

Lichttechnischer Prüfbefund

Familie
DL 11 iQ

Bestell-Nr.: 5XA5575RF14H000022
EAN: 4058352957127

LP-Nummer
59430_113



Ausführung	Mastaufsatz- oder Montage am Wandausleger
Optik	direkt, symmetrisch breit strahlend C120010
Abdeckung	Abdeckung klar, PMMA
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 3000 lm Systemleistung = 18.5 W Lichtausbeute = 162.2 lm/W

Seriendokumentation
01.02.2024

siteco

Lichtstärke in cd/klm

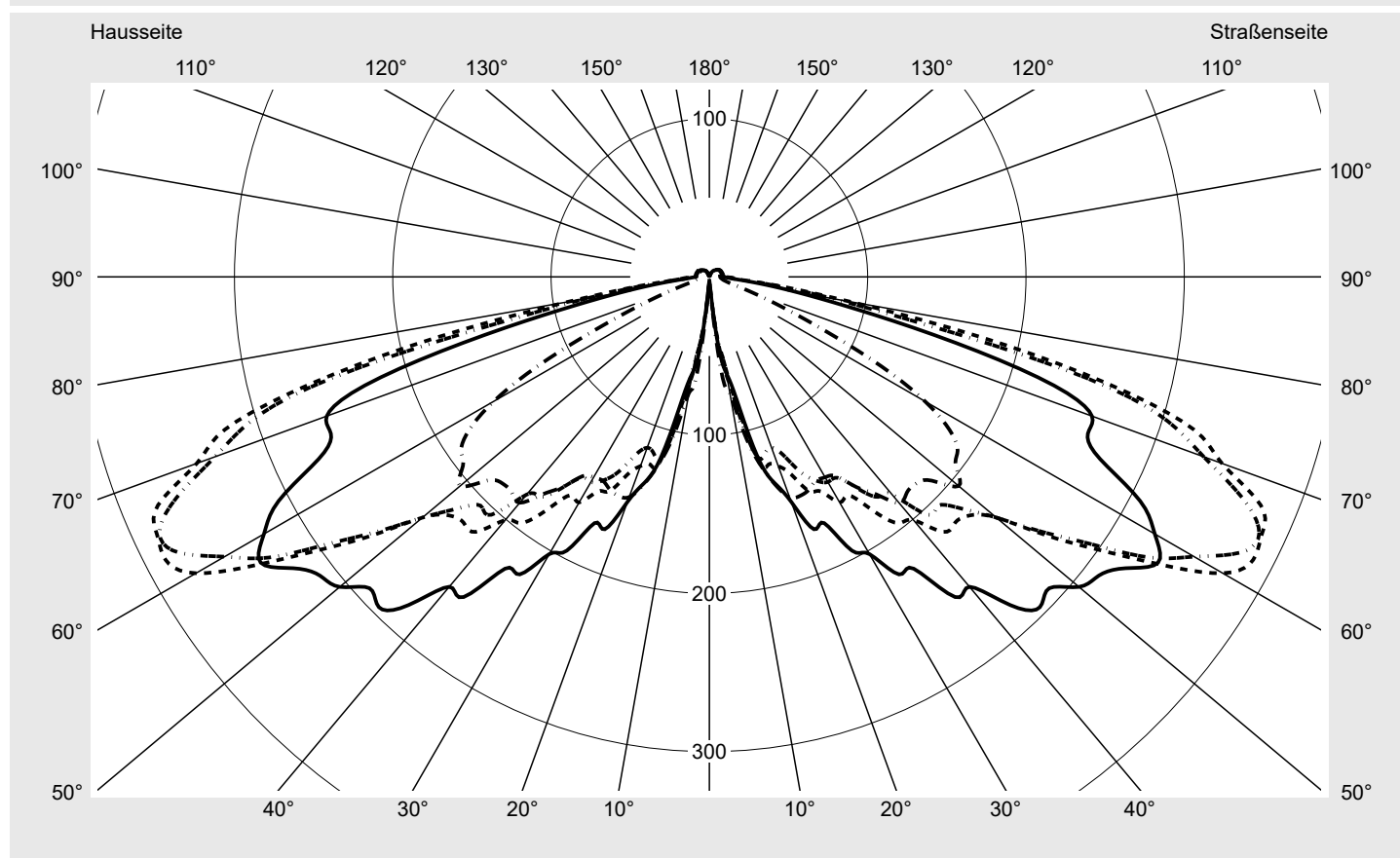
C180-0

C200-20

C205-25

C270-90

Imax: 387 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	96.0%
Eta 90° - 180°	4.0%

