

Lichttechnischer Prüfbefund

Familie

DL 11 iQ



Bestell-Nr.: 5XA5565OF14H000022

EAN: 4058352956359

LP-Nummer

59430_80

Ausführung

Mastaufsatz- oder Montage am Wandausleger

Optik

symmetrisch, breit strahlend (PL1.2s)

Abdeckung

Abdeckung klar, PMMA

Bestückung

LED 2700 K | CRI ≥ 70

Betriebsgerät

EVG SITECO iQ

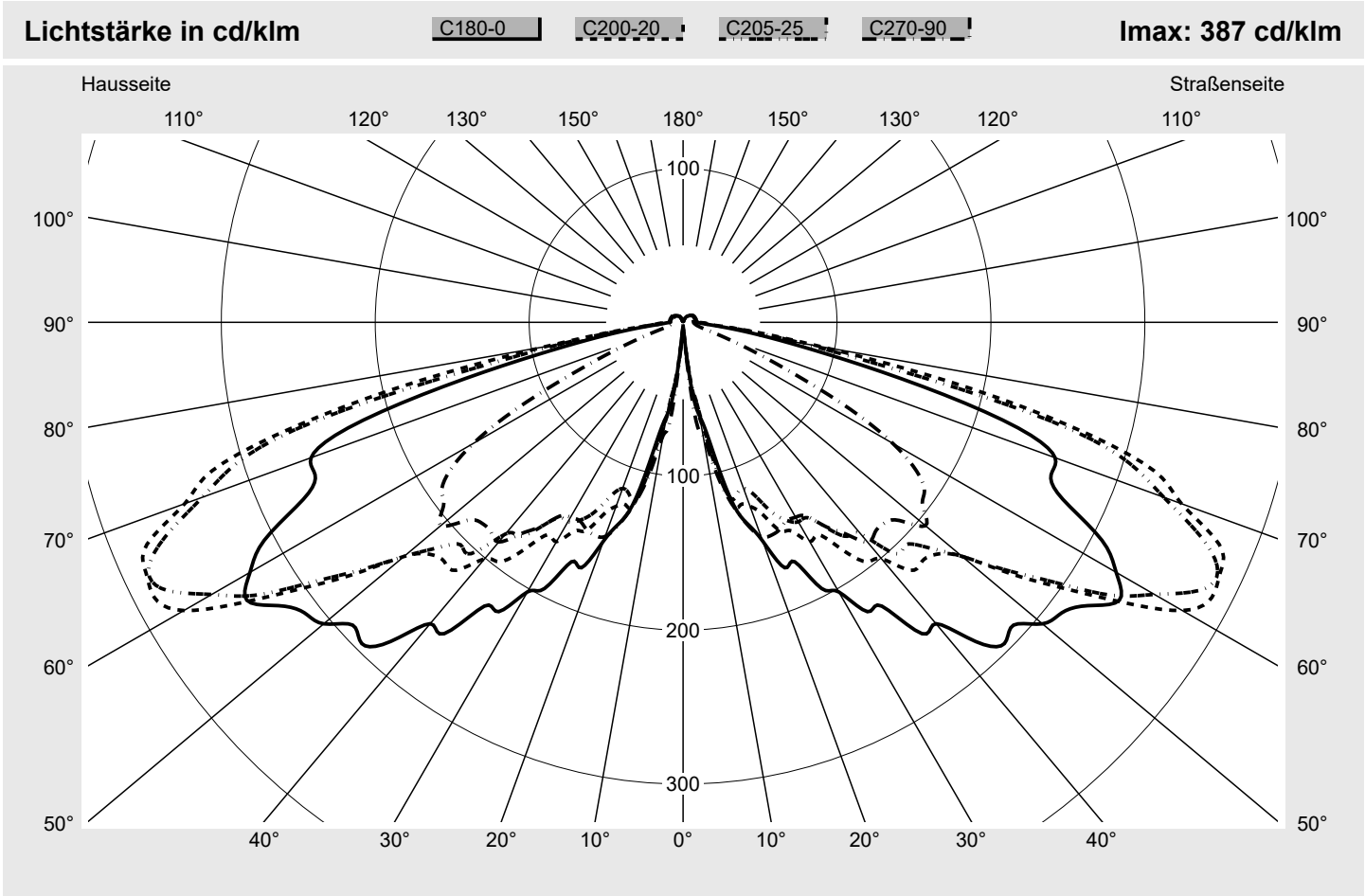
Bemessungswerte

Nettolichtstrom = 3000 lm
Systemleistung = 21.8 W
Lichtausbeute = 137.6 lm/W

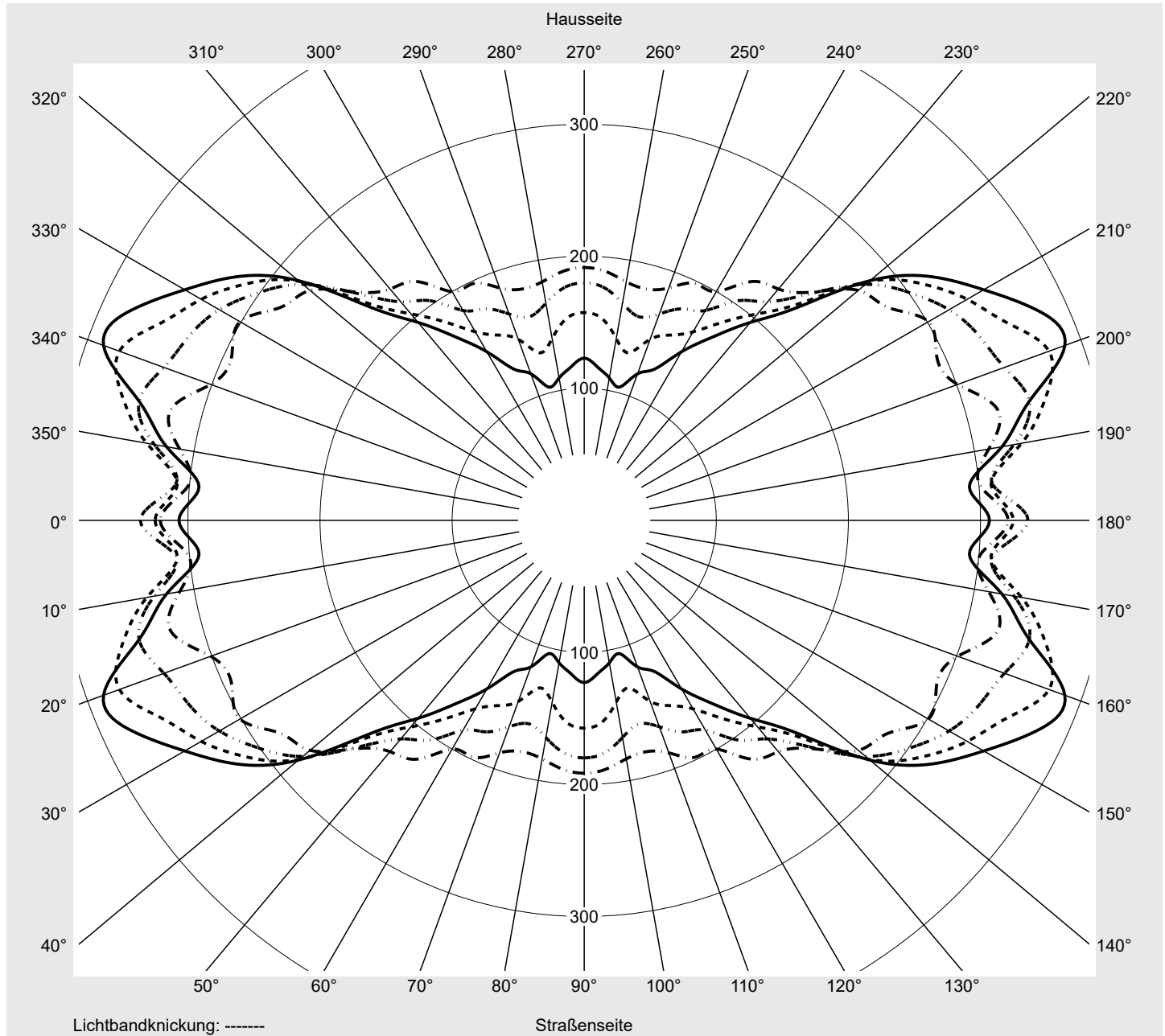
Seriodokumentation

01.02.2024

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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.: 5XA5565OF14H000022**
EAN: 4058352956359**LP-Nummer**
59430_80**Kegelmantelkurven in cd/klm****KMK 62,5°****KMK 60°****KMK 57,5°****KMK 55°****sit**eco

Lichttechnischer Prüfbefund

Familie DL 11 iQ	Bestell-Nr.: 5XA5565OF14H000022 EAN: 4058352956359	LP-Nummer 59430_80
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

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Familie DL 11 iQ	Bestell-Nr.: 5XA5565OF14H000022 EAN: 4058352956359	LP-Nummer 59430_80
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	
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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Familie DL 11 iQ	Bestell-Nr.: 5XA5565OF14H000022 EAN: 4058352956359	LP-Nummer 59430_80
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									
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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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke

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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.: 5XA5565OF14H000022 EAN: 4058352956359	LP-Nummer 59430_80
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	3000	21.8	23.2	22.5
95	241	252	2846	20.6	21.9	21.2
90	229	250	2705	19.4	20.7	20.0
85	216	248	2551	18.3	19.4	18.8
80	203	246	2398	17.1	18.2	17.6
75	190	243	2244	15.9	16.9	16.4
70	178	241	2102	14.9	15.8	15.4
65	165	238	1949	13.8	14.7	14.2
60	152	235	1795	12.7	13.5	13.1
55	140	232	1654	11.7	12.4	12.0
50	127	229	1500	10.7	11.3	11.0
45	114	225	1346	9.6	10.1	9.8
40	102	221	1205	8.7	9.2	9.0
35	89	216	1051	7.7	8.1	7.9
30	76	210	898	6.8	7.1	7.0
25	63	203	744	5.8	6.1	5.9
20	51	195	602	5.0	5.2	5.1
15	39	185	461	4.0	4.3	4.2