

Lichttechnischer Prüfbefund

Familie
LITEPOLE 2

Bestell-Nr.: 5XA5425RF14H
EAN: 4058352836798

LP-Nummer
58891_25



Ausführung	Mastaufsatz- oder Montage am Wandausleger
Optik	direkt, symmetrisch breit strahlend C120009
Abdeckung	Abdeckung klar, PMMA
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 2990 lm Systemleistung = 18.5 W Lichtausbeute = 161.6 lm/W

Seriendokumentation
24.02.2023

siteco

Lichtstärke in cd/klm

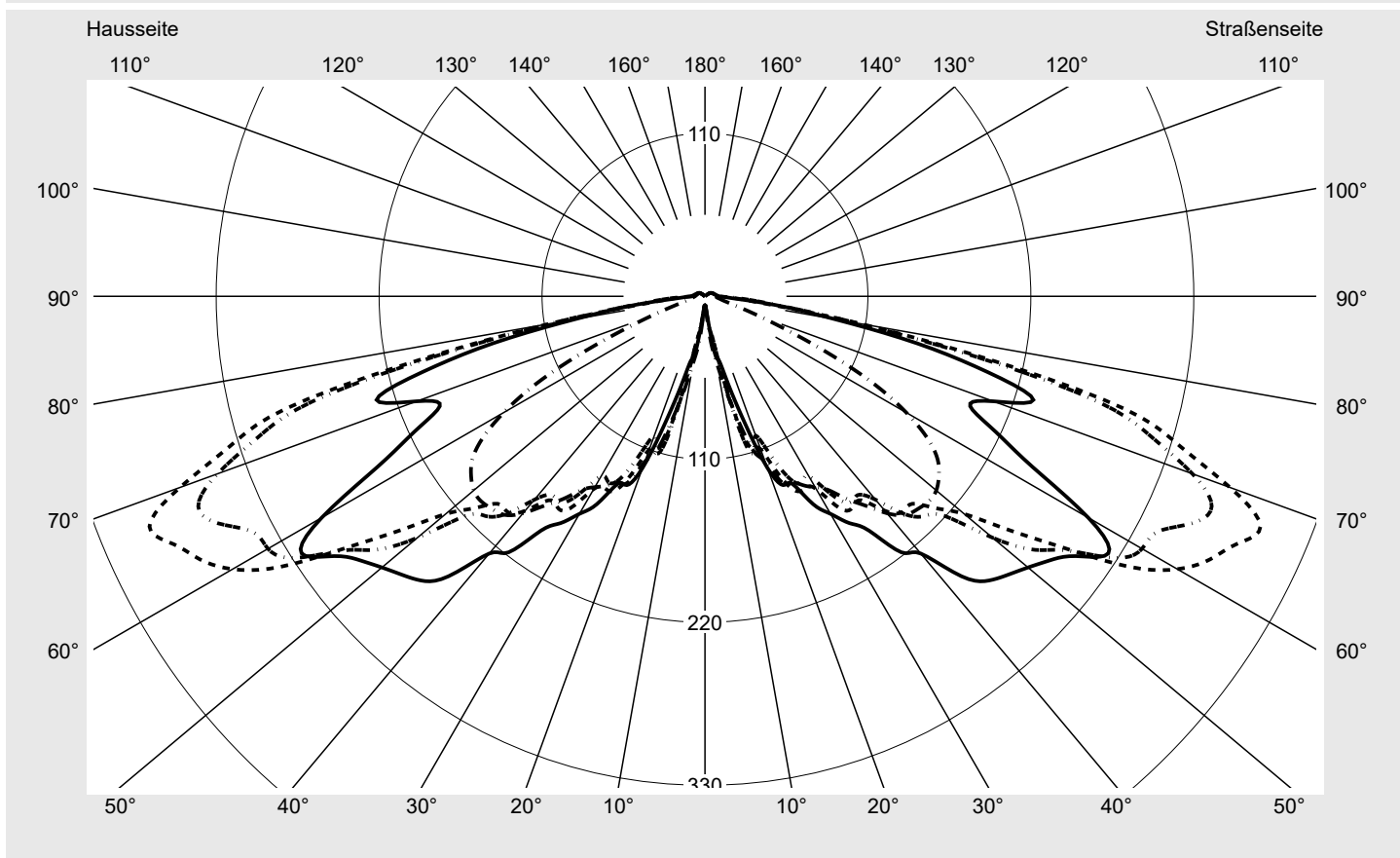
C180-0

C205-25

C210-30

C270-90

Imax: 406 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	97.7%
Eta 90° - 180°	2.3%

