

## Lichttechnischer Prüfbefund

Familie  
LITEPOLE 1

Bestell-Nr.: 5XA5415OF14H  
EAN: 4058352836453

LP-Nummer  
57850\_32



<b>Ausführung</b>	Mastaufsatz- oder Montage am Wandausleger
<b>Optik</b>	symmetrisch, breit strahlend (PL1.2s)
<b>Abdeckung</b>	Abdeckung klar, PMMA
<b>Bestückung</b>	LED 2700 K   CRI ≥ 70
<b>Betriebsgerät</b>	EVG SITECO iQ
<b>Bemessungswerte</b>	Nettolichtstrom = 2970 lm Systemleistung = 21.8 W Lichtausbeute = 136.2 lm/W

Seriendokumentation  
24.02.2023

siteco

Lichtstärke in cd/klm

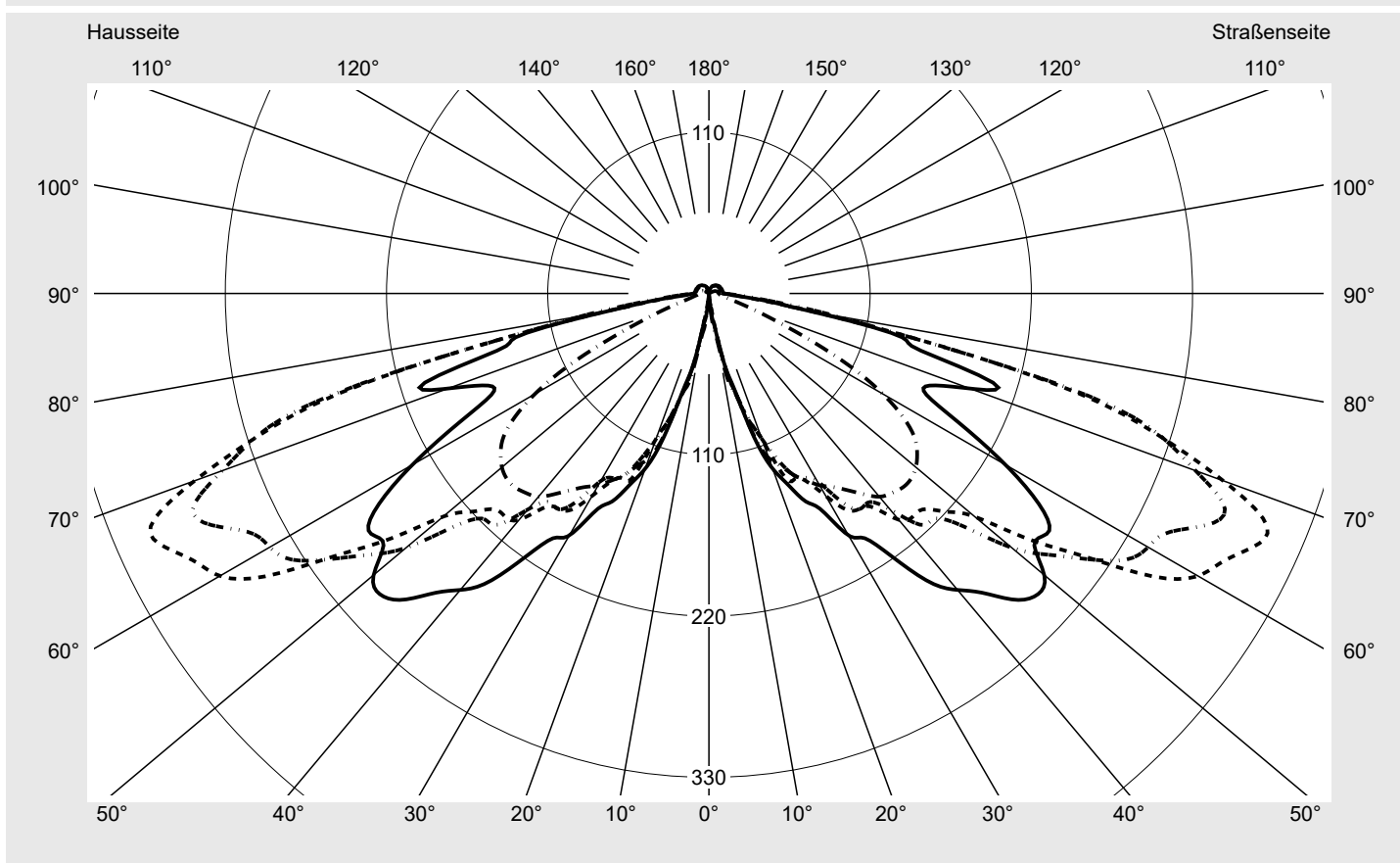
C180-0

C205-25

C210-30

C270-90

Imax: 412 cd/klm



## Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	95.7%
Eta 90° - 180°	4.3%

