

Lichttechnischer Prüfbefund

Familie
DL® 50 midi LED

Bestell-Nr.: 5XA2492D1B08A6
EAN: 4058352363430

LP-Nummer
58917_5



Ausführung	Mastansatz- / Mastaufsatzmontage
Optik	Fußgängerüberweg, asymmetrisch rechts strahlend (PC-R)
Abdeckung	Abdeckung klar (ESG), teilweise bedruckt
Bestückung	LED 3000 K CRI ≥ 80
Betriebsgerät	EVG Plus
Bemessungswerte	Nettolichtstrom = 10970 lm Systemleistung = 116.4 W Lichtausbeute = 94.2 lm/W

Seriendokumentation
11.02.2021

siteco

Lichtstärke in cd/klm

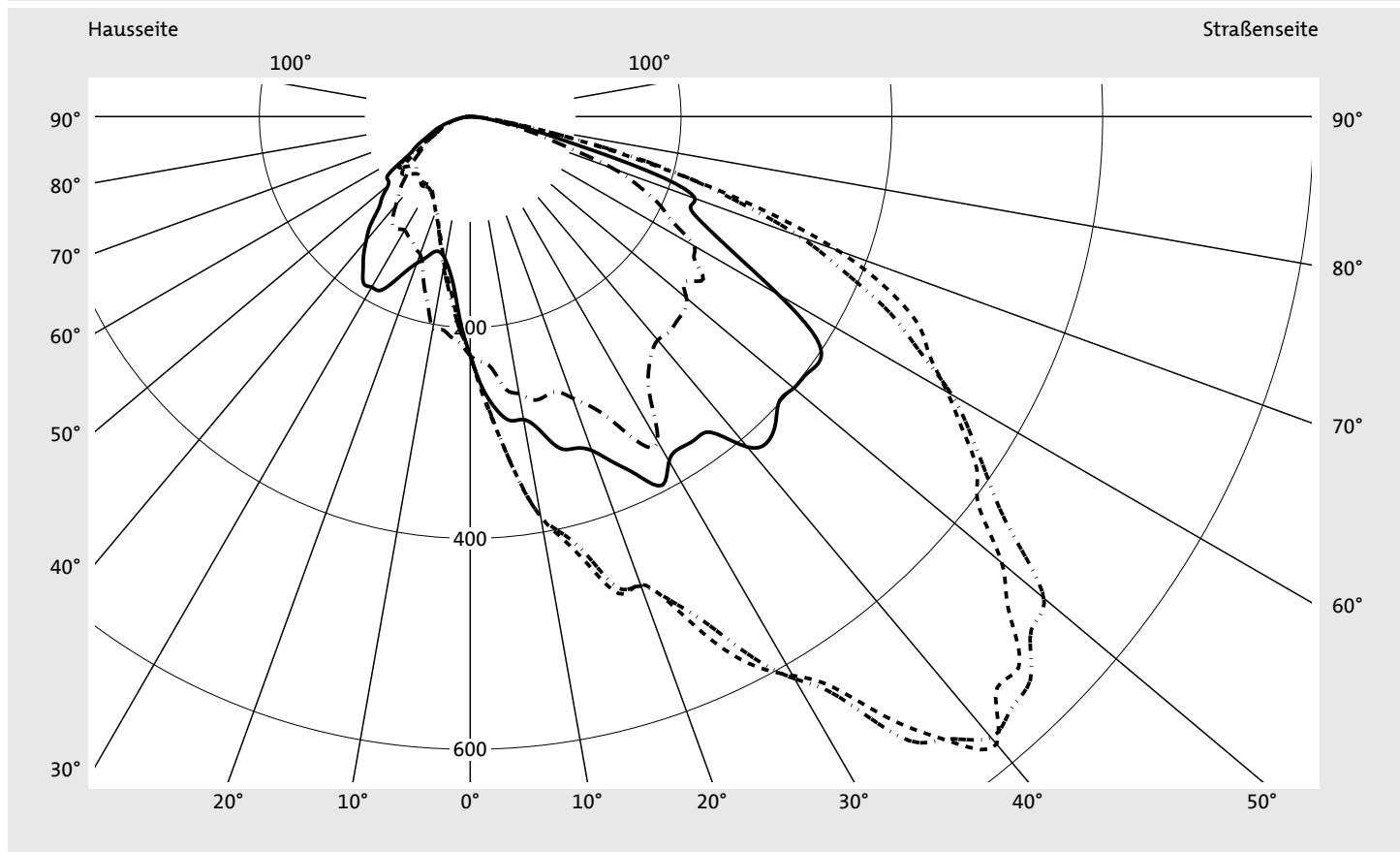
C180-0

C225-45

C230-50

C270-90

Imax: 777 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G3
Imax 70°	670.3
Imax 80°	67.1
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

