

## Lichttechnischer Prüfbefund

**Familie**  
**DL® 50 mini LED**

**Bestell-Nr.: 5XA248B31F08NE**  
**EAN: 4058352789964**

**LP-Nummer**  
**59074\_152**



**Ausführung** Mastansatz- / Mastaufsatzmontage  
**Optik** asymmetrisch, breit strahlend (ST0.5a G)  
**Abdeckung** Einscheibensicherheitsglas (ESG)  
**Bestückung** LED 3000 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO iQ  
**Bemessungswerte** Nettolichtstrom = 19270 lm  
 Systemleistung = 121.8 W  
 Lichtausbeute = 158.2 lm/W

**Seriendokumentation**  
03.04.2023

siteco

**Lichtstärke in cd/klm**

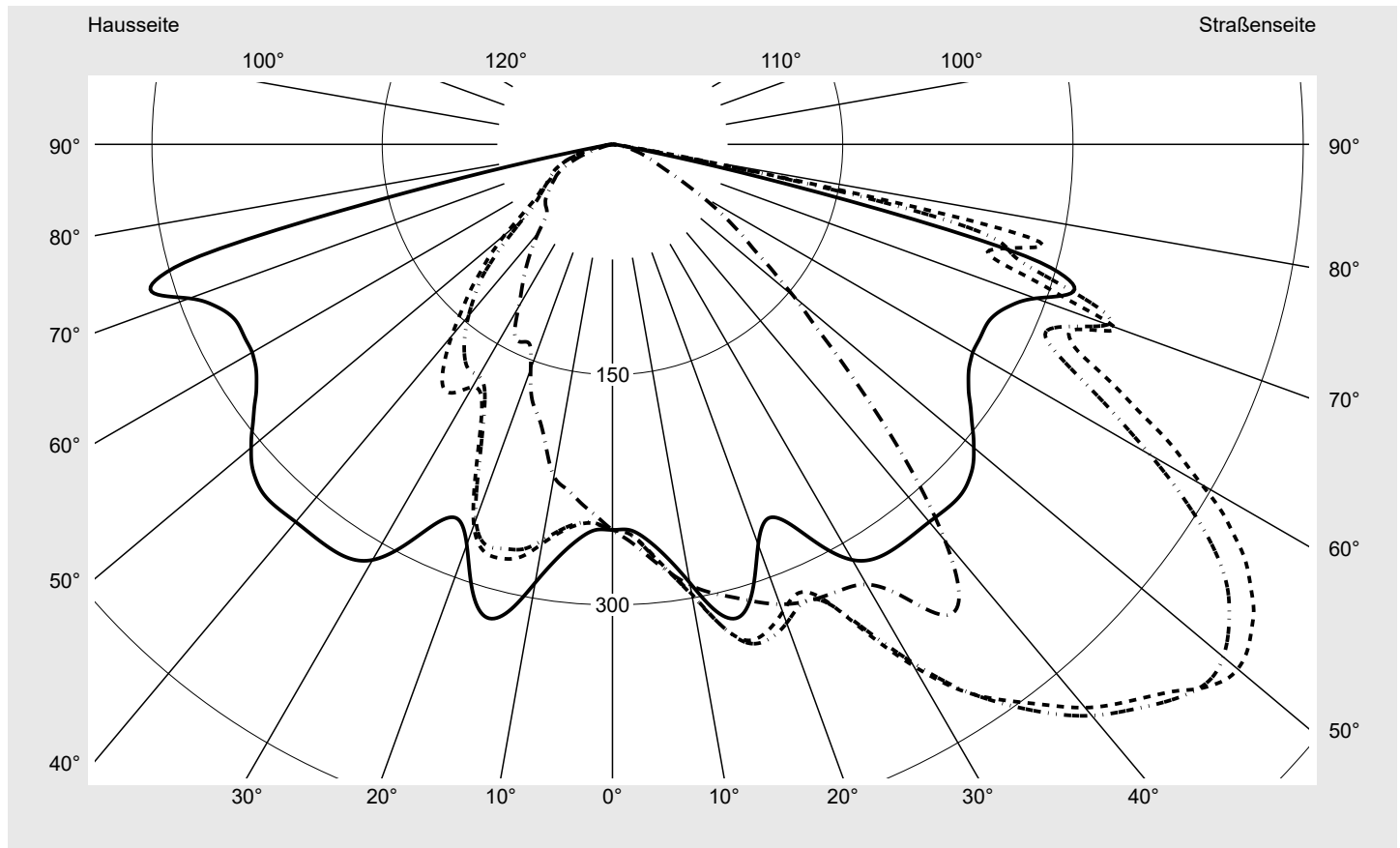
**C180-0**

**C210-30**

**C212,5-32,5**

**C270-90**

**Imax: 532 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G4
Imax 70°	466.0
Imax 80°	84.5
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

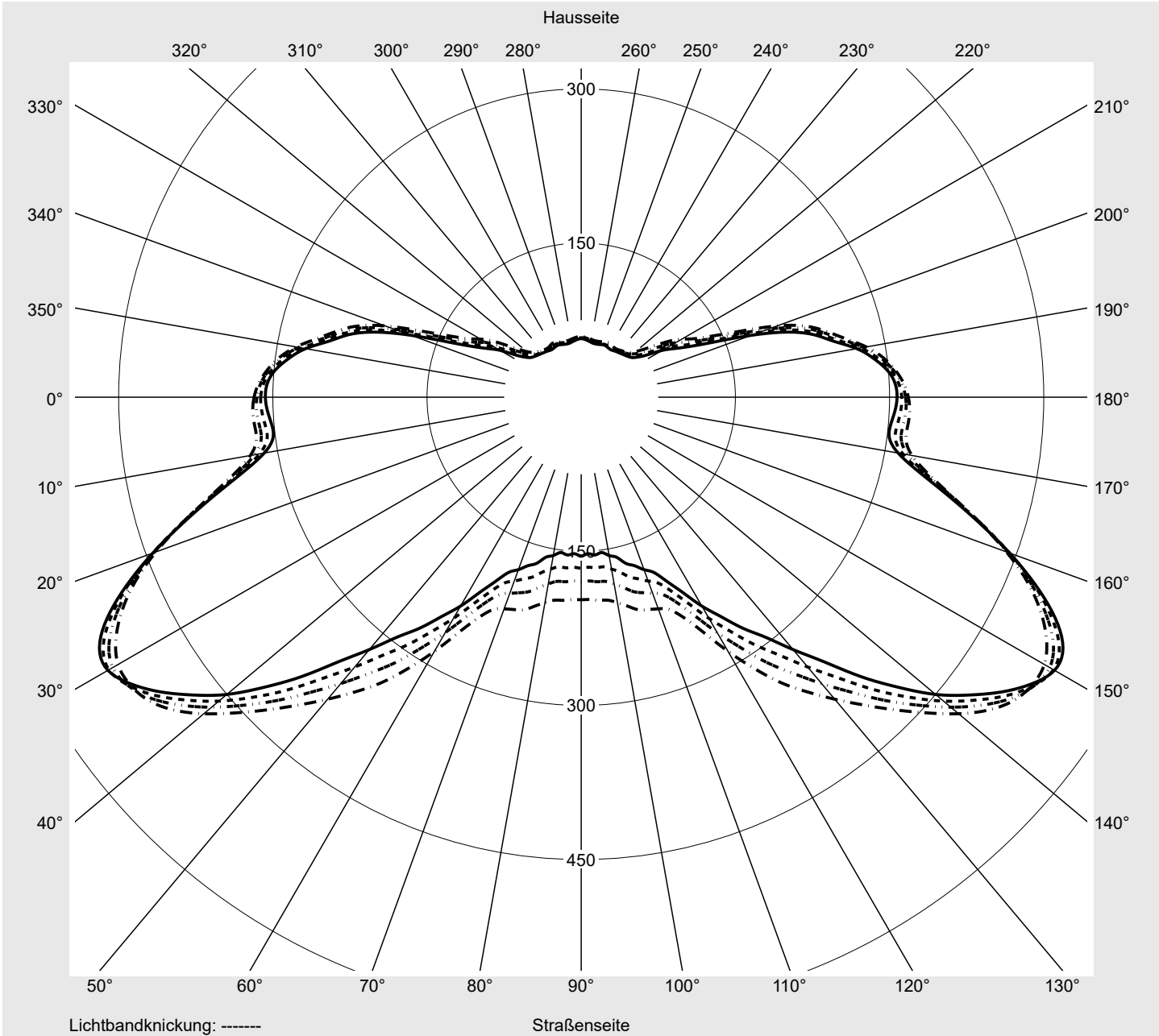
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

