

## Lichttechnischer Prüfbefund

**Familie**  
**DL 11 iQ**

**Bestell-Nr.: 5XA5565LF14H000022**  
**EAN: 4058352956120**

**LP-Nummer**  
**59428\_44**



<b>Ausführung</b>	Mastaufsatz- oder Montage am Wandausleger
<b>Optik</b>	direkt, asymmetrisch extrem breit strahlend P100012
<b>Abdeckung</b>	Abdeckung klar, PMMA
<b>Bestückung</b>	LED 4000 K   CRI ≥ 70
<b>Betriebsgerät</b>	EVG SITECO iQ
<b>Bemessungswerte</b>	Nettolichtstrom = 1530 lm Systemleistung = 10.0 W Lichtausbeute = 153 lm/W

**Seriendokumentation**  
**13.09.2023**

**siteco**

**Lichtstärke in cd/klm**

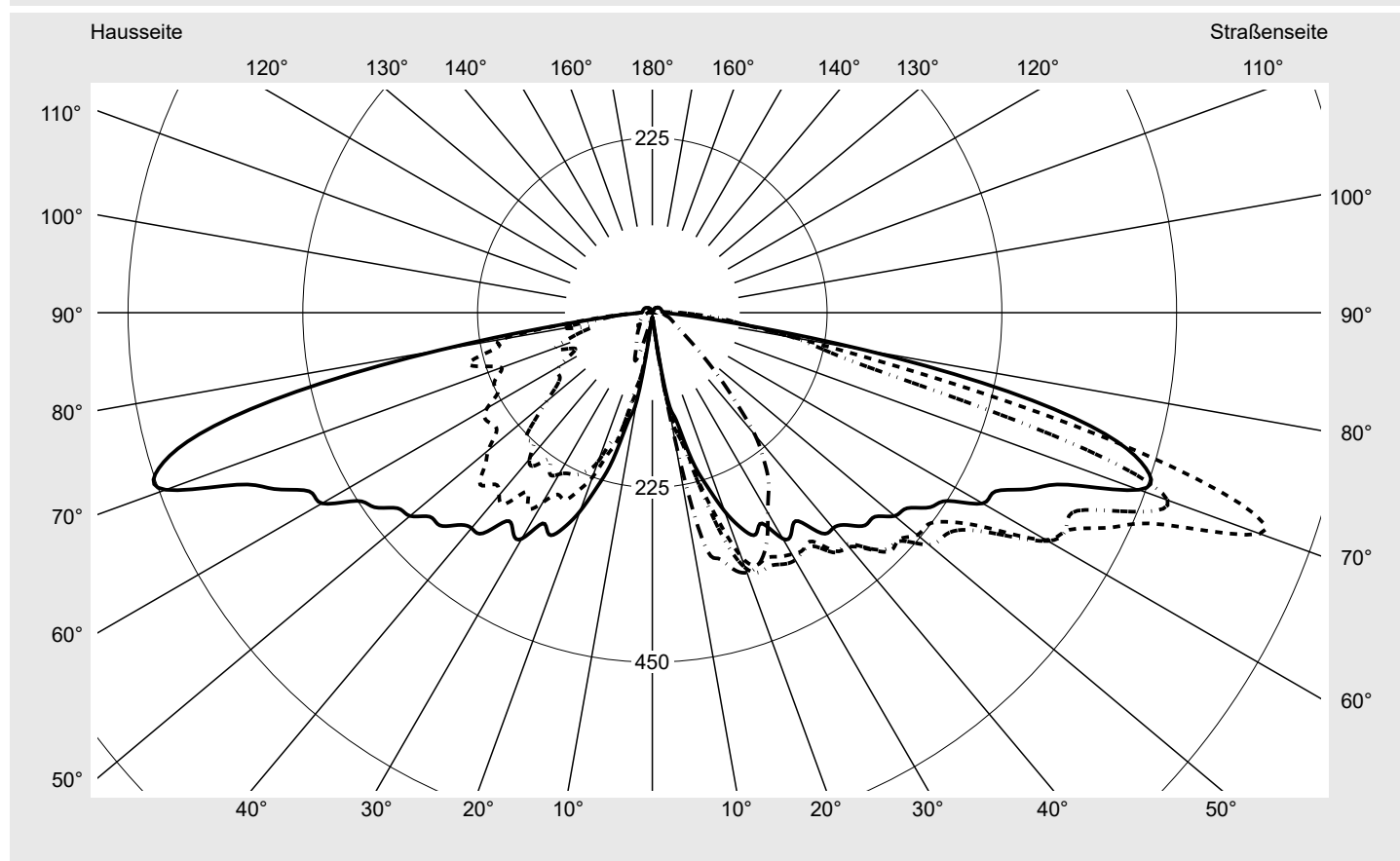
**C180-0**

**C190-10**

**C195-15**

**C270-90**

**Imax: 832 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta	100.0%
Eta 0° - 90°	94.5%
Eta 90° - 180°	5.5%

**Lichtstärkeklasse nach EN13201-2**

Klasse:	---
Imax 70°	832.2
Imax 80°	279.9
Imax 90°	35.4
Imax >90°	18.0
Imax >95°	13.5

