

Lichttechnischer Prüfbefund

Familie
DL 11 iQ

Bestell-Nr.: 5XA5575CF108000022
EAN: 4058352956540

LP-Nummer
59374_106



Ausführung	Leuchteneinsatz LED, Siteco® eisenglimmer (DB 702S), Mastaufsatz- oder Montage am Wandausleger
Optik	symmetrisch, breit strahlend (PL1.2s)
Abdeckung	Abdeckung klar, PMMA
Bestückung	LED 2200 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 2850 lm Systemleistung = 23.9 W Lichtausbeute = 119.2 lm/W

Seriendokumentation
01.02.2024

siteco

Lichtstärke in cd/klm

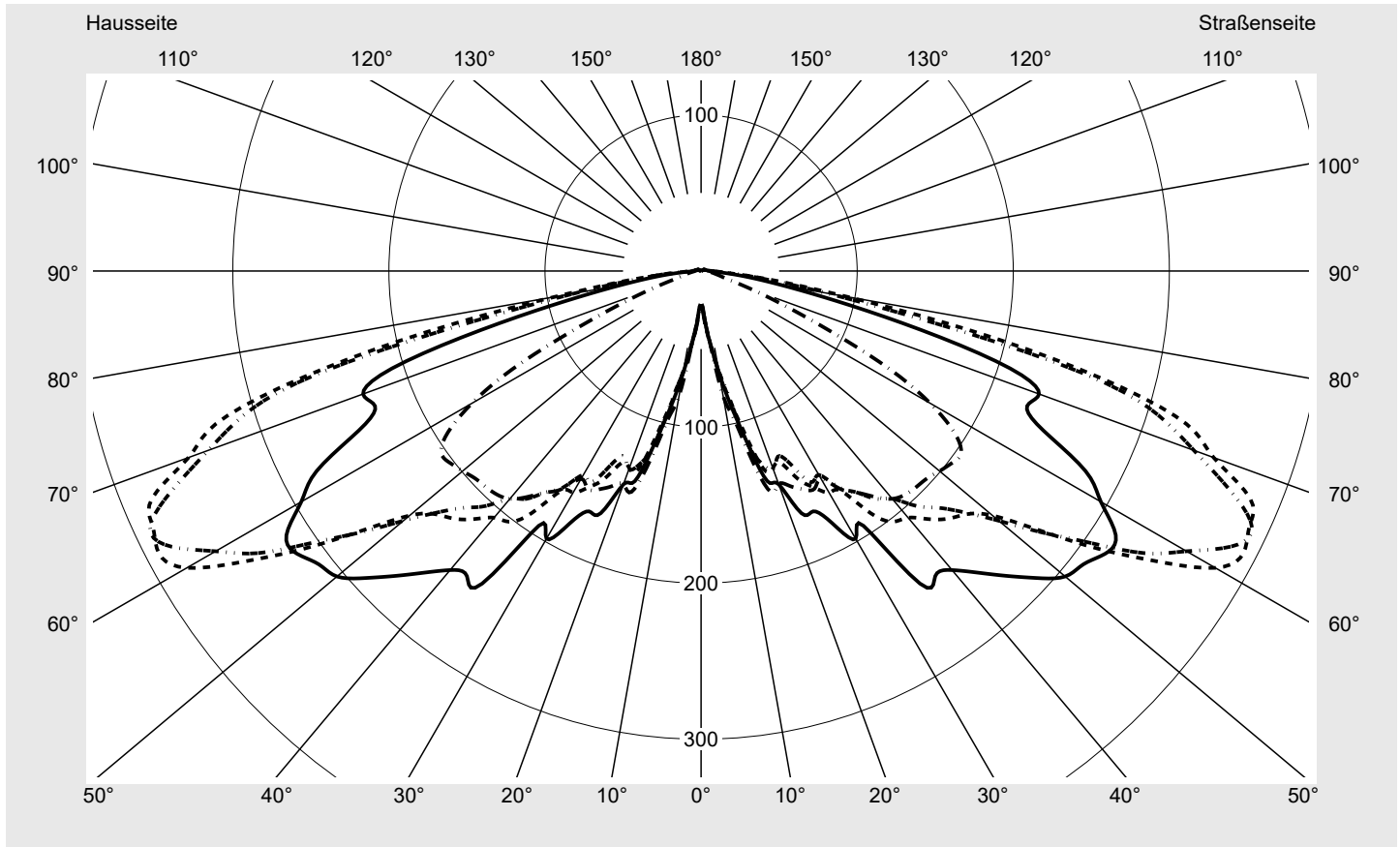
C180-0

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

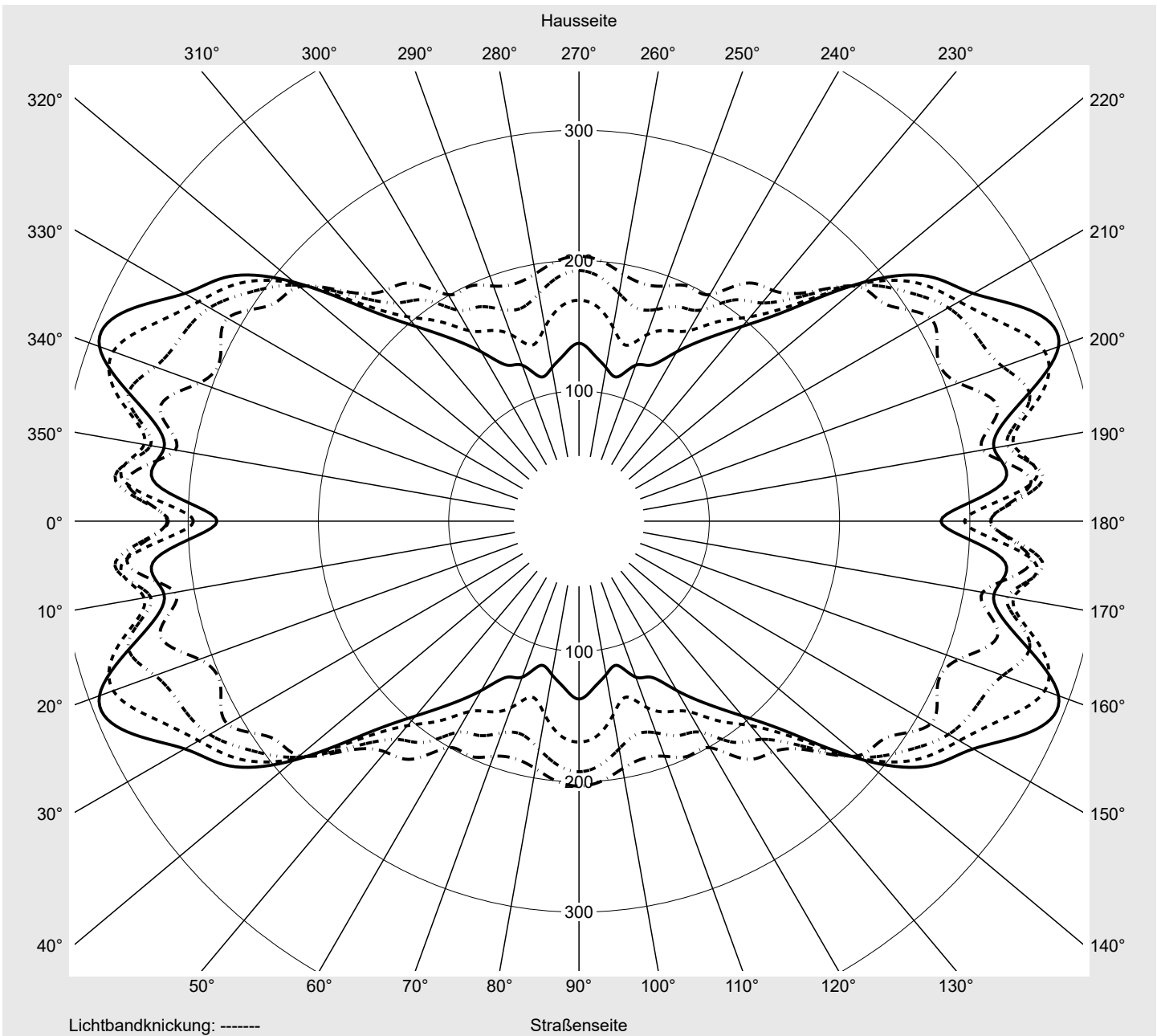
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Kegelmantelkurven in cd/klm **KMK 62,5°** **KMK 60°** **KMK 57,5°** **KMK 55°** **siteco**



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Familie DL 11 iQ	Bestell-Nr.: 5XA5575CF108000022 EAN: 4058352956540	LP-Nummer 59374_106
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	50°	55°	60°	65°	70°	75°	80°	85°	90°	Phi-Zone	Summe Phi-Zone
	130° 230° 310°	125° 235° 305°	120° 240° 300°	115° 245° 295°	110° 250° 290°	105° 255° 285°	100° 260° 280°	95° 265° 275°			
γ	Lichtstärke in cd/klm									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
