

Lichttechnischer Prüfbefund

Familie
DL 11 iQ

Bestell-Nr.: 5XA5575JF108000022
EAN: 4058352956717

LP-Nummer
59374_107



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

Optik symmetrisch, breit strahlend (PL1.2s)

Abdeckung Abdeckung klar, PMMA

Bestückung LED 3000 K | CRI ≥ 70

Betriebsgerät EVG SITECO iQ

Bemessungswerte Nettolichtstrom = 2850 lm
Systemleistung = 19.3 W
Lichtausbeute = 147.7 lm/W

Seriendokumentation
01.02.2024

siteco

Lichtstärke in cd/klm

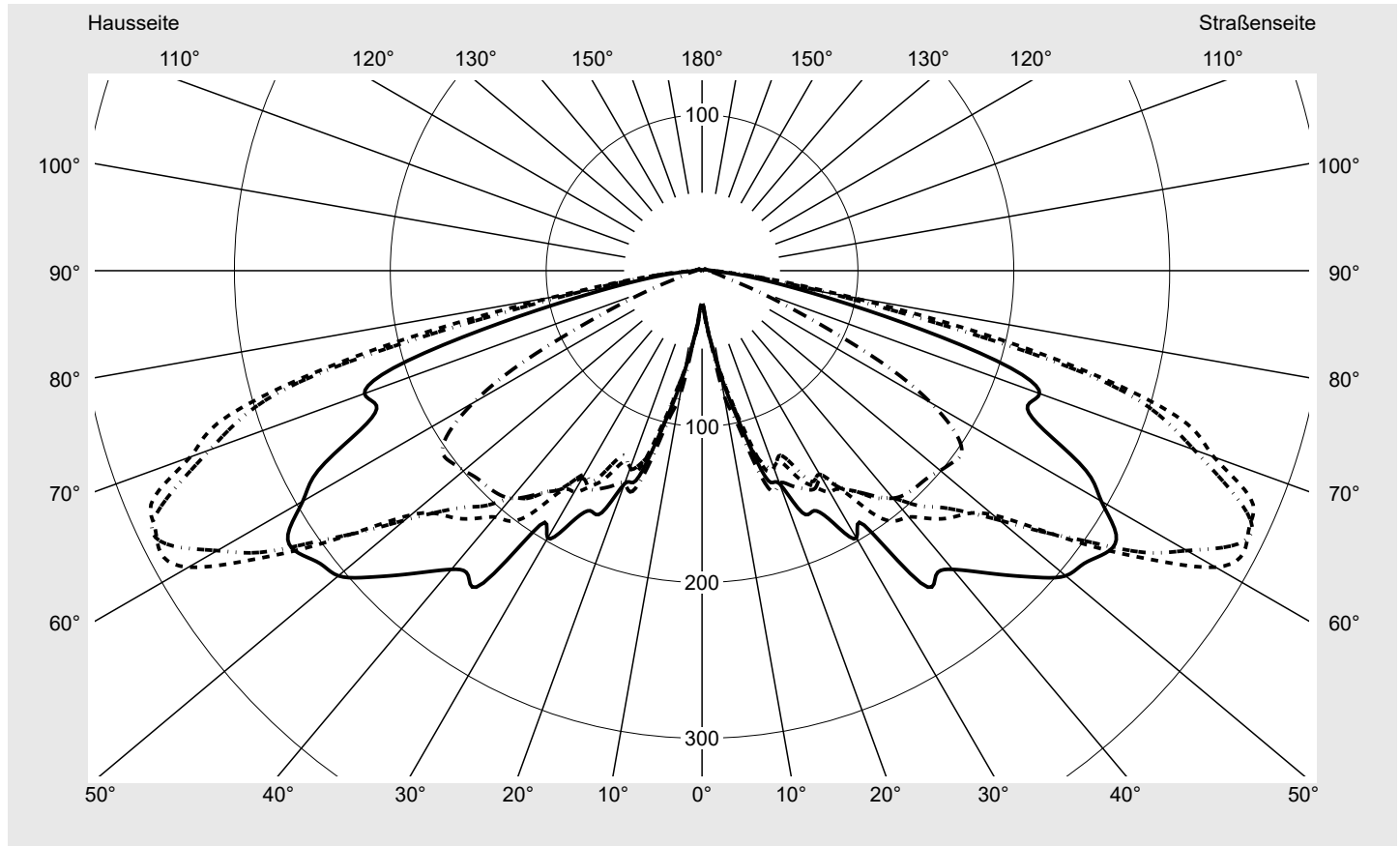
C180-0

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

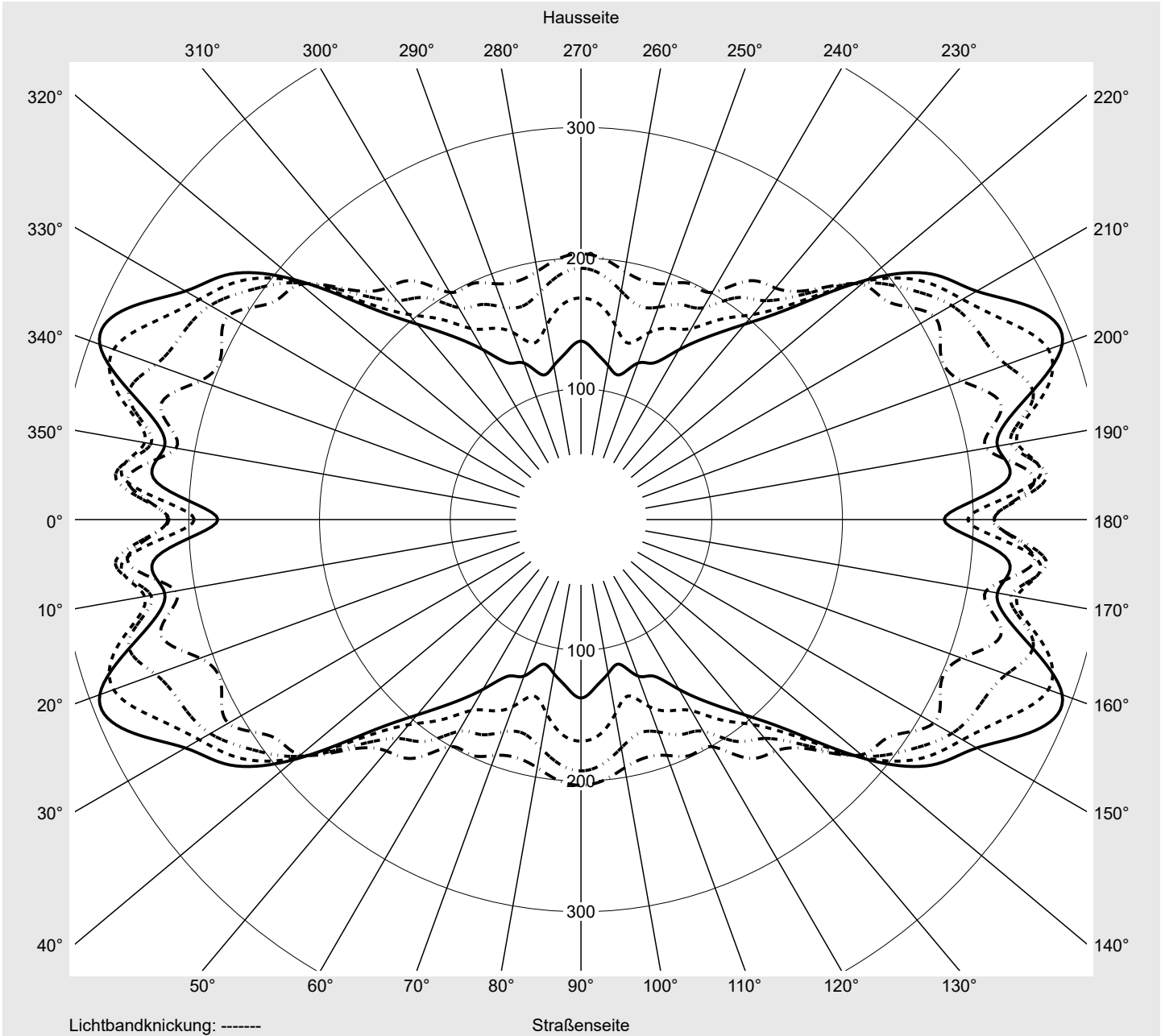
Messbedingungen

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.: 5XA5575JF108000022 EAN: 4058352956717	LP-Nummer 59374_107
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
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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
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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°	
		Lichtstärke in cd/klm									
γ											
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.: 5XA5575JF108000022 EAN: 4058352956717	LP-Nummer 59374_107
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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	19.3	20.6	20.0
95	241	252	2704	18.3	19.4	18.8
90	229	250	2569	17.3	18.4	17.8
85	216	248	2424	16.3	17.3	16.8
80	203	246	2278	15.2	16.2	15.7
75	190	243	2132	14.2	15.1	14.6
70	178	241	1997	13.3	14.1	13.7
65	165	238	1851	12.4	13.2	12.8
60	152	235	1706	11.4	12.1	11.8
55	140	232	1571	10.5	11.2	10.8
50	127	229	1425	9.6	10.1	9.8
45	114	225	1279	8.7	9.2	9.0
40	102	221	1144	7.9	8.3	8.1
35	89	216	999	7.1	7.4	7.2
30	76	210	853	6.2	6.5	6.4
25	63	203	707	5.4	5.6	5.5
20	51	195	572	4.6	4.8	4.7
17	44	190	494	4.1	4.3	4.2