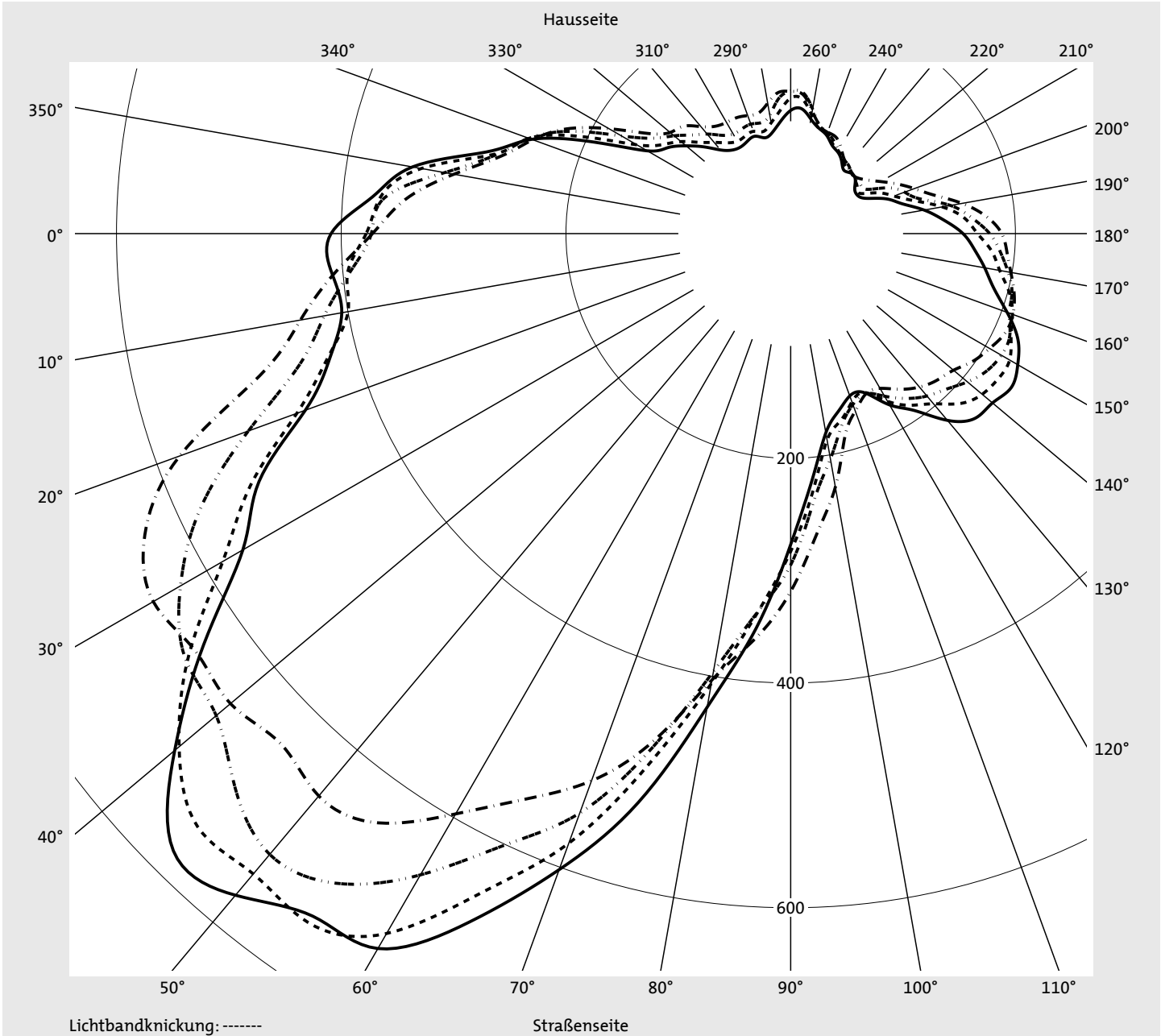
KMK 40°

KMK 37,5°

KMK 35°

KMK 32,5°

siteco



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Familie DL® 50 midi LED	Bestell-Nr.: 5XA2492D1B08A6 EAN: 4058352363430	LP-Nummer 58917_5
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
siteco		

