

Lichttechnischer Prüfbefund

Familie
Floodlight FL11

Bestell-Nr.: 5XA779115H01BA
EAN: 4058352884935

LP-Nummer
59257_53



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 = 67260 lm
Systemleistung = 705.6 W
Lichtausbeute = 95.3 lm/W

Seriendokumentation
02.11.2023

siteco

Lichtstärke in cd/klm

C180-0

C240-60

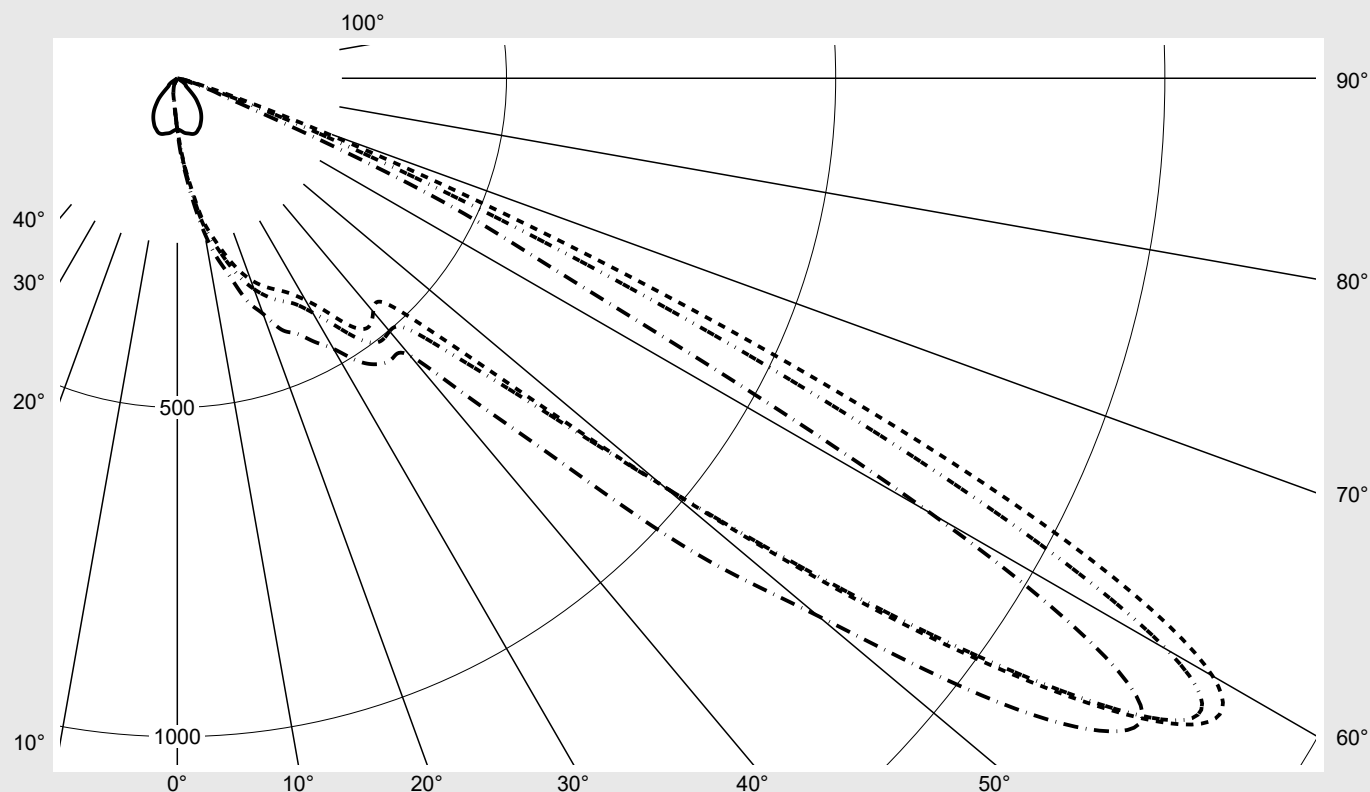
C245-65

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

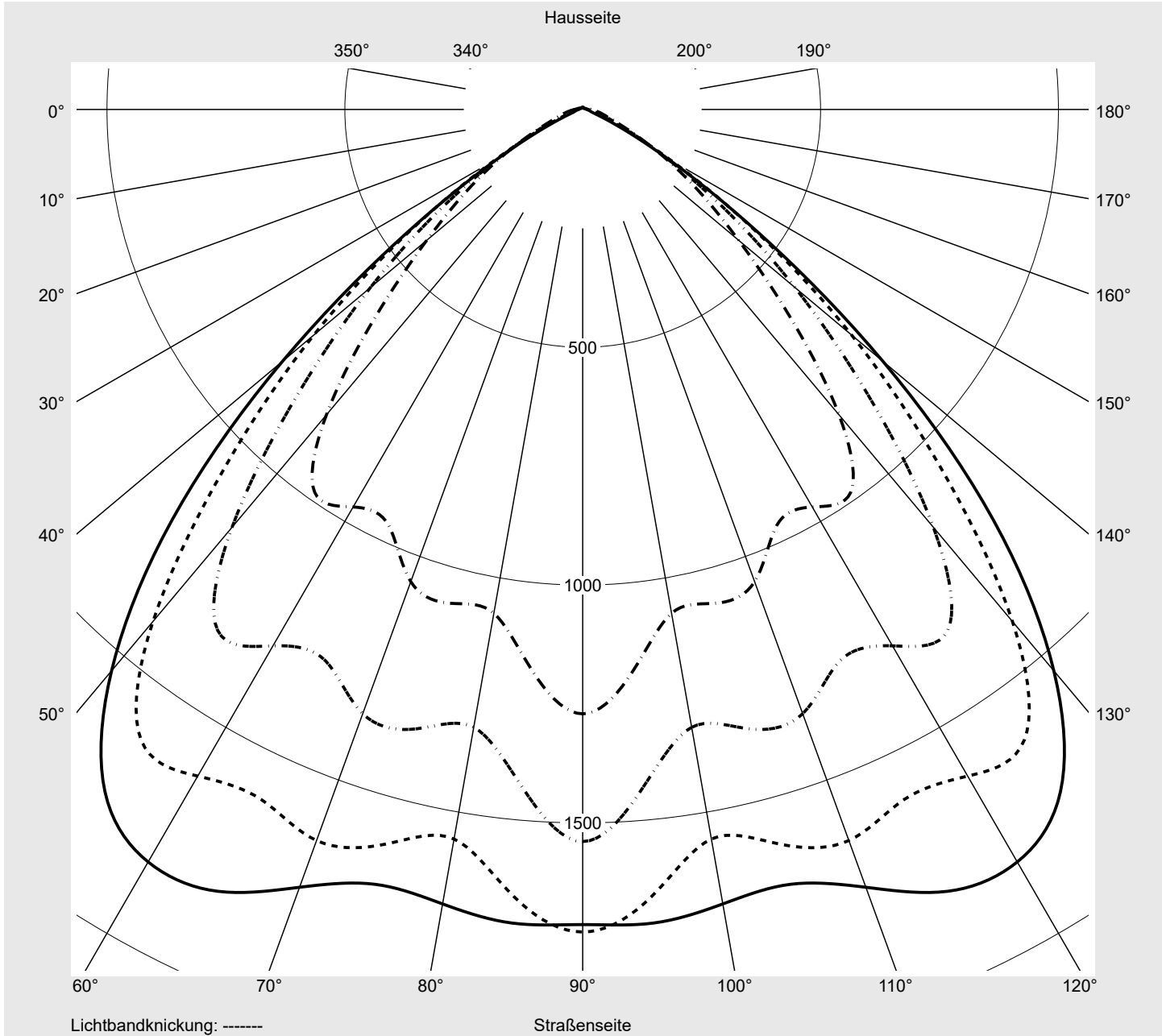
DIN EN 13032 und DIN 5032

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



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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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Dimmstufen-Tabelle	Umgebungstemperatur: 10°C	siteco
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
99	251	254	66669	696.9
95	237	251	63917	657.0
90	221	249	60528	611.3
85	205	246	57081	566.3
80	190	243	53713	524.1
75	176	241	50399	484.9
70	162	238	47022	446.1
65	149	234	43754	410.6
60	135	231	40296	371.5
55	123	227	37118	338.8
50	110	223	33582	303.3
