.4	16.2	13.6
30,0°	411.0	431.7	450.0	463.4	472.8	474.6	56.4	43.3	32.3	23.5	17.2	13.7	11.6
32,5°	444.8	466.8	485.4	495.9	502.4	508.8	51.3	38.6	28.3	20.0	14.9	12.0	10.4
35,0°	484.4	504.1	515.2	522.8	527.6	530.1	46.0	34.1	24.3	17.1	13.1	10.8	9.4
37,5°	504.3	520.2	527.4	530.7	535.1	536.6	40.8	29.9	20.5	14.7	11.6	10.0	8.5
40,0°	501.6	525.3	535.5	542.1	547.5	550.1	35.2	25.6	17.5	12.9	10.6	9.4	7.9
42,5°	515.5	563.6	583.8	597.2	621.6	660.8	29.8	21.3	15.1	11.4	9.6	8.5	7.4
45,0°	597.2	675.0	705.3	720.2	788.4	826.2	22.0	17.2	13.2	10.4	8.8	7.5	6.6
47,5°	732.9	825.1	861.2	872.8	964.4	1068.6	15.1	12.6	10.9	9.3	8.1	6.8	6.0
50,0°	965.1	1056.6	1075.0	1075.7	1188.4	1270.7	12.9	10.8	9.4	8.0	7.0	6.1	5.3
52,5°	1279.2	1352.0	1348.1	1319.2	1433.7	1539.3	11.4	9.5	8.2	7.0	5.9	5.3	4.7
55,0°	1600.4	1635.8	1599.0	1557.7	1661.2	1729.4	9.2	8.1	7.1	6.3	5.3	4.6	4.2
57,5°	1813.9	1740.4	1686.7	1696.2	1717.1	1713.9	7.0	6.3	5.9	5.5	4.7	4.2	3.8
60,0°	1735.8	1537.9	1506.4	1585.6	1431.2	1321.6	6.0	5.4	5.2	4.7	4.2	3.9	3.7
62,5°	1317.0	1096.2	1102.2	1162.6	929.0	734.3	5.4	4.9	4.7	4.2	3.8	3.7	3.6
65,0°	787.3	613.8	652.3	654.1	523.1	453.2	5.1	4.7	4.4	4.0	3.7	3.6	3.5
67,5°	368.9	284.2	292.2	239.9	192.2	140.2	4.7	4.2	3.9	3.7	3.5	3.4	3.3
70,0°	132.6	123.6	117.9	81.6	62.4	60.8	4.3	3.9	3.6	3.4	3.3	3.3	3.3
72,5°	44.5	48.6	40.3	24.6	18.7	16.9	3.4	3.1	3.0	3.0	3.0	3.1	3.1
75,0°	20.0	21.0	14.3	9.3	9.1	10.9	2.6	2.2	2.1	2.3	2.5	2.6	2.8
77,5°	11.0	11.0	7.5	5.5	5.6	6.0	1.7	1.5	1.5	1.7	2.0	2.1	2.2
80,0°	5.1	5.1	4.3	3.5	3.5	4.0	1.2	1.1	1.1	1.2	1.4	1.6	1.7
82,5°	2.9	3.0	2.7	2.3	2.3	2.5	0.7	0.7	0.8	0.9	1.1	1.2	1.4
85,0°	1.4	1.4	1.4	1.4	1.3	1.4	0.5	0.5	0.6	0.7	0.9	1.0	1.1
87,5°	0.9	1.0	1.0	1.0	1.0	0.9	0.3	0.4	0.5	0.6	0.7	0.8	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	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°	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	0.1	0.1
2,5°	64.2	62.7	61.3	60.0	58.9	58.1	57.4	56.8	56.4	56.1	56.1	1.0	1.1
5,0°	53.1	50.8	48.8	47.1	45.7	44.5	43.6	42.9	42.5	42.1	42.0	2.1	3.2
7,5°	45.3	42.7	40.5	38.8	37.4	36.2	35.5	35.0	34.8	34.7	34.7	3.5	6.7
10,0°	38.5	36.1	34.1	32.6	31.2	30.3	29.8	29.7	29.8	29.8	29.9	5.3	11.9
12,5°	33.8	31.5	29.7	28.0	27.1	26.5	26.3	26.3	26.3	26.0	26.0	7.1	19.0
15,0°	29.3	27.2	25.3	24.1	23.4	23.1	22.9	22.8	22.8	22.8	22.6	9.1	28.2
17,5°	25.0	23.4	21.7	20.6	20.1	20.0	20.0	19.6	19.0	19.1	19.2	11.3	39.4
20,0°	21.4	19.5	18.3	17.7	17.5	17.5	17.1	16.4	16.3	16.2	16.2	13.4	52.9
22,5°	17.4	16.1	15.4	14.8	15.0	14.6	14.1	13.8	13.6	13.5	13.5	15.5	68.3
25,0°	14.5	13.4	12.5	12.4	12.2	11.8	11.5	11.2	11.0	10.9	10.9	17.4	85.7
27,5°	12.2	10.8	10.2	10.3	9.4	9.3	9.1	8.8	8.5	8.4	8.3	19.3	105.0
30,0°	10.4	9.1	9.0	8.2	7.9	7.6	7.4	7.2	6.9	6.7	6.7	21.6	126.6
32,5°	9.0	8.3	8.0	7.1	6.8	6.7	6.5	6.4	6.2	6.1	6.1	24.3	151.0
35,0°	8.2	7.9	6.9	6.6	6.3	6.1	6.0	5.9	5.8	5.8	5.8	27.2	178.2
37,5°	7.6	7.4	6.4	6.1	5.9	5.8	5.7	5.7	5.6	5.6	5.6	29.0	207.2
40,0°	7.1	6.4	6.0	5.6	5.5	5.4	5.4	5.3	5.3	5.3	5.2	30.1	237.2
42,5°	6.7	5.8	5.3	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	32.6	269.8
45,0°	6.0	5.3	4.8	4.7	4.7	4.7	4.7	4.8	4.8	4.7	4.7	38.5	308.3
47,5°	5.2	4.7	4.4	4.3	4.4	4.5	4.5	4.6	4.6	4.6	4.6	47.6	356.0
50,0°	4.6	4.1	4.0	4.1	4.1	4.2	4.4	4.4	4.5	4.5	4.5	62.6	418.5
52,5°	4.1	3.8	3.7	3.8	3.9	4.1	4.3	4.4	4.4	4.5	4.5	82.5	501.1
55,0°	3.8	3.5	3.6	3.7	3.9	4.1	4.3	4.5	4.5	4.6	4.6	101.9	602.9
57,5°	3.5	3.4	3.5	3.7	3.9	4.1	4.4	4.7	4.8	4.8	4.9	112.8	715.8
60,0°	3.4	3.2	3.4	3.6	3.8	4.1	4.5	4.8	5.0	5.1	5.1	105.9	821.7
62,5°	3.3	3.1	3.2	3.4	3.7	4.0	4.4	4.8	5.2	5.3	5.4	80.2	901.9
65,0°	3.2	3.2	3.3	3.5	3.8	4.1	4.5	4.8	5.1	5.3	5.3	51.0	952.9
67,5°	3.3	3.5	3.8	4.1	4.3	4.6	4.8	5.1	5.3	5.4	5.4	25.8	978.7
70,0°	3.4	3.8	4.3	4.6	4.9	5.1	5.2	5.4	5.6	5.6	5.7	11.2	989.9
72,5°	3.4	3.9	4.2	4.5	4.8	5.1	5.3	5.4	5.6	5.7	5.7	4.5	994.4
75,0°	3.1	3.7	4.0	4.3	4.6	4.9	5.1	5.3	5.4	5.5	5.6	2.3	996.6
77,5°	2.5	2.9	3.2	3.5	3.8	4.1	4.3	4.5	4.6	4.7	4.7	1.4	998.0
80,0°	1.9	2.2	2.5	2.7	3.0	3.2	3.4	3.6	3.7	3.8	3.9	0.9	998.8
82,5°	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.0	3.1	3.1	0.6	999.4
85,0°	1.2	1.4	1.5	1.7	1.8	2.0	2.2	2.3	2.4	2.5	2.5	0.4	999.8
87,5°	1.0	1.1	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.0	2.1	0.2	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	0.0	1000.0

