

Lichttechnischer Prüfbefund

Familie
DL 500 iQ

Bestell-Nr.: 5XJ3AE3AD108
EAN: 4069025316912

LP-Nummer
59076_3574



Ausführung Mastansatz- / Mastaufsatzmontage
Optik direkt, asymmetrisch breit strahlend
 S100003
Abdeckung Abschlußscheibe, plan, bedruckt
Bestückung LED 3000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 8110 lm
 Systemleistung = 59.8 W
 Lichtausbeute = 135.6 lm/W

Seriendokumentation
24.07.2025

siteco

Lichtstärke in cd/klm

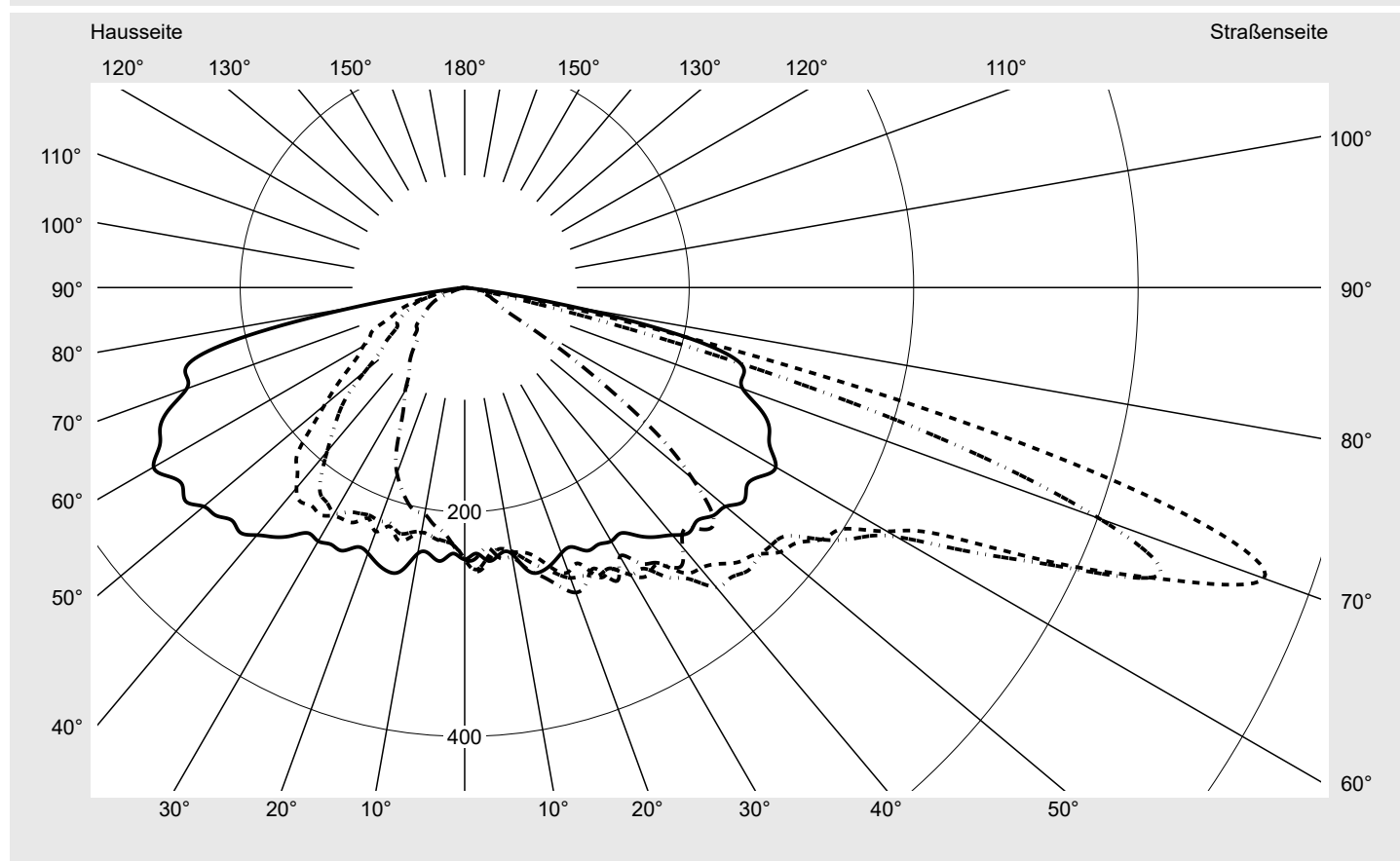
C180-0

C205-25

C210-30

C270-90

Imax: 758 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G3
Imax 70°	757.8
Imax 80°	95.1
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie
DL 500 iQ