## Lichtstärkeklasse nach EN13201-2

Klasse:	G3
Imax 70°	373.5
Imax 80°	89.1
Imax 90°	10.5
Imax >90°	9.8
Imax >95°	9.4

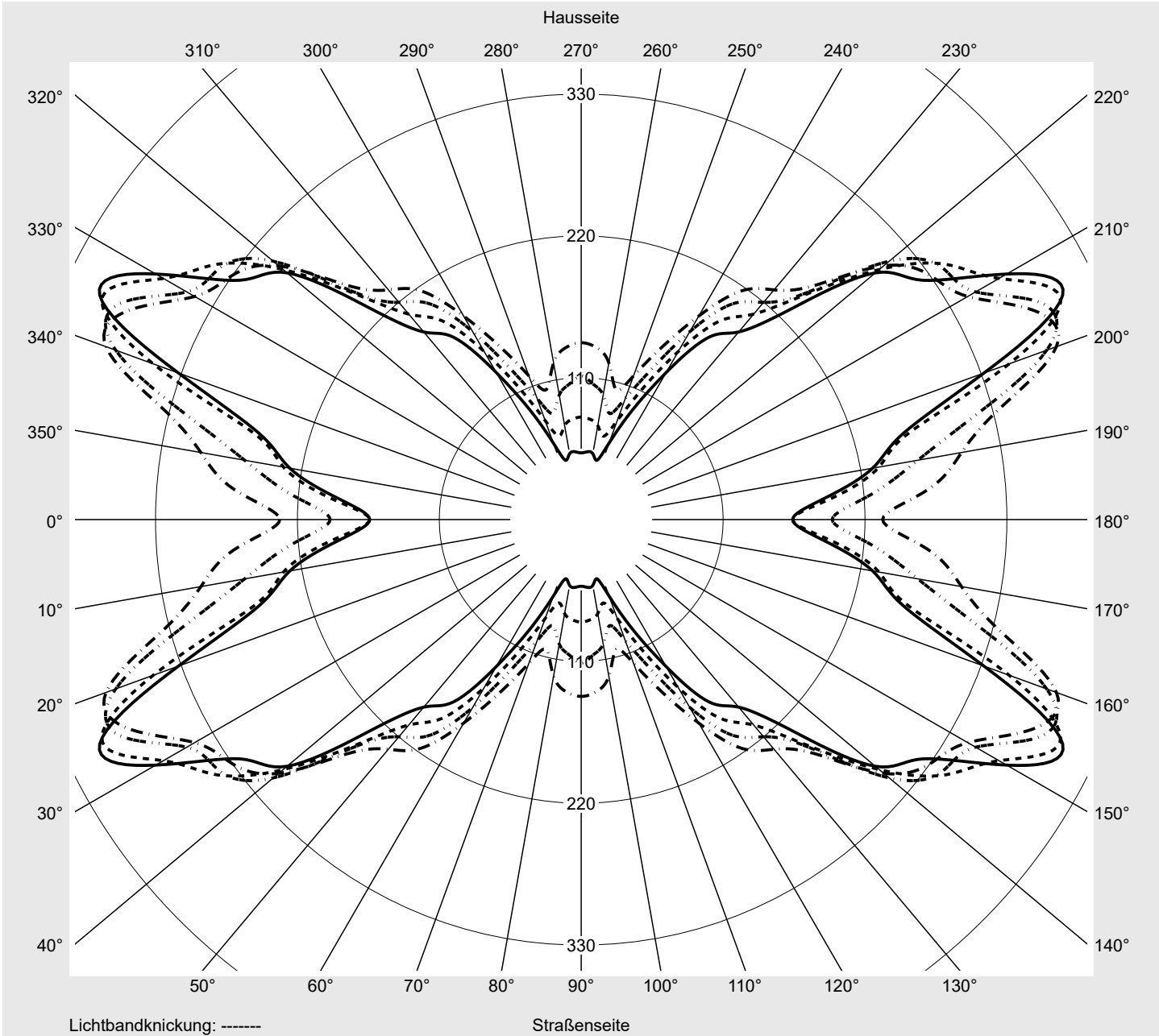
## Messbedingungen

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

<b>Familie</b> LITEPOLE 1	<b>Bestell-Nr.:</b> 5XA5415OF14H <b>EAN:</b> 4058352836453	<b>LP-Nummer</b> 57850_32
------------------------------	---	------------------------------

