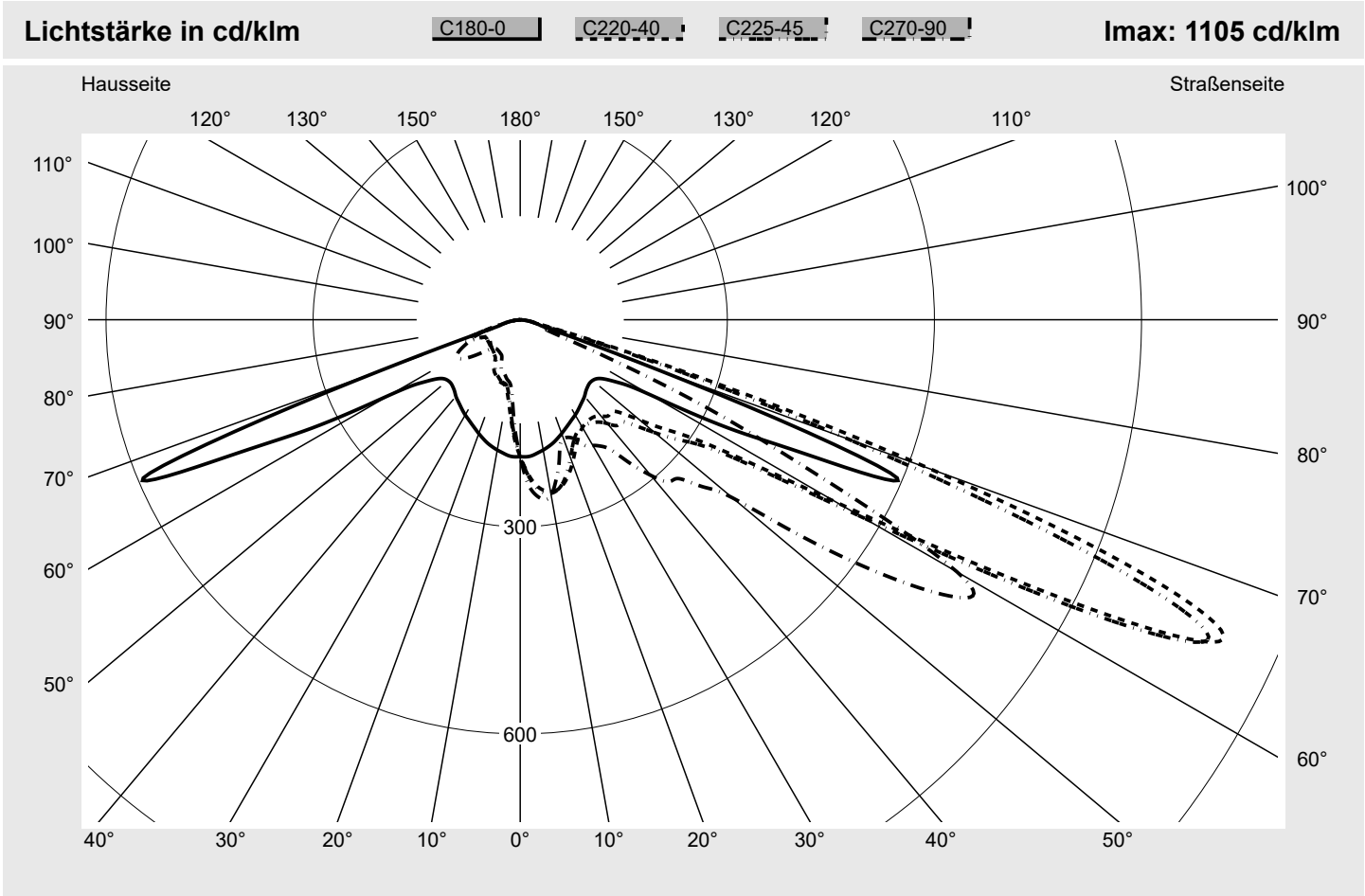


Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779116D01AB EAN: 4069025139047	LP-Nummer 59241_61
	Ausführung Optik Abdeckung Bestückung Betriebsgerät Bemessungswerte	Bügel gekröpft asymmetrisch strahlend PL52 Einscheibensicherheitsglas (ESG) LED 4000 K CRI ≥ 70 EVG-DALI Ta = 0 °C Nettolichtstrom = 125980 lm Systemleistung = 1062.2 W Lichtausbeute = 118.6 lm/W
		Seriendokumentation 07.08.2024
		siteco