Bestell-Nr.: 5XJ3AE3AD108
EAN: 4069025316912

LP-Nummer
59076_3574

Kegelmantelkurven in cd/klm

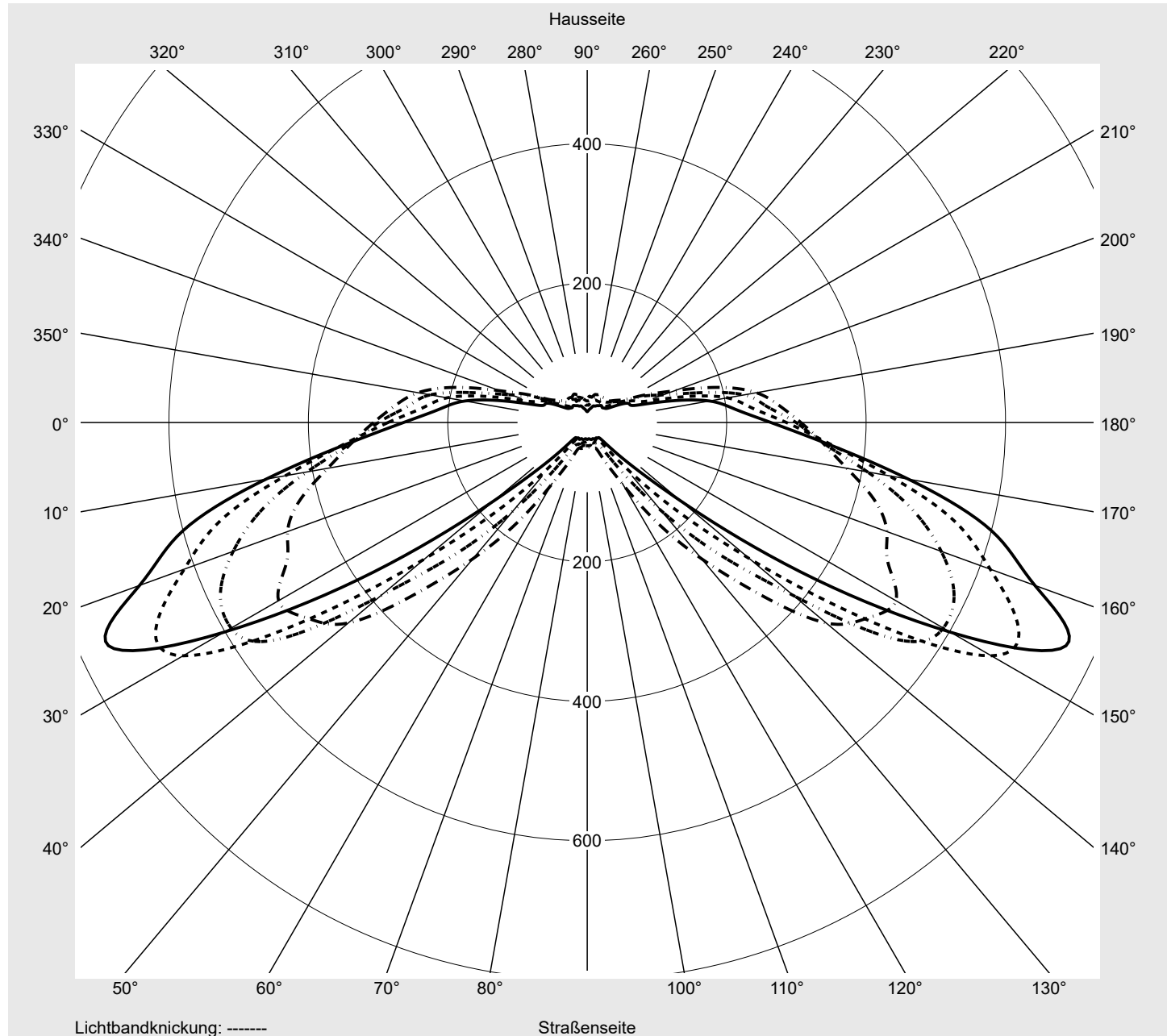
KMK 70°

KMK 67,5°

KMK 65°

KMK 62,5°

siteco



Lichttechnischer Prüfbefund

Familie DL 500 iQ				Bestell-Nr.: 5XJ3AE3AD108 EAN: 4069025316912								LP-Nummer 59076_3574	
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°	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2
2,5°	237.2	240.2	243.6	247.1	250.1	253.3	251.5	253.0	253.9	252.9	249.2	247.7	247.6
5,0°	244.6	247.2	246.5	245.5	245.0	244.3	240.5	238.5	236.3	236.3	235.1	233.7	233.4
7,5°	239.7	245.1	248.3	244.6	238.3	235.0	234.8	231.4	230.3	234.8	234.3	239.5	238.7
10,0°	240.7	249.2	251.4	243.9	239.9	238.9	238.4	242.1	240.6	240.8	243.3	249.6	251.2
12,5°	258.0	251.3	242.2	234.8	236.0	241.7	247.8	251.1	250.2	252.7	253.4	256.8	257.4
15,0°	262.2	249.0	244.4	246.5	247.0	249.2	257.5	261.4	264.2	266.4	265.5	261.6	261.2
17,5°	258.3	251.3	248.4	253.2	259.5	262.9	266.6	264.1	266.6	271.6	270.9	268.4	275.4
20,0°	251.9	249.8	249.6	255.8	262.8	269.8	275.4	276.2	274.3	273.3	279.4	281.1	281.7
22,5°	250.2	252.4	255.0	266.6	270.7	266.2	278.1	280.2	283.2	284.7	277.3	280.4	284.0
25,0°	258.8	258.1	263.4	267.5	275.0	285.0	283.0	287.9	292.3	291.9	288.1	291.2	291.4
27,5°	258.1	259.3	264.2	271.8	275.5	283.2	282.1	292.3	297.8	295.7	295.0	295.6	295.2
30,0°	261.0	264.7	278.4	274.8	287.8	295.8	295.6	301.4	307.5	307.5	302.4	301.2	298.5
32,5°	259.5	271.5	275.0	285.5	290.4	303.8	296.9	312.8	318.7	323.5	314.1	299.9	297.4
35,0°	270.2	277.9	282.4	285.4	294.7	301.1	315.2	320.4	320.7	320.8	310.6	315.9	307.3
37,5°	280.1	288.9	291.9	300.1	302.5	320.5	327.1	330.1	327.2	324.3	312.1	312.9	322.0
