

Lichttechnischer Prüfbefund

Familie
DL 11 iQ

Bestell-Nr.: 5XA5575RF108000022
EAN: 4058352957103

LP-Nummer
59374_109

Seriendokumentation
01.02.2024



Ausführung Leuchteneinsatz LED, Siteco® eisenglimmer (DB 702S), Mastaufsatz- oder Montage am Wandausleger

Optik symmetrisch, breit strahlend (PL1.2s)

Abdeckung Abdeckung klar, PMMA

Bestückung LED 4000 K | CRI ≥ 70

Betriebsgerät EVG SITECO iQ

Bemessungswerte Nettolichtstrom = 2850 lm
Systemleistung = 18.5 W
Lichtausbeute = 154.1 lm/W

siteco

Lichtstärke in cd/klm

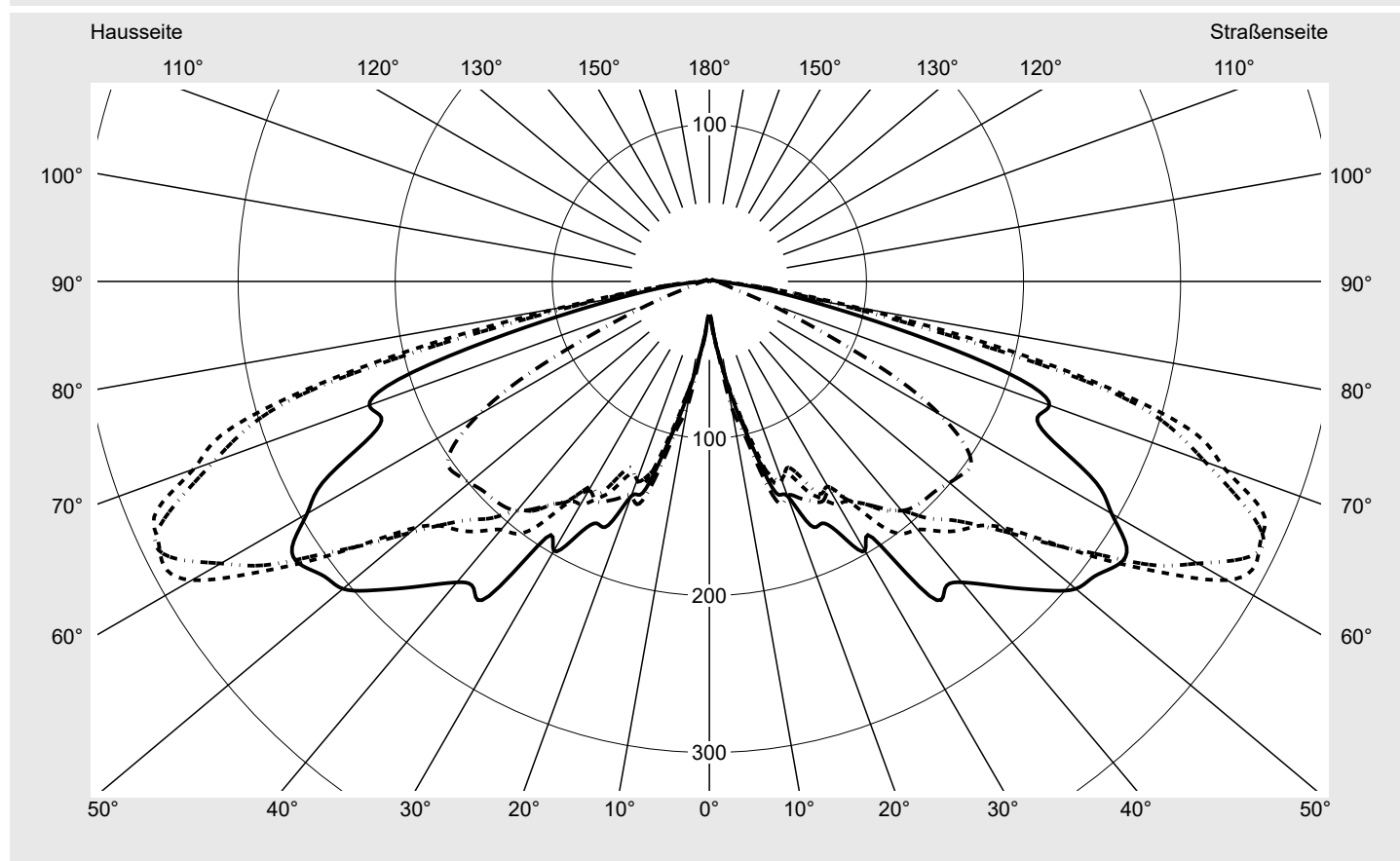
C180-0

C200-20

C205-25

C270-90

Imax: 392 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	98.8%
Eta 90° - 180°	1.2%