<b>Familie</b> DL® 50 mini LED	<b>Bestell-Nr.:</b> 5XA248B31F08NE <b>EAN:</b> 4058352789964	<b>LP-Nummer</b> 59074_152
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**Kegelmantelkurven in cd/klm**    **KMK 50°**    **KMK 49°**    **KMK 48°**    **KMK 47°**    **siteco**



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<b>Familie</b> <b>DL® 50 mini LED</b>	<b>Bestell-Nr.: 5XA248B31F08NE</b> <b>EAN: 4058352789964</b>	<b>LP-Nummer</b> <b>59074_152</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Lichtstärke in cd/klm														
0,0°	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2
2,5°	251.4	251.6	251.8	252.0	252.2	252.5	252.7	252.9	253.1	253.4	253.5	253.8	254.0	254.1	254.3
5,0°	258.5	259.1	259.9	260.7	261.4	261.9	262.2	262.4	262.9	263.3	263.8	264.5	265.1	265.8	266.0
7,5°	271.3	272.4	273.6	274.3	275.1	275.2	275.8	276.2	277.2	277.8	278.9	279.5	280.4	280.6	281.2
10,0°	290.0	291.7	292.5	293.3	293.3	293.7	293.8	294.8	295.2	296.2	296.6	297.4	297.4	298.3	298.3
12,5°	311.3	313.3	313.5	314.3	313.7	314.5	314.5	316.0	316.4	317.8	318.0	319.1	319.2	319.3	319.7
15,0°	318.8	319.0	318.7	318.1	317.6	318.1	319.4	321.2	323.3	325.6	328.2	331.2	334.4	335.9	338.6
17,5°	304.0	303.9	303.0	302.2	302.2	303.6	305.8	308.9	312.5	317.0	321.9	327.5	333.1	338.1	342.9
20,0°	277.5	279.5	278.2	279.7	280.3	283.9	286.4	291.6	295.9	303.0	309.1	317.6	324.2	331.8	337.5
22,5°	264.0	267.6	270.2	273.0	276.7	280.1	284.1	288.4	294.0	299.7	305.5	311.0	316.4	323.3	328.1
25,0°	272.6	278.4	284.8	289.0	294.6	297.4	303.0	307.0	314.1	318.1	323.3	324.9	327.7	329.1	329.6
27,5°	295.0	303.0	310.2	315.7	320.4	324.5	330.3	337.3	345.3	352.0	357.0	359.1	358.7	356.0	352.1
30,0°	312.6	321.6	329.3	334.8	339.7	345.3	353.5	363.4	374.5	384.0	390.8	393.4	392.3	389.1	384.2
32,5°	319.6	328.7	336.2	341.5	346.5	353.7	364.6	378.0	392.2	404.9	414.2	419.5	421.4	420.1	417.0
35,0°	321.1	329.9	336.8	341.5	346.4	355.1	368.4	384.8	401.8	417.0	428.5	436.4	441.7	445.0	445.9
37,5°	321.0	329.2	335.1	339.0	344.3	354.7	370.4	388.9	408.1	425.7	439.8	450.7	459.9	467.0	470.9
40,0°	321.1	328.1	332.6	335.4	341.2	353.8	371.8	392.6	413.9	433.7	451.2	466.8	479.0	485.8	489.2
42,5°	322.0	327.4	330.2	331.7	338.2	353.2	373.9	397.4	421.9	445.7	466.4	482.2	493.0	499.6	503.4
45,0°	321.7	325.2	325.9	326.2	333.4	350.6	374.7	402.9	432.6	459.9	481.2	496.2	506.0	512.5	514.5
46,0°	320.4	323.0	322.9	323.1	330.8	348.8	374.6	404.9	436.7	465.0	486.8	502.2	512.4	517.0	515.5
47,0°	318.3	319.8	318.9	318.7	326.8	346.0	374.0	406.7	440.3	469.9	493.1	510.3	520.3	520.6	514.2
48,0°	315.5	316.1	314.3	314.0	322.6	343.2	373.1	407.5	442.4	473.6	498.8	517.8	526.3	522.6	510.9
49,0°	311.8	311.1	308.7	308.2	317.7	339.8	371.5	407.1	443.4	476.8	504.5	524.3	530.6	522.1	506.0
50,0°	307.3	305.5	302.3	302.4	313.1	336.8	369.4	405.8	443.5	478.7	508.9	528.4	531.7	519.4	500.0
51,0°	302.6	299.8	296.4	297.2	309.2	334.1	367.1	403.9	442.8	480.1	511.8	530.6	530.3	515.2	493.5
52,0°	297.4	293.5	290.1	292.2	305.7	331.6	365.0	402.3	442.5	481.8	514.3	530.3	526.6	509.6	486.2
53,0°	292.7	288.2	284.9	288.3	303.2	330.1	363.8	401.8	443.4	483.8	515.5	527.9	521.7	503.1	477.1
54,0°	288.2	283.2	280.2	285.0	301.4	329.2	363.5	402.6	445.7	486.4	515.8	524.7	516.4	495.7	465.9
55,0°	283.4	278.2	275.8	282.2	300.2	329.3	364.6	405.4	449.7	489.9	514.5	518.9	508.3	485.8	451.7
56,0°	279.7	274.5	272.9	280.7	300.1	330.3	366.8	409.4	454.6	493.0	512.5	512.6	499.7	473.3	435.0
57,0°	276.5	271.6	271.0	280.2	300.9	332.6	370.0	415.0	460.3	495.6	510.2	504.8	489.8	458.4	417.8
58,0°	274.0	269.6	269.9	280.6	302.6	335.7	375.0	421.7	467.1	497.5	505.6	496.5	476.1	441.5	399.8
59,0°	272.3	268.4	269.7	281.8	305.1	339.6	380.6	429.2	473.6	498.4	500.6	486.7	462.3	423.6	381.6
60,0°	271.0	267.7	270.0	283.5	308.5	345.4	389.0	439.3	480.2	497.4	492.4	473.1	443.3	404.4	363.7
61,0°	270.6	267.5	270.6	285.5	312.1	351.4	397.6	448.8	485.1	494.7	483.7	459.2	425.6	385.0	346.3
62,0°	270.6	267.6	271.4	287.9	316.3	358.2	407.0	458.0	489.0	491.0	474.6	445.2	408.3	366.8	330.9
63,0°	270.5	267.9	273.2	291.1	321.6	366.4	418.0	467.2	490.5	484.2	462.0	427.4	386.7	348.6	316.4
64,0°	270.4	268.7	275.7	295.6	327.7	374.6	428.6	473.9	489.8	477.0	449.7	410.9	368.6	331.5	304.6
65,0°	271.0	270.8	279.3	302.0	335.3	384.9	439.6	479.8	487.1	467.0	436.2	391.2	350.1	317.6	297.1
66,0°	272.9	273.8	284.7	309.3	344.5	395.6	449.6	482.9	481.7	457.1	420.5	374.1	332.4	308.9	295.5
67,0°	275.8	277.6	290.5	317.8	353.5	405.6	457.2	482.8	475.7	446.4	406.8	361.1	323.7	308.7	303.1
68,0°	280.0	283.6	299.2	329.0	364.2	415.9	463.1	478.8	466.2	433.5	393.9	353.0	322.9	317.1	320.0
69,0°	285.2	290.3	309.4	341.5	376.0	425.6	465.8	471.9	453.2	418.4	384.3	356.2	337.9	331.0	338.2
70,0°	293.3	300.8	322.8	358.3	390.0	435.5	466.0	461.7	438.8	394.0	359.3	335.9	348.2	343.3	350.0
71,0°	304.7	313.5	340.2	376.2	407.0	443.9	462.4	451.1	422.5	374.2	327.5	302.7	319.0	340.6	352.8
72,0°	314.0	325.0	356.5	392.8	420.5	448.6	456.5	440.5	406.8	354.4	302.6	275.3	291.8	320.9	339.0