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



## Lichttechnischer Prüfbefund

<b>Familie</b> <b>LITEPOLE 1</b>	<b>Bestell-Nr.: 5XA5415OF14H</b> <b>EAN: 4058352836453</b>	<b>LP-Nummer</b> <b>57850_32</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2,5°	1.6	1.6	1.6	1.6	1.6	1.7	1.8	2.0	2.0	2.1
5,0°	3.7	3.8	3.8	3.8	4.1	4.3	4.6	4.6	4.9	5.4
7,5°	16.8	15.1	13.9	11.7	9.6	8.2	7.6	7.4	8.1	9.4
10,0°	23.9	24.6	25.0	26.2	25.1	22.6	19.7	20.0	23.0	26.6
12,5°	50.9	46.4	46.8	46.8	45.2	51.7	51.5	51.2	46.5	43.4
15,0°	68.7	57.0	68.0	68.3	70.4	71.1	70.4	68.1	67.6	67.4
17,5°	103.4	89.4	90.2	84.7	88.1	91.2	89.2	85.9	84.8	81.8
20,0°	127.2	117.4	119.9	117.7	113.5	105.4	105.6	95.7	95.2	96.9
22,5°	141.3	136.0	150.3	147.3	146.5	135.8	122.7	113.2	102.2	96.5
25,0°	156.6	147.9	140.6	138.4	146.5	139.2	136.6	129.2	113.2	106.9
27,5°	166.6	162.5	158.9	150.9	151.3	144.5	141.9	138.6	133.6	123.1
30,0°	190.5	184.5	179.4	169.2	172.1	159.4	147.6	141.4	137.7	141.0
32,5°	197.9	193.0	189.2	185.3	185.1	174.9	168.4	155.2	154.8	162.3
35,0°	220.4	217.7	205.2	189.8	187.3	179.2	179.5	179.0	182.2	179.3
37,5°	248.6	242.9	228.2	209.5	205.1	183.8	179.4	194.0	205.2	200.4
40,0°	263.9	250.5	234.3	220.2	225.7	201.5	192.3	200.7	217.6	221.1
42,5°	277.0	267.0	248.5	232.8	229.2	206.2	214.1	223.1	224.0	232.8
45,0°	295.4	289.6	274.7	249.2	237.9	208.0	217.4	239.7	248.7	241.1
47,5°	304.0	302.2	305.5	281.0	254.1	220.4	234.6	252.3	261.5	253.8
50,0°	298.7	307.9	335.2	300.9	274.5	236.7	269.9	276.2	266.7	258.0
52,5°	279.9	302.2	335.4	316.4	297.8	275.5	292.8	299.1	275.0	256.2
55,0°	283.2	302.1	319.1	330.8	330.3	312.6	316.0	310.5	288.1	258.2
57,5°	266.8	303.4	320.4	340.8	367.5	359.1	337.7	318.1	295.3	260.4
60,0°	233.7	270.4	299.4	337.1	392.0	385.3	346.0	330.2	306.2	257.1
62,5°	194.6	226.1	265.0	318.5	384.0	395.6	353.1	341.2	311.8	249.9
65,0°	164.0	196.1	234.4	265.0	353.1	409.4	374.0	345.1	301.7	247.4
67,5°	164.0	189.4	229.4	258.6	332.2	411.8	380.9	323.5	297.7	231.9
70,0°	189.5	207.3	242.0	265.8	314.2	373.5	353.4	301.5	260.7	208.3
72,5°	204.2	210.6	228.2	252.8	298.5	321.8	323.2	267.8	206.7	169.0
75,0°	148.2	177.3	192.0	214.9	251.7	257.6	264.8	195.8	143.4	122.3
77,5°	132.1	130.1	130.1	148.4	153.1	151.3	149.4	113.1	93.2	84.3
80,0°	72.0	68.2	71.8	89.1	73.6	74.9	87.1	77.3	64.4	47.0
82,5°	40.5	38.6	39.9	53.4	37.6	36.6	48.0	55.0	42.9	30.8
85,0°	19.2	19.3	20.1	23.3	19.7	21.5	27.4	30.1	19.7	15.9
87,5°	13.7	13.8	14.1	14.8	14.4	15.3	16.4	14.8	13.6	11.4
90,0°	10.4	10.5	10.2	10.1	9.9	10.0	9.6	9.1	8.8	8.6
92,5°	9.8	9.7	9.6	9.4	9.3	9.2	9.0	8.9	8.6	8.5
95,0°	9.4	9.5	9.3	9.1	9.1	9.0	8.8	8.6	8.4	8.2
97,5°	9.4	9.4	9.2	9.0	8.9	8.8	8.6	8.6	8.4	8.2
100,0°	9.4	9.3	9.2	9.0	8.9	8.8	8.6	8.5	8.3	8.2
102,5°	9.4	9.2	9.0	8.9	8.8	8.6	8.6	8.4	8.2	8.2
105,0°	9.2	9.1	9.0	8.9	8.7	8.6	8.5	8.3	8.2	8.1
107,5°	9.2	9.1	8.9	8.7	8.6	8.6	8.4	8.2	8.1	8.0
110,0°	9.2	9.0	8.8	8.6	8.5	8.4	8.3	8.2	8.1	7.9

