

Lichttechnischer Prüfbefund

Familie
Floodlight FL21 micro

Bestell-Nr.: 5XA7762A4E2A
EAN: 4058352670040

LP-Nummer
59252_88



Ausführung Designbügel
Optik direkt, asymmetrisch tief strahlend,
asymmetrisch breit strahlend
A640002
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 4000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 2980 lm
Systemleistung = 23.1 W
Lichtausbeute = 129 lm/W

Seriendokumentation
05.07.2022

siteco

Lichtstärke in cd/klm

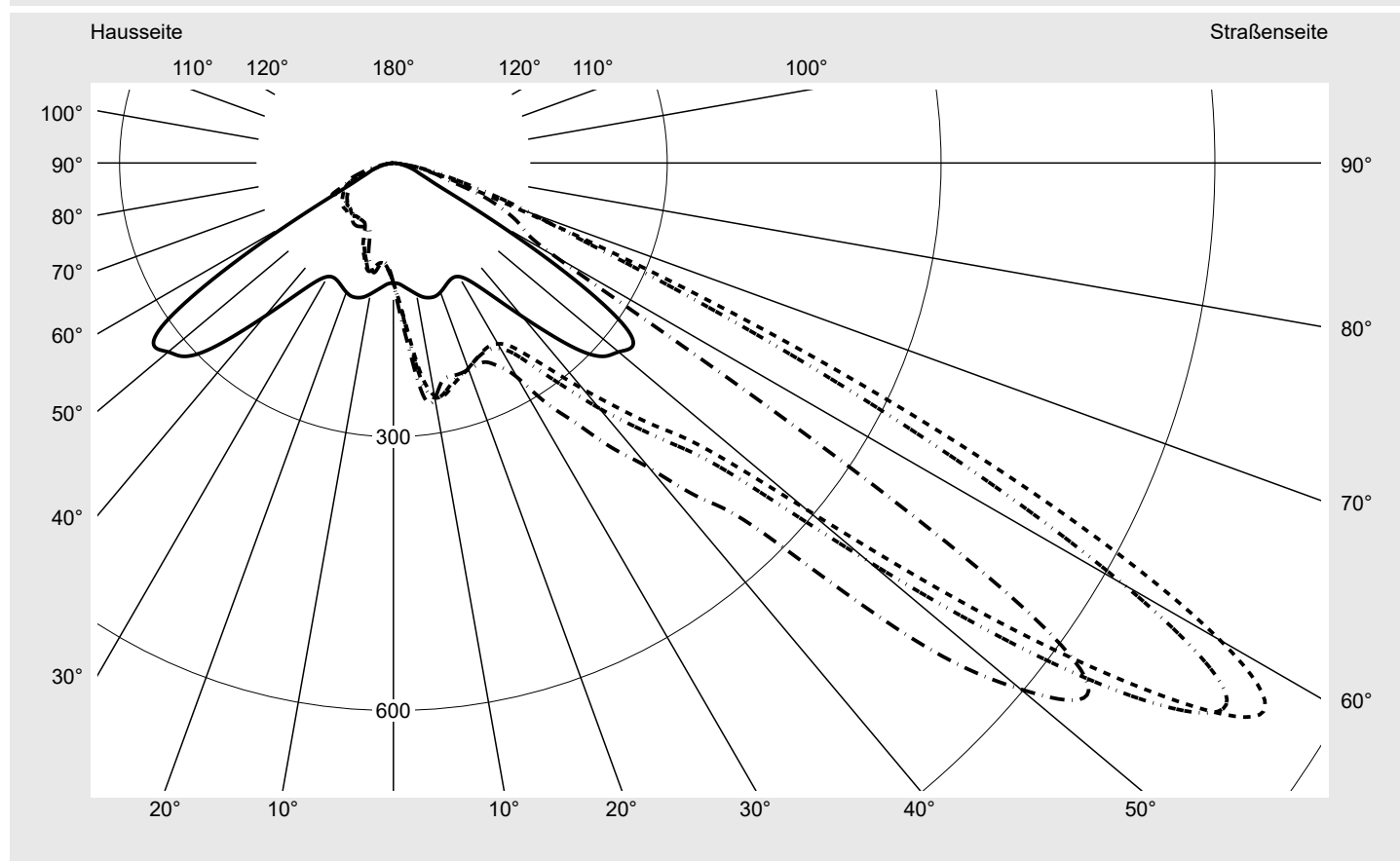
C180-0

C230-50

C235-55

C270-90

Imax: 1125 cd/klm



Leuchtenbetriebswirkungsgrade

Eta 100.0%
Eta 0° - 90° 100.0%
Eta 90° - 180° 0.0%

Lichtstärkeklasse nach EN13201-2

Klasse: G6
Imax 70° 159.0
Imax 80° 26.3
Imax 90° 0.0
Imax >90° 0.0
Imax >95° 0.0

Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm

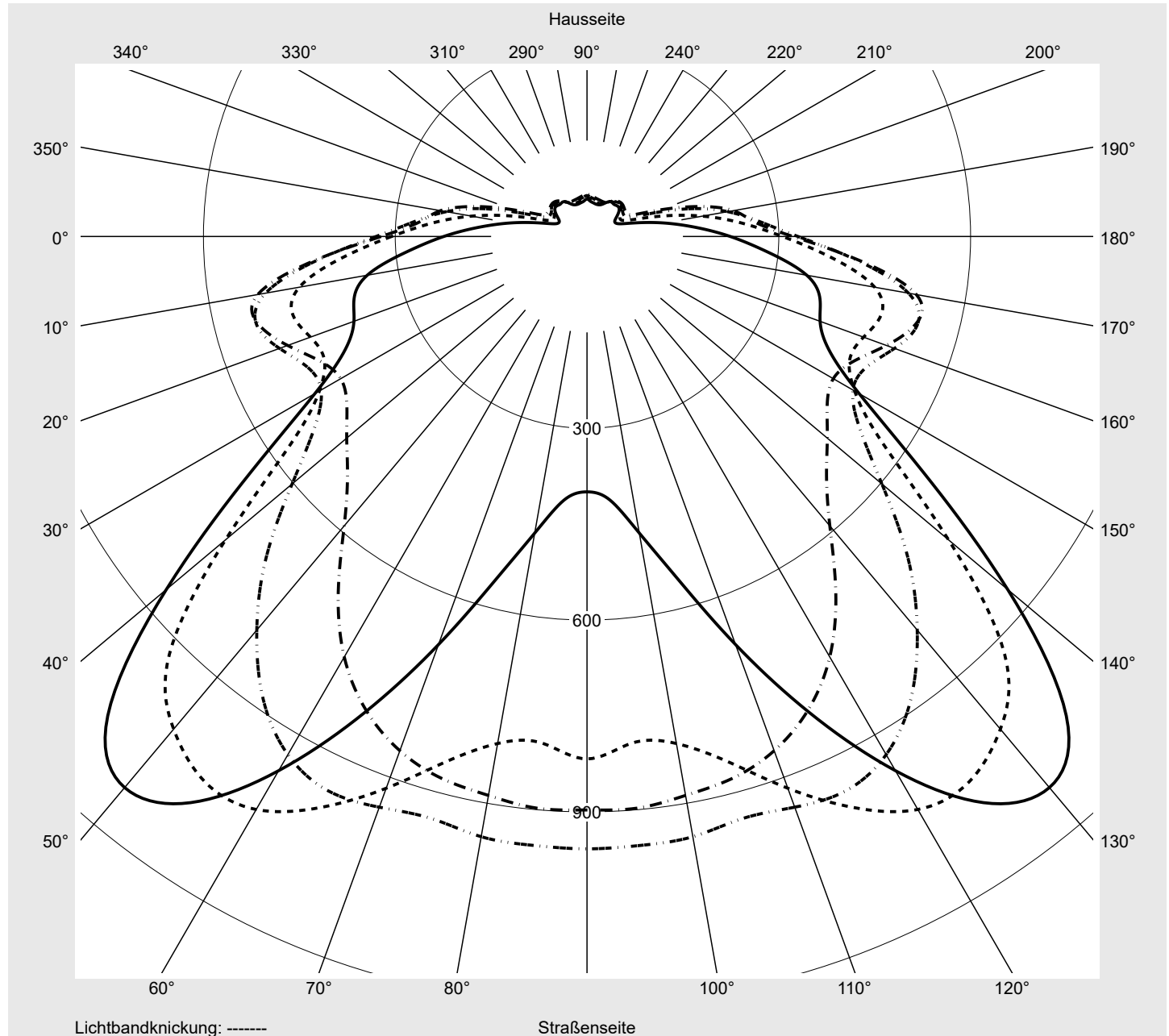
KMK 57,5°

KMK 55°

KMK 52,5°

KMK 50°

siteco



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Familie Floodlight FL21 micro				Bestell-Nr.: 5XA7762A4E2A EAN: 4058352670040								LP-Nummer 59252_88	
Wertetabelle Lichtstärkemessung												siteco	
C- Ebenen	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
γ	Lichtstärke in cd/klm												
0,0°	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6
2,5°	132.4	134.5	136.5	138.6	140.7	142.9	145.0	147.2	149.3	151.1	152.6	154.1	155.5
5,0°	136.2	140.7	145.2	150.1	155.2	160.1	165.5	171.2	177.1	182.6	187.7	192.3	196.7
7,5°	140.7	147.8	155.4	163.1	171.8	181.2	191.0	201.4	212.6	224.1	234.3	242.3	248.0
10,0°	145.8	155.5	166.0	177.1	189.8	203.4	219.6	236.2	247.5	254.2	258.8	261.3	262.6
12,5°	150.4	163.4	176.8	191.2	208.5	228.7	244.2	253.7	259.4	261.0	260.3	258.1	255.4
15,0°	152.7	169.1	184.5	203.0	225.6	243.0	253.7	258.5	258.2	255.7	252.1	249.2	247.0