Lichtstärkeklasse nach EN13201-2

Klasse:	G3
Imax 70°	344.6
Imax 80°	91.8
Imax 90°	9.3
Imax >90°	8.9
Imax >95°	8.8

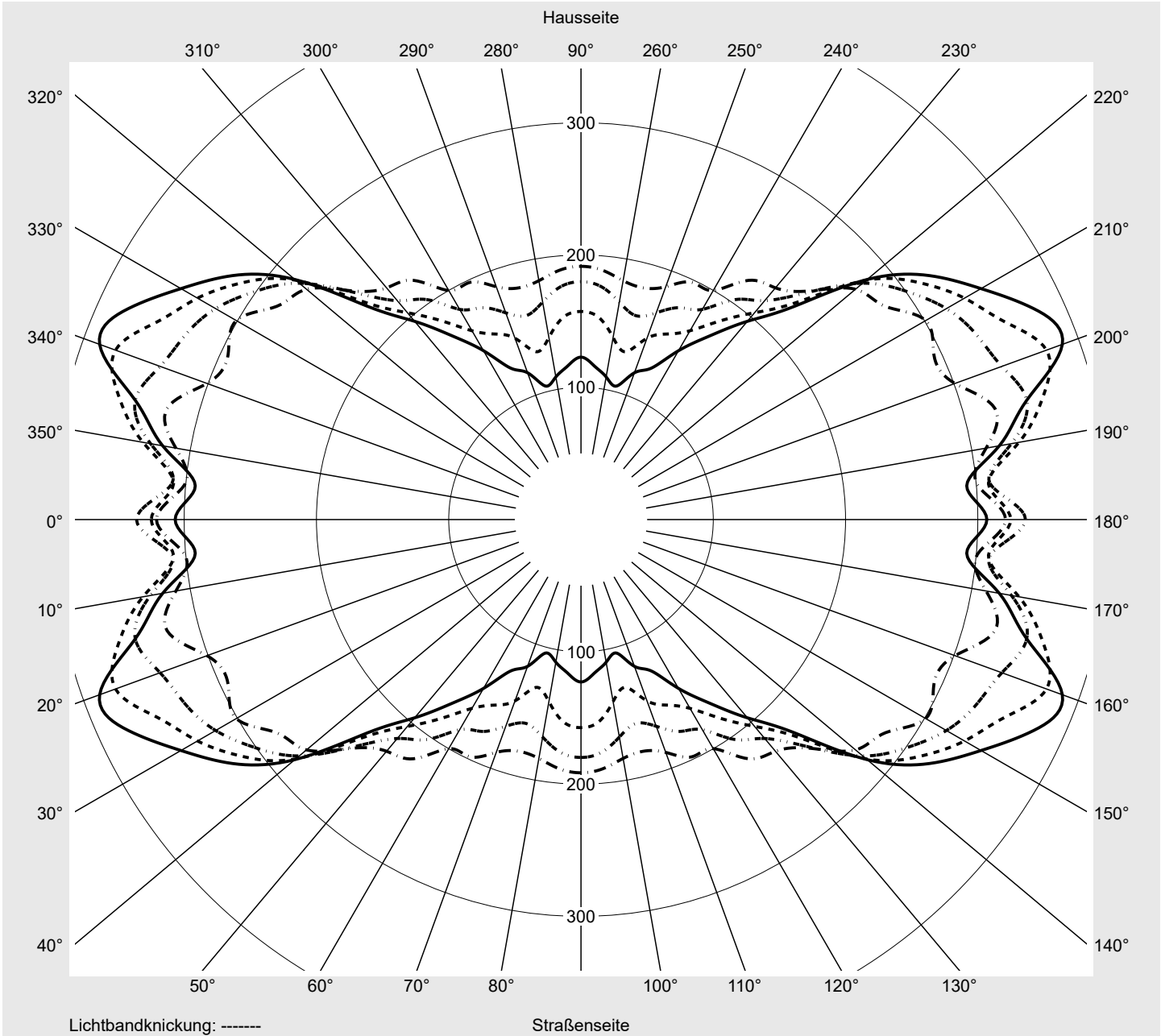
Messbedingungen

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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Wertetabelle Lichtstärkemessung Maximale Lichtstärke

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°	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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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°	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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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°	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
		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°	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.: 5XA5575RF14H000022 EAN: 4058352957127	LP-Nummer 59430_113
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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	3000	18.5	19.7	19.1
95	241	252	2846	17.5	18.6	18.0
90	229	250	2705	16.6	17.6	17.1
85	216	248	2551	15.6	16.6	16.1
80	203	246	2398	14.7	15.6	15.2
75	190	243	2244	13.7	14.6	14.2
70	178	241	2102	12.8	13.6	13.2
65	165	238	1949	11.9	12.6	12.2
60	152	235	1795	11.0	11.6	11.3
55	140	232	1654	10.1	10.8	10.4
50	127	229	1500	9.3	9.8	9.6
45	114	225	1346	8.4	8.9	8.6
40	102	221	1205	7.7	8.1	7.9
35	89	216	1051	6.8	7.2	7.0
30	76	210	898	6.0	6.3	6.2
25	63	203	744	5.2	5.5	5.4
20	51	195	602	4.5	4.7	4.6
18	46	191	543	4.1	4.3	4.2