Lichtstärkeklasse nach EN13201-2

Klasse:	G3
Imax 70°	349.4
Imax 80°	94.8
Imax 90°	7.3
Imax >90°	4.7
Imax >95°	3.7

Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm

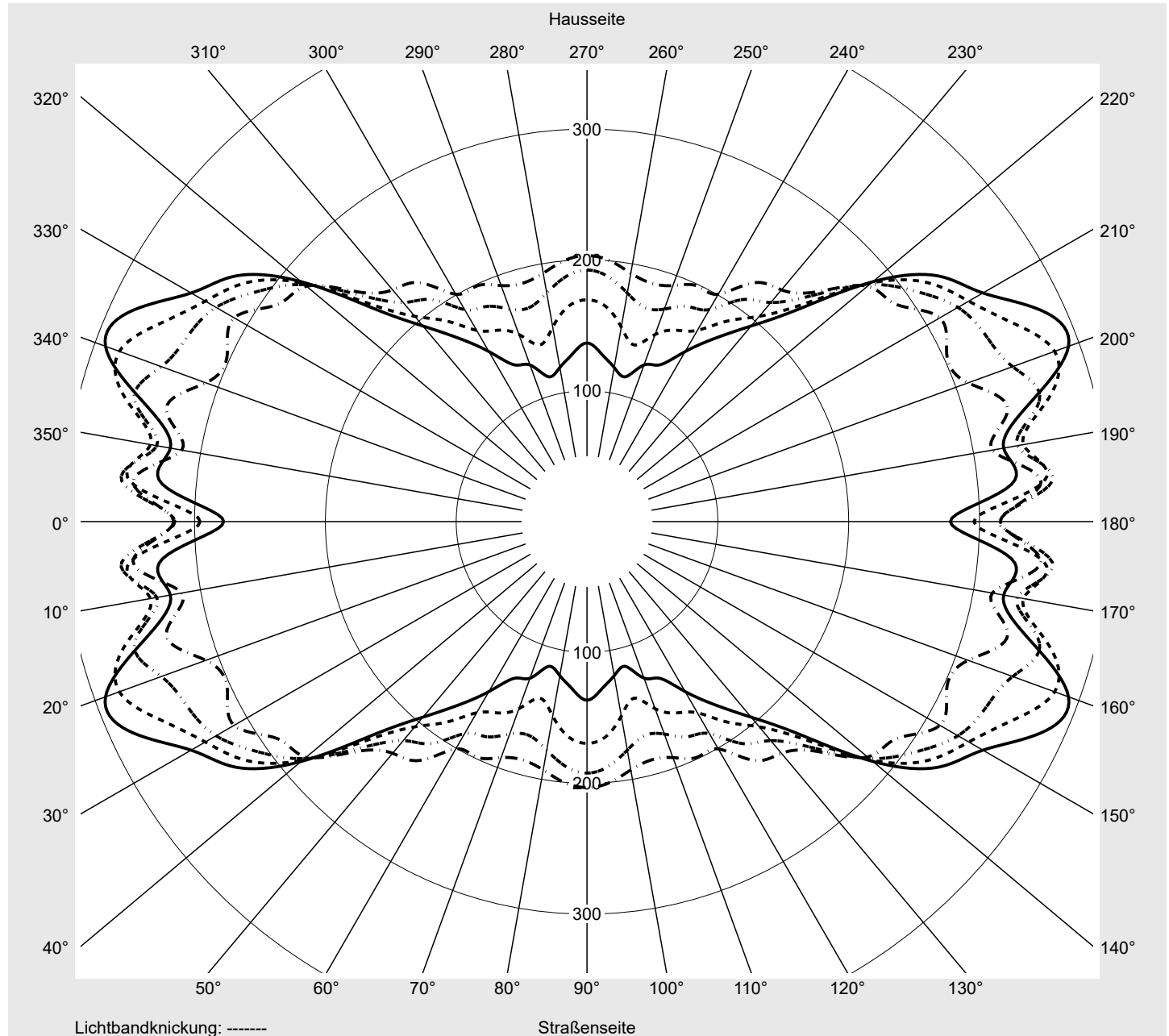
KMK 62,5°

KMK 60°

KMK 57,5°

KMK 55°

siteco



Lichttechnischer Prüfbefund

Familie DL 11 iQ	Bestell-Nr.: 5XA5575RF108000022 EAN: 4058352957103	LP-Nummer 59374_109
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke