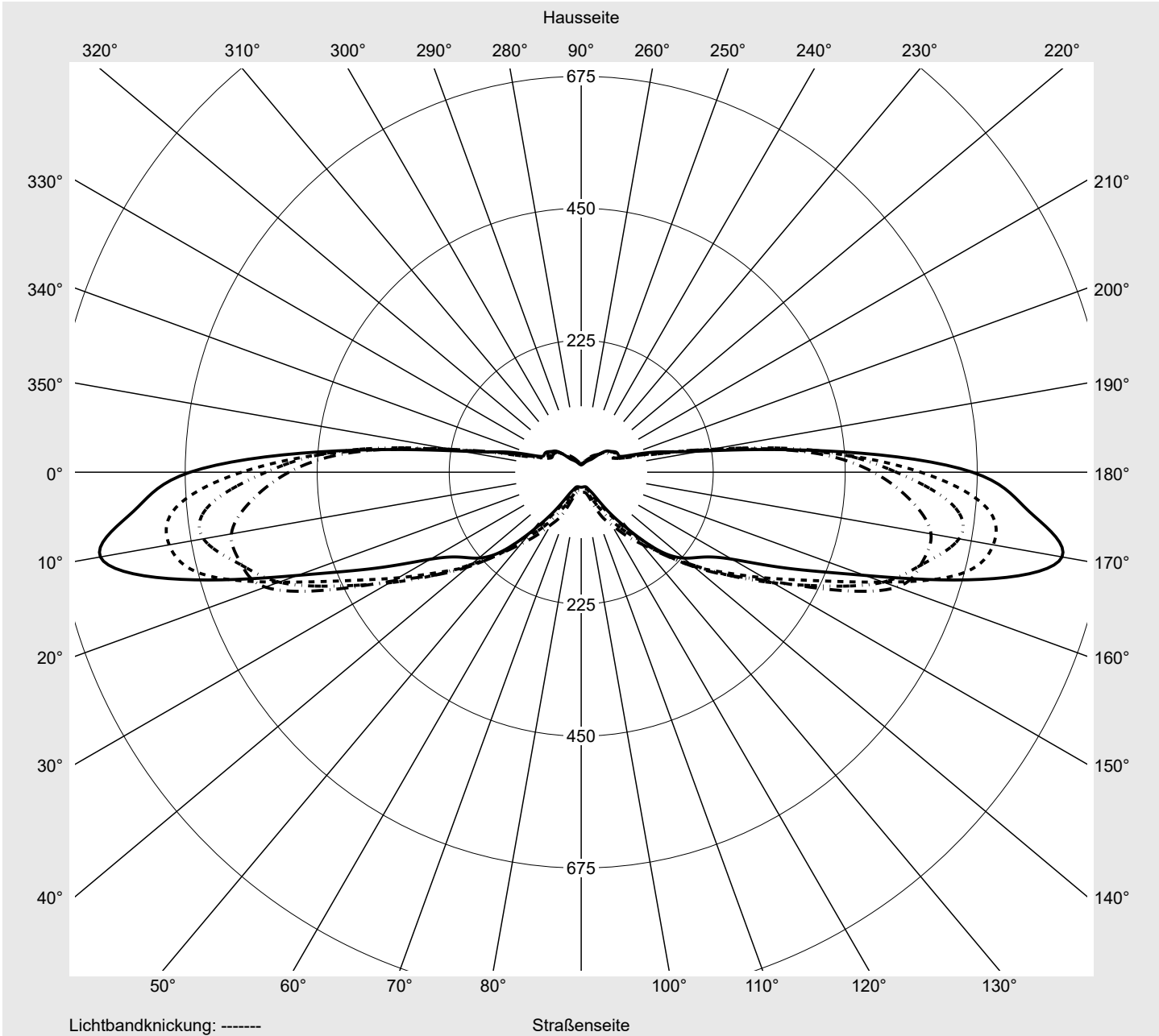
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

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**Kegelmantelkurven in cd/klm**    **KMK 70°**    **KMK 67.5°**    **KMK 65°**    **KMK 62.5°**    **siteco**



