

Lichttechnischer Prüfbefund

Familie

DL 11 iQ



Bestell-Nr.: 5XA5575CF14H000022

EAN: 4058352956564

LP-Nummer

59430_111

Ausführung

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

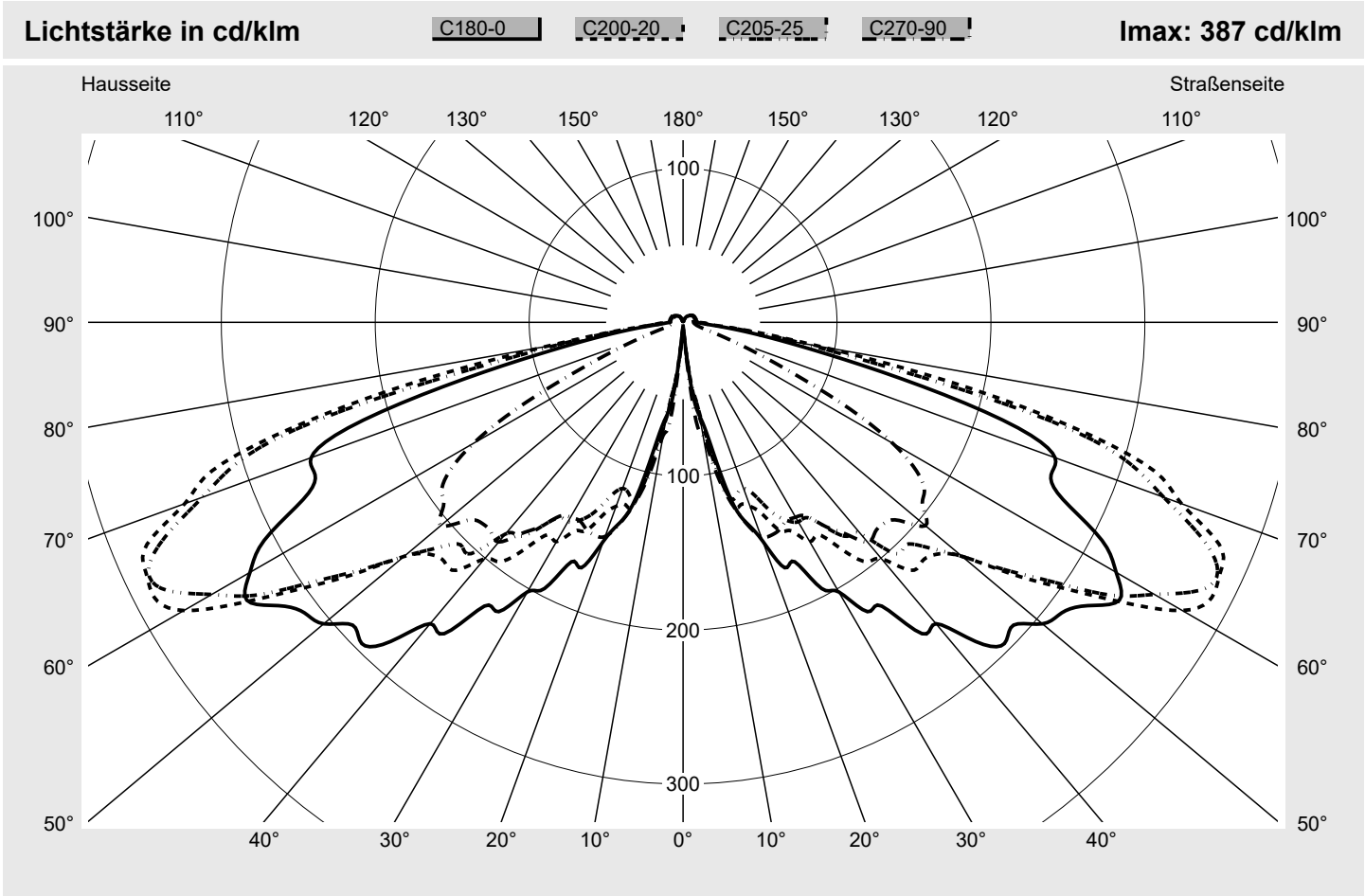
Bemessungswerte

Nettolichtstrom = 3000 lm
Systemleistung = 23.9 W
Lichtausbeute = 125.5 lm/W