40,0°	288.0	294.9	294.8	301.0	311.0	326.6	348.4	339.0	340.9	323.5	314.9	336.9	331.0
42,5°	296.1	297.5	298.1	316.3	327.4	334.0	350.7	340.8	336.4	326.9	332.4	337.9	345.0
45,0°	293.4	307.2	308.2	316.1	329.3	345.7	356.8	343.0	340.7	351.3	353.6	361.0	358.7
47,5°	300.6	307.3	314.8	328.8	344.9	352.0	355.2	354.7	351.0	370.6	372.7	358.6	351.6
50,0°	303.5	304.1	310.6	329.1	357.1	366.7	357.0	357.9	374.0	384.7	373.8	352.0	342.3
52,5°	313.1	308.3	311.4	326.1	362.1	373.6	363.6	377.1	396.3	399.9	374.1	343.5	326.4
55,0°	307.1	316.8	324.7	337.2	363.3	390.4	392.0	402.7	402.8	386.8	366.3	344.1	310.0
57,5°	313.1	325.8	337.5	353.8	370.6	400.3	415.2	426.0	418.2	382.6	371.0	318.2	258.7
60,0°	320.0	336.4	356.7	382.3	399.2	434.6	444.2	455.3	436.4	397.2	321.8	253.6	192.9
62,5°	306.5	339.5	378.1	425.8	457.4	476.0	511.2	489.6	447.5	347.0	255.1	175.8	103.5
65,0°	299.6	340.0	408.3	483.0	540.4	580.6	589.8	543.1	386.3	266.9	165.4	84.9	43.0
67,5°	285.8	348.9	439.6	545.0	615.1	681.0	669.3	499.2	304.3	169.4	77.8	34.0	31.0
70,0°	263.6	344.2	467.8	600.6	683.4	757.8	601.6	373.8	175.0	76.2	32.7	27.1	25.4
72,5°	260.2	352.1	495.4	595.6	690.0	674.7	438.4	194.3	80.1	34.9	24.8	22.8	22.3
75,0°	251.4	355.3	453.9	502.5	563.4	449.7	222.3	65.9	33.6	23.0	18.2	18.2	18.1
77,5°	197.9	250.8	269.9	280.6	272.8	192.3	58.2	20.2	16.5	16.7	17.0	14.7	13.0
80,0°	95.1	86.3	83.1	87.4	87.1	61.8	14.5	10.9	9.9	10.1	14.8	9.2	8.4
82,5°	19.9	14.9	10.6	15.6	24.6	15.4	6.7	8.0	5.4	4.5	5.7	4.8	5.3
85,0°	1.2	1.1	1.6	1.3	1.6	1.7	1.9	2.0	2.1	1.8	1.8	1.6	1.8
87,5°	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.5	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