Leuchtenbetriebswirkungsgrade	Lichtstärkeklasse nach EN13201-2
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Messbedingungen	Klasse: G3
DIN EN 13032 und DIN 5032	Imax 70° 749.2
	Imax 80° 33.4
	Imax 90° 0.0
	Imax >90° 0.0
	Imax >95° 0.0

Lichttechnischer Prüfbefund

Familie
Floodlight FL11

Bestell-Nr.: 5XA779116D01AB
EAN: 4069025139047

LP-Nummer
59241_61

Kegelmantelkurven in cd/klm

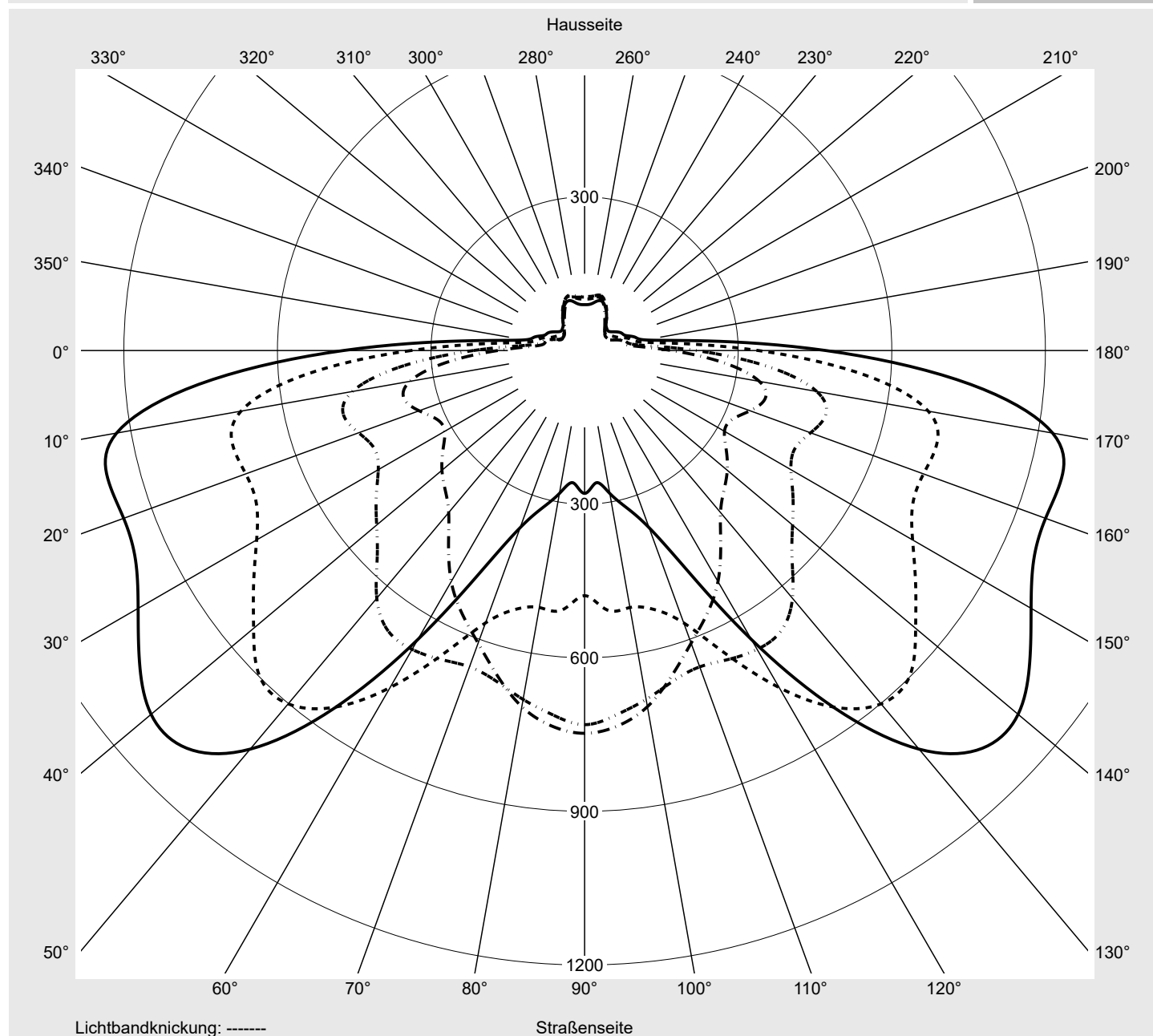
KMK 65°

KMK 62,5°

KMK 60°

KMK 57,5°

siteco



Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779116D01AB EAN: 4069025139047								LP-Nummer 59241_61	
Wertetabelle Lichtstärkemessung												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°	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4
2,5°	198.7	201.8	204.8	207.9	210.5	213.1	215.6	218.0	220.0	222.1	223.9	225.2	226.6
5,0°	197.5	203.9	210.1	215.9	221.0	226.1	230.5	234.7	238.2	241.5	244.4	246.7	248.8
7,5°	194.5	204.0	212.8	220.8	227.9	234.4	239.8	244.7	248.5	251.9	254.7	256.6	258.2
10,0°	191.6	203.6	214.7	224.5	232.6	239.7	245.3	249.8	253.0	255.4	256.9	257.5	257.7
12,5°	188.3	202.7	215.6	226.6	235.2	242.2	247.1	250.3	251.7	252.0	251.1	249.3	247.1
15,0°	184.6	201.1	215.3	227.2	236.0	242.1	245.5	246.5	245.4	242.6	238.7	234.1	229.5
17,5°	180.1	198.7	214.3	226.4	234.7	239.4	240.6	238.8	234.4	228.4	221.6	215.0	208.9
20,0°	175.5	196.0	212.6	225.0	232.3	235.0	233.5	228.5	221.2	212.9	204.8	197.9	192.3
22,5°	170.8	193.2	210.9	223.1	229.2	229.5	225.0	216.9	207.2	198.1	190.9	186.0	183.2
25,0°	166.5	190.8	209.5	221.4	226.0	223.6	216.2	205.7	195.3	187.5	183.1	181.8	182.9
27,5°	162.6	188.9	208.7	220.2	223.0	217.9	207.4	195.5	186.2	181.2	181.1	184.8	190.2
30,0°	159.3	187.6	208.7	219.9	220.9	213.2	200.6	188.1	180.3	178.9	183.9	192.4	200.6
32,5°	155.6	186.4	208.9	219.9	219.2	209.1	195.1	182.6	176.9	179.4	188.7	200.9	210.7