17,5°	153.0	171.4	189.1	213.7	236.0	249.5	254.3	253.6	250.3	247.3	245.3	243.9	243.1
20,0°	150.7	170.1	191.9	220.1	239.7	247.8	247.7	244.7	242.2	240.9	239.8	239.4	239.0
22,5°	146.9	167.3	194.1	222.9	239.1	241.1	238.4	236.2	234.8	234.0	233.9	234.1	234.5
25,0°	143.3	166.0	197.5	224.2	235.4	233.9	231.7	229.8	228.3	228.4	229.2	230.5	231.6
27,5°	141.6	168.5	202.2	227.6	232.9	229.8	227.0	224.2	223.4	224.5	226.5	230.0	233.3
30,0°	143.8	174.8	209.4	232.3	233.6	228.8	223.8	220.7	220.7	223.4	228.9	235.1	241.0
32,5°	151.9	186.1	221.0	239.6	236.5	229.5	222.7	220.1	222.5	229.3	237.7	248.7	261.9
35,0°	167.3	204.1	238.0	252.1	245.3	233.3	225.7	225.6	233.1	243.5	258.5	276.2	294.8
37,5°	189.9	231.0	265.4	275.9	263.2	243.1	234.5	238.8	249.7	266.6	287.4	310.3	332.0
40,0°	219.4	268.8	310.2	319.3	292.3	261.6	252.6	260.2	275.4	298.0	323.7	350.9	373.9
42,5°	255.2	318.2	376.2	379.5	329.0	294.5	282.7	290.6	310.0	334.9	363.8	392.0	416.1
45,0°	291.7	377.9	460.0	441.3	383.2	346.4	329.7	335.2	356.3	380.6	408.5	437.2	467.1
47,5°	313.5	422.4	510.1	492.7	444.3	404.7	385.1	390.6	412.4	433.9	462.3	509.0	567.3
50,0°	322.1	427.1	523.1	531.8	498.3	460.9	444.9	458.7	490.7	529.8	590.9	678.4	759.4
52,5°	330.0	423.0	510.7	534.9	511.8	482.8	480.3	520.0	602.2	709.6	803.6	883.3	935.9
55,0°	305.8	384.9	457.0	476.1	460.3	453.6	483.4	565.6	738.3	923.8	1005.9	1041.7	1034.9
57,5°	224.1	284.8	349.1	377.3	388.0	416.9	491.6	641.3	859.1	1060.2	1125.2	1081.1	964.9
60,0°	124.1	156.8	227.5	273.2	299.1	350.2	474.4	685.2	902.7	1047.0	1045.9	924.1	734.1
62,5°	63.0	73.0	129.6	185.8	222.2	266.7	381.8	564.4	742.6	853.1	813.5	664.6	495.2
65,0°	42.6	44.9	81.7	136.8	181.2	216.0	273.1	371.7	467.9	543.1	529.6	413.8	301.4
67,5°	32.5	35.5	54.9	89.0	121.0	143.7	166.0	206.7	241.9	283.0	278.9	234.8	203.4