Lichttechnischer Prüfbefund

Familie DL 500 iQ				Bestell-Nr.: 5XJ3AE3AD108 EAN: 4069025316912								LP-Nummer 59076_3574		
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°	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	
2,5°	246.5	245.6	245.8	243.2	241.6	241.0	237.5	234.9	231.4	229.7	229.1	229.7	228.7	
5,0°	231.5	228.9	230.8	232.5	234.2	232.7	235.6	233.9	229.2	227.3	227.0	226.3	224.2	
7,5°	238.9	237.7	239.2	239.1	238.8	243.3	233.9	231.9	226.6	222.4	224.0	223.5	219.5	
10,0°	251.1	250.4	247.0	246.6	242.9	244.2	232.6	230.0	230.1	225.8	221.6	221.1	218.9	
12,5°	255.3	254.8	254.6	255.0	256.4	256.8	251.6	236.9	233.3	228.9	228.6	223.7	220.7	
15,0°	261.0	263.4	264.6	269.2	266.7	266.5	251.8	236.5	234.4	231.8	232.1	226.4	214.7	
17,5°	273.5	269.8	271.0	269.3	274.0	278.7	254.8	236.7	230.6	229.6	223.0	220.4	211.5	
20,0°	277.0	273.8	278.5	273.5	277.4	289.2	253.6	246.1	236.7	232.5	231.4	221.3	218.5	
22,5°	283.3	280.0	281.4	274.0	278.9	284.1	258.2	245.1	237.3	231.5	223.1	220.1	214.1	
25,0°	291.6	289.2	282.7	284.9	281.8	276.4	256.1	253.5	245.1	231.6	230.7	222.1	220.2	
27,5°	291.0	297.1	284.7	284.4	283.7	294.6	253.8	262.2	247.2	243.6	233.3	225.6	220.2	
30,0°	299.4	285.0	290.4	287.0	284.1	276.6	260.1	262.3	252.5	242.6	235.0	232.1	216.3	
32,5°	303.1	294.9	292.6	291.3	291.6	291.4	267.1	268.3	257.6	249.2	239.9	227.8	207.5	
35,0°	305.6	303.8	309.8	304.1	309.8	299.5	265.1	272.9	264.3	257.9	237.6	224.2	192.7	
37,5°	327.6	321.4	316.6	327.0	311.9	314.4	267.5	273.9	266.0	253.1	240.5	209.6	171.7	
40,0°	335.6	329.6	322.7	314.6	317.2	302.1	280.5	272.5	268.4	257.7	233.1	190.7	159.6	
42,5°	344.1	323.1	317.5	312.8	305.5	291.3	285.6	276.8	274.2	255.0	220.5	173.7	147.1	
45,0°	334.8	321.1	311.8	310.6	303.9	304.9	290.4	275.0	272.0	249.5	211.3	158.5	132.3	
47,5°	329.8	320.9	301.3	306.7	283.3	299.9	289.6	280.3	276.9	239.7	185.9	140.8	119.7	
50,0°	322.5	303.3	286.7	277.3	266.1	264.8	299.6	279.3	263.2	226.2	163.0	115.2	100.4	
52,5°	304.5	279.5	254.9	243.3	227.8	220.6	304.6	284.5	261.5	202.5	144.2	95.6	87.7	
55,0°	271.9	232.3	195.4	182.8	167.1	154.6	302.4	281.2	248.9	189.5	126.0	87.0	82.7	
57,5°	205.3	164.9	136.9	107.6	100.1	94.8	295.7	276.1	229.0	169.2	112.1	76.9	69.4	
60,0°	135.3	91.2	69.1	54.0	51.1	48.0	295.6	255.4	206.1	148.6	104.2	69.2	64.4	