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

C- Ebenen	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Lichtstärke in cd/klm														
0,0°	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2
2,5°	254.5	255.2	255.3	255.7	256.0	256.3	256.5	256.6	256.8	257.1	257.2	257.4	257.6	257.9	258.1
5,0°	266.8	266.8	267.7	267.7	268.1	268.3	268.3	269.0	268.7	269.2	269.1	269.1	269.6	269.3	269.8
7,5°	281.5	281.9	282.2	282.3	282.5	282.3	282.6	282.4	282.6	282.3	282.3	282.2	282.1	282.1	281.8
10,0°	299.0	299.0	299.4	299.2	299.3	299.1	298.9	298.6	297.9	297.4	296.6	296.2	295.4	295.0	294.2
12,5°	320.1	320.4	320.2	320.1	319.1	318.7	316.9	316.2	313.9	313.0	310.8	309.6	307.6	306.3	304.8
15,0°	340.5	342.3	342.5	342.7	341.0	339.6	336.2	333.6	329.9	327.1	324.0	321.5	318.9	316.6	314.3
17,5°	347.6	351.7	355.2	357.7	358.7	358.2	355.7	352.1	347.1	341.9	336.9	332.7	329.1	326.0	323.3
20,0°	344.0	349.0	354.3	358.3	362.0	364.4	365.8	365.4	362.8	358.1	352.0	345.7	340.3	336.0	332.6
22,5°	333.1	337.7	342.8	347.5	352.4	356.8	361.0	364.1	366.0	365.5	362.5	356.9	350.4	344.3	339.5
25,0°	329.4	330.1	331.6	334.3	338.1	342.8	348.1	353.2	358.0	362.0	364.1	363.2	359.0	352.4	345.9
27,5°	347.1	342.4	337.9	334.9	333.7	335.2	339.0	344.3	350.0	355.4	359.9	362.5	362.1	357.5	350.6
30,0°	377.6	370.2	362.4	355.6	350.3	346.8	345.3	346.0	348.8	352.7	356.7	360.3	362.3	360.7	355.3
32,5°	412.1	406.0	399.9	393.2	385.5	376.4	368.0	361.2	357.4	356.7	358.4	361.6	365.2	367.2	365.5
35,0°	445.2	443.0	439.0	431.9	422.2	410.4	397.9	385.7	375.9	369.9	368.9	371.8	377.7	383.7	387.2
37,5°	472.4	471.4	467.7	461.4	453.1	442.5	429.5	414.4	399.0	386.7	380.4	380.7	385.1	390.8	393.5
40,0°	490.9	490.6	487.8	482.0	472.7	459.3	442.4	423.2	402.3	384.3	371.8	367.6	367.3	369.0	367.2
42,5°	504.6	501.5	492.9	479.9	462.7	443.9	422.9	403.6	384.1	366.5	349.1	336.5	326.0	321.7	315.5
45,0°	509.3	495.9	476.2	454.4	432.2	412.0	393.9	376.2	354.9	330.8	303.3	280.0	264.2	258.0	254.7
46,0°	506.0	488.6	465.7	442.2	419.6	399.4	380.0	359.9	335.5	308.8	279.8	256.5	242.0	236.8	234.7
47,0°	500.0	479.3	454.7	430.1	406.2	383.7	361.6	339.3	312.9	285.7	258.2	237.0	223.7	219.2	216.7
48,0°	492.2	469.3	443.6	417.2	389.6	363.9	338.8	315.4	289.2	264.4	240.1	220.7	208.0	203.1	199.5
49,0°	484.2	460.2	432.1	402.5	370.7	342.8	316.4	294.0	270.2	248.6	226.6	208.7	195.9	190.4	185.4
50,0°	476.1	450.1	417.7	384.5	349.1	320.7	294.4	274.7	253.3	234.8	214.4	198.1	184.6	178.7	171.9
51,0°	467.8	437.8	401.4	364.5	328.5	299.9	276.0	257.4	239.3	222.4	204.3	188.2	175.0	167.5	160.2
52,0°	457.4	423.0	383.1	344.8	309.6	282.2	260.0	243.2	227.2	212.1	195.3	179.8	166.7	158.1	149.7
53,0°	443.8	405.3	363.8	325.7	291.9	265.9	245.7	230.6	216.0	202.5	187.0	172.3	159.0	149.4	140.7
54,0°	428.1	387.1	345.8	309.3	277.5	253.4	234.8	220.4	207.1	195.0	180.9	166.7	153.5	143.0	133.9
55,0°	410.0	368.3	328.4	294.2	265.3	243.1	225.4	211.9	199.8	188.7	175.6	161.9	148.8	138.0	128.2
56,0°	391.1	349.9	312.1	281.0	255.2	234.3	217.6	204.9	193.5	182.9	170.4	157.5	145.2	134.1	122.3
57,0°	373.4	333.9	298.4	271.2	247.6	228.4	212.3	199.8	188.0	177.6	165.5	153.2	138.6	125.2	112.7
58,0°	356.4	319.3	287.3	263.4	241.9	224.0	207.9	195.1	182.2	171.2	157.6	144.2	126.7	114.4	101.8
59,0°	340.7	306.5	278.8	257.3	238.1	220.4	204.2	190.2	175.6	161.9	146.1	131.3	116.0	104.2	93.4
60,0°	325.9	296.1	272.2	253.2	235.7	217.9	200.6	184.6	166.5	150.4	134.5	120.6	106.1	94.9	84.6
61,0°	312.5	287.5	267.4	250.8	234.2	215.9	196.6	177.2	155.5	138.2	122.5	108.9	95.1	84.8	75.4
62,0°	302.1	281.5	265.0	250.0	233.6	214.3	191.9	168.6	144.8	126.9	111.2	98.0	84.9	75.4	67.0
63,0°	293.6	277.8	264.6	250.2	233.1	211.9	185.6	158.6	133.4	115.1	99.6	86.9	74.9	66.3	59.0
64,0°	287.9	276.4	265.7	251.2	232.0	207.6	177.0	147.1	120.7	102.2	86.8	75.0	64.4	57.1	51.1
65,0°	286.2	278.1	268.2	252.3	229.3	200.7	166.8	135.7	108.3	90.0	74.9	64.5	55.2	49.5	44.7
66,0°	290.2	283.6	272.4	252.8	224.6	191.8	155.1	123.5	95.1	77.8	63.3	54.9	46.9	43.1	38.8
67,0°	303.0	294.6	277.9	251.9	218.0	181.4	143.6	110.6	82.9	66.0	54.1	46.7	40.6	37.4	34.6
68,0°	323.3	310.3	284.7	249.4	208.9	169.9	131.3	98.3	71.0	56.0	46.4	40.5	35.8	33.6	31.4
69,0°	341.6	325.4	290.9	245.8	198.9	157.2	118.2	85.5	59.7	47.2	40.0	35.7	32.1	30.5	28.7
70,0°	351.0	334.0	294.4	242.7	190.7	145.5	105.0	74.1	51.0	40.4	35.4	32.6	29.9	28.5	27.0
71,0°	353.1	334.3	293.7	239.1	183.2	133.0	91.3	63.9	43.1	35.1	31.9	30.2	28.2	27.2	25.7
72,0°	340.8	321.4	280.1	228.4	172.1	118.6	79.0	54.3	37.2	30.9	29.1	27.8	26.6	25.8	24.2