C- Ebenen	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°
γ	Lichtstärke in cd/klm													
0,0°	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7
2,5°	256.8	257.4	259.9	260.1	261.6	262.0	263.9	264.6	264.7	263.0	260.4	257.6	254.6	252.8
5,0°	278.2	284.3	292.5	295.8	299.2	299.7	302.6	302.7	302.1	301.2	300.2	298.1	294.0	288.4
7,5°	290.8	298.4	310.0	318.6	326.7	332.5	337.8	342.4	346.6	345.5	346.2	346.4	340.4	333.5
10,0°	291.7	302.6	315.2	327.8	343.1	357.0	368.4	377.1	383.1	385.4	384.9	383.0	380.3	368.8
12,5°	304.6	318.2	337.7	349.5	366.5	378.5	393.1	401.6	407.0	411.3	405.2	404.9	400.5	383.1
15,0°	325.1	350.4	370.5	387.7	411.2	424.5	441.2	447.3	452.3	443.1	431.6	421.7	412.2	391.8
17,5°	329.9	369.1	401.4	422.6	440.0	447.5	453.7	466.9	475.3	474.8	469.0	454.0	430.1	401.5
20,0°	336.9	371.8	402.7	425.6	454.7	472.5	475.8	488.2	483.2	472.0	473.7	468.8	458.0	422.1
22,5°	354.9	390.7	414.5	451.4	480.7	485.6	501.4	506.3	511.2	501.9	496.7	490.4	490.5	466.5
25,0°	375.0	415.4	448.8	460.4	485.5	510.2	528.2	535.0	543.2	551.1	529.9	516.2	504.3	477.1
27,5°	394.2	427.8	451.2	483.3	523.4	536.9	548.3	551.3	573.5	588.0	577.0	540.7	524.2	501.0
30,0°	377.3	412.1	462.4	523.3	573.7	598.1	604.8	606.5	600.4	612.1	615.6	583.4	550.4	528.3
32,5°	372.2	407.8	443.0	489.4	578.7	634.2	655.0	647.1	650.8	642.0	653.4	640.2	596.4	555.0
35,0°	373.2	393.8	421.5	452.9	513.7	579.8	627.0	658.1	667.4	698.9	721.3	705.8	659.1	600.1
37,5°	377.8	395.8	400.0	426.4	467.7	530.5	583.6	653.9	710.5	746.5	744.0	748.6	719.3	646.1
40,0°	409.1	409.7	405.7	424.2	459.7	522.1	563.0	637.7	715.6	776.9	768.7	741.6	734.7	675.9
42,5°	418.0	412.1	414.5	430.2	469.1	508.0	550.5	610.3	694.3	738.6	760.5	732.1	723.9	671.1
45,0°	410.0	412.9	437.2	458.1	484.4	507.8	544.7	585.3	655.1	736.7	752.2	730.6	712.7	666.2
47,5°	398.4	422.2	452.4	478.4	507.2	524.5	555.9	586.0	620.8	692.7	721.7	728.9	711.0	665.0
50,0°	400.7	437.1	471.7	493.7	528.6	530.8	565.8	585.3	598.3	658.4	710.5	715.4	683.1	660.2
52,5°	401.7	433.4	478.3	494.0	544.0	546.0	570.1	591.3	585.2	608.5	647.1	669.0	646.3	631.5
55,0°	404.7	435.8	482.1	528.1	588.1	584.8	586.5	588.9	578.0	587.2	600.0	633.4	619.3	587.4
57,5°	388.2	442.9	522.3	587.0	648.0	659.6	614.9	578.4	573.5	554.3	563.9	584.0	553.2	546.3
60,0°	337.9	430.7	555.6	625.0	692.3	700.1	640.2	589.6	559.6	522.7	527.6	531.3	493.1	479.9
62,5°	284.7	396.2	508.8	599.7	687.3	717.1	660.1	616.2	563.1	491.5	479.9	472.4	431.4	423.9
65,0°	247.1	347.5	468.4	517.7	618.9	730.8	710.7	624.9	526.9	469.9	438.6	414.3	360.3	362.4
67,5°	226.1	321.5	446.7	433.6	570.4	743.3	730.3	591.9	518.4	429.3	383.8	361.7	310.3	289.3
70,0°	226.9	340.1	446.1	467.3	540.0	670.3	660.2	527.8	447.2	371.1	332.6	300.6	249.9	235.4
72,5°	190.6	307.3	393.9	437.4	498.0	552.2	533.8	412.9	322.6	284.4	263.0	240.9	197.1	183.7
75,0°	108.6	195.2	276.6	306.2	338.6	362.5	357.1	264.5	202.7	187.1	195.0	183.1	153.2	139.6
77,5°	65.5	100.9	135.1	156.4	157.9	153.7	154.1	125.9	110.5	109.0	115.1	117.3	105.2	94.3
80,0°	31.5	37.8	44.4	56.0	52.4	51.1	62.8	67.1	60.6	55.5	51.3	55.2	58.2	53.8
82,5°	16.0	18.6	19.9	22.9	24.5	22.8	28.1	34.5	30.6	28.3	28.7	31.3	32.5	30.3
85,0°	6.7	7.2	7.6	8.0	8.3	9.0	9.6	10.6	11.2	12.2	13.5	14.1	14.0	13.7
87,5°	1.8	1.9	1.9	2.0	2.0	2.1	2.2	2.5	2.7	3.0	3.2	3.4	3.4	3.3
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	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	0.0