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>LITEPOLE 1</b>	<b>Bestell-Nr.: 5XA5415OF14H</b> <b>EAN: 4058352836453</b>	<b>LP-Nummer</b> <b>57850_32</b>
-------------------------------------	---	-------------------------------------

<b>Wertetabelle Lichtstärkemessung</b>	<b>Maximale Lichtstärke</b>	<b>siteco</b>
--	-----------------------------	---------------

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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.0	0.0
2,5°	2.2	2.4	2.4	2.4	2.4	2.4	2.2	2.2	2.2	0.0	0.0
5,0°	5.9	6.4	7.0	7.3	7.6	7.9	7.9	8.0	8.0	0.1	0.2
7,5°	11.1	14.3	16.0	17.1	18.7	20.0	21.3	22.5	23.3	0.5	0.7
10,0°	28.9	30.3	31.6	31.0	30.2	30.0	29.7	30.8	32.5	1.3	1.9
12,5°	39.6	39.8	40.3	42.8	46.8	49.4	52.6	56.1	61.1	2.8	4.8
15,0°	71.5	66.2	62.2	60.8	62.0	67.4	71.6	70.9	71.4	4.8	9.5
17,5°	80.6	76.6	76.9	77.3	79.6	87.1	95.1	99.3	101.0	7.1	16.7
20,0°	97.3	95.2	94.8	91.6	90.6	95.2	109.4	116.2	119.6	9.8	26.5
22,5°	99.5	104.4	108.7	104.5	107.4	107.7	120.2	125.9	127.0	12.6	39.1
25,0°	107.3	113.5	118.9	119.0	119.3	119.3	126.0	133.0	136.6	14.8	53.9
27,5°	116.3	118.7	129.9	133.8	133.4	132.9	133.8	141.1	143.7	17.6	71.5
30,0°	138.7	138.7	144.1	148.1	143.9	139.8	141.2	150.0	151.1	20.9	92.4
32,5°	164.6	159.2	155.0	158.5	154.9	147.1	151.4	155.7	156.4	24.5	116.9
35,0°	183.9	186.0	175.6	173.1	166.3	153.6	156.6	162.2	163.6	28.4	145.2
37,5°	197.9	208.0	199.9	187.1	175.3	159.0	166.6	170.8	172.3	32.7	177.9
40,0°	210.6	215.3	213.2	196.7	180.5	165.0	173.3	179.7	180.9	36.4	214.3
42,5°	228.6	221.5	220.8	206.1	182.0	165.7	178.0	183.2	184.6	40.1	254.4
45,0°	239.8	231.5	223.5	212.2	181.2	167.6	179.1	186.0	187.1	43.8	298.2