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

C- Ebenen	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Lichtstärke in cd/klm														
0,0°	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2
2,5°	258.3	258.5	258.7	258.7	258.8	258.8	258.8	251.1	250.9	250.6	250.3	250.0	249.7	249.4	248.9
5,0°	269.8	269.6	270.1	269.6	269.8	270.0	269.5	258.0	257.4	256.9	256.1	255.3	254.3	253.5	252.5
7,5°	281.9	281.5	281.5	281.3	281.2	281.3	281.0	270.1	269.2	268.1	267.0	265.5	264.1	262.5	261.0
10,0°	293.6	292.9	292.4	292.1	291.8	291.7	291.5	288.5	286.7	285.2	283.2	281.4	278.9	276.7	274.1
12,5°	303.5	302.3	301.1	300.5	299.8	299.7	299.3	310.0	307.5	305.8	303.1	300.8	297.4	294.4	290.7
15,0°	312.2	310.3	308.6	307.3	306.3	305.8	305.5	318.1	317.0	315.8	314.3	312.5	309.9	306.7	302.7
17,5°	320.8	318.7	316.6	314.9	313.6	312.9	312.5	303.9	303.5	303.6	303.7	303.7	302.7	301.1	298.0
20,0°	329.5	326.9	324.3	322.1	320.3	319.2	318.7	277.4	274.6	275.3	273.9	276.0	274.8	276.0	271.7
22,5°	335.5	332.4	329.5	327.1	324.9	323.4	322.8	259.3	253.9	250.2	247.3	246.9	246.2	244.7	241.5
25,0°	340.5	336.3	332.8	329.9	327.4	325.7	325.0	263.5	254.7	246.2	239.8	235.5	230.5	225.4	223.6
27,5°	343.8	338.2	333.8	330.7	328.5	327.0	326.5	284.7	273.6	263.2	254.7	247.3	238.2	232.0	227.2
30,0°	348.2	341.9	337.0	334.0	332.2	331.4	331.0	301.9	290.7	280.5	272.3	262.9	254.7	248.5	238.0
32,5°	360.2	355.8	351.6	349.9	348.4	348.6	347.9	309.7	300.0	291.5	283.5	274.8	268.8	260.6	246.0
35,0°	385.1	381.9	377.7	375.5	374.1	374.5	374.1	312.0	303.8	297.0	288.8	281.7	275.4	263.4	249.1
37,5°	390.5	383.7	377.4	372.6	370.8	370.4	370.9	312.5	305.2	298.7	290.6	283.5	273.8	259.9	247.4
40,0°	362.2	352.4	345.4	339.0	337.3	335.9	337.1	313.2	306.3	298.9	290.6	281.8	268.4	254.3	243.0
42,5°	311.2	301.1	295.9	289.7	289.1	286.7	288.6	315.1	308.1	299.4	289.1	277.2	261.4	248.0	235.0
45,0°	252.5	246.7	242.1	237.9	236.9	235.4	235.5	316.0	308.4	298.9	285.9	270.6	254.2	239.7	220.5
46,0°	232.6	227.0	222.0	217.8	216.9	215.4	215.4	315.3	307.7	297.9	284.1	267.2	250.8	235.2	212.3
47,0°	214.1	208.2	203.1	199.3	198.5	197.1	197.1	313.9	306.4	296.1	281.7	263.4	247.1	229.7	202.8
48,0°	195.9	189.6	184.6	180.8	180.3	179.0	179.6	312.0	304.7	293.9	279.1	259.8	243.5	224.0	193.7
49,0°	181.0	174.4	169.8	166.5	166.7	165.7	166.4	309.1	302.3	291.0	276.0	255.8	239.3	217.5	184.7
50,0°	167.4	159.6	156.5	152.5	154.1	152.4	154.5	305.7	299.1	287.3	272.2	251.6	234.7	210.7	176.2
51,0°	153.5	146.0	142.0	139.4	140.5	140.4	140.9	301.9	295.3	283.0	268.0	247.0	229.5	203.9	168.4
52,0°	141.1	133.1	130.1	128.6	130.1	129.9	130.2	297.6	291.0	277.8	262.7	241.6	223.6	196.8	161.0
53,0°	130.9	122.6	119.8	118.1	119.2	118.6	118.5	293.3	286.5	272.0	255.9	235.2	217.1	190.0	154.2
54,0°	123.7	115.2	111.8	110.1	110.8	110.1	110.2	289.1	281.9	266.2	248.3	227.2	208.9	182.0	147.2
55,0°	118.0	109.8	105.9	103.8	104.2	103.2	103.2	284.5	277.0	260.5	241.3	219.3	199.2	172.0	139.0
56,0°	110.9	102.4	98.4	96.7	96.8	95.7	95.4	280.7	272.7	255.6	235.4	213.0	191.1	161.6	128.9
57,0°	102.6	95.2	91.9	90.2	90.1	88.6	88.5	277.2	268.6	250.5	229.7	206.7	183.9	152.1	118.2
58,0°	94.4	87.5	85.0	82.7	83.0	80.3	81.0	274.4	265.0	246.0	224.3	200.7	176.7	144.3	109.6
59,0°	86.1	79.9	77.1	75.6	75.1	72.8	73.0	272.3	261.9	241.7	219.4	195.0	169.8	136.9	102.7
60,0°	78.0	72.0	69.8	68.6	68.0	65.4	65.6	270.6	259.0	237.5	214.4	189.3	162.7	129.3	96.0
61,0°	69.3	63.9	62.0	61.1	60.2	57.8	58.0	269.8	257.2	234.3	210.2	184.0	156.4	122.6	89.9
62,0°	61.6	56.8	55.4	54.7	53.6	51.4	51.7	269.3	255.6	231.4	205.7	178.1	149.7	115.9	84.1
63,0°	54.4	50.5	49.5	48.9	47.5	45.9	45.9	268.5	253.0	227.3	198.8	168.6	139.9	107.9	78.4
64,0°	47.4	44.3	43.7	43.0	41.7	40.3	40.4	267.9	249.9	221.4	188.2	152.7	123.7	95.7	72.6
65,0°	41.9	39.5	39.2	38.4	37.5	36.1	36.2	268.2	247.1	214.7	175.8	132.6	102.0	78.9	64.7
66,0°	37.2	35.1	35.5	34.5	34.0	32.5	33.0	269.3	245.8	209.9	164.1	114.6	81.9	65.2	55.6
67,0°	33.3	32.3	32.4	31.8	30.8	29.9	30.0	271.6	246.3	206.5	154.8	100.7	68.8	55.9	48.4
68,0°	30.5	29.9	30.1	29.3	28.5	27.8	27.9	275.4	248.4	203.4	145.5	89.3	61.2	50.5	43.3
69,0°	28.2	27.7	27.6	26.7	26.1	25.6	25.7	281.3	252.5	201.3	137.0	80.0	57.0	47.2	40.0
70,0°	26.4	25.7	25.2	24.4	23.9	23.6	23.8	290.6	259.0	199.5	127.7	71.5	53.8	44.0	37.1
71,0°	24.8	23.6	23.0	22.1	21.8	21.3	21.7	302.4	269.3	198.6	117.5	65.4	51.1	41.1	34.1
72,0°	23.1	21.9	21.0	20.1	19.6	19.3	19.7	312.8	278.4	195.4	107.3	62.3	49.3	38.5	31.3