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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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C- Ebenen	70°	75°	80°	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°	135°
γ	Lichtstärke in cd/klm													
0,0°	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7
2,5°	248.3	244.8	241.8	237.9	232.6	228.2	224.6	221.1	217.6	215.3	213.4	211.0	208.9	206.0
5,0°	279.8	273.5	264.2	252.5	240.3	235.9	229.9	224.4	216.7	210.7	205.4	201.3	197.1	192.1
7,5°	325.0	307.7	284.9	275.6	261.1	247.2	235.7	221.8	212.1	205.9	197.2	191.3	185.3	178.2
10,0°	356.2	337.8	314.2	292.8	266.8	245.3	230.2	218.7	208.3	193.8	182.7	172.2	167.8	162.5
12,5°	364.2	339.1	320.9	298.6	275.2	255.5	230.8	215.9	202.1	187.7	179.6	169.0	163.4	157.6
15,0°	366.2	338.0	313.8	294.2	274.5	255.8	230.0	212.2	198.4	183.8	174.4	166.9	161.2	154.7
17,5°	374.6	337.5	318.6	295.1	273.6	239.9	212.1	198.0	187.1	178.7	170.3	165.6	161.7	153.2
20,0°	382.6	342.0	319.2	305.0	284.1	242.0	213.9	192.1	180.3	174.8	170.7	162.8	158.8	153.7
22,5°	417.9	369.5	336.3	318.5	297.2	265.4	231.6	197.8	187.1	178.7	170.5	162.0	157.2	155.7
25,0°	437.1	397.3	361.4	334.7	318.2	287.9	243.2	206.6	186.5	176.5	167.0	158.7	157.6	161.2
27,5°	465.7	433.5	394.5	365.7	349.3	316.3	249.8	208.5	183.7	166.7	158.9	156.1	160.3	167.7
30,0°	484.0	444.9	408.7	381.2	355.7	305.4	243.5	197.1	172.0	160.3	156.3	160.4	168.3	175.2
32,5°	518.3	466.3	403.4	361.8	318.6	268.0	229.1	186.7	168.1	157.7	159.0	169.1	178.3	184.4
35,0°	548.8	472.8	395.6	338.1	294.9	238.4	203.6	176.2	161.9	157.0	167.1	179.1	188.7	195.8
37,5°	577.4	489.5	406.7	338.6	282.9	229.4	186.5	172.2	159.3	156.0	172.3	186.5	197.8	213.8
40,0°	602.4	524.3	428.0	352.6	276.7	219.8	180.1	163.8	153.7	156.4	176.1	192.3	217.0	232.3
42,5°	610.9	530.9	448.7	370.7	278.2	215.8	176.8	157.5	145.0	155.5	174.3	199.4	232.2	245.1
45,0°	624.2	518.5	468.4	370.5	276.1	213.3	170.4	148.2	137.3	151.3	172.9	207.1	237.5	256.2
47,5°	602.5	529.9	461.1	355.6	274.4	212.8	170.0	143.0	129.3	147.3	170.0	205.4	240.5	263.6
50,0°	582.8	514.2	449.3	331.0	267.9	215.0	168.5	137.5	124.4	138.2	170.9	209.0	246.2	263.3
52,5°	578.8	502.3	418.3	325.9	256.8	218.1	163.4	132.0	115.4	131.7	171.1	215.6	254.4	262.7
55,0°	563.9	483.6	389.8	322.8	269.6	210.1	168.3	127.5	110.6	127.1	176.3	223.7	260.4	255.8
57,5°	518.0	463.1	358.6	318.5	252.2	205.6	159.5	119.7	103.5	116.6	169.8	224.0	259.3	248.2
60,0°	474.2	414.9	327.4	289.9	245.1	194.4	139.1	104.0	94.9	110.7	167.1	226.0	251.4	234.9
62,5°	431.0	369.8	305.4	248.5	216.8	172.6	131.0	97.3	84.6	100.2	151.4	197.5	222.3	211.7
65,0°	352.0	304.7	264.1	225.2	198.6	158.7	130.7	94.0	77.5	93.3	133.8	158.5	158.9	161.3
67,5°	281.8	243.8	208.3	185.3	173.9	160.4	120.8	85.4	69.7	84.2	118.0	130.9	105.7	96.5
70,0°	228.1	197.2	153.6	135.4	145.0	141.6	100.0	66.9	62.4	74.6	102.2	109.6	74.1	70.1
72,5°	178.8	154.1	120.5	101.3	97.1	93.2	68.6	45.9	44.5	53.8	60.9	65.7	44.7	54.0
75,0°	123.9	124.5	97.5	74.1	67.9	55.7	40.5	31.0	29.6	37.1	33.4	34.7	32.7	42.1
77,5°	87.9	84.0	61.8	52.8	42.1	34.0	28.8	24.3	21.7	22.7	22.2	23.5	24.1	26.1
80,0°	53.5	53.5	42.7	32.8	28.8	22.7	22.0	19.1	16.2	15.4	15.3	15.6	15.3	15.5
82,5°	29.6	28.8	23.3	19.1	16.5	14.6	13.6	12.7	10.8	10.3	9.8	9.6	9.5	9.5
85,0°	13.8	13.1	10.8	9.5	8.8	7.2	6.5	6.3	6.2	5.1	4.6	4.6	4.6	4.5
87,5°	3.1	2.9	2.6	2.4	1.7	1.9	1.8	1.7	1.8	1.5	1.5	1.5	1.4	1.5
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
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	0.0