siteco

C- Ebenen	0° 180°	5° 175° 185° 355°	10° 170° 190° 350°	15° 165° 195° 345°	20° 160° 200° 340°	25° 155° 205° 335°	30° 150° 210° 330°	35° 145° 215° 325°	40° 140° 220° 320°	45° 135° 225° 315°
γ	Lichtstärke in cd/klm									
0,0°	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
2,5°	22.9	23.0	23.2	23.3	23.7	24.6	25.1	25.3	25.2	25.7
5,0°	35.6	36.2	36.9	36.6	36.3	34.7	33.9	34.1	34.8	35.5
7,5°	48.3	49.0	49.5	50.5	49.2	48.1	48.0	48.8	51.7	54.3
10,0°	66.5	66.9	67.0	68.8	64.8	66.0	68.2	70.7	71.3	72.9
12,5°	88.4	88.1	91.9	87.8	85.1	82.5	80.9	81.8	85.0	86.3
15,0°	113.5	107.0	98.9	100.9	107.3	114.3	124.6	125.3	115.7	109.5
17,5°	141.2	129.6	129.5	133.9	132.9	129.3	126.3	121.7	119.5	122.0
20,0°	145.5	137.7	144.7	139.3	134.5	135.3	126.6	117.4	117.1	118.2
22,5°	168.0	153.1	152.8	137.0	133.1	128.7	123.4	117.8	114.8	114.8
25,0°	169.9	155.6	165.6	149.2	147.1	137.4	122.4	116.5	115.6	116.3
27,5°	182.4	171.3	176.2	153.2	156.2	152.6	142.2	133.1	129.5	129.6
30,0°	198.1	195.0	201.7	170.4	163.9	150.8	140.3	135.4	137.4	138.7
32,5°	193.5	187.3	189.2	164.6	167.1	164.5	152.9	155.5	164.5	168.1
35,0°	244.5	244.0	233.3	209.9	189.5	173.0	164.3	163.1	167.2	176.8
37,5°	246.4	246.6	230.3	216.2	202.5	184.1	172.9	176.6	185.5	187.8
40,0°	250.1	260.3	240.9	222.5	206.3	190.5	191.4	195.1	198.7	204.7
42,5°	262.1	272.3	240.4	228.1	215.6	204.2	204.1	209.6	214.3	218.8
45,0°	276.2	290.7	253.0	237.8	224.3	214.5	214.1	225.2	230.0	229.0
47,5°	291.2	301.3	262.8	252.3	230.7	228.9	234.0	243.9	239.4	234.4
50,0°	304.5	319.7	284.8	273.0	243.8	249.0	255.4	256.4	248.6	238.5
52,5°	308.7	331.8	301.5	306.8	272.8	275.1	276.4	276.1	260.5	246.7
55,0°	315.9	348.4	314.5	333.0	310.0	303.4	311.5	289.1	279.9	248.4
57,5°	315.0	357.1	333.9	358.0	346.2	336.4	327.4	306.9	281.8	244.6
60,0°	295.8	350.4	338.8	365.6	380.4	359.1	336.9	318.2	283.7	235.6
62,5°	277.7	325.7	323.4	350.6	391.7	382.5	349.4	327.4	285.2	230.2
65,0°	242.1	282.0	311.6	354.9	387.6	389.5	359.1	319.7	277.8	226.3
67,5°	226.1	250.0	288.7	340.2	380.7	366.6	352.9	311.3	265.3	212.8
70,0°	230.4	255.8	286.0	330.1	349.4	336.0	325.4	280.4	236.5	197.4
72,5°	207.7	244.8	259.3	308.5	326.1	307.1	263.7	238.8	199.2	156.6
75,0°	145.9	192.5	220.7	265.0	265.2	253.9	198.0	173.3	130.6	110.7
77,5°	89.1	112.5	145.2	177.4	178.6	150.7	120.4	102.7	89.2	79.0
80,0°	53.1	65.3	84.2	92.8	94.8	81.7	78.7	79.3	64.1	48.7
82,5°	31.4	35.9	41.0	45.8	49.6	44.1	52.1	59.6	48.9	33.7
85,0°	16.6	17.3	18.3	19.8	22.3	24.4	33.3	36.7	30.3	22.8
87,5°	7.1	7.2	7.7	8.4	10.1	11.7	13.3	13.5	12.8	12.0
90,0°	5.8	5.8	5.9	6.1	6.7	7.3	7.1	6.6	6.3	6.1
92,5°	4.7	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
95,0°	4.1	4.1	4.1	4.1	4.1	4.0	4.0	3.9	3.9	3.8
97,5°	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.5	3.5	3.3
100,0°	3.4	3.3	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.0
102,5°	3.0	3.0	3.1	3.1	3.0	2.9	2.8	2.8	2.8	2.7
105,0°	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.6	2.6	2.5
107,5°	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.4
110,0°	2.4	2.4	2.4	2.4	2.4	2.3	2.2	2.2	2.2	2.2