70,0°	27.0	28.2	38.3	54.2	71.1	80.0	89.0	107.6	120.9	125.1	137.6	159.0	148.1
72,5°	22.1	22.7	23.8	26.1	38.7	50.0	53.3	52.6	32.7	50.1	82.7	108.4	102.1
75,0°	17.3	18.2	18.6	20.8	23.8	33.3	35.7	23.9	24.2	34.9	57.1	70.0	68.9
77,5°	12.3	13.6	14.7	16.3	17.7	23.3	23.2	18.2	17.8	23.1	38.9	47.5	44.6
80,0°	8.5	9.4	11.0	12.4	13.8	14.7	14.5	12.5	11.8	14.2	22.7	26.3	22.3
82,5°	5.6	6.1	7.7	9.0	10.5	10.4	9.4	8.1	7.1	7.6	12.0	10.9	9.5
85,0°	2.7	3.3	4.5	5.5	6.0	5.5	4.9	3.8	3.3	2.8	2.9	2.9	3.1
87,5°	1.1	1.2	1.4	1.6	1.6	1.4	1.2	1.0	1.0	1.0	1.0	1.0	1.1
90,0°	0.0	0.0	0.0	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												siteco	
Maximale Lichtstärke													
C- Ebenen	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ	Lichtstärke in cd/klm												
0,0°	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6
2,5°	156.6	157.4	158.2	158.9	159.9	164.9	130.5	128.8	127.2	125.6	124.1	122.9	121.7
5,0°	200.7	204.1	206.9	209.2	211.1	208.1	131.9	128.2	124.8	121.9	119.3	117.2	115.4
7,5°	251.8	254.5	256.3	257.6	258.6	259.4	134.3	128.8	124.2	120.6	117.6	115.5	113.8
10,0°	262.9	262.7	261.8	261.0	260.3	261.7	137.0	130.1	124.5	120.7	117.9	115.7	114.0
12,5°	252.7	250.4	248.2	246.5	245.3	245.4	139.2	130.7	124.9	121.4	118.5	116.9	118.0
15,0°	245.6	244.4	243.3	242.3	241.7	242.0	139.2	129.7	124.3	121.2	119.6	121.5	122.0
17,5°	242.5	242.2	242.0	241.8	241.8	242.1	136.8	126.8	122.1	119.9	122.3	121.8	120.9
20,0°	238.9	239.1	239.3	239.7	240.2	240.8	132.5	122.8	118.8	120.6	120.8	119.0	112.3
22,5°	234.9	235.5	236.2	237.3	238.6	239.5	127.6	118.5	117.1	120.1	117.2	110.8	103.0
25,0°	232.8	234.3	236.2	238.3	240.1	240.7	123.8	115.5	117.5	117.1	112.7	102.5	95.4
27,5°	235.5	237.9	241.2	245.0	248.0	251.6	122.0	114.1	119.1	114.4	104.9	95.8	88.1
30,0°	247.1	253.8	260.5	267.0	271.5	271.3	123.0	116.1	119.8	111.9	98.9	90.2	79.8