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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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C- Ebenen	140°	145°	150°	155°	160°	165°	170°	175°	180°	185°	190°	195°	200°	205°
γ	Lichtstärke in cd/klm													
0,0°	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7
2,5°	204.0	202.1	201.8	201.3	201.0	200.1	199.2	198.8	197.8	197.9	198.5	197.6	196.9	198.5
5,0°	187.5	183.6	181.9	178.4	174.5	172.0	170.4	168.5	166.9	166.2	166.1	164.6	165.0	168.1
7,5°	175.1	169.8	164.0	160.2	157.9	155.1	151.7	150.6	148.2	147.7	147.0	145.7	146.2	147.5
10,0°	156.4	152.4	149.6	145.4	143.5	141.5	140.3	138.3	137.1	136.4	135.9	135.6	135.8	136.5
12,5°	151.9	145.9	142.9	141.0	139.5	136.2	134.8	133.3	131.8	130.5	128.6	127.3	126.8	126.4
15,0°	148.6	144.9	141.7	139.6	139.6	136.3	135.7	135.1	133.0	130.8	128.6	125.9	122.8	121.0
17,5°	146.9	143.8	143.3	143.9	145.9	144.6	144.2	142.9	140.5	138.2	133.4	129.6	125.9	121.3
20,0°	148.7	149.3	154.0	156.4	159.1	157.0	156.7	152.9	148.0	142.6	138.1	133.1	129.7	124.5
22,5°	156.8	160.0	165.4	166.9	169.0	167.7	167.9	166.0	158.6	150.2	143.3	140.4	136.6	129.7
25,0°	165.5	170.2	172.4	174.1	177.6	177.4	176.6	177.8	173.5	163.8	151.7	145.5	141.4	132.6
27,5°	170.9	175.3	179.5	184.1	188.9	191.6	192.6	191.1	186.0	177.4	155.2	140.0	133.3	128.8
30,0°	177.6	184.7	190.2	196.7	201.9	205.5	203.0	197.1	186.9	175.3	153.8	132.4	119.6	115.0
32,5°	189.2	198.0	204.4	210.3	210.5	205.9	198.9	193.3	187.9	174.8	154.9	132.2	117.1	104.5
35,0°	205.4	213.0	216.5	215.1	207.1	203.9	196.5	187.3	177.2	161.8	144.4	119.3	107.9	96.4
37,5°	222.5	225.4	225.0	216.4	210.0	201.3	188.9	179.6	166.3	155.6	136.9	113.4	97.7	85.9
40,0°	234.5	239.4	233.4	223.2	205.0	187.1	175.3	164.3	153.4	137.0	120.6	102.7	90.5	74.2
42,5°	246.7	247.5	238.8	214.9	193.6	179.4	164.1	150.1	140.6	130.7	110.8	94.2	83.5	68.4
45,0°	261.8	249.7	230.5	210.7	197.6	174.5	162.5	139.9	122.6	123.0	101.3	86.8	70.6	66.1
47,5°	254.8	246.7	233.3	210.6	206.8	185.1	163.2	131.9	113.3	111.3	93.3	77.3	64.1	62.9
50,0°	253.1	244.6	236.0	211.1	214.0	174.0	154.7	119.5	101.7	93.3	76.3	72.2	57.6	58.1
52,5°	249.6	248.4	235.8	208.5	203.5	162.7	127.6	106.8	98.6	83.6	69.8	66.3	52.8	51.1
55,0°	239.0	239.6	214.7	209.2	202.6	149.1	118.5	104.0	93.5	70.6	63.8	56.7	51.2	46.7
57,5°	229.6	212.9	194.4	214.8	202.7	151.5	126.1	98.3	72.0	60.2	56.2	51.3	51.8	44.0
60,0°	220.0	200.4	194.5	219.6	190.7	145.5	112.7	81.6	61.4	53.0	48.4	47.0	47.9	39.6
62,5°	215.5	207.3	194.8	212.5	161.5	136.8	104.2	69.6	53.4	48.1	41.2	39.5	37.2	36.4
65,0°	169.4	208.8	211.1	183.1	132.1	104.1	84.7	57.4	44.4	40.7	35.5	34.1	33.0	33.5
67,5°	136.7	157.8	179.9	161.5	116.9	85.6	73.1	46.4	38.7	34.0	31.2	30.6	30.1	29.9
70,0°	86.0	105.8	117.2	110.0	93.6	69.0	62.4	35.7	33.4	28.6	27.6	27.3	27.0	27.0
72,5°	59.5	66.7	60.1	61.7	50.6	35.1	32.8	27.7	27.1	24.0	23.6	23.4	23.3	23.3
75,0°	41.3	34.8	39.5	31.6	26.9	24.9	24.2	22.2	21.0	19.8	19.6	19.5	19.5	19.5
77,5°	24.5	26.0	23.1	21.1	20.0	19.1	18.6	16.6	15.8	15.5	15.3	15.3	15.3	15.3
80,0°	14.9	14.9	14.8	14.6	14.0	13.5	12.9	11.8	11.3	11.1	11.0	11.1	11.1	11.1
82,5°	9.6	9.6	9.6	9.4	9.0	8.6	8.1	7.7	7.5	7.4	7.4	7.4	7.4	7.4
85,0°	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.3	4.3	4.4	4.4	4.4	4.4
87,5°	1.5	1.6	1.5	1.6	1.6	1.7	1.8	1.8	1.9	2.0	2.1	2.2	2.2	2.2
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
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	0.0