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Wertetabelle Lichtstärkemessung										siteco	
C- Ebenen	50° 130° 230° 310°	55° 125° 235° 305°	60° 120° 240° 300°	65° 115° 245° 295°	70° 110° 250° 290°	75° 105° 255° 285°	80° 100° 260° 280°	85° 95° 265° 275°	90° 270°	Phi-Zone	Summe Phi-Zone
	γ	Maximale Lichtstärke								Lichtstrom in lm/klm	
0,0°	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	0.0	0.0
2,5°	26.5	26.9	26.4	26.0	26.4	26.6	26.1	26.0	25.9	0.3	0.3
5,0°	36.1	37.0	36.7	36.6	36.8	36.3	36.6	36.7	37.1	0.9	1.2
7,5°	57.0	58.1	57.6	56.0	54.9	52.1	51.0	51.0	50.4	1.9	3.1
10,0°	75.0	76.8	76.6	74.2	74.6	76.2	80.2	80.9	81.3	3.5	6.5
12,5°	89.5	95.6	97.4	96.7	96.5	95.8	94.6	97.2	96.5	5.4	11.9
15,0°	111.6	113.1	115.3	115.1	116.1	116.3	116.7	121.1	124.7	8.1	19.9
17,5°	120.7	121.2	117.9	120.7	128.0	136.7	142.2	145.0	148.4	10.6	30.6
20,0°	120.6	121.3	125.0	127.7	133.5	138.4	141.0	143.2	145.2	12.3	42.9
22,5°	118.2	123.5	127.5	130.6	135.1	142.5	147.5	149.3	149.2	14.0	56.9
25,0°	119.1	123.7	130.1	134.8	141.9	149.3	154.9	154.2	154.3	16.1	73.0
27,5°	132.9	135.6	140.9	144.9	147.3	151.1	153.9	156.4	157.3	18.8	91.8
30,0°	142.1	147.0	151.6	158.1	162.2	161.4	158.5	154.7	153.7	21.7	113.5
32,5°	167.5	171.7	172.7	176.4	169.2	162.0	163.3	164.5	165.5	24.9	138.4
35,0°	181.3	179.7	182.2	182.1	179.4	175.4	173.1	172.4	173.2	29.3	167.7
37,5°	193.6	193.0	196.8	197.1	193.0	181.9	177.8	179.7	182.4	32.7	200.4
40,0°	205.6	202.7	203.5	203.1	198.8	186.1	183.9	186.5	190.5	36.2	236.6
42,5°	217.0	212.0	210.8	210.3	200.7	187.6	188.1	192.4	194.0	39.7	276.3
45,0°	229.2	218.4	217.8	216.6	201.0	189.8	193.1	195.4	195.4	43.2	319.5
47,5°	234.3	226.7	224.5	222.1	202.0	192.7	196.0	197.8	196.6	46.8	366.3
50,0°	234.4	228.6	224.8	223.3	202.2	193.6	196.7	199.6	199.5	50.5	416.8
52,5°	236.3	230.1	218.7	215.7	200.7	195.2	197.2	201.6	202.4	54.4	471.1
55,0°	231.2	222.9	200.7	198.8	192.0	188.7	192.8	200.2	203.3	57.7	528.8
57,5°	218.6	207.2	187.1	181.5	172.8	169.5	177.4	187.8	192.2	59.7	588.5
60,0°	204.8	187.1	168.8	161.4	152.2	139.7	150.9	165.0	169.5	59.8	648.3
62,5°	195.2	171.1	150.0	132.2	127.4	114.6	119.6	128.5	136.5	58.2	706.5
65,0°	186.6	158.4	130.9	107.2	96.5	85.1	89.2	93.9	92.1	55.5	762.1
67,5°	178.8	145.5	112.6	88.6	71.4	55.9	58.4	59.3	58.1	51.8	813.9
70,0°	163.9	128.8	97.1	72.8	52.2	35.6	31.6	32.9	35.2	47.9	861.7
72,5°	130.0	104.4	83.9	59.5	35.4	22.9	19.2	18.6	19.3	42.0	903.7
75,0°	104.6	96.5	77.3	46.6	20.3	15.9	13.9	13.5	13.5	33.5	937.2
77,5°	78.3	73.6	61.7	25.9	13.1	11.6	10.9	10.6	10.3	22.2	959.4
80,0°	41.6	32.1	29.4	12.2	9.2	8.8	8.6	8.3	8.2	13.1	972.5
82,5°	23.7	17.5	12.5	7.9	7.0	6.9	6.7	6.6	6.6	7.8	980.3
85,0°	15.7	11.9	8.8	6.4	5.9	5.6	5.4	5.3	5.3	4.6	984.9
87,5°	9.7	7.4	6.3	5.5	5.2	4.9	4.6	4.4	4.4	2.3	987.2
90,0°	5.8	5.4	5.2	4.9	4.7	4.4	4.0	3.9	3.9	1.5	988.7
92,5°	4.6	4.5	4.6	4.5	4.3	4.0	3.8	3.6	3.5	1.2	989.9
95,0°	3.7	3.6	3.6	3.5	3.3	3.3	3.3	3.2	3.2	1.0	990.9
97,5°	3.3	3.2	3.1	3.0	3.0	3.0	2.9	2.8	2.8	0.9	991.8
100,0°	3.0	2.9	2.8	2.8	2.8	2.6	2.6	2.6	2.6	0.8	992.6
102,5°	2.6	2.6	2.6	2.6	2.5	2.4	2.4	2.4	2.4	0.7	993.4
105,0°	2.5	2.4	2.4	2.4	2.4	2.2	2.2	2.2	2.2	0.7	994.0
107,5°	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.0	0.6	994.6
110,0°	2.2	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.0	0.6	995.2