35,0°	151.7	185.0	209.5	220.7	218.2	205.8	190.5	178.9	176.0	182.1	194.6	208.8	219.8
37,5°	148.2	184.6	210.6	222.0	217.8	203.0	187.2	177.0	177.0	186.9	202.3	219.6	234.1
40,0°	144.9	183.9	212.1	223.7	218.0	202.1	186.1	178.0	182.1	196.4	216.1	237.1	256.9
42,5°	140.7	183.2	213.9	225.3	218.0	200.6	184.8	179.7	188.7	207.7	230.6	252.9	273.8
45,0°	137.8	184.0	217.3	228.0	217.6	196.8	179.6	176.1	187.8	209.2	234.2	258.2	278.2
47,5°	136.2	188.2	224.9	235.1	222.0	198.5	182.2	183.4	200.9	227.5	253.2	274.4	292.0
50,0°	136.9	195.8	237.5	249.0	234.0	209.5	195.4	202.1	226.1	254.5	277.3	293.1	307.0
52,5°	140.3	208.3	256.9	270.1	254.2	229.3	218.2	230.9	257.7	284.1	301.5	311.8	324.9
55,0°	150.0	230.6	289.0	303.9	285.4	259.2	250.9	267.2	293.3	315.0	328.7	342.9	377.4
57,5°	169.9	272.7	346.5	364.8	343.9	318.1	315.5	337.7	363.8	385.1	413.0	463.4	521.0
60,0°	217.5	360.1	460.5	487.4	469.7	453.2	465.4	496.9	530.3	572.9	631.6	668.8	674.0
62,5°	339.5	549.8	681.6	711.7	704.4	707.4	739.7	789.2	844.0	898.4	900.8	850.3	760.1
65,0°	471.4	756.3	928.3	964.4	958.1	967.9	1007.0	1061.4	1105.4	1098.6	1016.3	853.0	651.7
67,5°	580.5	784.3	996.7	1047.0	1038.0	1032.0	1044.8	1049.4	1010.6	915.8	763.6	561.5	403.9
70,0°	214.6	443.1	619.1	717.7	749.2	739.5	731.6	704.1	633.2	506.4	378.9	314.3	250.3
72,5°	47.8	71.8	92.0	126.4	207.8	269.5	281.4	276.1	237.2	192.6	177.4	155.1	127.9
75,0°	28.7	31.6	33.7	36.4	44.1	64.2	72.8	73.1	64.5	40.1	61.7	56.1	51.5
77,5°	21.1	22.2	23.2	24.3	26.0	28.7	29.0	28.1	26.6	26.4	28.3	28.1	28.6
80,0°	16.3	15.8	15.8	16.5	17.1	18.1	17.9	17.5	17.5	17.8	17.8	18.0	22.8
82,5°	10.4	9.7	9.8	10.2	10.3	10.5	10.7	10.3	10.3	10.3	10.1	10.1	11.6
85,0°	5.3	4.8	4.8	4.9	4.9	5.0	4.9	4.8	4.6	4.3	4.2	4.0	3.9
87,5°	1.8	1.8	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.3	1.3	1.3
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