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>DL® 50 mini LED</b>	<b>Bestell-Nr.: 5XA248B31F08NE</b> <b>EAN: 4058352789964</b>	<b>LP-Nummer</b> <b>59074_152</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	202,5° 337,5°	205,0° 335,0°	207,5° 332,5°	210,0° 330,0°	212,5° 327,5°	215,0° 325,0°	217,5° 322,5°	220,0° 320,0°	222,5° 317,5°	225,0° 315,0°	227,5° 312,5°	230,0° 310,0°	232,5° 307,5°	235,0° 305,0°	237,5° 302,5°
γ	Lichtstärke in cd/klm														
0,0°	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2
2,5°	248.5	248.2	247.7	247.4	247.1	246.6	246.4	246.0	245.7	245.4	245.0	244.8	244.4	244.0	243.8
5,0°	251.7	250.7	249.4	248.5	247.6	246.7	245.8	245.0	244.1	243.3	242.5	241.7	240.8	240.1	239.3
7,5°	259.4	257.8	255.9	254.4	253.0	251.4	249.9	248.4	246.9	245.4	244.0	242.7	241.2	239.8	238.3
10,0°	272.0	269.3	267.0	264.2	261.8	259.2	256.8	254.2	251.0	247.7	244.3	241.3	238.7	236.2	234.2
12,5°	287.1	283.0	278.9	275.2	270.1	264.7	259.6	255.2	251.4	248.2	245.3	242.3	239.3	235.6	232.1
15,0°	298.1	292.7	286.2	279.2	272.6	267.4	262.6	258.4	253.5	247.2	240.8	233.4	227.0	220.2	214.8
17,5°	293.5	287.2	281.6	278.1	273.7	268.4	260.8	251.8	242.2	232.8	224.7	217.7	212.0	206.8	202.2
20,0°	269.2	265.6	265.8	264.0	260.1	252.8	245.2	237.0	229.9	222.7	216.0	210.0	205.0	200.1	195.3
22,5°	241.7	241.5	239.4	233.2	227.5	222.8	219.9	218.0	216.8	215.4	212.1	206.4	199.4	191.8	184.4
25,0°	223.2	218.5	211.6	203.3	198.8	195.8	195.4	196.9	198.4	198.3	196.6	193.2	187.7	180.6	173.1
27,5°	218.3	205.8	194.7	185.1	180.4	178.4	176.8	174.2	171.6	170.3	170.7	172.4	174.2	174.9	173.6
30,0°	222.5	207.0	193.8	182.6	174.2	164.6	155.1	147.8	144.0	144.6	149.1	156.6	165.0	171.4	173.4
32,5°	230.4	216.3	203.8	191.8	174.0	153.9	137.0	126.3	123.6	127.5	134.9	143.0	149.6	155.6	159.2
35,0°	236.2	224.9	211.8	192.5	168.0	146.3	129.8	118.7	112.9	112.0	115.0	120.7	126.5	130.5	132.9
37,5°	236.8	224.4	204.4	180.2	158.1	141.0	127.9	116.9	106.9	98.7	94.7	95.3	98.8	104.0	109.2
40,0°	231.1	211.2	184.8	162.9	145.9	134.1	122.9	109.8	96.3	86.5	79.0	75.7	76.6	82.7	88.8
42,5°	215.3	187.2	161.8	144.2	132.4	122.2	109.1	95.8	84.2	75.0	68.5	65.6	65.5	68.3	72.9
45,0°	190.7	161.2	139.6	127.0	117.5	104.6	91.1	80.0	71.4	66.1	63.2	61.5	60.6	60.8	62.5
46,0°	179.4	150.8	131.3	119.4	109.1	95.3	83.1	73.6	67.2	63.9	61.8	60.4	59.3	59.1	59.9
47,0°	168.1	140.9	123.2	113.0	101.5	87.5	76.6	69.0	64.5	62.3	60.7	59.5	58.4	57.9	58.1
48,0°	157.9	132.2	115.8	106.2	92.5	80.2	70.6	65.5	62.4	60.9	59.5	58.5	57.6	57.0	56.7
49,0°	148.6	124.2	108.9	98.4	84.2	73.3	66.3	62.8	60.9	59.6	58.5	57.5	56.7	56.1	55.5
50,0°	140.6	117.0	102.6	91.3	77.2	68.4	63.4	61.0	59.6	58.4	57.5	56.7	56.0	55.2	54.5
51,0°	133.3	110.2	96.0	82.8	70.5	64.3	60.9	59.3	58.0	57.1	56.3	55.7	54.9	54.2	53.5
52,0°	126.2	103.5	89.3	75.8	65.9	61.4	59.1	57.7	56.7	55.9	55.3	54.8	54.0	53.3	52.6
53,0°	119.8	97.1	82.9	70.2	62.7	59.4	57.5	56.4	55.5	54.8	54.2	53.6	53.0	52.5	51.8
54,0°	113.2	90.5	76.3	64.7	59.8	57.2	55.7	54.8	54.1	53.5	53.0	52.3	51.9	51.5	50.9
55,0°	106.1	84.2	70.2	61.1	57.6	55.5	54.3	53.4	52.7	52.2	51.7	51.2	50.9	50.6	50.1
56,0°	97.9	78.3	65.0	58.3	55.4	53.9	52.6	52.2	51.4	51.0	50.4	50.2	49.9	49.7	49.2
57,0°	87.7	71.8	60.7	55.9	53.6	52.1	51.1	50.6	50.0	49.6	49.2	49.0	48.8	48.8	48.4
58,0°	78.4	64.1	56.6	54.4	52.0	50.7	49.7	49.1	48.6	48.5	48.0	47.9	47.7	47.8	47.5
59,0°	71.7	57.4	51.9	51.6	50.3	49.2	48.2	47.4	46.9	47.0	47.0	46.7	46.6	46.8	46.7
60,0°	66.6	53.1	48.1	48.0	48.7	47.8	46.9	46.1	45.5	45.6	45.7	45.7	45.6	45.8	45.7
61,0°	62.6	50.4	45.9	46.0	47.4	46.7	45.7	44.9	44.3	44.4	44.5	44.7	44.5	44.8	44.7
62,0°	59.1	47.9	44.4	45.1	46.0	45.3	44.3	43.7	43.1	43.0	43.1	43.3	43.3	43.7	43.5
63,0°	55.9	45.7	43.1	44.4	44.7	44.0	43.2	42.6	42.0	41.9	42.0	42.2	42.3	42.5	42.5
64,0°	53.1	43.8	41.7	43.6	43.2	42.7	41.9	41.5	40.9	40.8	40.8	41.1	41.2	41.3	41.2
65,0°	49.9	42.0	40.4	42.3	41.9	41.3	40.7	40.5	40.0	39.8	39.7	40.2	40.3	40.0	40.1
66,0°	46.0	40.1	39.2	41.2	40.5	40.1	39.6	39.3	38.6	38.4	38.5	38.9	39.0	38.9	38.9
67,0°	41.6	38.0	37.9	39.4	38.8	38.4	38.0	37.9	37.3	37.0	36.9	37.4	37.5	37.4	37.3
68,0°	37.9	35.8	36.5	37.5	37.0	36.8	36.6	36.5	36.0	35.6	35.5	36.1	36.4	36.1	35.8
69,0°	35.2	33.6	34.8	35.6	35.1	35.1	34.8	35.0	34.6	34.1	33.8	34.7	34.9	34.1	33.8
70,0°	32.7	31.4	32.6	33.3	33.2	33.0	32.9	33.1	32.8	32.3	32.0	32.9	32.6	31.7	31.9
71,0°	29.9	29.1	30.1	30.9	30.9	31.0	30.9	31.0	30.7	30.4	30.3	30.9	29.9	29.4	29.6
72,0°	27.3	26.7	27.3	28.0	27.9	28.1	27.9	28.0	28.0	28.0	27.9	28.2	27.0	26.8	26.9