Lichtstärkeklasse nach EN13201-2

Klasse:	G2
Imax 70°	377.3
Imax 80°	113.1
Imax 90°	9.2
Imax >90°	8.6
Imax >95°	7.7

Messbedingungen

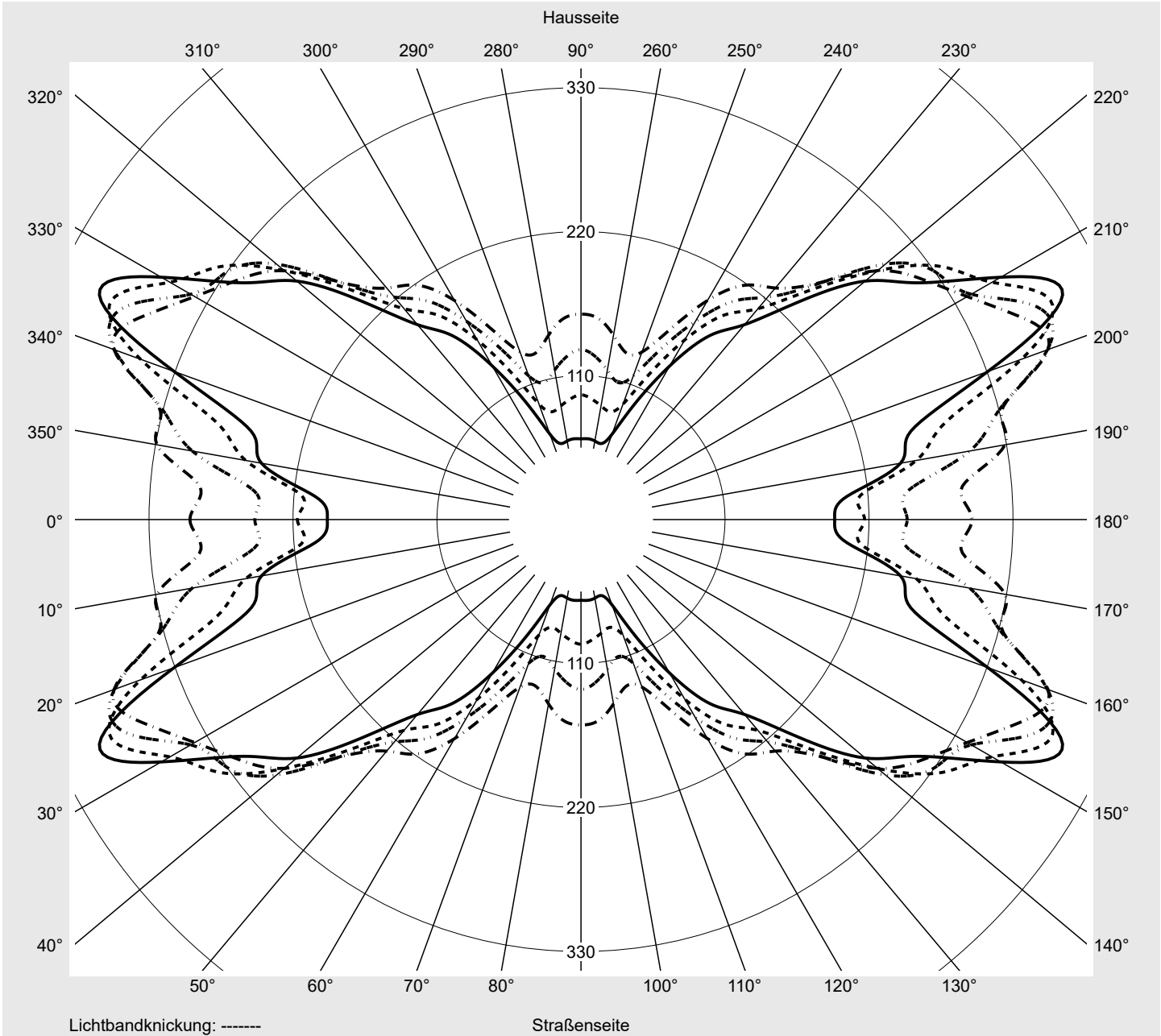
DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 67,5°** **KMK 65°** **KMK 62,5°** **KMK 60°**