## Lichttechnischer Prüfbefund

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

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°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
2,5°	6.9	6.9	6.9	6.7	6.6	6.6	6.8	7.0	7.2	7.2	7.2	7.2	7.5
5,0°	9.8	9.8	9.6	9.6	9.7	9.8	9.9	10.2	10.6	11.1	11.2	11.3	11.5
7,5°	27.5	30.8	35.7	40.7	44.7	47.5	49.9	51.8	53.0	53.0	51.7	50.3	49.1
10,0°	114.3	123.5	128.7	134.8	139.6	143.2	143.9	145.2	148.5	149.5	147.2	146.8	148.8
12,5°	141.8	144.4	152.5	166.5	175.1	180.9	189.2	196.3	206.2	214.1	229.9	248.2	266.0
15,0°	195.8	198.5	215.6	223.5	236.2	250.8	266.4	281.8	304.0	315.4	329.0	341.0	347.8
17,5°	234.3	251.9	278.2	304.0	324.8	336.2	349.0	358.5	368.7	373.5	378.9	373.4	365.9
20,0°	272.1	303.7	334.2	349.6	364.3	368.1	368.5	364.0	370.4	377.2	381.0	380.6	375.7
22,5°	300.7	331.2	351.7	361.5	366.7	374.9	385.3	377.9	374.5	376.2	378.3	376.8	370.3
25,0°	315.0	334.9	348.4	359.7	362.6	362.3	367.0	368.8	367.6	361.6	363.8	368.1	357.5
27,5°	305.9	332.5	354.2	365.1	375.8	374.3	367.3	368.4	364.9	358.6	350.9	349.5	339.9
30,0°	336.2	352.4	359.2	367.8	369.6	373.2	374.6	365.1	356.7	352.9	340.3	334.6	321.6
32,5°	334.0	351.9	361.7	363.0	362.7	356.6	352.5	347.1	331.7	326.4	319.9	312.7	298.7
35,0°	327.6	346.7	359.6	368.0	371.3	372.3	362.7	360.0	341.6	322.6	308.2	291.9	272.9
37,5°	358.1	378.6	387.0	389.4	381.9	376.0	369.5	351.0	331.7	310.7	292.4	272.2	252.2
40,0°	362.2	386.0	393.8	389.1	383.3	369.5	358.9	340.7	317.3	293.8	269.5	247.5	226.8
42,5°	370.8	401.3	413.1	411.4	406.8	390.4	371.3	344.1	312.0	281.0	251.5	221.6	205.2
45,0°	387.3	409.6	433.8	429.3	405.7	380.2	361.1	331.1	292.5	263.7	234.8	207.5	193.5
47,5°	388.9	405.2	431.8	435.1	419.1	377.7	343.3	304.6	267.4	235.5	206.9	186.1	171.4
50,0°	407.3	429.3	445.3	465.1	451.7	393.5	338.7	289.2	246.1	215.9	183.9	168.4	157.3
52,5°	413.6	448.4	447.6	472.9	458.5	416.1	349.9	284.9	236.5	200.0	166.7	155.7	144.1