32,5°	273.6	283.7	292.5	300.5	305.7	312.0	128.5	123.1	121.2	108.8	94.1	84.0	75.1
35,0°	310.3	322.7	333.0	341.7	347.8	347.3	139.5	135.3	123.3	105.0	89.7	77.9	73.4
37,5°	350.9	365.7	376.4	385.0	391.1	393.4	155.8	149.6	126.9	103.3	85.9	75.6	73.2
40,0°	394.0	410.6	422.4	431.0	437.2	436.5	178.6	167.3	134.1	105.7	84.0	76.1	74.0
42,5°	437.8	455.4	469.6	480.6	488.5	498.0	204.1	186.9	144.7	111.1	85.3	76.9	74.4
45,0°	496.1	523.4	548.1	567.3	579.9	574.6	230.4	207.0	158.8	119.3	86.5	76.9	75.2
47,5°	622.1	667.2	704.9	729.3	744.5	772.1	248.7	221.2	172.9	124.8	85.9	75.9	75.1
50,0°	817.7	856.0	877.6	887.8	897.6	897.0	262.7	232.7	181.0	121.5	80.7	72.4	72.3
52,5°	957.0	949.9	942.3	953.3	956.1	957.8	270.4	223.5	168.0	104.5	72.0	66.7	68.0
55,0°	985.4	918.4	850.3	805.3	795.7	817.1	242.5	183.3	124.3	77.7	60.2	59.3	63.2
57,5°	820.8	679.3	557.4	471.0	414.0	399.4	168.5	121.8	83.1	58.3	49.6	50.4	58.2
60,0°	565.9	416.9	291.2	218.8	201.8	204.1	98.5	76.3	60.2	49.5	42.7	42.5	51.4
62,5°	352.9	225.2	172.1	164.4	165.0	163.5	62.0	53.1	50.9	44.0	38.6	37.9	42.6
65,0°	215.8	157.2	148.0	144.2	146.1	148.1	45.1	41.3	45.0	39.4	35.9	35.1	37.7
67,5°	155.8	138.1	133.4	129.5	129.8	126.1	35.6	35.3	36.1	34.5	32.8	32.2	34.9
70,0°	123.4	120.3	112.5	104.4	99.6	99.7	28.5	30.8	31.5	31.1	29.5	29.2	32.2
72,5°	90.4	88.2	79.7	70.9	68.2	63.4	23.2	24.9	27.7	26.3	25.0	25.2	27.5
75,0°	64.4	59.0	56.6	51.9	49.2	49.4	19.3	20.8	21.2	21.1	20.8	20.7	21.5
77,5°	39.1	35.8	37.0	39.4	36.6	32.0	13.8	15.5	15.5	15.5	15.9	15.5	15.0
80,0°	19.4	19.5	22.1	22.4	19.3	18.9	9.2	10.4	10.5	10.7	10.7	10.1	9.5
82,5°	9.4	9.3	10.3	10.0	8.2	7.7	5.7	6.3	6.7	6.6	6.3	5.9	5.5
85,0°	3.1	3.0	2.9	2.9	2.8	3.0	2.9	3.2	3.4	3.2	3.1	2.9	2.7
87,5°	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.2	1.3	1.3	1.2	1.2	1.2