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siteco

Dimmstufen-Tabelle

Umgebungstemperatur: 10°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
100	253	254	116788	1330.0
95	234	251	111271	1226.8
90	216	248	105290	1129.0
85	201	245	99681	1048.1
80	184	242	93481	955.9
75	170	239	87942	880.5
70	157	236	82126	811.3
65	143	233	76187	737.6
60	130	229	70348	669.2
55	118	226	64174	607.1
50	104	221	58423	533.6
45	93	217	52589	477.0
40	82	213	46995	420.7
35	71	207	41228	364.1
30	60	201	35180	308.1
25	49	194	29610	252.7
20	39	185	23543	203.1
15	28	173	17290	149.0
10	19	159	11743	104.6
5	9	132	5870	56.3
1	2	77	1584	20.6

Dimmstufen-Tabelle

Umgebungstemperatur: 25°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
95	----	----	----	----
90	----	----	----	----
85	----	----	----	----
80	----	----	----	----
78	174	240	86895	894.8
75	166	239	83954	852.4
70	152	235	78315	778.5
65	139	232	72709	710.5
60	126	228	66920	643.0
55	115	225	61547	584.6
50	101	220	55885	513.1
45	90	216	50132	457.1
40	79	211	44637	401.3
35	68	206	39025	345.0
30	58	200	33488	294.9
25	47	192	27796	240.1
20	37	184	22179	191.2
15	27	172	16532	142.4
10	18	157	11260	98.5
5	9	132	5817	55.7
1	2	77	1571	20.3

office

industry

traffic

retail

public

sports

Lichttechnischer Prüfbefund

Familie
Floodlight FL11

Bestell-Nr.: 5XA779125H01AA
EAN: 4058352556917

LP-Nummer
59257_44

Lichtstrom-Tabelle

siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
10.0	117060.0	1335.4
25.0	87350.0	901.8