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Wertetabelle Lichtstärkemessung Maximale Lichtstärke		sit eco

C- Ebenen	0° 180°	5° 175° 185° 355°	10° 170° 190° 350°	15° 165° 195° 345°	20° 160° 200° 340°	25° 155° 205° 335°	30° 150° 210° 330°	35° 145° 215° 325°	40° 140° 220° 320°	45° 135° 225° 315°
γ	Lichtstärke in cd/klm									
112,5°	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.0
115,0°	2.2	2.2	2.2	2.2	2.2	2.1	2.0	2.0	2.0	2.0
117,5°	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	1.9
120,0°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9
122,5°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8
125,0°	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.7
127,5°	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6
130,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
132,5°	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.3
135,0°	1.3	1.4	1.3	1.4	1.3	1.3	1.3	1.4	1.4	1.3
137,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2
140,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
142,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
145,0°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
147,5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
150,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172,5°	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
177,5°	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

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke

sitEco

C- Ebenen	50° 130° 230° 310°	55° 125° 235° 305°	60° 120° 240° 300°	65° 115° 245° 295°	70° 110° 250° 290°	75° 105° 255° 285°	80° 100° 260° 280°	85° 95° 265° 275°	90° 270°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm									Lichtstrom in lm/klm	
112,5°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	0.5	995.7
115,0°	2.0	2.0	2.0	2.0	1.9	1.8	1.8	1.8	1.8	0.5	996.2
117,5°	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	0.5	996.7
120,0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.4	997.1
122,5°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.5	0.4	997.6
125,0°	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	0.4	997.9
127,5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.3	998.3
130,0°	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	0.3	998.6
132,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.3	998.9
135,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	0.3	999.1
137,5°	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	0.2	999.3
140,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.2	999.5
142,5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.2	999.7
145,0°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.1	999.9
147,5°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.1	1000.0
150,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
152,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
157,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
162,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
167,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
172,5°	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	1000.0
177,5°	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	1000.0

Lichttechnischer Prüfbefund

Familie DL 11 iQ	Bestell-Nr.: 5XA5575RF108000022 EAN: 4058352957103	LP-Nummer 59374_109
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	2850	18.5	19.7	19.1
95	241	252	2704	17.5	18.6	18.0
90	229	250	2569	16.6	17.6	17.1
85	216	248	2424	15.6	16.6	16.1
80	203	246	2278	14.7	15.6	15.2
75	190	243	2132	13.7	14.6	14.2
70	178	241	1997	12.8	13.6	13.2
65	165	238	1851	11.9	12.6	12.2
60	152	235	1706	11.0	11.6	11.3
55	140	232	1571	10.1	10.8	10.4
50	127	229	1425	9.3	9.8	9.6
45	114	225	1279	8.4	8.9	8.6
40	102	221	1144	7.7	8.1	7.9
35	89	216	999	6.8	7.2	7.0
30	76	210	853	6.0	6.3	6.2
25	63	203	707	5.2	5.5	5.4
20	51	195	572	4.5	4.7	4.6
18	46	191	516	4.1	4.3	4.2