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>DL® 50 mini LED</b>	<b>Bestell-Nr.: 5XA248B31F08NE</b> <b>EAN: 4058352789964</b>	<b>LP-Nummer</b> <b>59074_152</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	240,0° 300,0°	242,5° 297,5°	245,0° 295,0°	247,5° 292,5°	250,0° 290,0°	252,5° 287,5°	255,0° 285,0°	257,5° 282,5°	260,0° 280,0°	262,5° 277,5°	265,0° 275,0°	267,5° 272,5°	270,0°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm													Lichtstrom in lm/klm	
0,0°	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	0.4	0.4
2,5°	243.4	243.3	243.0	242.8	242.8	242.5	242.5	242.4	242.1	242.4	242.1	242.1	242.3	3.0	3.4
5,0°	238.6	237.9	237.3	236.7	236.3	235.9	235.5	235.4	235.1	234.9	234.7	234.6	234.6	6.1	9.5
7,5°	236.8	235.3	233.8	232.5	231.2	230.3	229.3	228.5	227.9	227.3	227.0	226.7	226.7	9.4	18.9
10,0°	232.2	230.4	228.8	227.3	225.9	224.6	223.4	222.3	221.4	220.6	220.2	219.6	219.6	13.0	31.9
12,5°	227.8	224.2	220.1	216.8	213.4	210.6	208.1	205.7	204.1	202.3	201.7	200.6	200.8	16.8	48.6
15,0°	209.6	205.5	201.8	198.6	195.9	193.5	191.4	189.4	187.8	186.4	185.6	184.8	184.8	20.3	68.9
17,5°	198.1	194.4	191.2	188.2	185.6	183.4	181.3	179.2	177.5	175.9	175.0	174.2	174.2	23.4	92.3
20,0°	190.5	185.8	181.2	176.6	172.6	168.7	165.7	162.6	160.3	157.9	156.9	155.5	155.8	25.7	118.0
22,5°	177.4	170.9	165.2	160.0	155.7	151.9	149.1	146.6	144.7	142.8	141.8	141.0	141.0	27.6	145.6
25,0°	166.7	161.7	158.0	155.0	152.6	150.4	148.5	146.8	145.3	144.0	142.8	142.1	142.0	30.1	175.8
27,5°	170.6	166.5	162.1	157.8	153.9	150.5	147.4	144.7	142.6	140.7	139.1	138.1	137.9	33.4	209.2
30,0°	171.2	166.2	160.0	153.7	148.2	142.8	137.9	132.9	129.2	125.8	123.8	122.1	122.1	37.0	246.2
32,5°	159.3	154.0	146.2	137.1	130.5	124.6	120.6	116.8	114.3	111.8	110.6	109.2	109.4	40.6	286.8
35,0°	134.1	133.4	129.8	123.6	117.5	112.4	108.5	105.3	102.6	100.6	99.2	98.3	98.2	44.2	330.9
37,5°	113.3	115.3	114.5	110.5	105.4	100.4	96.7	93.4	91.0	89.0	87.8	86.8	86.8	47.1	378.0
40,0°	94.4	96.6	97.6	94.4	90.9	85.9	83.0	79.7	78.3	76.2	75.9	74.7	75.2	48.5	426.5
42,5°	77.4	79.8	79.8	77.7	74.6	71.2	68.7	66.9	65.9	65.0	64.6	64.4	64.5	48.6	475.1
45,0°	65.0	66.5	66.1	64.0	61.6	59.9	59.1	58.9	59.3	59.6	60.0	60.3	60.5	33.2	508.4
46,0°	61.4	62.3	61.8	60.0	58.7	58.0	57.7	57.7	58.2	58.7	59.2	59.6	59.8	18.9	527.3
47,0°	59.0	59.5	58.9	58.1	57.5	56.9	56.6	56.6	57.2	57.8	58.5	59.0	59.3	18.7	546.0
48,0°	57.2	57.3	57.3	56.9	56.4	55.7	55.6	55.6	56.3	56.9	57.7	58.2	58.7	18.5	564.5
49,0°	55.7	56.0	56.3	55.9	55.3	54.8	54.7	54.7	55.3	56.0	56.9	57.5	57.9	18.2	582.7
50,0°	54.5	55.0	55.5	55.2	54.6	53.9	53.7	53.7	54.4	55.1	55.9	56.6	57.0	18.0	600.7
51,0°	53.4	53.8	54.5	54.5	53.9	53.0	52.7	52.7	53.2	54.0	54.8	55.5	55.8	17.7	618.4
52,0°	52.5	52.7	53.3	53.8	53.3	52.4	51.8	51.6	52.0	52.7	53.4	54.1	54.4	17.5	635.9
53,0°	51.5	51.7	52.1	52.5	52.6	51.7	50.9	50.5	50.7	51.2	52.0	52.6	52.9	17.2	653.1
54,0°	50.5	50.5	51.0	51.0	51.1	50.8	50.1	49.5	49.4	49.8	50.5	51.0	51.3	17.0	670.1
55,0°	49.6	49.5	50.0	50.0	49.9	49.6	49.4	48.9	48.3	48.4	49.1	49.6	49.9	16.8	686.8
56,0°	48.8	48.5	48.9	48.9	48.6	48.1	48.3	47.8	47.3	47.0	47.8	48.1	48.5	16.5	703.4
57,0°	47.9	47.6	47.7	47.8	47.5	46.9	46.6	46.5	46.0	45.6	46.5	46.9	46.9	16.3	719.7
58,0°	47.0	46.5	46.5	46.6	46.6	45.9	45.3	44.9	44.5	44.3	45.2	45.7	45.5	16.1	735.8
59,0°	46.1	45.2	45.2	45.4	45.5	44.8	44.1	43.5	43.0	42.9	44.1	44.7	44.0	15.9	751.7
60,0°	45.1	44.1	44.1	44.2	44.3	43.8	43.2	42.4	41.8	42.0	43.7	43.9	42.9	15.6	767.3
61,0°	44.1	43.2	42.8	43.2	43.1	42.8	42.2	41.3	40.6	40.7	42.0	42.3	41.7	15.4	782.7
62,0°	43.0	42.2	41.7	41.8	42.0	41.5	41.1	40.3	39.3	39.0	39.9	40.2	40.1	15.2	797.9
63,0°	42.1	41.3	40.8	40.6	40.8	40.2	39.8	39.1	38.0	37.5	38.0	38.3	38.4	15.0	812.9
64,0°	41.1	40.4	39.9	39.5	39.6	38.7	38.3	37.4	36.7	35.6	36.2	36.2	36.7	14.7	827.5
65,0°	40.2	39.9	39.3	38.8	38.4	37.1	36.4	35.6	34.6	33.3	33.6	33.7	34.2	14.4	841.9
66,0°	39.5	39.2	38.9	38.4	36.8	34.7	34.0	33.0	32.0	31.0	31.1	31.2	31.9	14.1	856.1
67,0°	38.3	38.5	38.3	37.0	33.9	31.7	31.2	30.4	29.7	28.3	28.5	28.6	29.2	14.0	870.0
68,0°	36.5	37.3	37.8	34.5	31.1	28.9	28.7	27.6	27.1	25.5	25.8	25.7	26.3	13.9	883.9
69,0°	34.9	35.9	35.7	30.9	27.9	25.4	25.4	24.7	24.6	23.4	23.6	22.9	23.8	13.9	897.8
70,0°	33.0	34.2	32.2	27.4	24.6	22.9	22.4	22.2	22.3	21.5	21.0	20.3	20.8	13.8	911.6
71,0°	30.6	31.8	28.3	23.8	22.1	20.0	19.4	19.4	20.0	19.5	18.3	17.5	17.6	13.6	925.1
72,0°	28.0	27.2	24.1	20.1	18.6	17.2	16.4	16.3	17.3	16.1	15.3	14.7	15.0	13.2	938.3