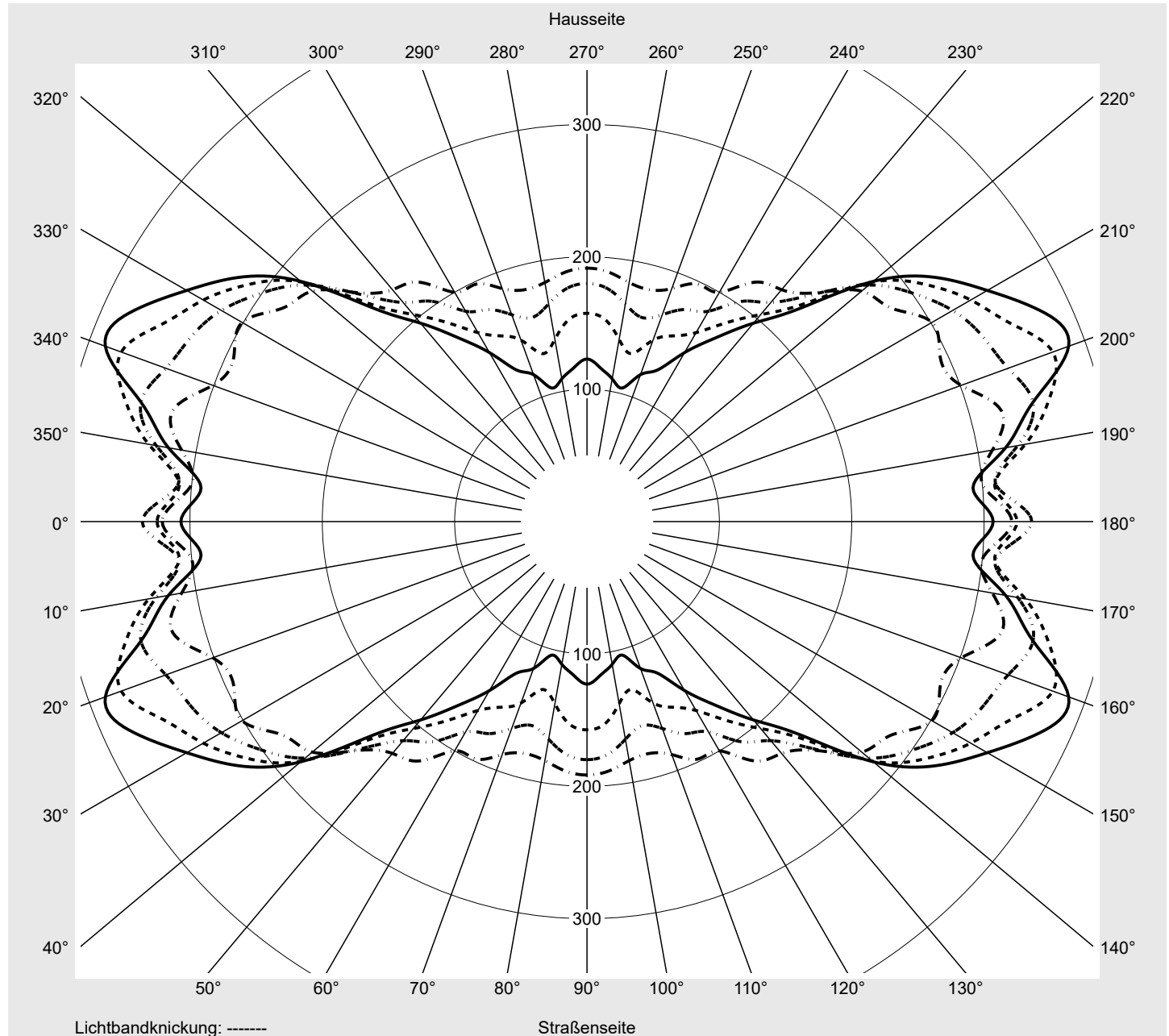
Seriodokumentation

01.02.2024

siteco



Leuchtenbetriebswirkungsgrade		Lichtstärkeklasse nach EN13201-2	
Eta	100.0%	Klasse:	G3
Eta 0° - 90°	96.0%	Imax 70°	344.6
Eta 90° - 180°	4.0%	Imax 80°	91.8
Messbedingungen		Imax 90°	9.3
		Imax >90°	8.9
		Imax >95°	8.8
DIN EN 13032 und DIN 5032			