Familie Floodlight FL11				Bestell-Nr.: 5XA779116D01AB EAN: 4069025139047								LP-Nummer 59241_61	
Wertetabelle Lichtstärkemessung												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°	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4
2,5°	227.8	228.9	229.7	230.2	230.5	235.4	195.7	192.6	189.5	186.4	183.3	180.4	177.7
5,0°	250.5	251.8	252.8	253.5	254.0	254.3	191.1	184.3	177.5	171.0	164.5	158.5	153.0
7,5°	259.5	260.4	261.0	261.4	261.7	262.5	184.9	174.8	164.9	155.3	146.2	138.0	130.6
10,0°	257.6	257.2	256.7	256.3	256.1	258.1	179.0	165.9	153.2	141.4	130.7	121.5	113.7
12,5°	244.8	242.5	240.5	239.0	238.3	238.7	172.8	157.2	142.3	129.2	118.1	109.5	103.1
15,0°	225.2	221.2	218.1	215.8	214.7	216.7	166.7	148.8	132.7	119.2	109.2	102.4	98.4
17,5°	203.8	199.6	196.5	194.5	193.6	191.8	159.7	140.2	123.3	110.8	102.7	98.4	96.4
20,0°	188.3	185.5	183.8	182.9	182.7	183.4	153.1	132.2	115.3	104.2	98.4	96.1	94.5
22,5°	181.8	181.2	181.4	182.1	183.0	184.5	146.4	124.6	108.3	99.1	95.4	93.6	91.3
25,0°	184.8	186.5	188.3	190.5	192.4	192.4	140.5	118.0	102.8	95.7	93.1	90.8	88.2
27,5°	194.5	196.9	199.1	202.3	204.3	206.0	134.7	111.9	98.3	92.9	90.5	87.9	85.5
30,0°	205.5	206.3	207.7	211.1	211.7	210.4	129.5	106.9	94.7	90.7	88.0	85.6	81.4
32,5°	214.6	214.1	215.3	219.3	217.5	217.2	124.3	101.9	91.5	88.2	85.5	82.6	74.4
35,0°	224.3	225.8	231.4	237.6	233.6	230.9	118.8	97.1	88.5	85.5	81.9	75.5	67.3
37,5°	242.5	248.6	257.2	261.7	261.4	262.9	113.6	92.6	85.7	83.0	75.6	67.8	63.3
40,0°	269.5	277.8	286.8	292.2	294.3	294.4	108.8	88.8	83.0	80.1	67.9	62.7	61.4
42,5°	288.1	296.4	305.4	312.4	315.9	318.3	103.7	85.1	80.7	76.5	62.5	60.1	59.5
45,0°	292.4	300.4	310.5	319.5	324.1	325.6	99.1	81.9	78.6	73.3	59.5	58.0	57.6
47,5°	307.0	315.2	326.9	341.7	349.2	358.0	95.5	79.4	76.9	70.2	57.2	56.1	56.1
50,0°	321.7	336.5	356.9	382.5	399.0	401.3	92.9	77.8	75.5	67.2	54.8	54.3	54.6
52,5°	349.2	386.2	431.6	478.4	507.7	518.9	91.7	76.8	74.7	64.5	52.7	52.4	52.9
55,0°	434.8	497.1	555.8	609.9	642.5	646.0	93.1	77.2	74.5	62.1	51.1	50.6	51.3
57,5°	566.7	608.2	657.7	706.3	736.2	747.6	99.1	79.8	75.3	60.4	50.3	49.1	49.8
60,0°	665.6	657.4	668.3	691.9	714.2	730.8	115.8	86.0	79.0	63.0	52.8	49.8	49.2
62,5°	654.2	566.1	523.5	509.6	508.8	478.7	166.6	102.4	89.9	74.1	64.4	58.1	53.1
65,0°	473.0	368.1	318.0	283.4	259.2	279.0	220.3	119.6	101.5	85.7	80.1	72.9	63.9
67,5°	303.2	234.6	127.7	94.1	83.6	72.6	142.4	96.1	89.7	82.1	80.7	77.1	70.6
70,0°	193.4	146.5	58.3	44.8	44.0	44.3	56.4	49.2	49.6	52.8	55.7	59.0	59.5
72,5°	97.7	77.0	42.5	37.4	37.6	37.8	32.8	32.2	32.2	33.2	34.5	37.6	39.2
75,0°	45.7	41.4	34.4	32.5	31.6	32.6	25.8	25.7	25.6	26.2	27.0	28.4	30.1
77,5°	30.7	31.6	27.6	23.6	22.4	21.6	20.5	19.9	19.4	20.0	20.3	21.3	22.5
80,0°	33.4	29.1	19.0	15.7	14.8	15.4	16.2	14.2	13.7	14.1	14.3	14.8	15.0
82,5°	15.5	14.5	10.2	8.8	8.3	8.3	9.7	8.6	8.7	8.8	9.0	8.8	8.7
85,0°	3.8	3.6	3.5	3.4	3.4	3.6	4.5	4.4	4.4	4.4	4.3	4.1	3.9
87,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.8	1.8	1.8	1.7	1.7	1.6	1.6
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