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>DL® 50 mini LED</b>	<b>Bestell-Nr.: 5XA248B31F08NE</b> <b>EAN: 4058352789964</b>	<b>LP-Nummer</b> <b>59074_152</b>
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<b>Wertetabelle Lichtstärkemessung</b>	<b>Maximale Lichtstärke</b>	<b>siteco</b>
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C- Ebenen	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Lichtstärke in cd/klm														
73,0°	314.2	327.1	363.0	397.4	422.7	442.9	443.9	424.6	388.6	334.2	283.3	254.4	265.4	296.9	310.4
74,0°	302.3	315.4	351.4	383.4	407.0	421.3	422.6	404.3	368.4	319.2	278.5	252.6	254.3	276.8	278.8
75,0°	271.9	282.4	317.5	348.3	373.3	382.5	388.8	372.7	343.4	304.4	279.4	261.8	262.3	267.5	251.6
76,0°	203.4	205.7	235.6	259.9	289.7	298.9	320.0	312.0	301.5	279.0	270.4	271.0	278.1	258.7	216.4
77,0°	127.7	125.1	141.5	158.4	183.6	190.1	209.0	211.9	225.2	227.5	246.7	272.1	287.2	232.7	167.6
78,0°	69.4	62.5	74.1	81.0	106.1	107.6	125.5	119.8	140.1	148.2	182.4	203.3	237.4	175.8	116.2
79,0°	29.2	27.1	30.4	36.2	50.1	55.6	64.6	67.3	83.0	101.9	127.0	132.3	111.3	97.4	67.9
80,0°	12.8	12.6	14.0	17.5	21.8	23.3	28.0	29.0	41.4	56.8	84.5	75.6	49.9	39.4	30.6
81,0°	7.7	8.0	8.9	10.4	11.7	11.5	12.4	12.0	15.1	20.5	28.7	25.3	16.6	15.8	13.4
82,0°	5.8	6.0	6.6	7.2	7.9	7.5	7.7	7.8	8.6	10.6	14.3	13.0	9.1	8.3	8.1
83,0°	4.4	4.5	4.9	5.1	5.5	5.4	5.4	5.6	5.8	6.4	8.8	9.1	7.0	5.9	5.9
84,0°	3.1	3.1	3.3	3.3	3.5	3.5	3.6	3.6	3.8	3.9	4.6	4.7	4.4	4.2	4.3
85,0°	2.4	2.3	2.3	2.3	2.4	2.3	2.5	2.5	2.6	2.6	2.8	2.8	2.9	2.8	3.0
86,0°	1.8	1.8	1.8	1.7	1.8	1.7	1.8	1.6	1.7	1.6	1.8	1.8	1.9	1.8	2.0
87,0°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.2
88,0°	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8
89,0°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.8	0.7	0.7	0.7	0.6
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	0.0	0.0



## Lichttechnischer Prüfbefund

<b>Familie</b> <b>DL® 50 mini LED</b>	<b>Bestell-Nr.: 5XA248B31F08NE</b> <b>EAN: 4058352789964</b>	<b>LP-Nummer</b> <b>59074_152</b>
		<b>siteco</b>

C- Ebenen	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Lichtstärke in cd/klm														
<b>73,0°</b>	308.3	289.8	248.1	201.6	148.8	101.1	66.6	46.0	32.7	28.1	26.8	25.7	25.0	24.3	22.6
<b>74,0°</b>	264.8	245.1	208.3	168.0	120.8	81.4	53.7	38.2	29.2	25.7	24.6	23.7	23.1	22.3	20.7
<b>75,0°</b>	221.4	197.5	168.0	137.9	96.7	64.3	42.4	32.1	26.6	23.9	22.7	22.1	21.1	20.4	18.8
<b>76,0°</b>	170.0	141.6	116.1	96.9	66.0	46.5	33.7	27.6	23.9	22.0	20.8	20.3	18.8	18.0	16.6
<b>77,0°</b>	115.1	88.3	66.5	54.7	37.9	29.4	24.9	23.6	21.5	19.9	18.7	18.0	16.1	15.0	13.9
<b>78,0°</b>	76.5	58.2	42.9	33.1	24.2	20.5	19.2	19.7	18.8	17.7	16.6	16.0	13.8	12.5	11.6
<b>79,0°</b>	51.1	41.7	30.0	23.4	18.1	15.9	14.7	15.6	15.2	15.4	14.3	13.4	11.4	10.3	9.3
<b>80,0°</b>	27.2	25.0	20.1	16.4	13.4	11.9	11.1	11.4	11.9	13.0	12.3	11.1	9.1	8.2	7.6
<b>81,0°</b>	11.7	12.0	11.9	11.4	9.8	9.0	8.5	8.7	9.5	10.7	10.3	9.2	7.2	6.5	6.0
<b>82,0°</b>	7.4	7.2	7.5	7.3	6.8	6.7	6.6	6.8	7.5	8.7	8.4	7.3	5.7	5.0	4.6
<b>83,0°</b>	5.7	5.7	5.8	5.1	4.8	4.9	4.8	5.2	5.6	6.5	6.1	5.3	4.3	3.8	3.5
<b>84,0°</b>	4.3	4.5	4.4	3.8	3.4	3.3	3.3	3.6	3.8	4.5	4.3	3.9	3.2	2.9	2.7
<b>85,0°</b>	3.1	3.3	3.2	2.8	2.4	2.3	2.2	2.2	2.3	2.8	2.6	2.5	2.1	2.1	1.9
<b>86,0°</b>	2.0	2.2	2.1	2.0	1.7	1.7	1.5	1.5	1.4	1.5	1.4	1.5	1.4	1.4	1.3
<b>87,0°</b>	1.2	1.4	1.3	1.3	1.1	1.1	1.0	1.0	0.9	1.0	0.9	1.0	0.9	0.9	0.9
<b>88,0°</b>	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<b>89,0°</b>	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.4	0.4
<b>90,0°</b>	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	0.0	0.0

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>DL® 50 mini LED</b>	<b>Bestell-Nr.: 5XA248B31F08NE</b> <b>EAN: 4058352789964</b>	<b>LP-Nummer</b> <b>59074_152</b>
		<b>siteco</b>

C- Ebenen	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Lichtstärke in cd/klm														
<b>73,0°</b>	21.3	20.0	19.0	18.2	17.6	17.4	17.7	313.3	276.8	182.6	96.1	62.4	48.6	36.4	28.9
<b>74,0°</b>	19.7	18.1	17.0	16.2	15.6	15.3	15.5	298.9	258.9	160.8	84.5	62.2	47.9	34.5	26.9
<b>75,0°</b>	18.1	16.5	15.3	14.4	13.8	13.6	13.6	264.0	223.5	129.7	69.4	55.9	45.5	31.7	24.5
<b>76,0°</b>	16.3	14.7	13.7	12.7	12.1	11.7	11.8	192.6	158.3	84.1	46.3	41.8	38.2	28.2	21.4
<b>77,0°</b>	14.0	12.6	11.8	10.9	10.4	9.8	9.9	119.2	94.7	47.7	27.5	30.6	30.2	25.2	18.9
<b>78,0°</b>	12.0	10.8	10.1	9.4	8.8	8.3	8.4	60.8	51.0	28.7	23.6	31.7	31.7	27.0	18.5
<b>79,0°</b>	9.9	8.8	8.6	7.8	7.4	6.8	6.9	26.2	24.1	20.1	24.0	34.5	38.1	31.6	19.5
<b>80,0°</b>	7.8	7.1	6.8	6.2	5.7	5.4	5.4	11.7	11.9	13.1	17.9	27.0	35.6	31.7	18.8
<b>81,0°</b>	6.3	5.7	5.4	4.9	4.6	4.3	4.3	7.2	7.1	7.6	9.6	14.8	24.3	24.2	14.8
<b>82,0°</b>	4.8	4.3	4.1	3.9	3.7	3.5	3.5	5.5	5.5	5.5	6.1	7.9	14.2	14.8	9.6
<b>83,0°</b>	3.5	3.2	3.1	3.1	2.9	2.8	2.8	4.2	4.2	4.2	4.5	4.9	6.9	7.1	5.4
<b>84,0°</b>	2.6	2.5	2.3	2.3	2.3	2.2	2.2	3.1	3.2	3.2	3.3	3.4	3.6	3.5	3.2
<b>85,0°</b>	1.9	1.7	1.7	1.6	1.6	1.5	1.6	2.3	2.4	2.4	2.5	2.4	2.4	2.3	2.3
<b>86,0°</b>	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.8	1.9	1.8	1.9	1.8	1.9	1.7	1.8
<b>87,0°</b>	0.9	0.8	0.8	0.7	0.7	0.7	0.8	1.4	1.5	1.4	1.5	1.5	1.4	1.4	1.4
<b>88,0°</b>	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
<b>89,0°</b>	0.4	0.4	0.4	0.3	0.3	0.3	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
<b>90,0°</b>	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	0.0	0.0