Lichttechnischer Prüfbefund**Familie**
DL 11 iQ**Bestell-Nr.: 5XA5575CF14H000022**
EAN: 4058352956564**LP-Nummer**
59430_111**Kegelmantelkurven in cd/klm****KMK 62,5°****KMK 60°****KMK 57,5°****KMK 55°****sit**eco

Lichttechnischer Prüfbefund

Familie DL 11 iQ	Bestell-Nr.: 5XA5575CF14H000022 EAN: 4058352956564	LP-Nummer 59430_111
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke

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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°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
2,5°	4.6	4.6	4.7	4.8	4.8	4.8	4.9	5.0	5.1	5.2
5,0°	10.5	10.4	10.6	11.0	12.4	14.1	15.7	17.0	17.9	18.1
7,5°	45.5	45.3	44.7	42.6	40.4	38.9	37.5	36.1	35.8	36.3
10,0°	61.9	62.7	64.4	66.2	64.1	57.5	52.3	50.2	52.5	57.2
12,5°	79.0	78.2	78.3	81.0	86.1	93.3	98.4	98.7	94.3	88.5
15,0°	117.9	111.3	111.1	117.0	121.4	118.0	109.8	108.9	112.7	114.3
17,5°	136.4	126.2	122.9	129.5	124.3	116.9	114.7	114.9	116.0	115.4
20,0°	151.3	138.4	135.3	134.8	127.2	114.9	111.9	108.3	107.8	108.3
22,5°	172.6	154.6	147.9	150.4	135.1	121.7	115.4	111.4	108.0	109.6
25,0°	171.7	154.5	155.7	162.0	149.5	136.0	126.3	118.4	116.6	116.6
27,5°	195.0	173.0	164.6	168.8	152.9	144.9	138.3	126.7	124.6	127.0
30,0°	202.3	181.6	184.3	182.7	164.5	149.7	141.1	138.4	140.5	140.2
32,5°	222.9	190.1	190.0	184.3	163.6	150.5	136.1	135.9	145.6	152.2
35,0°	225.1	202.5	208.0	196.8	180.4	163.1	156.9	156.7	161.6	169.1
37,5°	255.0	222.6	222.6	212.9	196.1	175.2	162.6	167.5	174.2	177.9
40,0°	255.6	224.3	229.5	218.4	200.6	179.5	177.3	182.7	189.1	196.6
42,5°	281.3	237.4	246.3	235.0	218.5	203.9	201.3	208.5	209.7	216.2
45,0°	295.2	255.8	260.1	241.7	219.6	204.4	205.8	219.0	225.3	228.7
47,5°	291.2	258.3	261.1	246.1	223.1	217.0	224.2	238.3	237.7	232.4
50,0°	304.8	275.2	282.5	265.7	236.6	236.6	247.7	248.5	241.6	236.7
52,5°	310.1	286.0	299.1	301.9	268.2	264.4	266.6	265.9	252.8	241.6
55,0°	321.0	300.9	311.0	324.1	300.9	294.4	300.9	281.0	270.9	244.5
57,5°	336.1	310.5	330.4	348.8	338.6	330.1	319.0	300.7	278.0	243.0
60,0°	324.9	309.2	336.3	361.9	374.5	353.6	334.8	312.3	281.5	233.0
62,5°	306.8	292.7	321.1	349.0	387.3	377.5	349.2	321.6	282.3	227.9
65,0°	272.3	257.2	308.3	353.8	385.0	383.2	356.5	315.4	274.3	223.9
67,5°	258.8	228.2	285.8	335.2	377.0	364.2	351.5	308.1	260.9	208.8
70,0°	257.2	232.3	277.0	328.7	344.6	332.3	319.5	277.2	231.4	192.9
72,5°	228.3	225.8	253.9	307.0	320.9	303.8	256.0	235.0	191.5	152.8
75,0°	161.2	177.4	218.7	262.4	260.0	246.5	194.6	168.1	127.3	107.7
77,5°	96.8	105.7	141.8	175.4	175.2	142.2	115.2	101.1	86.9	77.4
80,0°	57.2	62.3	80.8	91.8	90.5	79.4	77.9	77.1	61.0	45.8
82,5°	32.1	35.0	39.6	45.1	45.6	41.4	50.2	54.0	43.9	30.2
85,0°	16.6	17.3	17.6	18.8	18.3	21.1	30.7	34.1	27.1	16.5
87,5°	11.5	11.9	13.0	14.0	13.9	15.3	17.6	16.7	13.3	10.6
90,0°	8.5	8.7	9.2	9.3	9.2	9.2	9.1	9.0	8.7	8.5
92,5°	8.2	8.5	8.9	8.9	8.8	8.7	8.5	8.3	8.1	7.9
95,0°	8.2	8.5	8.8	8.8	8.8	8.5	8.4	8.2	8.0	7.8
97,5°	8.2	8.5	8.8	8.8	8.7	8.6	8.4	8.2	8.0	7.8
100,0°	8.2	8.4	8.8	8.8	8.7	8.5	8.4	8.2	8.0	7.8
102,5°	8.0	8.3	8.7	8.7	8.6	8.5	8.4	8.2	8.0	7.8
105,0°	8.0	8.3	8.6	8.7	8.6	8.5	8.3	8.2	8.0	7.8
107,5°	7.8	8.2	8.5	8.6	8.5	8.4	8.3	8.1	7.9	7.7
110,0°	7.8	8.1	8.4	8.5	8.5	8.3	8.2	8.0	7.9	7.7