Familie Floodlight FL11				Bestell-Nr.: 5XA779116D01AB EAN: 4069025139047								LP-Nummer 59241_61	
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°	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	0.3	0.3
2,5°	175.3	172.9	170.7	168.9	167.2	165.8	164.6	163.7	163.1	162.5	162.7	2.4	2.7
5,0°	147.8	143.2	139.0	135.4	132.4	129.7	127.5	125.9	124.7	124.0	123.9	4.6	7.3
7,5°	124.0	118.4	113.7	109.9	106.8	104.4	102.6	101.3	100.4	99.8	99.6	6.7	13.9
10,0°	107.5	102.7	99.2	96.7	95.0	93.7	92.9	92.3	91.9	91.6	91.5	8.6	22.5
12,5°	98.7	95.8	94.0	92.7	91.7	90.8	90.0	89.3	88.8	88.4	88.2	10.4	32.9
15,0°	96.0	94.3	92.8	91.0	89.2	87.6	86.2	85.2	84.3	83.8	83.6	11.8	44.7
17,5°	94.9	92.9	90.4	88.0	85.9	84.1	82.6	81.5	80.7	80.1	79.9	13.0	57.8
20,0°	92.4	89.9	87.5	85.5	83.6	81.9	80.4	79.2	78.5	78.0	77.8	14.2	72.0
22,5°	88.9	86.9	85.1	83.6	81.4	77.6	75.0	73.4	72.6	72.2	72.0	15.3	87.3
25,0°	86.1	84.2	82.4	78.8	74.1	69.7	66.1	64.7	64.0	63.6	63.4	16.5	103.8
27,5°	82.2	78.7	74.9	70.8	66.1	63.3	61.7	60.3	59.2	58.5	58.2	17.8	121.5
30,0°	75.0	70.4	67.7	65.0	63.5	62.1	60.4	58.9	57.8	57.0	56.7	19.1	140.7
32,5°	67.2	65.2	64.1	63.1	62.1	60.8	59.3	57.9	56.7	56.0	55.6	20.5	161.2
35,0°	64.0	63.3	62.4	61.6	60.9	59.8	58.5	57.2	56.2	55.4	55.0	22.1	183.2
37,5°	62.5	61.7	61.0	60.3	59.8	59.1	57.9	56.7	55.7	54.8	54.4	24.0	207.2
40,0°	60.8	60.3	59.7	59.3	59.0	58.5	57.8	57.0	56.2	55.3	54.8	26.3	233.5
42,5°	59.2	59.0	58.8	58.6	58.6	58.5	58.4	58.3	57.9	57.0	56.3	28.4	261.9
45,0°	57.9	58.2	58.3	58.5	58.8	59.5	60.4	61.2	61.4	60.6	59.9	29.9	291.8
47,5°	56.9	57.7	58.4	59.0	60.2	62.1	64.4	66.4	67.2	66.9	66.3	32.5	324.2
50,0°	55.7	57.2	58.7	60.5	63.0	66.5	71.0	74.6	76.0	76.1	75.8	36.1	360.3
52,5°	54.5	56.6	59.2	62.5	67.0	73.2	80.5	85.6	87.0	87.1	86.9	41.8	402.1
55,0°	53.2	56.1	60.0	65.4	72.4	81.8	91.8	97.7	97.9	97.6	97.6	50.1	452.3
57,5°	52.1	56.0	61.4	68.9	78.7	90.8	102.4	107.7	106.0	104.7	104.5	61.7	514.0
60,0°	51.3	55.7	62.6	72.2	83.7	96.6	108.4	112.2	108.5	106.0	105.6	76.9	590.9
62,5°	52.3	56.2	63.8	74.5	86.6	98.6	108.3	109.7	104.4	101.2	100.6	94.5	685.4
65,0°	59.7	61.2	65.1	74.3	85.2	94.9	101.5	100.6	94.0	90.2	89.6	105.6	791.0
67,5°	70.8	76.7	70.4	71.4	78.8	84.4	87.9	86.4	81.3	78.6	78.3	95.5	886.4
70,0°	69.5	84.7	76.7	65.7	68.6	73.5	76.3	74.7	70.1	67.6	67.4	61.9	948.4
72,5°	47.4	61.9	61.1	56.0	57.7	60.7	61.9	59.8	55.2	53.4	54.3	24.8	973.2
75,0°	31.9	36.3	40.3	42.5	47.6	45.9	45.5	43.5	40.1	38.7	40.0	10.9	984.1
77,5°	23.8	26.0	28.0	29.4	31.1	32.7	33.1	31.2	28.5	27.1	28.0	7.0	991.0
80,0°	15.7	16.7	17.9	18.7	18.9	19.5	19.8	18.6	17.3	16.5	16.4	4.8	995.8
82,5°	8.8	9.1	9.6	9.4	9.7	10.0	9.5	8.6	7.8	7.4	7.3	2.7	998.5
85,0°	3.9	3.8	3.7	3.5	3.2	2.9	2.8	2.8	2.7	2.7	2.7	1.1	999.6
87,5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	0.4	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