## Lichttechnischer Prüfbefund

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		<b>siteco</b>

C- Ebenen	202,5° 337,5°	205,0° 335,0°	207,5° 332,5°	210,0° 330,0°	212,5° 327,5°	215,0° 325,0°	217,5° 322,5°	220,0° 320,0°	222,5° 317,5°	225,0° 315,0°	227,5° 312,5°	230,0° 310,0°	232,5° 307,5°	235,0° 305,0°	237,5° 302,5°
	Lichtstärke in cd/klm														
γ															
73,0°	24.9	24.3	24.5	25.3	25.5	25.7	25.5	25.6	25.6	25.7	25.5	25.3	24.2	24.2	24.3
74,0°	22.7	21.8	22.0	23.1	23.1	23.3	23.3	23.1	23.0	23.0	22.3	21.8	21.3	22.1	22.2
75,0°	20.1	19.3	19.5	20.0	20.1	20.7	20.5	20.1	19.5	19.2	18.5	18.6	18.7	19.6	20.1
76,0°	17.5	16.8	17.0	17.6	17.7	18.1	17.8	17.2	16.6	16.1	16.0	16.1	16.1	16.5	17.1
77,0°	15.2	14.8	14.8	15.1	14.9	15.8	14.9	14.7	13.6	13.6	13.1	13.4	12.7	13.5	13.5
78,0°	13.3	13.0	12.8	12.6	12.4	13.0	12.1	11.6	11.1	10.9	10.7	10.7	10.4	10.5	10.3
79,0°	12.2	11.5	11.0	10.5	10.6	10.6	9.8	9.6	9.0	8.8	8.6	8.6	8.3	8.5	8.1
80,0°	10.6	9.9	9.3	8.2	8.3	8.6	8.1	7.7	7.2	6.8	6.6	6.5	6.1	6.1	6.0
81,0°	8.5	8.0	7.5	6.6	6.6	6.8	6.6	6.2	5.6	5.3	5.0	4.8	4.6	4.6	4.5
82,0°	6.3	6.0	5.6	5.1	5.1	5.3	5.1	4.9	4.4	4.1	3.7	3.6	3.3	3.2	3.2
83,0°	4.4	4.3	4.0	3.8	3.7	3.8	3.8	3.5	3.1	2.9	2.7	2.6	2.4	2.4	2.2
84,0°	3.0	3.0	2.8	2.7	2.7	2.8	2.7	2.5	2.2	2.1	2.0	2.0	1.8	1.7	1.6
85,0°	2.2	2.2	2.0	2.0	1.8	1.9	1.7	1.8	1.5	1.5	1.3	1.3	1.2	1.1	0.9
86,0°	1.7	1.7	1.6	1.4	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.8	0.7
87,0°	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.7	0.7	0.6
88,0°	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.5
89,0°	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5
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	0.0	0.0

C- Ebenen	240,0° 300,0°	242,5° 297,5°	245,0° 295,0°	247,5° 292,5°	250,0° 290,0°	252,5° 287,5°	255,0° 285,0°	257,5° 282,5°	260,0° 280,0°	262,5° 277,5°	265,0° 275,0°	267,5° 272,5°	270,0°	Phi-Zone	Summe Phi-Zone
	Lichtstärke in cd/klm													Lichtstrom in lm/klm	
γ															
73,0°	25.2	23.7	20.7	17.3	15.7	14.3	13.6	13.2	13.9	12.2	11.9	11.5	12.0	12.5	950.9
74,0°	22.7	20.6	17.8	14.9	13.0	11.5	11.0	10.5	10.8	9.4	9.0	8.5	8.6	11.7	962.5
75,0°	19.7	17.1	15.0	13.1	11.1	9.5	9.0	8.4	8.6	7.4	7.0	6.4	6.5	10.6	973.1
76,0°	16.2	14.3	12.8	11.1	9.6	8.0	7.3	6.7	6.5	5.6	5.1	4.7	4.8	8.7	981.9
77,0°	13.4	11.9	10.7	9.0	7.7	6.2	6.0	5.0	4.6	3.7	3.4	2.9	3.1	6.4	988.3
78,0°	10.5	9.9	8.8	7.2	5.7	4.7	4.3	3.6	3.1	2.4	2.0	1.7	1.7	4.4	992.7
79,0°	8.3	7.6	6.9	5.6	4.5	3.8	3.4	2.7	2.2	1.6	1.2	1.0	1.0	2.8	995.4
80,0°	6.2	5.6	5.3	4.3	3.5	2.9	2.4	1.9	1.6	1.1	0.8	0.7	0.7	1.7	997.1
81,0°	4.5	4.1	4.0	3.2	2.6	2.2	1.9	1.5	1.2	0.9	0.7	0.5	0.5	0.9	998.0
82,0°	3.2	3.0	3.0	2.4	2.0	1.6	1.4	1.1	0.9	0.6	0.5	0.5	0.5	0.6	998.6
83,0°	2.0	2.1	2.2	1.7	1.4	1.2	1.0	0.8	0.6	0.5	0.5	0.4	0.4	0.4	999.1
84,0°	1.5	1.6	1.5	1.1	1.0	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.3	999.4
85,0°	1.0	1.0	1.0	0.7	0.7	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.2	999.6
86,0°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	999.7
87,0°	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	999.8
88,0°	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	999.9
89,0°	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	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	0.0	0.0	1000.0

## Lichttechnischer Prüfbefund

<b>Familie</b> DL® 50 mini LED	<b>Bestell-Nr.: 5XA248B31F08NE</b> <b>EAN: 4058352789964</b>	<b>LP-Nummer</b> <b>59074_152</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	19270	121.8	133.7	127.8
95	241	252	18284	113.9	124.9	119.4
90	229	250	17373	106.9	117.2	112.0
85	216	248	16387	99.6	109.1	104.4
80	203	246	15401	92.6	101.4	97.0
75	190	243	14415	85.7	93.9	89.8
70	178	241	13504	79.6	87.0	83.3
65	165	238	12518	73.1	79.9	76.5
60	152	235	11532	66.8	72.9	69.8
55	140	232	10621	61.1	66.7	63.9
50	127	229	9635	55.1	60.1	57.6
45	114	225	8649	49.1	53.5	51.3
40	102	221	7738	43.6	47.7	45.7
35	89	216	6752	37.8	41.2	39.5
30	76	210	5766	32.2	35.1	33.7
25	63	203	4780	26.7	29.0	27.8
20	51	195	3869	21.8	23.6	22.7
15	38	184	2883	16.6	18.0	17.3
12	31	177	2352	13.8	14.9	14.4