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Familie LITEPOLE 2	Bestell-Nr.: 5XA5425RF14H EAN: 4058352836798	LP-Nummer 58891_25
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°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
2,5°	6.1	6.3	6.2	6.3	6.3	6.3	6.3	6.4	6.4	6.6
5,0°	8.2	8.5	8.5	8.7	8.8	9.1	9.5	9.9	10.3	10.6
7,5°	18.6	18.9	19.3	19.8	19.8	20.0	20.1	20.7	20.7	21.1
10,0°	40.3	39.6	39.2	36.2	32.4	28.6	26.2	26.1	27.6	30.0
12,5°	44.9	46.8	52.6	52.5	54.2	52.9	56.0	57.8	57.7	56.0
15,0°	63.1	60.1	81.1	76.8	78.6	93.3	99.7	79.8	84.5	85.1
17,5°	90.3	83.2	102.1	99.4	112.8	107.8	110.0	95.1	101.6	94.7
20,0°	123.3	131.2	127.6	122.2	120.3	109.9	100.0	98.2	102.4	99.1
22,5°	137.9	126.6	136.4	141.5	138.9	130.3	116.6	110.5	100.6	96.7
25,0°	139.7	132.6	140.0	140.1	147.1	144.8	136.1	124.5	112.3	101.5
27,5°	158.2	138.8	146.5	141.3	143.0	146.1	141.4	135.4	126.3	118.8
30,0°	169.5	166.0	174.3	159.0	154.8	150.1	140.0	137.0	137.3	140.3
32,5°	181.5	173.1	183.8	171.5	170.0	169.8	158.2	152.6	149.5	157.6
35,0°	193.1	193.6	190.0	175.8	174.8	173.7	170.1	169.9	166.4	169.0
37,5°	217.8	215.0	210.7	186.8	181.3	173.5	169.2	187.5	191.8	190.6
40,0°	226.6	224.5	225.4	205.2	203.8	188.9	179.2	193.5	200.9	205.9
42,5°	256.3	232.2	238.1	214.3	210.2	197.4	199.3	209.7	210.6	219.6
45,0°	271.2	252.4	257.5	229.3	218.5	198.0	209.7	227.9	227.3	229.4
47,5°	278.0	270.5	281.5	256.8	233.3	211.8	219.3	237.8	248.7	244.7
50,0°	284.7	280.4	308.9	280.7	254.6	228.5	253.4	262.7	255.9	250.9
52,5°	292.9	288.8	320.4	292.2	276.9	259.4	281.1	285.2	260.2	248.0
55,0°	305.7	291.7	317.8	304.1	304.8	296.2	299.2	300.8	276.8	253.1
57,5°	322.9	301.1	324.9	321.0	348.1	339.7	328.7	306.9	287.0	259.0
60,0°	298.8	292.5	328.9	334.1	379.7	368.3	340.7	319.5	295.6	255.3
62,5°	249.2	250.6	301.6	332.5	379.2	384.5	344.2	330.2	303.7	254.0
65,0°	216.7	214.5	260.1	288.8	358.1	395.8	362.6	336.8	295.9	247.9
67,5°	193.8	204.1	247.9	260.9	330.7	405.9	370.3	315.3	283.4	235.2
70,0°	207.1	223.1	254.6	265.3	313.4	377.3	350.2	291.4	262.8	212.9
72,5°	232.4	238.6	245.3	257.8	296.2	336.2	316.5	265.2	220.1	184.8
75,0°	197.5	199.9	216.0	231.6	270.6	292.8	274.6	215.3	164.4	136.8
77,5°	146.6	140.2	154.5	175.2	188.9	195.4	185.1	140.9	109.6	95.3
80,0°	89.3	79.5	95.6	110.5	113.1	106.3	104.5	90.2	75.7	59.9
82,5°	53.9	46.3	52.8	64.1	56.8	48.4	56.0	60.7	53.4	37.4
85,0°	24.6	25.3	29.1	34.5	31.8	26.5	33.2	37.1	28.2	17.7
87,5°	14.2	15.0	15.9	17.0	16.5	16.5	18.6	16.7	14.8	11.6
90,0°	9.0	9.1	9.2	9.1	9.0	8.8	8.7	8.4	8.2	8.1
92,5°	8.4	8.6	8.6	8.5	8.3	8.2	8.0	7.9	7.7	7.5
95,0°	7.9	8.1	8.2	8.0	7.9	7.8	7.6	7.5	7.3	7.2
97,5°	7.3	7.6	7.7	7.6	7.5	7.4	7.2	7.1	6.9	6.9
100,0°	7.0	7.3	7.3	7.3	7.0	7.0	6.9	6.7	6.7	6.5
102,5°	6.6	6.9	7.0	6.9	6.7	6.7	6.5	6.4	6.4	6.2
105,0°	6.3	6.4	6.4	6.4	6.4	6.3	6.1	6.1	6.1	5.9
107,5°	6.0	6.1	6.1	6.1	6.0	6.0	5.8	5.8	5.8	5.6
110,0°	5.7	5.8	5.8	5.8	5.7	5.7	5.7	5.5	5.5	5.4