47,5°	246.6	239.6	225.6	210.3	180.1	165.8	180.9	186.0	187.1	47.7	345.9
50,0°	251.4	241.0	222.6	204.2	173.4	161.7	176.6	183.6	184.4	51.1	397.0
52,5°	252.2	243.5	219.6	193.1	165.2	152.8	171.5	177.8	179.1	53.8	450.8
55,0°	250.7	241.7	212.5	180.1	151.8	141.4	160.0	168.9	171.3	56.2	507.0
57,5°	245.9	234.6	201.8	163.7	135.9	125.1	145.5	153.7	157.2	58.1	565.1
60,0°	232.6	216.5	182.3	147.1	118.6	104.4	123.4	134.0	137.2	57.6	622.7
62,5°	219.9	204.1	168.2	128.3	100.2	85.2	98.0	105.5	111.2	55.5	678.2
65,0°	208.0	188.3	150.5	111.3	81.7	67.0	74.0	78.1	79.5	52.5	730.7
67,5°	189.9	172.7	131.6	93.3	63.1	47.6	51.8	52.7	51.7	50.2	780.9
70,0°	172.3	152.3	112.4	79.0	50.4	30.4	32.4	32.7	33.5	47.2	828.1
72,5°	141.8	125.5	95.2	61.0	41.5	23.0	21.1	20.3	21.3	42.4	870.5
75,0°	117.2	109.1	80.4	45.6	26.3	18.8	15.8	14.5	14.7	34.3	904.8
77,5°	87.0	87.7	64.9	31.9	17.0	13.4	12.7	11.4	11.7	23.1	927.9
80,0°	40.3	41.8	30.0	15.4	12.5	10.5	10.4	9.7	9.8	13.0	940.8
82,5°	21.0	16.2	13.5	11.4	10.3	9.3	8.6	8.4	8.2	7.6	948.5
85,0°	11.3	10.6	10.0	9.5	8.8	8.2	8.0	7.7	7.4	4.3	952.8
87,5°	9.6	9.1	8.7	8.3	7.8	7.6	7.5	7.2	7.2	3.1	955.9
90,0°	8.3	8.1	7.8	7.7	7.4	7.2	7.1	6.7	6.7	2.4	958.3
92,5°	8.2	7.9	7.7	7.5	7.4	7.1	7.0	6.6	6.5	2.3	960.5
95,0°	8.1	7.8	7.7	7.4	7.2	7.1	6.7	6.5	6.7	2.2	962.8
97,5°	8.0	7.7	7.5	7.4	7.3	7.1	6.8	6.6	6.3	2.2	965.0
100,0°	8.0	7.8	7.5	7.4	7.3	7.1	6.7	6.5	6.5	2.2	967.1
102,5°	8.0	7.6	7.5	7.4	7.2	7.0	6.7	6.5	6.3	2.1	969.3
105,0°	7.8	7.6	7.4	7.4	7.1	7.0	6.7	6.3	5.5	2.1	971.3
107,5°	7.8	7.5	7.4	7.3	7.1	7.0	6.7	6.2	5.1	2.0	973.4
110,0°	7.7	7.5	7.4	7.3	7.0	6.8	6.6	6.0	4.7	2.0	975.4