55,0°	436.8	472.9	470.1	487.6	458.4	428.6	360.3	290.9	236.5	189.8	158.8	151.8	128.4
57,5°	451.1	498.1	517.9	531.8	506.1	437.4	354.1	290.1	232.2	190.1	161.2	150.2	118.0
60,0°	491.1	536.4	585.5	588.0	561.2	465.4	362.5	299.9	247.6	197.6	163.2	142.1	116.3
62,5°	498.2	565.0	605.4	600.6	573.0	474.7	371.0	306.4	250.8	198.5	159.8	130.5	103.6
65,0°	537.2	635.1	653.9	603.6	548.0	459.1	377.0	306.3	244.6	197.0	149.4	115.3	85.1
67,5°	578.8	693.6	713.2	669.7	548.1	437.2	360.2	298.0	249.5	193.6	135.8	94.9	60.1
70,0°	666.8	766.2	832.2	706.0	514.5	387.5	296.6	252.4	227.8	190.7	132.2	84.5	48.1
72,5°	666.2	755.8	767.7	584.6	387.5	247.1	197.0	183.8	185.2	180.0	125.4	72.2	39.0
75,0°	603.5	656.1	563.3	341.2	213.7	157.3	137.9	120.3	123.5	128.0	92.9	55.3	29.0
77,5°	469.2	448.0	332.2	232.5	169.1	134.2	115.0	104.4	88.4	69.6	48.2	32.0	23.4
80,0°	279.9	234.8	188.4	184.6	145.7	96.6	85.6	87.0	60.7	46.1	34.6	24.7	19.4
82,5°	117.8	106.9	120.4	123.5	100.0	74.5	74.5	62.4	33.5	23.8	21.1	20.3	17.2
85,0°	52.7	58.8	72.4	91.3	83.5	60.2	54.4	41.0	23.7	17.9	15.6	15.2	15.1
87,5°	23.3	30.8	45.8	57.4	45.7	36.0	30.4	23.7	17.9	15.2	14.4	14.2	14.0
90,0°	16.5	21.6	31.6	35.4	24.5	19.0	18.7	15.9	14.5	14.1	13.8	13.7	13.5
92,5°	13.4	14.8	18.0	16.5	15.7	14.4	14.1	13.8	13.7	13.5	13.5	13.5	13.4
95,0°	12.6	13.0	13.3	13.6	13.5	13.5	13.5	13.4	13.3	13.3	13.2	13.1	13.0
97,5°	12.5	12.9	13.0	13.3	13.5	13.5	13.5	13.3	13.3	13.3	13.2	13.1	13.0
100,0°	12.4	12.9	13.0	13.3	13.3	13.5	13.5	13.3	13.3	13.3	13.3	13.1	13.0
102,5°	12.4	12.8	13.0	13.2	13.3	13.4	13.4	13.3	13.3	13.2	13.2	13.0	13.0
105,0°	12.4	12.7	13.0	13.1	13.1	13.2	13.2	13.2	13.1	13.2	13.0	13.0	13.0
107,5°	12.2	12.5	12.8	13.0	13.1	13.1	13.0	13.0	13.0	13.0	13.0	13.0	13.0
110,0°	12.0	12.4	12.6	12.8	12.8	12.9	12.8	12.9	12.9	12.9	12.7	12.7	12.7
112,5°	11.9	12.2	12.5	12.6	12.6	12.8	12.8	12.6	12.6	12.6	12.6	12.6	12.6