62,5°	63.8	41.6	38.3	37.4	35.9	35.9	276.8	246.4	194.9	133.5	95.3	67.9	56.0	
65,0°	34.8	33.0	36.1	33.5	33.3	33.3	259.4	228.7	165.0	116.1	89.9	62.4	52.0	
67,5°	28.3	30.3	30.4	29.0	28.2	27.1	237.7	204.2	142.9	89.0	74.0	56.7	44.9	
70,0°	26.6	24.6	25.1	24.3	23.4	24.3	214.1	178.1	117.5	71.7	65.1	49.6	35.8	
72,5°	20.9	22.8	22.1	20.1	20.0	18.5	199.3	149.2	98.9	60.6	55.2	45.6	31.0	
75,0°	18.0	17.9	18.1	15.7	15.1	15.9	176.2	102.0	69.4	40.3	40.9	34.6	28.7	
77,5°	14.2	13.9	12.6	12.2	11.3	11.2	100.8	18.4	18.7	26.1	24.0	21.5	20.6	
80,0°	9.5	8.9	8.4	8.0	6.9	6.7	38.7	5.8	7.9	14.6	11.5	12.5	10.7	
82,5°	4.7	5.0	4.6	3.8	3.5	3.5	7.8	3.4	3.6	6.4	5.1	4.4	4.3	
85,0°	2.1	1.9	1.8	1.5	1.1	1.5	1.2	1.1	1.1	1.1	1.1	1.1	0.9	
87,5°	0.4	0.4	0.4	0.3	0.3	0.7	0.3	0.2	0.3	0.3	0.2	0.2	0.1	
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 DL 500 iQ				Bestell-Nr.: 5XJ3AE3AD108 EAN: 4069025316912								LP-Nummer 59076_3574	
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°	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	242.2	0.4	0.4
2,5°	228.8	228.3	228.5	228.0	228.0	228.7	228.7	231.0	230.4	231.6	230.0	2.9	3.2
5,0°	224.8	225.1	221.3	223.3	220.3	219.6	217.9	216.2	216.4	215.3	218.6	5.5	8.7
7,5°	220.9	217.1	216.6	214.6	211.5	209.0	207.0	206.4	212.3	211.0	212.9	8.2	16.9
10,0°	212.8	212.3	211.5	209.7	207.2	204.3	201.1	201.2	202.8	204.7	205.0	10.9	27.9
12,5°	217.1	216.0	210.6	208.5	204.9	207.1	208.1	204.9	204.6	202.9	203.9	13.9	41.8
15,0°	211.1	211.6	209.7	208.3	208.4	199.1	197.1	199.6	201.2	197.7	197.5	16.9	58.7
17,5°	211.3	207.4	206.9	203.8	201.8	202.0	195.0	187.2	191.9	191.4	187.7	19.7	78.4
20,0°	213.6	205.7	202.9	195.4	190.5	187.5	184.4	179.4	172.2	171.5	176.2	22.5	100.9
22,5°	212.9	210.7	194.4	186.3	177.3	171.4	168.7	164.9	160.5	160.6	159.6	25.0	125.9
25,0°	207.0	196.3	186.3	173.2	173.2	166.6	162.4	151.7	148.3	140.9	134.3	27.8	153.7
27,5°	205.7	183.9	171.4	164.0	160.4	151.4	145.5	135.8	126.3	118.7	117.1	30.1	183.8
30,0°	186.6	174.1	167.0	162.4	148.6	139.7	122.7	116.4	109.9	107.3	105.9	32.6	216.3
32,5°	175.3	165.5	162.0	143.4	132.8	123.0	112.7	104.0	100.1	96.4	92.3	35.0	251.3
35,0°	168.9	162.9	151.7	132.5	123.6	110.4	102.5	95.4	88.8	88.3	86.2	37.5	288.8
37,5°	154.1	150.9	143.5	124.9	111.8	100.4	94.1	85.8	82.5	77.7	79.4	40.1	328.9