		siteco

C- Ebenen	0° 180°	5°	10°	15°	20°	25°	30°	35°	40°	45°	
		175° 185° 355°	170° 190° 350°	165° 195° 345°	160° 200° 340°	155° 205° 335°	150° 210° 330°	145° 215° 325°	140° 220° 320°	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°	55°	60°	65°	70°	75°	80°	85°	90°	Phi-Zone	Summe Phi-Zone	
	130°	125°	120°	115°	110°	105°	100°	95°				
	230°	235°	240°	245°	250°	255°	260°	265°				
	310°	305°	300°	295°	290°	285°	280°	275°				
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.: 5XA5575CF108000022 EAN: 4058352956540	LP-Nummer 59374_106
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Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	siteco
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	2850	23.9	25.5	24.7
95	241	252	2704	22.5	24.0	23.2
90	229	250	2569	21.2	22.6	21.9
85	216	248	2424	19.9	21.2	20.5
80	203	246	2278	18.6	19.8	19.2
75	190	243	2132	17.4	18.5	18.0
70	178	241	1997	16.2	17.2	16.7
65	165	238	1851	14.9	15.9	15.4
60	152	235	1706	13.8	14.6	14.2
55	140	232	1571	12.7	13.4	13.0
50	127	229	1425	11.5	12.2	11.8
45	114	225	1279	10.3	11.0	10.6
40	102	221	1144	9.4	9.9	9.6
35	89	216	999	8.2	8.7	8.4
30	76	210	853	7.2	7.6	7.4
25	63	203	707	6.2	6.5	6.4
20	51	195	572	5.3	5.5	5.4
15	38	184	426	4.2	4.4	4.3
15	37	183	415	4.1	4.3	4.2