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

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°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
2,5°	7.8	7.9	7.9	8.1	8.1	8.1	6.8	6.8	6.7	6.7	6.7	6.9	7.1
5,0°	11.5	11.3	11.2	11.0	10.7	10.6	9.9	10.0	9.7	9.0	8.3	7.9	7.6
7,5°	47.4	44.9	43.3	41.9	41.1	40.9	23.3	19.2	15.6	12.4	10.1	8.5	7.6
10,0°	152.1	153.9	155.0	157.1	158.2	158.9	103.1	91.6	78.7	64.8	50.4	36.5	25.9
12,5°	278.3	286.7	294.9	299.5	302.2	301.3	128.3	115.6	105.7	94.0	87.6	83.9	77.8
15,0°	361.3	362.0	352.3	342.3	332.5	327.7	185.4	166.3	163.0	149.7	135.1	120.2	101.7
17,5°	367.7	362.4	356.5	351.5	347.7	346.2	217.7	191.3	173.4	152.2	133.8	118.7	102.1
20,0°	373.2	372.0	363.7	355.4	354.7	356.1	248.8	225.6	203.9	181.9	151.4	129.9	108.6
22,5°	371.3	367.0	354.7	349.5	351.6	353.1	281.1	247.5	220.5	191.2	151.7	124.0	105.2
25,0°	353.9	349.5	339.0	335.3	338.6	341.1	292.2	266.0	230.3	195.6	158.6	125.5	104.1
27,5°	333.3	324.1	315.6	314.4	319.0	321.2	286.3	263.9	233.6	190.8	156.8	124.8	92.7
30,0°	307.7	295.9	289.6	290.8	295.9	297.3	313.1	282.2	240.3	188.7	153.2	116.9	77.3
32,5°	285.0	275.5	272.2	273.5	277.2	278.1	313.7	297.9	245.8	191.7	150.6	100.1	70.3
35,0°	259.4	254.7	255.2	257.8	259.9	260.1	306.1	281.1	230.5	183.9	140.9	92.6	69.8
37,5°	239.3	236.8	236.0	235.1	235.2	233.9	339.4	310.1	248.2	197.6	138.4	91.7	62.5
40,0°	217.4	215.5	211.6	208.5	206.5	205.9	342.8	306.9	245.9	189.7	128.4	86.8	53.2
42,5°	195.0	190.1	183.5	176.5	168.9	165.7	350.6	299.8	226.1	161.8	111.5	72.8	51.9
45,0°	181.5	169.1	156.6	145.7	136.2	131.7	371.0	313.3	230.2	143.3	92.8	61.0	54.6
47,5°	156.5	143.1	129.8	116.4	107.2	103.8	368.2	292.5	205.8	119.9	75.3	56.0	51.9
50,0°	140.7	124.3	108.7	94.7	85.1	81.6	367.1	275.7	178.1	101.9	62.9	53.2	50.0
52,5°	125.8	104.6	90.4	76.9	68.5	64.9	351.5	253.3	155.7	86.0	57.9	51.2	48.8
55,0°	107.9	88.1	75.2	61.0	54.4	52.6	362.3	250.7	145.3	79.6	56.9	49.7	47.6
57,5°	93.9	78.1	63.9	48.8	44.8	44.4	377.9	255.1	144.6	81.1	58.0	50.9	50.8
60,0°	90.8	64.7	49.4	40.1	38.6	38.5	387.6	245.6	138.3	79.9	58.2	53.3	53.0
62,5°	83.5	55.5	39.6	35.1	34.5	34.5	389.8	224.4	119.9	73.8	57.3	56.1	55.7
65,0°	60.3	43.0	32.9	31.0	30.9	30.8	412.3	224.0	109.6	69.7	59.8	60.1	59.8
67,5°	42.8	32.3	28.8	27.8	27.9	28.0	402.0	216.8	123.0	72.1	62.3	65.6	60.7
70,0°	34.2	27.7	25.7	25.3	25.5	25.6	417.3	207.0	133.3	81.0	69.7	68.5	61.7
72,5°	26.4	23.3	23.1	23.2	23.4	23.5	428.9	230.1	114.2	68.0	70.8	71.4	67.3
75,0°	21.3	21.0	21.2	21.2	21.1	21.2	448.1	242.7	92.2	64.1	67.5	66.1	60.6
77,5°	21.0	19.8	19.3	18.9	18.4	18.0	353.4	202.9	81.0	56.2	59.8	55.0	49.3
80,0°	18.6	18.1	17.4	16.8	16.3	16.1	257.2	196.9	114.0	54.7	53.3	45.8	35.2
82,5°	16.6	16.1	15.5	15.1	15.0	14.9	163.2	116.3	73.0	45.7	41.4	34.8	27.5
85,0°	15.0	14.8	14.4	14.2	14.1	14.1	61.4	61.1	49.9	40.2	30.8	26.4	23.5
87,5°	13.8	13.8	13.7	13.5	13.5	13.3	17.9	26.8	27.3	24.0	22.9	22.3	22.4
90,0°	13.5	13.4	13.3	13.2	13.0	12.8	14.8	15.1	16.7	17.3	18.4	18.3	18.4
92,5°	13.3	13.1	13.0	12.9	12.9	12.8	12.5	12.3	12.9	13.2	12.8	11.6	10.2
95,0°	13.0	13.0	13.0	12.9	12.8	12.8	12.2	11.7	11.1	10.6	10.1	9.4	8.8
97,5°	13.0	13.0	13.0	13.0	13.0	13.0	12.1	11.7	11.1	10.4	9.9	9.4	8.7
100,0°	13.1	13.0	13.0	13.1	13.0	13.1	12.0	11.7	11.1	10.5	9.9	9.4	8.8
102,5°	13.1	13.0	13.0	13.1	13.1	13.1	12.0	11.6	11.1	10.5	10.0	9.4	8.8
105,0°	13.0	13.0	13.0	13.0	13.0	13.0	12.0	11.6	11.1	10.4	9.9	9.4	8.8
107,5°	13.0	13.0	12.9	12.9	12.8	12.8	11.9	11.3	10.9	10.4	9.8	9.3	8.7
110,0°	12.8	12.8	12.8	12.8	12.8	12.8	11.7	11.3	10.8	10.3	9.8	9.2	8.7
112,5°	12.6	12.6	12.5	12.5	12.4	12.4	11.5	11.2	10.7	10.3	9.8	9.1	8.7