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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	
0,0°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	0.0	0.0
2,5°	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.6	6.6	0.1	0.1
5,0°	10.8	11.1	11.3	11.5	11.8	12.2	12.4	12.4	12.4	0.2	0.3
7,5°	22.2	23.4	25.1	26.8	28.9	30.4	31.8	32.5	31.9	0.8	1.2
10,0°	32.2	35.0	37.5	37.3	41.7	43.0	46.7	45.0	45.2	1.7	2.9
12,5°	54.7	55.3	54.3	56.2	57.2	59.7	63.2	64.8	65.0	3.3	6.2
15,0°	73.2	71.1	73.9	74.5	80.2	81.2	84.4	86.6	87.0	5.7	11.9
17,5°	90.4	89.8	91.9	92.9	97.0	100.4	103.5	108.1	109.8	8.2	20.0
20,0°	97.8	97.1	103.4	105.4	110.2	114.7	119.1	119.1	118.8	10.4	30.5
22,5°	100.5	104.2	110.6	112.2	114.6	120.2	127.4	131.7	136.0	12.6	43.0
25,0°	104.2	108.1	116.5	120.3	126.9	131.6	135.2	136.7	138.5	14.8	57.8
27,5°	114.6	120.6	128.6	134.8	139.0	140.5	142.1	142.5	143.8	17.2	75.0
30,0°	136.5	131.9	137.1	145.8	149.8	148.3	148.9	147.6	148.7	20.3	95.3
32,5°	157.5	151.3	152.3	160.6	161.1	157.8	155.9	154.1	155.0	23.8	119.1
35,0°	175.5	176.3	172.3	172.8	173.3	165.9	162.7	164.4	167.0	27.3	146.4
37,5°	191.4	197.3	191.9	183.7	182.9	175.3	172.5	175.6	178.1	31.3	177.7
40,0°	199.3	204.8	205.7	195.7	192.1	184.7	183.9	188.0	191.1	35.1	212.9
42,5°	216.2	214.5	215.0	208.2	198.1	190.1	190.9	196.0	200.1	39.0	251.8
45,0°	229.7	225.9	225.5	218.4	201.1	193.3	196.6	201.2	203.1	42.9	294.7
47,5°	238.9	237.0	231.6	220.3	201.2	195.0	198.1	203.8	204.9	46.8	341.5
50,0°	244.6	239.4	229.3	215.1	196.9	191.8	196.0	202.6	203.8	50.6	392.1
52,5°	245.7	241.4	224.4	203.6	187.5	185.0	190.1	197.2	199.0	53.6	445.7
55,0°	246.3	241.9	219.2	191.0	174.0	173.7	179.7	188.9	191.7	56.2	501.9
57,5°	244.0	235.4	209.4	173.1	154.7	155.7	164.2	174.5	177.9	58.8	560.7
60,0°	230.9	218.6	193.3	159.7	136.2	132.1	143.0	154.1	157.0	59.5	620.2
62,5°	221.8	203.8	174.9	143.2	116.8	108.5	115.9	125.1	129.8	57.8	678.0
65,0°	210.3	190.7	158.5	121.7	93.9	85.3	88.2	92.5	95.3	54.6	732.6
67,5°	194.4	171.6	135.5	97.9	69.4	60.1	61.0	61.9	61.7	51.1	783.8
70,0°	176.0	154.0	114.0	81.2	54.1	41.3	38.3	38.6	38.3	48.2	832.0
72,5°	155.0	131.0	97.3	66.0	43.6	27.3	23.3	22.5	23.7	44.4	876.4
75,0°	124.8	108.4	80.3	53.2	33.7	20.9	16.7	15.6	15.9	37.7	914.1
77,5°	102.3	98.5	66.6	36.9	21.3	15.4	13.3	12.1	12.1	27.2	941.3
80,0°	55.1	55.1	38.2	22.3	13.3	11.6	10.9	10.4	10.3	16.5	957.8
82,5°	23.5	18.6	15.5	13.9	11.1	9.7	9.1	9.1	8.8	9.3	967.2
85,0°	12.9	11.4	10.6	10.1	9.5	8.6	8.2	8.2	7.9	5.4	972.6
87,5°	9.7	9.1	8.5	9.1	8.2	7.8	7.4	7.4	7.3	3.4	976.0
90,0°	7.8	7.5	7.4	7.2	7.0	6.8	6.7	6.7	6.7	2.2	978.1
92,5°	7.3	7.2	7.0	6.8	6.7	6.5	6.4	6.4	6.4	2.1	980.2
95,0°	7.0	6.9	6.6	6.6	6.4	6.3	6.1	6.1	6.1	2.0	982.1
97,5°	6.7	6.6	6.4	6.3	6.1	6.0	5.9	5.8	5.8	1.8	984.0
100,0°	6.4	6.3	6.2	6.0	5.9	5.8	5.8	5.7	5.7	1.8	985.8
102,5°	6.1	6.1	5.9	5.8	5.6	5.6	5.5	5.5	5.5	1.7	987.4
105,0°	5.8	5.8	5.6	5.5	5.5	5.4	5.3	5.2	5.2	1.6	989.0
107,5°	5.6	5.5	5.4	5.3	5.2	5.2	5.1	5.1	5.1	1.5	990.5
110,0°	5.4	5.3	5.2	5.2	5.1	5.1	4.9	4.9	4.9	1.4	991.9