Lichttechnischer Prüfbefund

Familie DL 11 iQ	Bestell-Nr.: 5XA5575CF14H000022 EAN: 4058352956564	LP-Nummer 59430_111
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke



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	
0,0°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	0.0	0.0
2,5°	5.3	5.4	5.7	5.8	5.7	5.7	5.7	5.7	5.7	0.1	0.1
5,0°	18.3	18.2	18.6	18.8	18.6	18.4	18.3	18.3	17.9	0.4	0.5
7,5°	37.8	40.9	44.2	49.4	53.8	57.8	61.2	63.5	64.6	1.6	2.1
10,0°	61.9	64.4	67.2	69.4	72.1	73.8	73.7	74.0	74.6	3.0	5.1
12,5°	82.6	81.1	83.7	89.0	92.7	97.0	98.3	99.8	100.6	5.3	10.4
15,0°	114.3	111.9	107.1	108.3	110.9	115.2	118.5	120.8	121.8	8.1	18.5
17,5°	116.3	116.4	118.8	121.8	125.7	129.7	133.0	135.7	137.3	10.1	28.7
20,0°	109.9	113.9	116.0	121.0	127.8	136.4	142.3	145.7	148.1	11.7	40.4
22,5°	113.2	116.5	120.0	122.3	128.0	135.4	144.2	147.8	149.8	13.7	54.0
25,0°	118.9	122.9	128.7	132.2	137.2	143.0	147.2	148.2	148.5	15.9	70.0
27,5°	131.0	133.2	140.0	143.1	146.0	147.2	147.4	145.7	145.4	18.5	88.4
30,0°	143.7	147.5	150.9	154.1	153.0	150.9	148.7	146.9	146.2	21.3	109.7
32,5°	154.1	157.8	160.8	163.8	160.8	154.2	152.1	150.1	149.4	23.6	133.3
35,0°	171.8	171.8	174.2	173.5	167.9	163.0	161.0	161.5	162.3	27.4	160.7
37,5°	184.6	184.6	186.0	186.6	185.6	176.6	172.8	172.0	173.2	31.3	192.0
40,0°	197.4	199.8	203.8	201.3	194.9	179.0	176.1	180.4	186.3	34.8	226.7
42,5°	213.7	211.3	208.9	207.7	196.5	182.0	182.5	184.3	184.7	39.1	265.8
45,0°	229.1	220.7	221.0	217.1	201.2	184.6	185.1	185.6	184.7	42.5	308.3
47,5°	234.1	230.4	230.2	223.4	200.6	189.0	192.8	191.3	190.6	45.7	354.0