Lichttechnischer Prüfbefund

Familie DL® 50 midi LED	Bestell-Nr.: 5XA2492D1B08A6 EAN: 4058352363430	LP-Nummer 58917_5
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	210°	215°	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°	275°
γ	Lichtstärke in cd/klm													
0,0°	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7
2,5°	200.6	201.2	201.7	203.5	205.1	207.2	208.6	208.9	209.8	210.5	211.7	212.7	215.3	218.3
5,0°	170.7	171.9	174.8	177.7	182.4	186.4	191.6	194.1	196.3	198.9	202.4	207.2	209.7	211.7
7,5°	147.8	151.4	154.4	157.9	162.3	167.3	173.0	183.6	192.2	196.0	201.7	205.5	203.9	207.9
10,0°	137.4	138.3	139.0	142.2	145.0	149.2	155.2	161.4	173.4	185.9	194.1	201.7	204.1	199.1
12,5°	126.3	126.7	125.6	124.5	127.7	131.0	138.8	145.1	154.9	164.0	175.8	187.2	184.2	183.1
15,0°	119.4	117.4	114.3	112.9	114.2	114.9	119.7	127.7	137.6	144.6	152.7	163.4	168.0	168.7
17,5°	117.0	113.7	108.6	103.3	101.4	102.4	104.8	108.9	118.8	126.4	135.0	144.4	149.9	152.6
20,0°	118.3	113.2	103.2	95.7	94.3	95.1	96.6	100.2	106.2	111.1	119.1	132.1	138.9	145.6
22,5°	119.4	111.3	98.8	89.1	88.0	88.9	90.8	93.7	98.0	103.6	110.9	122.8	135.7	139.6
25,0°	120.0	107.6	91.2	83.3	84.1	86.5	90.1	93.3	96.8	100.3	106.6	118.0	130.0	138.3
27,5°	116.6	101.3	83.6	78.5	80.6	85.6	90.3	93.3	96.0	100.5	108.1	117.9	127.5	135.8
30,0°	107.6	92.8	79.0	75.7	78.2	84.2	91.5	94.4	96.9	100.3	109.7	120.5	124.5	129.9
32,5°	92.6	83.2	77.3	76.0	78.7	82.3	89.1	94.9	96.1	99.8	110.7	124.4	126.6	126.1
35,0°	78.7	75.9	75.7	76.5	79.8	81.3	85.5	91.0	95.4	99.6	112.5	125.9	126.9	120.9
37,5°	71.5	72.3	74.6	76.9	77.1	80.0	85.0	88.3	95.7	97.1	107.2	120.1	120.6	109.7
40,0°	68.5	69.5	75.0	76.0	73.7	79.0	83.8	86.9	93.3	97.1	103.5	111.6	109.6	100.6
42,5°	68.8	73.6	76.2	74.0	73.7	75.8	78.7	82.8	90.3	93.1	96.0	104.8	100.3	92.8
45,0°	73.5	82.7	78.9	76.9	72.6	72.7	72.8	74.6	80.0	84.1	88.9	95.2	92.1	86.5
47,5°	69.3	80.6	79.1	80.4	69.9	67.3	67.3	70.1	76.0	78.2	81.1	85.1	81.9	81.1
50,0°	64.0	70.0	78.7	84.3	72.7	68.9	65.0	65.3	71.8	72.9	71.2	75.4	76.0	75.1
52,5°	56.5	60.1	71.4	79.0	78.6	76.2	64.0	59.7	65.4	65.0	63.2	64.4	66.4	67.5
55,0°	46.6	51.6	60.7	71.5	82.6	80.3	67.7	56.1	56.6	56.9	56.0	58.5	58.0	61.4
57,5°	43.6	44.1	50.9	55.3	69.0	71.2	61.5	51.0	51.1	50.5	50.1	51.4	52.0	54.0
60,0°	40.8	40.3	42.8	46.5	52.8	52.2	51.0	45.7	45.5	45.8	46.5	47.3	46.3	48.3
62,5°	38.0	40.4	39.9	39.9	38.9	39.1	40.0	40.3	39.6	41.0	41.3	42.8	40.4	41.7
65,0°	34.0	34.4	34.2	33.5	33.5	33.8	34.1	34.9	34.6	37.4	37.5	38.3	35.8	37.2
67,5°	29.8	30.4	30.8	31.5	29.7	30.1	29.8	31.2	30.4	32.0	34.5	34.4	32.4	31.1
70,0°	27.1	26.8	27.2	27.7	27.0	25.9	25.8	25.9	26.8	26.6	28.3	29.2	29.2	26.7
72,5°	24.2	22.9	22.5	22.2	22.1	22.2	21.5	21.9	22.5	21.9	21.5	22.7	22.0	22.4
75,0°	19.7	19.1	18.8	18.5	18.2	18.0	17.7	17.6	18.0	17.9	17.4	17.2	17.2	18.0
77,5°	15.2	15.1	14.9	14.7	14.4	14.2	13.9	13.7	13.9	13.9	13.4	13.2	13.2	13.4
80,0°	11.1	11.0	10.9	10.8	10.6	10.4	10.2	10.0	10.2	10.1	9.7	9.5	9.5	9.6
82,5°	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.8	6.9	6.5	6.4	6.3	6.2
85,0°	4.4	4.3	4.3	4.2	4.1	4.0	3.9	3.9	3.8	3.8	3.7	3.6	3.5	3.4
87,5°	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.7	1.7	1.6	1.5	1.4	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	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	0.0