45	98	219	30266	270.7
40	86	214	26907	237.7
35	74	209	23404	205.3
30	63	203	20166	176.0
25	52	196	16831	146.8
20	41	187	13430	117.7
15	30	176	10036	89.1
10	20	161	6807	63.0
5	9	132	3235	34.6
2	3	91	1253	18.1

Dimmstufen-Tabelle	Umgebungstemperatur: 25°C
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
95	----	----	----	----
90	----	----	----	----
86	205	246	55351	562.0
85	203	246	54923	556.3
80	188	243	51718	514.4
75	173	240	48369	472.7
70	159	237	45173	433.9
65	146	234	42014	398.1
60	132	230	38652	359.9
55	120	227	35578	327.4
50	107	222	32149	292.2
45	96	219	29177	262.5
40	84	214	25896	229.9
35	72	208	22495	197.8
30	61	202	19279	168.8
25	50	195	16007	140.0
20	40	186	12963	113.8
15	29	175	9615	85.5
10	19	159	6423	59.7
5	9	132	3206	34.2
2	3	92	1243	17.9

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779115H01BA EAN: 4058352884935	LP-Nummer 59257_53
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Lichtstrom-Tabelle	siteco
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Temperatur °C	Lichtstrom lm	Systemleistung W
10.0	67260.0	705.6
25.0	55550.0	564.6