40,0°	146.7	143.1	129.9	114.4	102.6	93.9	81.3	76.5	72.4	72.8	70.8	42.4	371.3
42,5°	142.1	129.9	121.4	103.1	90.1	80.9	72.5	69.7	70.3	66.8	63.1	44.2	415.5
45,0°	124.3	119.9	105.6	93.4	78.6	73.7	68.4	68.6	64.0	63.1	64.5	46.2	461.7
47,5°	112.2	105.5	95.1	80.2	69.5	67.1	63.7	61.0	61.9	62.9	58.3	47.7	509.4
50,0°	97.1	86.2	81.0	69.9	65.2	62.2	59.9	57.5	58.2	56.9	55.7	48.2	557.6
52,5°	81.4	76.9	71.9	64.5	61.2	57.0	55.7	54.0	52.9	51.0	53.4	48.5	606.2
55,0°	72.4	66.4	64.2	58.5	55.6	52.3	52.1	49.6	48.4	46.8	46.3	47.9	654.0
57,5°	63.8	60.2	56.0	51.2	50.2	51.5	48.3	47.3	44.5	43.7	41.9	46.4	700.4
60,0°	52.9	50.5	50.6	46.0	48.1	46.5	47.5	42.4	40.8	41.6	38.9	44.7	745.2
62,5°	49.0	44.0	43.6	43.5	43.0	44.9	42.5	41.4	36.9	37.8	35.1	43.7	788.8
65,0°	46.0	41.2	39.4	40.3	38.3	37.3	38.4	37.2	34.9	32.2	31.0	43.4	832.2
67,5°	36.6	34.3	35.2	34.3	34.4	34.1	34.2	31.5	29.4	25.2	25.2	42.6	874.8
70,0°	32.1	30.4	31.6	29.6	27.9	26.0	25.2	21.7	19.5	17.0	15.7	39.8	914.6
72,5°	26.7	27.4	25.8	25.7	21.0	20.1	16.5	13.8	12.3	12.4	11.0	35.2	949.9
75,0°	21.8	21.8	21.8	20.0	15.4	14.0	12.0	9.0	7.9	7.7	7.0	27.3	977.2
77,5°	15.9	14.8	13.6	12.0	9.9	8.9	7.1	5.2	3.1	2.1	2.4	15.0	992.2
80,0°	7.8	7.4	6.6	6.1	5.8	5.3	3.8	2.4	1.3	0.7	1.0	5.8	998.0
82,5°	3.2	2.6	2.4	3.5	2.9	2.3	1.6	0.9	0.4	0.3	0.2	1.7	999.6
85,0°	0.8	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.1	0.0	0.1	0.3	999.9
87,5°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	1000.0

Lichttechnischer Prüfbefund

Familie DL 500 iQ	Bestell-Nr.: 5XJ3AE3AD108 EAN: 4069025316912	LP-Nummer 59076_3574
Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
		siteco

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	8110	59.8	66.2	63.0
95	241	252	7695	55.7	61.6	58.6
90	229	250	7312	52.2	57.5	54.8
85	216	248	6897	48.5	53.4	51.0
80	203	246	6482	44.9	49.5	47.2
75	190	243	6067	41.5	45.7	43.6
70	178	241	5683	38.4	42.2	40.3
65	165	238	5268	35.0	38.6	36.8
60	152	235	4853	31.8	35.0	33.4
55	140	232	4470	28.9	31.9	30.4
50	127	229	4055	25.9	28.5	27.2
45	114	225	3640	23.0	25.3	24.2
40	102	221	3257	20.5	22.4	21.4
35	89	216	2842	17.8	19.5	18.6
30	76	210	2427	15.3	16.7	16.0
25	63	203	2012	12.9	14.0	13.4
20	51	195	1628	10.8	11.7	11.2
15	38	184	1213	8.5	9.1	8.8
13	32	178	1022	7.5	8.0	7.8