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

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°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	0.0	0.0
2,5°	7.1	7.2	7.6	8.0	8.3	8.2	7.7	7.5	7.5	7.4	7.3	0.1	0.1
5,0°	7.4	7.4	7.1	6.7	6.2	6.1	6.0	5.8	5.7	5.6	5.4	0.2	0.3
7,5°	6.8	6.4	6.2	6.0	6.1	6.1	6.0	5.9	5.8	5.8	5.8	1.0	1.3
10,0°	17.8	13.1	10.4	9.0	8.0	7.1	6.6	6.4	6.1	5.9	5.8	4.2	5.5
12,5°	68.7	55.8	43.0	30.1	20.0	14.1	10.5	8.3	7.2	6.6	6.4	8.4	13.9
15,0°	87.3	77.4	73.0	66.8	57.1	45.5	35.5	28.2	23.3	19.9	18.9	13.7	27.6
17,5°	88.8	77.7	70.9	64.8	60.2	55.5	50.2	47.2	52.0	54.9	54.6	18.3	46.0
20,0°	92.9	80.5	72.9	66.6	62.0	61.8	55.9	48.5	57.0	64.6	65.4	22.3	68.2
22,5°	89.4	72.0	61.6	56.7	57.0	59.4	55.3	44.7	50.9	56.2	56.8	25.2	93.4
25,0°	80.1	58.2	51.7	50.9	52.5	54.1	50.6	40.9	44.3	48.8	49.5	27.2	120.6
27,5°	67.3	51.9	48.0	47.6	48.7	49.7	47.0	37.7	39.7	43.4	44.1	28.9	149.6
30,0°	60.1	49.7	45.8	45.3	45.9	45.9	43.3	35.6	36.6	39.0	39.8	30.7	180.3
32,5°	57.5	46.8	43.9	43.8	43.8	43.0	40.4	34.0	33.7	35.6	36.1	31.7	212.0
35,0°	50.4	43.4	42.8	42.2	41.5	40.6	38.1	32.7	31.5	32.8	33.3	32.9	244.9
37,5°	46.5	43.7	41.5	40.8	40.1	38.5	35.6	30.6	29.2	30.2	30.4	34.9	279.8
40,0°	46.0	44.9	43.4	41.2	38.7	36.8	33.7	28.8	26.8	27.3	27.4	35.4	315.3
42,5°	47.0	45.1	43.7	41.4	39.2	36.2	31.9	27.2	24.7	25.1	25.1	36.1	351.4
45,0°	50.5	47.0	45.2	42.5	39.4	35.7	31.7	26.9	23.7	23.3	23.3	36.8	388.2
47,5°	50.4	50.9	50.2	46.3	41.2	36.2	31.1	26.9	23.8	22.4	21.8	36.1	424.3
50,0°	49.3	49.8	49.8	47.1	41.7	35.7	30.3	26.4	24.2	24.8	25.7	36.6	460.9
52,5°	48.7	48.6	47.7	43.6	38.2	33.5	29.2	26.5	26.0	25.8	25.8	36.7	497.6
55,0°	47.1	46.9	45.6	41.6	37.7	33.2	27.2	24.2	22.3	20.7	20.4	37.6	535.2
57,5°	49.1	47.7	47.0	42.1	35.8	29.6	24.4	21.0	19.3	18.2	18.2	39.5	574.7
60,0°	50.1	44.7	41.3	36.6	31.4	26.9	22.7	19.6	17.8	16.9	16.9	42.2	616.9
62,5°	52.3	44.0	38.6	34.3	29.6	25.3	21.5	18.6	16.9	16.0	16.0	43.1	660.0
65,0°	54.1	43.3	35.7	31.5	27.4	23.6	20.0	17.4	15.8	15.0	15.0	44.2	704.3
67,5°	53.8	42.7	33.1	28.5	24.8	21.7	18.6	16.2	14.7	13.8	13.6	45.6	749.9
70,0°	56.0	43.2	30.6	25.6	22.4	19.8	17.2	15.0	13.6	12.8	12.4	46.9	796.8
72,5°	58.5	45.2	28.8	23.1	20.3	17.9	15.7	13.8	12.5	11.5	11.1	42.3	839.1
75,0°	53.7	41.2	26.4	21.3	18.5	16.1	14.0	12.5	11.1	10.2	9.9	33.9	873.0
77,5°	37.7	28.4	22.9	19.4	16.8	14.7	12.8	11.4	10.1	9.1	8.8	25.4	898.4
80,0°	26.3	23.4	20.4	17.6	15.3	13.4	11.8	10.5	9.2	8.3	8.0	18.8	917.2
82,5°	23.3	22.2	18.1	15.6	13.7	12.3	11.1	9.5	8.3	7.5	7.4	12.3	929.5
85,0°	23.4	21.3	15.7	13.3	12.0	10.8	9.7	8.4	7.5	6.9	6.7	8.4	937.9
87,5°	23.7	18.6	13.5	11.2	10.1	9.1	8.1	7.3	6.7	6.2	6.1	5.5	943.4
90,0°	18.6	13.7	10.6	9.1	8.0	7.1	6.7	6.1	5.7	5.3	5.1	4.1	947.5
92,5°	9.0	8.0	7.3	6.6	5.9	5.5	5.1	4.7	4.4	4.3	4.1	3.1	950.6
95,0°	8.2	7.6	6.9	6.4	6.0	5.5	5.1	4.8	4.5	4.3	4.1	2.9	953.5
97,5°	8.1	7.6	6.9	6.4	5.9	5.5	5.1	4.8	4.5	4.3	4.1	2.8	956.3
100,0°	8.2	7.6	6.9	6.4	6.0	5.5	5.1	4.8	4.5	4.3	4.1	2.8	959.1
102,5°	8.2	7.6	7.1	6.5	6.0	5.6	5.2	4.8	4.5	4.4	4.1	2.8	962.0
105,0°	8.2	7.6	7.0	6.4	6.0	5.6	5.2	4.8	4.5	4.3	4.1	2.8	964.7
107,5°	8.1	7.6	7.1	6.5	6.0	5.6	5.1	4.8	4.6	4.5	4.2	2.7	967.4
110,0°	8.1	7.5	7.0	6.5	6.0	5.6	5.3	4.9	4.6	4.5	4.2	2.6	970.1
112,5°	8.1	7.5	7.1	6.4	6.0	5.6	5.3	5.0	4.7	4.6	4.4	2.6	972.6