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>LITEPOLE 1</b>	<b>Bestell-Nr.: 5XA5415OF14H</b> <b>EAN: 4058352836453</b>	<b>LP-Nummer</b> <b>57850_32</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°
		Lichtstärke in cd/klm								
γ										
112,5°	9.0	8.7	8.6	8.5	8.5	8.4	8.1	8.1	8.0	7.8
115,0°	8.8	8.7	8.6	8.5	8.5	8.2	8.1	8.0	8.0	7.8
117,5°	8.8	8.7	8.6	8.5	8.3	8.2	8.1	7.9	7.9	7.7
120,0°	8.8	8.7	8.6	8.3	8.3	8.1	8.0	7.9	7.8	7.7
122,5°	8.6	8.6	8.4	8.2	8.2	8.1	7.9	7.8	7.8	7.7
125,0°	8.6	8.3	8.2	8.2	8.1	8.0	7.8	7.7	7.7	7.7
127,5°	8.2	8.3	8.2	8.0	8.0	7.8	7.7	7.6	7.6	7.4
130,0°	8.2	8.0	8.0	7.8	7.7	7.7	7.5	7.4	7.4	7.3
132,5°	8.0	7.9	7.8	7.8	7.7	7.6	7.4	7.3	7.3	7.3
135,0°	7.8	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0
137,5°	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0	7.0	6.8
140,0°	7.4	7.1	7.1	7.0	6.8	7.0	6.7	6.7	6.6	6.5
142,5°	7.0	7.0	6.8	6.7	6.7	6.6	6.5	6.5	6.5	6.4
145,0°	6.5	6.5	6.5	6.4	6.4	6.5	6.3	6.3	6.2	6.1
147,5°	6.3	6.2	6.3	6.2	6.1	6.1	6.0	6.0	6.0	5.9
150,0°	6.1	6.1	6.0	5.9	5.8	5.8	5.8	5.8	5.7	5.7
165,0°	3.3	3.3	3.3	3.4	3.3	3.3	3.3	3.3	3.3	3.3
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C- Ebenen	50°	55°	60°	65°	70°	75°	80°	85°	90° 270°	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°				
		Lichtstärke in cd/klm									Lichtstrom in lm/klm	
γ												
112,5°	7.7	7.5	7.4	7.1	7.0	6.6	6.5	5.8	4.3	1.9	977.3	
115,0°	7.7	7.4	7.4	7.1	7.0	6.6	6.5	5.2	3.1	1.9	979.2	
117,5°	7.6	7.4	7.2	7.0	6.8	6.6	6.5	4.7	2.2	1.8	981.0	
120,0°	7.5	7.4	7.3	7.0	6.7	6.6	6.5	4.3	2.2	1.7	982.7	
122,5°	7.4	7.3	7.1	7.0	6.7	6.5	6.4	3.9	2.2	1.7	984.4	
125,0°	7.4	7.1	7.0	6.8	6.5	6.5	6.2	3.7	2.2	1.6	986.0	
127,5°	7.3	7.1	7.0	6.6	6.5	6.4	5.9	3.6	2.2	1.5	987.5	
130,0°	7.1	7.0	6.7	6.6	6.5	6.2	5.5	3.4	2.2	1.4	988.9	
132,5°	7.0	7.0	6.6	6.5	6.5	6.1	5.2	3.4	2.2	1.4	990.3	
135,0°	6.8	6.6	6.5	6.4	6.1	6.1	4.8	3.2	2.2	1.3	991.6	
137,5°	6.6	6.5	6.4	6.2	6.1	5.7	4.5	3.1	2.2	1.2	992.7	
140,0°	6.5	6.2	6.1	6.0	5.7	5.4	4.2	3.0	2.2	1.1	993.8	
142,5°	6.2	6.1	5.9	5.7	5.7	5.0	4.0	3.0	2.2	1.0	994.8	
145,0°	6.1	5.9	5.7	5.7	5.6	4.7	3.7	2.9	2.2	0.9	995.7	
147,5°	5.7	5.7	5.6	5.5	5.2	4.3	3.7	2.9	2.0	0.8	996.5	
150,0°	5.7	5.4	5.4	5.3	4.8	4.0	3.6	2.8	2.2	2.3	998.7	
165,0°	3.3	2.9	2.9	2.6	2.5	2.1	2.0	1.9	1.8	1.2	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

<b>Familie</b> LITEPOLE 1	<b>Bestell-Nr.: 5XA5415OF14H</b> <b>EAN: 4058352836453</b>	<b>LP-Nummer</b> <b>57850_32</b>
------------------------------	---	-------------------------------------

<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 25°C	<b>siteco</b>
---------------------------	---------------------------	---------------

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	2970	21.8	23.2	22.5
95	241	252	2818	20.6	21.9	21.2
90	229	250	2678	19.4	20.7	20.0
85	216	248	2526	18.3	19.4	18.8
80	203	246	2374	17.1	18.2	17.6
75	190	243	2222	15.9	16.9	16.4
70	178	241	2081	14.9	15.8	15.4
65	165	238	1929	13.8	14.7	14.2
60	152	235	1777	12.7	13.5	13.1
55	140	232	1637	11.7	12.4	12.0
50	127	229	1485	10.7	11.3	11.0
45	114	225	1333	9.6	10.1	9.8
40	102	221	1193	8.7	9.2	9.0
35	89	216	1041	7.7	8.1	7.9
30	76	210	889	6.8	7.1	7.0
25	63	203	737	5.8	6.1	5.9
20	51	195	596	5.0	5.2	5.1
15	39	185	456	4.0	4.3	4.2