Familie Floodlight FL11	Bestell-Nr.: 5XA779116D01AB EAN: 4069025139047	LP-Nummer 59241_61
Dimmstufen-Tabelle Umgebungstemperatur: 0°C		siteco

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
99	252	254	125293	1053.7
95	236	251	119518	985.2
90	220	249	113407	916.4
85	203	246	107128	847.1
80	188	243	100720	781.8
75	173	240	94268	718.7
70	159	237	88087	660.5
65	145	233	81684	603.0
60	132	230	75587	550.3
55	119	226	69176	497.2
50	107	222	63049	448.4
45	95	218	56872	401.1
40	84	213	50499	354.3
35	72	208	44085	308.8
30	61	202	37913	266.5
25	50	194	31423	222.8
20	40	186	25042	184.6
15	29	175	18607	136.9
10	20	161	12878	99.0
5	10	136	6539	56.5
1	3	91	1880	27.5

Dimmstufen-Tabelle	Umgebungstemperatur: 25°C
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
95	----	----	----	----
90	----	----	----	----
85	----	----	----	----
80	----	----	----	----
77	176	241	91744	723.2
75	170	239	89343	698.3
70	155	236	83172	636.9
65	141	233	77095	579.2
60	128	229	71484	528.2
55	115	225	65246	474.7
50	103	221	59371	426.4
45	91	217	53345	379.2
40	80	212	47573	335.8
35	69	206	41621	292.9
30	58	200	35566	250.8
25	48	193	29936	212.7
20	38	185	23995	176.2
15	28	173	17821	130.6
10	19	159	12142	93.2
5	9	132	5839	51.2
2	3	92	1876	27.0

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779116D01AB EAN: 4069025139047	LP-Nummer 59241_61
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
0.0	125980.0	1062.2
25.0	92360.0	729.8