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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°	5.2	5.5	5.6	5.6	5.4	5.4	5.4	5.4	5.2	5.2
115,0°	5.2	5.2	5.3	5.3	5.1	5.1	5.1	5.1	5.0	4.9
117,5°	4.8	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.7	4.6
120,0°	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5
122,5°	4.0	4.2	4.2	4.2	4.1	4.0	4.2	4.0	4.0	4.0
125,0°	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3
127,5°	2.4	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
130,0°	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.6	1.6
132,5°	1.3	1.5	1.4	1.5	1.5	1.3	1.3	1.4	1.4	1.3
135,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
137,5°	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
140,0°	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.8	0.9	0.8
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
145,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	5.1	5.1	5.0	5.0	4.9	4.9	4.9	4.8	4.8	1.3	993.2	
115,0°	4.9	4.9	4.8	4.8	4.8	4.6	4.6	4.6	4.6	1.2	994.4	
117,5°	4.6	4.6	4.5	4.6	4.5	4.5	4.5	4.4	4.3	1.1	995.5	
120,0°	4.4	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	1.0	996.6	
122,5°	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	0.9	997.5	
125,0°	3.2	3.2	3.2	3.2	3.1	3.2	3.2	3.1	3.1	0.7	998.2	
127,5°	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.1	0.5	998.7	
130,0°	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	0.3	999.1	
132,5°	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	0.3	999.3	
135,0°	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.2	999.6	
137,5°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.2	999.8	
140,0°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.1	999.9	
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.1	1000.0	
145,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0	
147,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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 LITEPOLE 2	Bestell-Nr.: 5XA5425RF14H EAN: 4058352836798	LP-Nummer 58891_25
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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	2990	18.5	19.7	19.1
95	241	252	2837	17.5	18.6	18.0
90	229	250	2696	16.6	17.6	17.1
85	216	248	2543	15.6	16.6	16.1
80	203	246	2390	14.7	15.6	15.2
75	190	243	2237	13.7	14.6	14.2
70	178	241	2095	12.8	13.6	13.2
65	165	238	1942	11.9	12.6	12.2
60	152	235	1789	11.0	11.6	11.3
55	140	232	1648	10.1	10.8	10.4
50	127	229	1495	9.3	9.8	9.6
45	114	225	1342	8.4	8.9	8.6
40	102	221	1201	7.7	8.1	7.9
35	89	216	1048	6.8	7.2	7.0
30	76	210	895	6.0	6.3	6.2
25	63	203	742	5.2	5.5	5.4
20	51	195	600	4.5	4.7	4.6
18	46	191	541	4.1	4.3	4.2