## Lichttechnischer Prüfbefund

<b>Familie</b> DL 11 iQ	<b>Bestell-Nr.: 5XA5565LF14H000022</b> <b>EAN: 4058352956120</b>	<b>LP-Nummer</b> 59428_44
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°
$\gamma$	Lichtstärke in cd/klm												
115,0°	11.9	12.0	12.3	12.4	12.5	12.6	12.5	12.6	12.5	12.6	12.6	12.5	12.4
117,5°	11.6	11.9	12.0	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
120,0°	11.4	11.6	11.9	11.9	12.0	12.1	12.1	12.0	12.0	12.0	12.0	11.9	11.9
122,5°	11.1	11.3	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.7	11.7	11.7
125,0°	10.8	10.9	11.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
127,5°	10.4	10.6	10.8	10.9	10.9	10.9	10.9	10.9	10.9	11.0	11.0	10.9	10.9
130,0°	9.9	10.1	10.3	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
132,5°	9.5	9.6	9.8	9.9	10.0	10.1	10.2	10.3	10.2	10.3	10.3	10.3	10.3
135,0°	8.9	9.1	9.4	9.5	9.6	9.7	9.8	9.8	9.8	9.9	9.8	9.9	9.9
137,5°	8.5	8.7	8.9	9.0	9.1	9.3	9.3	9.4	9.4	9.5	9.5	9.5	9.6
140,0°	8.0	8.2	8.4	8.5	8.7	8.7	8.8	9.0	9.1	9.1	9.1	9.1	9.1
142,5°	7.7	7.8	8.1	8.1	8.4	8.4	8.4	8.5	8.6	8.7	8.7	8.7	8.7
145,0°	7.2	7.4	7.6	7.7	7.8	7.9	8.1	8.1	8.1	8.4	8.4	8.4	8.4
147,5°	6.7	6.9	7.1	7.2	7.4	7.4	7.5	7.7	7.7	7.7	7.7	7.8	7.9
150,0°	5.9	6.1	6.3	6.4	6.6	6.7	6.7	6.9	7.1	7.1	7.1	7.1	7.1
152,5°	5.0	5.2	5.4	5.4	5.6	5.7	5.8	5.9	6.1	6.1	6.1	6.1	6.1
155,0°	3.9	3.9	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.8	4.9
157,5°	2.7	2.9	2.9	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.5	3.5	3.6
160,0°	2.0	2.0	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4
162,5°	1.7	1.7	1.7	1.7	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0
165,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9	2.0	1.8	1.9	2.0
167,5°	1.4	1.4	1.5	1.5	1.6	1.7	1.7	1.7	1.9	1.8	1.8	1.8	1.9
170,0°	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.5	1.5	1.4	1.4
172,5°	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
175,0°	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
177,5°	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
180,0°	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

<b>Familie</b> DL 11 iQ	<b>Bestell-Nr.: 5XA5565LF14H000022</b> <b>EAN: 4058352956120</b>	<b>LP-Nummer</b> 59428_44
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°
$\gamma$	Lichtstärke in cd/klm												
115,0°	12.5	12.5	12.4	12.4	12.4	12.4	11.5	11.1	10.6	10.2	9.7	9.1	8.7
117,5°	12.3	12.2	12.1	12.1	12.1	12.1	11.3	10.9	10.5	10.1	9.7	9.1	8.6
120,0°	12.1	12.0	12.0	12.0	12.1	12.1	11.1	10.8	10.4	9.9	9.5	9.1	8.5
122,5°	11.7	11.8	11.7	11.8	11.8	11.8	10.8	10.4	10.1	9.8	9.4	8.9	8.4
125,0°	11.3	11.3	11.3	11.4	11.4	11.4	10.5	10.2	9.8	9.5	9.2	8.7	8.2
127,5°	11.0	11.0	11.0	11.1	11.0	11.1	10.1	9.9	9.5	9.2	8.9	8.5	8.1
130,0°	10.7	10.7	10.6	10.7	10.7	10.7	9.7	9.5	9.2	8.8	8.5	8.2	7.8
132,5°	10.3	10.3	10.2	10.3	10.3	10.3	9.2	8.9	8.7	8.4	8.2	7.8	7.4
135,0°	10.0	10.0	9.9	9.8	9.9	9.8	8.7	8.5	8.2	8.0	7.7	7.4	7.0
137,5°	9.6	9.6	9.5	9.5	9.5	9.4	8.2	8.0	7.8	7.5	7.3	7.0	6.8
140,0°	9.2	9.2	9.1	9.1	9.1	9.1	7.8	7.6	7.4	7.1	7.0	6.7	6.4
142,5°	8.7	8.7	8.7	8.7	8.7	8.7	7.5	7.2	7.0	6.8	6.6	6.4	6.1
145,0°	8.5	8.4	8.4	8.4	8.4	8.4	7.1	6.8	6.6	6.4	6.1	6.0	5.8
147,5°	8.1	8.1	8.1	8.1	8.1	8.1	6.5	6.4	6.1	5.9	5.7	5.6	5.4
150,0°	7.3	7.4	7.4	7.4	7.4	7.4	5.7	5.7	5.4	5.2	5.0	4.9	4.7
152,5°	6.4	6.3	6.4	6.4	6.4	6.4	4.8	4.7	4.5	4.3	4.2	4.1	3.9
155,0°	5.0	5.0	5.0	5.0	5.0	5.0	3.7	3.6	3.5	3.2	3.1	3.1	2.9
157,5°	3.7	3.7	3.7	3.7	3.7	3.7	2.7	2.6	2.5	2.4	2.4	2.4	2.2
160,0°	2.4	2.4	2.4	2.4	2.4	2.4	2.0	2.0	1.9	1.8	1.9	1.8	1.7
162,5°	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
165,0°	1.9	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.6	1.5	1.6	1.4	1.3
167,5°	1.9	1.8	1.7	1.7	1.7	1.7	1.4	1.4	1.4	1.3	1.4	1.4	1.3
170,0°	1.6	1.5	1.4	1.5	1.6	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3
172,5°	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
175,0°	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
177,5°	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
180,0°	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