50,0°	234.7	230.2	225.8	222.6	201.2	192.0	195.4	199.8	205.6	49.3	403.3
52,5°	234.3	228.2	216.1	213.1	198.0	194.8	197.3	196.9	196.2	52.9	456.2
55,0°	228.7	220.8	200.0	198.0	187.3	181.4	183.4	189.1	191.5	55.8	512.0
57,5°	216.1	203.0	183.5	176.7	166.3	159.7	167.0	176.7	179.9	57.9	569.9
60,0°	204.2	183.3	164.8	154.8	145.9	131.4	139.8	153.5	157.3	58.2	628.2
62,5°	195.7	169.5	147.4	126.4	118.1	104.5	109.5	116.5	122.8	56.9	685.0
65,0°	185.8	157.6	127.3	100.9	88.7	74.9	78.8	82.3	80.9	54.3	739.3
67,5°	174.7	142.9	107.9	80.6	64.2	47.6	49.5	50.7	50.0	50.5	789.8
70,0°	160.7	126.8	92.1	66.7	46.8	29.0	25.6	27.0	28.8	46.6	836.4
72,5°	127.7	101.2	78.5	53.7	31.1	19.0	15.4	14.7	15.3	40.8	877.2
75,0°	102.2	89.7	72.2	41.5	17.5	13.3	11.5	11.0	10.9	32.5	909.7
77,5°	75.3	68.7	59.1	25.8	12.6	10.8	9.7	9.1	9.0	21.5	931.2
80,0°	35.4	27.8	26.3	13.3	9.9	9.1	8.6	8.4	8.3	12.6	943.7
82,5°	18.8	14.5	11.2	9.4	8.5	8.0	7.8	7.7	7.6	7.4	951.2
85,0°	13.3	11.7	9.8	8.2	7.5	7.3	7.3	7.3	7.2	4.3	955.5
87,5°	10.5	10.7	8.9	7.6	7.2	7.1	7.0	6.9	6.9	3.1	958.6
90,0°	8.3	8.3	7.7	7.2	7.0	6.9	6.9	6.8	6.8	2.3	960.8
92,5°	7.7	7.4	7.2	7.1	7.0	6.9	6.8	6.7	6.8	2.1	963.0
95,0°	7.6	7.4	7.2	7.0	6.9	6.8	6.8	6.8	6.8	2.1	965.1
97,5°	7.6	7.4	7.2	7.0	6.9	6.8	6.7	6.7	6.7	2.1	967.2
100,0°	7.6	7.4	7.2	7.0	6.9	6.9	6.8	6.8	6.7	2.1	969.3
102,5°	7.6	7.4	7.2	7.1	6.9	6.9	6.8	6.8	6.8	2.1	971.3
105,0°	7.6	7.4	7.2	7.1	6.9	6.9	6.8	6.8	6.8	2.0	973.4
107,5°	7.6	7.4	7.2	7.1	6.9	6.9	6.8	6.8	6.8	2.0	975.4
110,0°	7.5	7.4	7.2	7.0	6.9	6.9	6.8	6.8	6.8	2.0	977.4