Lichttechnischer Prüfbefund

Familie DL® 50 midi LED	Bestell-Nr.: 5XA2492D1B08A6 EAN: 4058352363430	LP-Nummer 58917_5
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	330°	335°	340°	345°
γ	Lichtstärke in cd/klm													
0,0°	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7	226.7
2,5°	220.5	223.5	226.5	230.9	234.6	238.1	241.0	242.1	244.8	248.7	250.2	251.9	253.1	255.4
5,0°	213.0	213.9	216.8	222.6	227.1	232.2	235.9	240.5	246.3	253.1	255.6	256.8	257.6	262.5
7,5°	207.9	203.3	204.6	209.7	212.3	216.2	224.3	230.5	238.8	248.5	252.6	255.8	258.8	266.4
10,0°	195.4	191.7	194.6	196.3	200.1	208.7	215.4	225.2	232.8	239.9	244.8	250.9	256.4	263.2
12,5°	180.3	180.6	185.8	188.2	191.8	196.4	199.7	209.6	222.9	229.4	241.6	245.3	250.5	259.9
15,0°	168.1	171.6	180.0	181.0	183.4	190.1	198.3	206.6	222.1	228.7	228.0	235.0	246.2	264.1
17,5°	157.6	164.8	171.9	178.0	179.1	182.7	199.1	203.6	202.1	209.2	218.5	228.0	235.8	259.0
20,0°	150.0	159.0	168.2	169.9	172.2	178.3	180.5	187.1	192.5	200.5	211.5	220.5	241.3	267.7
22,5°	145.7	150.2	152.8	159.0	162.6	167.9	170.1	167.8	176.2	186.9	202.1	217.7	236.9	259.9
25,0°	141.8	141.9	144.8	149.1	150.3	152.9	153.6	154.7	166.7	184.3	200.4	221.0	246.6	269.9
27,5°	132.4	133.8	135.6	136.6	138.3	138.5	143.2	149.3	155.5	177.3	200.1	222.7	240.3	265.7
30,0°	127.2	121.6	127.2	124.8	127.9	131.2	134.0	141.8	148.7	167.6	197.4	224.0	239.4	265.8
32,5°	117.9	111.0	111.7	113.8	114.3	116.7	124.3	135.2	140.0	155.5	186.8	220.5	244.3	266.7
35,0°	107.0	102.1	103.7	102.8	102.3	106.8	115.7	124.1	135.4	148.1	173.9	215.4	247.8	271.4
37,5°	100.1	94.1	96.8	95.8	94.9	98.6	106.0	114.8	127.4	138.4	158.0	204.1	248.1	273.0
40,0°	91.9	88.3	92.2	90.9	89.0	90.8	97.2	109.2	121.5	133.4	147.3	192.5	245.3	280.6
42,5°	87.9	83.9	83.5	83.5	83.6	84.8	88.5	99.2	115.8	125.7	141.5	174.4	235.8	288.9
45,0°	82.5	77.9	75.9	76.7	77.5	78.4	82.5	92.0	105.5	120.4	134.3	156.8	223.8	286.2
47,5°	78.8	72.3	71.7	71.8	70.8	72.7	76.7	85.8	98.3	115.5	126.6	143.1	206.8	274.7
50,0°	73.0	66.1	65.0	65.0	64.7	67.5	71.7	80.2	93.4	107.9	115.2	131.5	186.8	267.8
52,5°	65.8	60.1	59.9	60.2	60.0	62.6	67.9	72.3	85.0	97.0	105.8	117.7	160.0	250.0
55,0°	59.4	55.5	54.8	55.5	55.5	57.8	62.6	66.8	74.6	86.0	94.7	104.0	133.9	231.7
57,5°	54.1	51.4	50.0	51.0	51.0	53.4	56.6	60.3	65.6	73.5	81.3	90.2	116.1	188.2
60,0°	49.6	46.0	45.0	45.8	47.3	49.9	52.0	54.3	58.4	64.8	70.3	78.3	98.6	145.4
62,5°	42.9	40.1	39.3	39.7	41.8	43.8	47.0	48.0	51.6	55.7	60.7	66.2	80.6	110.5
65,0°	36.9	36.3	35.4	35.9	36.9	38.4	41.4	42.8	45.6	47.8	53.3	59.4	70.7	89.4
67,5°	32.6	31.8	31.3	31.1	32.4	33.8	35.7	37.4	39.2	40.5	45.6	50.4	62.6	80.1
70,0°	27.4	27.3	27.0	27.2	28.0	29.4	30.9	32.5	33.5	34.1	38.6	41.3	52.6	73.9
72,5°	22.6	22.2	22.4	22.7	23.2	24.7	26.4	27.3	27.6	28.0	30.9	34.6	39.3	57.7
75,0°	18.0	17.8	18.0	18.3	18.8	19.6	21.0	22.4	21.9	22.4	23.7	27.3	29.9	41.1
77,5°	13.8	13.5	13.8	14.1	14.3	14.6	15.8	17.4	17.2	17.1	18.2	20.1	23.2	25.6
80,0°	9.6	9.5	9.6	9.8	9.8	9.9	11.2	13.2	12.4	12.4	13.5	14.5	16.5	18.4
82,5°	6.2	6.2	6.2	6.1	6.1	6.3	6.9	7.7	7.7	8.0	8.4	9.1	9.6	10.7
85,0°	3.3	3.3	3.2	3.2	3.2	3.3	3.5	3.7	3.9	4.0	4.2	4.5	4.9	5.2
87,5°	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.5	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	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	0.0