<b>Familie</b> DL 11 iQ	<b>Bestell-Nr.: 5XA5565LF14H000022</b> <b>EAN: 4058352956120</b>	<b>LP-Nummer</b> 59428_44
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<b>Wertetabelle Lichtstärkemessung</b>	<b>Maximale Lichtstärke</b>	<b>siteco</b>
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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
$\gamma$	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
115,0°	8.1	7.6	7.1	6.5	6.0	5.6	5.3	5.0	4.8	4.6	4.4	2.5	975.1
117,5°	8.1	7.5	7.0	6.5	6.1	5.6	5.3	5.0	4.8	4.7	4.5	2.4	977.6
120,0°	7.9	7.5	7.0	6.5	6.1	5.7	5.4	5.1	4.8	4.7	4.5	2.3	979.9
122,5°	7.9	7.3	6.8	6.5	6.1	5.7	5.4	5.1	4.8	4.7	4.5	2.2	982.1
125,0°	7.8	7.3	6.8	6.4	6.1	5.7	5.4	5.1	4.9	4.8	4.6	2.1	984.2
127,5°	7.6	7.2	6.8	6.4	6.0	5.7	5.4	5.1	4.9	4.8	4.7	2.0	986.2
130,0°	7.5	7.1	6.7	6.3	5.9	5.6	5.4	5.1	4.9	4.8	4.7	1.9	988.0
132,5°	7.1	6.7	6.3	6.0	5.8	5.5	5.1	4.9	4.7	4.7	4.6	1.7	989.8
135,0°	6.7	6.4	6.0	5.7	5.5	5.3	5.0	4.8	4.7	4.5	4.4	1.6	991.3
137,5°	6.5	6.1	5.8	5.6	5.3	5.1	4.9	4.7	4.6	4.5	4.4	1.4	992.8
140,0°	6.1	5.9	5.6	5.4	5.1	5.0	4.8	4.6	4.4	4.4	4.4	1.3	994.1
142,5°	6.0	5.7	5.5	5.2	5.0	4.8	4.7	4.5	4.4	4.3	4.4	1.2	995.3
145,0°	5.7	5.4	5.2	5.0	5.0	4.7	4.6	4.4	4.3	4.2	4.3	1.1	996.3
147,5°	5.3	5.1	4.8	4.7	4.5	4.3	4.2	4.1	4.0	4.0	4.0	0.9	997.3
150,0°	4.5	4.4	4.2	4.0	3.9	3.7	3.6	3.4	3.4	3.4	3.4	0.8	998.1
152,5°	3.7	3.6	3.5	3.2	3.1	3.0	3.0	2.8	2.7	2.7	2.7	0.6	998.7
155,0°	2.9	2.7	2.6	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.2	0.4	999.1
157,5°	2.2	2.1	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	0.3	999.4
160,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.2	999.6
162,5°	1.7	1.6	1.6	1.4	1.4	1.3	1.4	1.4	1.5	1.5	1.5	0.1	999.7
165,0°	1.4	1.5	1.4	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.5	0.1	999.8
167,5°	1.3	1.3	1.3	1.4	1.5	1.4	1.4	1.4	1.3	1.3	1.3	0.1	999.9
170,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.1	1000.0
172,5°	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
175,0°	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
177,5°	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
180,0°	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

<b>Familie</b> DL 11 iQ	<b>Bestell-Nr.: 5XA5565LF14H000022</b> <b>EAN: 4058352956120</b>	<b>LP-Nummer</b> <b>59428_44</b>
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<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 25°C	<b>siteco</b>
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	1530	10.0	10.4	10.2
95	241	252	1452	9.5	9.9	9.7
90	229	250	1379	9.0	9.3	9.2
85	216	248	1301	8.5	8.8	8.6
80	203	246	1223	8.0	8.3	8.2
75	190	243	1144	7.6	7.7	7.6
70	178	241	1072	7.1	7.3	7.2
65	165	238	994	6.6	6.8	6.7
60	152	235	916	6.1	6.4	6.2
55	140	232	843	5.7	5.9	5.8
50	127	229	765	5.3	5.5	5.4
45	114	225	687	4.8	5.0	4.9
40	102	221	614	4.4	4.6	4.5
35	89	216	536	4.0	4.1	4.0
30	76	210	458	3.6	3.7	3.6
30	75	209	452	3.5	3.7	3.6