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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°	7.8	8.0	8.4	8.4	8.3	8.3	8.2	8.0	7.8	7.6
115,0°	7.7	8.0	8.3	8.3	8.3	8.2	8.1	7.9	7.8	7.6
117,5°	7.7	7.9	8.2	8.2	8.2	8.1	8.0	7.8	7.7	7.6
120,0°	7.6	7.8	8.0	8.1	8.1	8.0	7.9	7.8	7.6	7.5
122,5°	7.4	7.7	7.9	8.0	7.9	7.8	7.8	7.6	7.5	7.4
125,0°	7.3	7.5	7.7	7.8	7.7	7.7	7.6	7.5	7.3	7.2
127,5°	7.1	7.3	7.4	7.5	7.5	7.5	7.4	7.3	7.2	7.0
130,0°	6.8	7.0	7.1	7.2	7.2	7.1	7.1	7.0	6.9	6.8
132,5°	6.5	6.6	6.7	6.9	6.8	6.8	6.8	6.7	6.6	6.6
135,0°	6.1	6.3	6.4	6.4	6.4	6.5	6.4	6.4	6.3	6.2
137,5°	5.8	5.9	6.0	6.0	6.1	6.1	6.1	6.0	6.0	5.9
140,0°	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.7	5.7	5.6
142,5°	5.2	5.3	5.4	5.4	5.4	5.5	5.5	5.5	5.4	5.4
145,0°	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1
147,5°	4.6	4.7	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8
150,0°	4.1	4.2	4.1	4.2	4.2	4.3	4.3	4.3	4.3	4.2
152,5°	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.6	3.6	3.6
155,0°	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.8	2.8
157,5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
160,0°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7
162,5°	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.4	1.5
165,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
167,5°	1.2	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.3
170,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
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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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°	7.5	7.3	7.2	7.0	6.9	6.8	6.8	6.8	6.8	1.9	979.3
115,0°	7.5	7.3	7.2	7.0	6.9	6.9	6.8	6.8	6.8	1.9	981.2
117,5°	7.4	7.3	7.1	7.0	6.9	6.8	6.8	6.8	6.8	1.8	983.0
120,0°	7.3	7.2	7.1	6.9	6.9	6.8	6.8	6.8	6.8	1.8	984.8
122,5°	7.2	7.1	6.9	6.9	6.8	6.7	6.7	6.6	6.6	1.7	986.4
125,0°	7.1	7.0	6.8	6.7	6.7	6.6	6.6	6.6	6.6	1.6	988.1
127,5°	6.9	6.8	6.7	6.6	6.5	6.6	6.4	6.4	6.4	1.5	989.6
130,0°	6.7	6.6	6.5	6.4	6.4	6.4	6.4	6.3	6.3	1.4	991.0
132,5°	6.4	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1	1.3	992.3
135,0°	6.2	6.0	6.0	5.9	5.9	5.9	5.9	5.8	5.8	1.2	993.5
137,5°	5.9	5.8	5.7	5.7	5.7	5.7	5.6	5.6	5.6	1.1	994.6
140,0°	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.4	1.0	995.6
142,5°	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.2	5.1	0.9	996.4
145,0°	5.1	5.0	5.0	5.0	4.9	4.9	5.0	5.0	5.0	0.8	997.2
147,5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.6	0.7	997.9
150,0°	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.0	4.1	0.6	998.5
152,5°	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	0.4	999.0
155,0°	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	0.3	999.3
157,5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.2	999.5
160,0°	1.7	1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.5	0.2	999.6
162,5°	1.5	1.5	1.4	1.5	1.5	1.5	1.4	1.4	1.4	0.1	999.8
165,0°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	0.1	999.9
167,5°	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.3	0.1	999.9
170,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.1	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.: 5XA5575CF14H000022 EAN: 4058352956564	LP-Nummer 59430_111
Dimmstufen-Tabelle Umgebungstemperatur: 25°C		sit eco

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	3000	23.9	25.5	24.7
95	241	252	2846	22.5	24.0	23.2
90	229	250	2705	21.2	22.6	21.9
85	216	248	2551	19.9	21.2	20.5
80	203	246	2398	18.6	19.8	19.2
75	190	243	2244	17.4	18.5	18.0
70	178	241	2102	16.2	17.2	16.7
65	165	238	1949	14.9	15.9	15.4
60	152	235	1795	13.8	14.6	14.2
55	140	232	1654	12.7	13.4	13.0
50	127	229	1500	11.5	12.2	11.8
45	114	225	1346	10.3	11.0	10.6
40	102	221	1205	9.4	9.9	9.6
35	89	216	1051	8.2	8.7	8.4
30	76	210	898	7.2	7.6	7.4
25	63	203	744	6.2	6.5	6.4
20	51	195	602	5.3	5.5	5.4
15	38	184	449	4.2	4.4	4.3
15	37	183	437	4.1	4.3	4.2