

Lichttechnischer Prüfbefund

Familie
DL 11 iQ

Bestell-Nr.: 5XA5565JF14H000022
EAN: 4058352955994

LP-Nummer
59430_77



Ausführung Mastaufsatz- oder Montage am Wandausleger
Optik direkt, symmetrisch breit strahlend
 C120010
Abdeckung Abdeckung klar, PMMA
Bestückung LED 3000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 3000 lm
 Systemleistung = 19.3 W
 Lichtausbeute = 155.4 lm/W

Seriendokumentation
01.02.2024

siteco

Lichtstärke in cd/klm

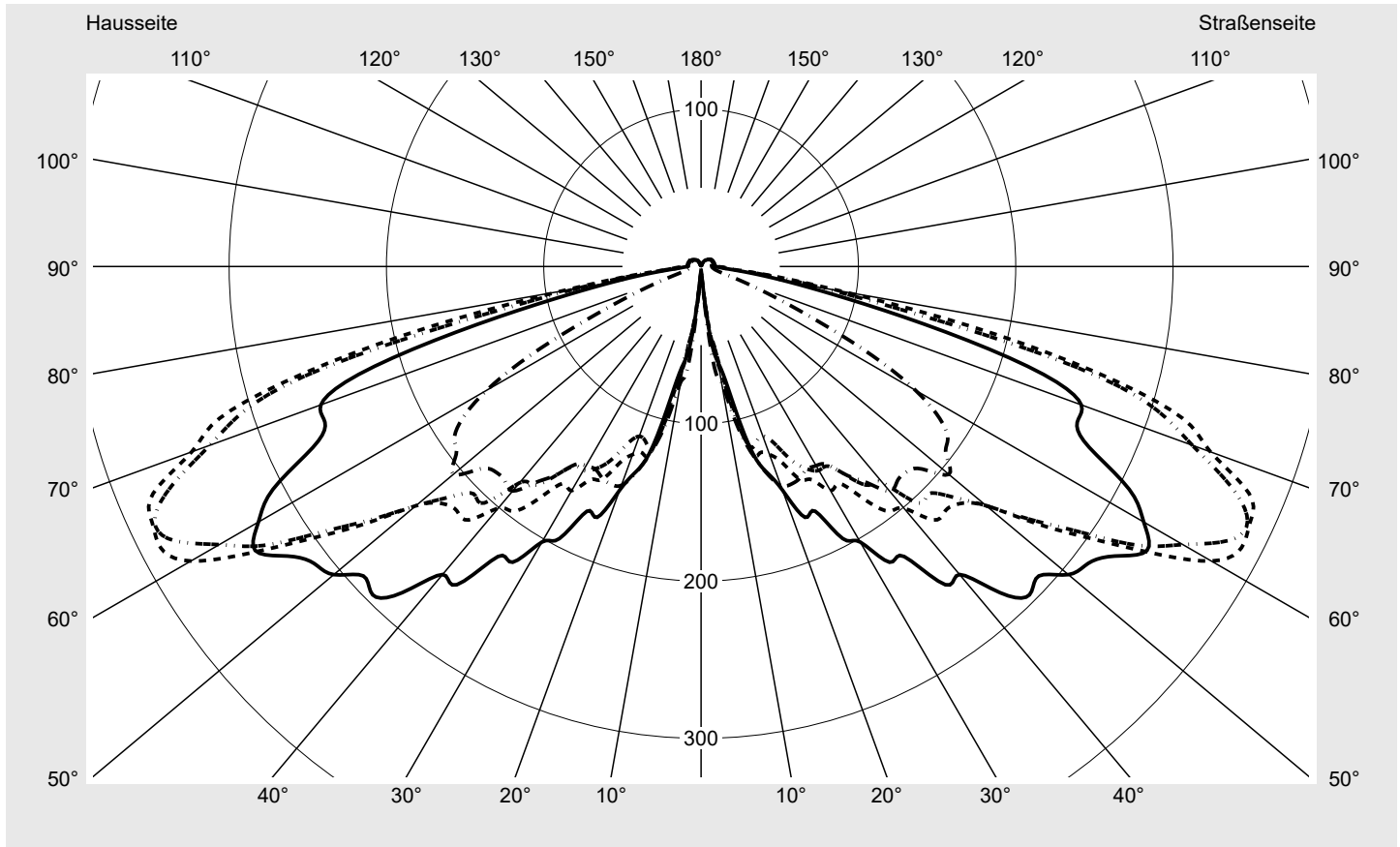
C180-0

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

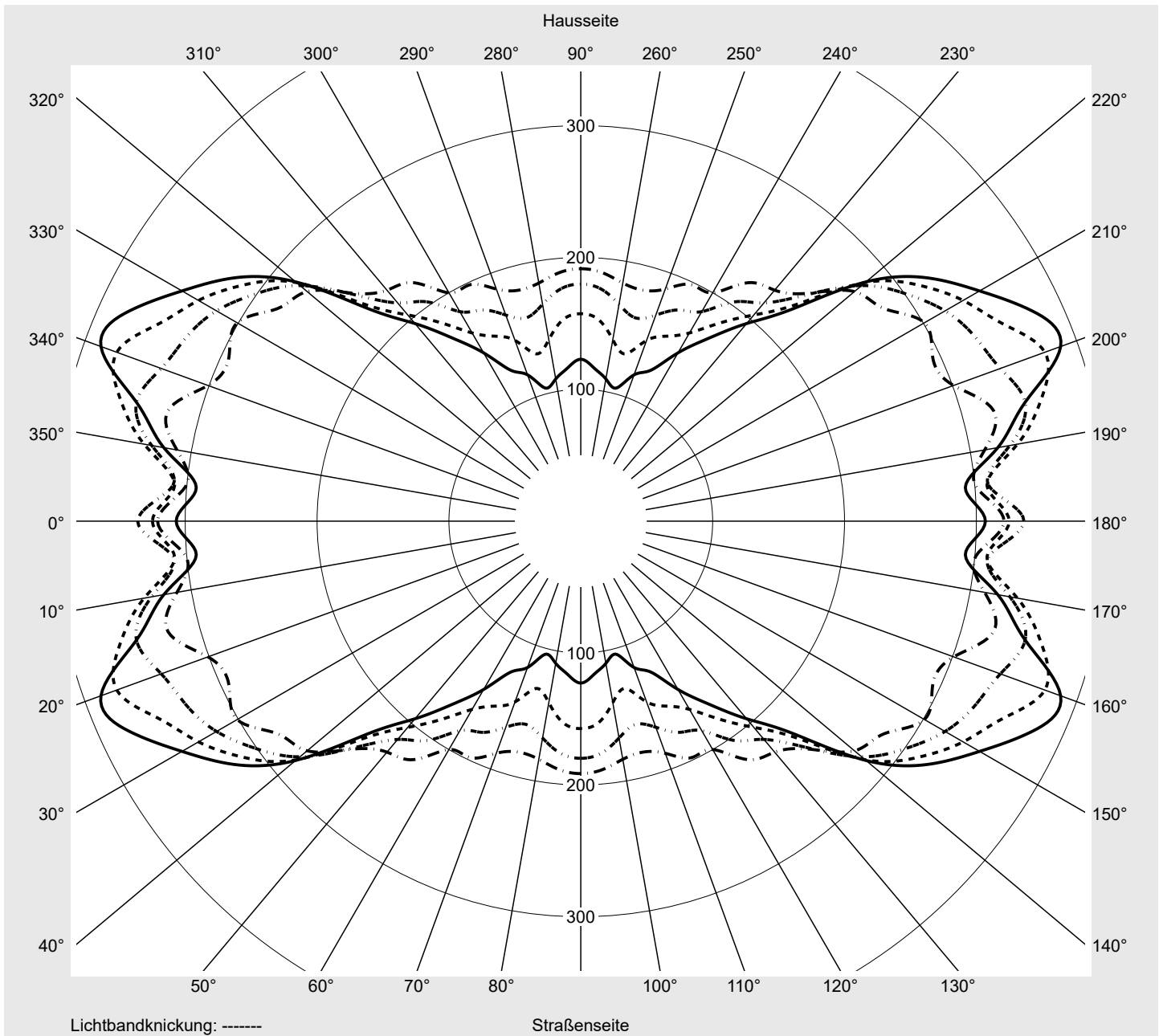
Messbedingungen

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

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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°	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
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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.: 5XA5565JF14H000022 EAN: 4058352955994	LP-Nummer 59430_77
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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	19.3	20.6	20.0
95	241	252	2846	18.3	19.4	18.8
90	229	250	2705	17.3	18.4	17.8
85	216	248	2551	16.3	17.3	16.8
80	203	246	2398	15.2	16.2	15.7
75	190	243	2244	14.2	15.1	14.6
70	178	241	2102	13.3	14.1	13.7
65	165	238	1949	12.4	13.2	12.8
60	152	235	1795	11.4	12.1	11.8
55	140	232	1654	10.5	11.2	10.8
50	127	229	1500	9.6	10.1	9.8
45	114	225	1346	8.7	9.2	9.0
40	102	221	1205	7.9	8.3	8.1
35	89	216	1051	7.1	7.4	7.2
30	76	210	898	6.2	6.5	6.4
25	63	203	744	5.4	5.6	5.5
20	51	195	602	4.6	4.8	4.7
17	44	190	520	4.1	4.3	4.2