Lichttechnischer Prüfbefund

Familie DL® 50 midi LED	Bestell-Nr.: 5XA2492D1B08A6 EAN: 4058352363430	LP-Nummer 58917_5
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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	sITeco
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C- Ebenen	350°	355°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm		Lichtstrom in lm/klm	
0,0°	226.7	226.7	0.3	0.3
2,5°	257.1	257.5	2.7	3.1
5,0°	267.8	272.9	5.4	8.5
7,5°	274.5	282.6	8.2	16.6
10,0°	272.4	281.8	10.8	27.4
12,5°	274.5	288.8	13.3	40.7
15,0°	284.1	300.0	16.0	56.8
17,5°	287.0	305.4	18.7	75.4
20,0°	278.5	301.5	21.3	96.8
22,5°	289.9	322.9	24.5	121.3
25,0°	295.8	336.6	27.9	149.2
27,5°	301.1	345.4	31.3	180.5
30,0°	301.3	344.9	34.7	215.2
32,5°	304.4	344.7	37.6	252.8
35,0°	312.7	363.1	40.0	292.8
37,5°	333.7	366.8	42.3	335.1
40,0°	341.8	373.7	44.7	379.8
42,5°	331.5	388.5	46.3	426.2
45,0°	329.9	397.8	47.8	474.0
47,5°	316.2	379.1	49.0	523.0
50,0°	314.2	376.8	49.8	572.8
52,5°	304.6	377.4	49.8	622.7
55,0°	296.0	378.9	50.2	672.8
57,5°	258.9	348.6	49.8	722.6
60,0°	218.9	289.0	48.4	771.1
62,5°	173.1	224.4	45.8	816.9
65,0°	136.4	181.3	42.1	859.0
67,5°	106.7	160.6	38.2	897.2
70,0°	89.2	149.5	33.8	931.0
72,5°	71.5	107.0	27.0	958.0
75,0°	49.6	63.9	18.9	976.9
77,5°	32.5	39.3	11.2	988.2
80,0°	19.8	23.0	6.2	994.3
82,5°	11.8	13.7	3.5	997.8
85,0°	5.6	6.1	1.6	999.5
87,5°	1.6	1.7	0.5	1000.0
90,0°	0.0	0.0	0.0	1000.0
180,0°	0.0	0.0	0.0	1000.0

Lichttechnischer Prüfbefund

Familie DL® 50 midi LED	Bestell-Nr.: 5XA2492D1B08A6 EAN: 4058352363430	LP-Nummer 58917_5
Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
siteco		

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	10970	116.4	123.4	119.9
95	241	10409	108.9	115.4	112.2
90	229	9890	102.2	108.3	105.3
85	216	9329	95.3	100.9	98.1
80	203	8767	88.5	93.7	91.1
75	190	8206	81.9	86.7	84.3
70	178	7688	76.0	80.3	78.2
65	165	7126	69.7	73.6	71.6
60	152	6565	63.6	67.2	65.4
55	140	6046	58.1	61.3	59.7
50	127	5485	52.2	55.1	53.7
45	114	4924	46.4	49.0	47.7
40	102	4405	41.3	43.6	42.4
35	89	3844	36.2	38.0	37.1
30	76	3282	30.9	32.5	31.7
25	63	2721	25.6	26.8	26.2
20	51	2203	20.7	21.7	21.2
15	38	1641	15.0	15.9	15.5