90,0°	0.0	0.0	0.0	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												siteco	
C- Ebenen	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
0,0°	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	131.6	0.2	0.2
2,5°	120.5	119.5	118.5	117.8	117.0	116.5	116.1	115.8	115.6	115.3	115.3	1.6	1.8
5,0°	113.8	112.6	111.6	110.9	110.4	110.0	109.7	109.6	109.4	109.1	109.2	3.5	5.3
7,5°	112.5	111.3	110.4	110.0	110.0	110.3	110.8	111.4	111.9	112.1	112.2	5.9	11.2
10,0°	113.2	113.9	115.3	116.9	118.0	118.9	120.0	120.9	121.7	122.0	122.0	8.4	19.6
12,5°	119.7	120.5	121.6	122.0	120.4	118.5	116.9	115.9	115.3	114.8	114.6	10.5	30.1
15,0°	122.1	120.5	116.5	113.3	110.9	109.0	107.6	106.7	106.1	105.6	105.2	12.5	42.6
17,5°	115.7	110.7	106.8	103.7	101.2	98.4	94.9	91.4	88.7	87.1	86.6	14.2	56.8
20,0°	106.2	101.5	97.6	92.5	85.4	80.0	77.7	77.1	77.0	77.0	76.9	15.6	72.4
22,5°	97.2	91.7	83.1	76.4	74.6	74.5	74.9	75.4	75.7	76.0	76.1	16.9	89.3
25,0°	88.7	78.4	73.8	72.9	73.0	73.6	74.4	75.3	76.2	76.8	77.1	18.3	107.7
27,5°	77.4	72.9	71.9	71.8	72.1	72.9	74.3	75.8	77.2	78.1	78.5	19.9	127.6
30,0°	73.6	71.9	71.4	71.4	71.7	72.7	74.5	76.4	78.1	79.3	79.7	22.0	149.6
32,5°	72.5	71.5	71.3	71.0	71.4	72.5	74.3	76.4	78.2	79.3	79.6	24.7	174.3
35,0°	72.1	71.7	71.3	71.2	71.2	72.0	73.0	74.5	76.2	77.3	77.7	28.1	202.4
37,5°	72.9	73.2	73.4	72.0	70.5	70.0	70.4	71.0	71.9	72.8	73.3	32.3	234.7
40,0°	73.9	75.3	75.1	71.5	68.7	66.7	66.6	67.4	68.6	69.5	69.9	37.6	272.3
42,5°	74.4	76.4	74.5	69.2	66.0	64.5	64.1	64.7	66.1	67.6	68.3	43.9	316.2
45,0°	75.2	75.9	73.1	68.2	64.3	62.2	61.4	62.3	64.3	66.3	67.4	52.1	368.3
47,5°	75.1	74.8	73.2	67.8	62.7	60.7	60.0	61.4	64.6	67.3	68.4	63.5	431.8
50,0°	74.2	74.8	72.5	67.4	61.7	59.9	60.1	60.9	62.5	64.5	66.0	77.1	508.9
52,5°	72.3	73.4	70.7	67.3	61.5	59.5	57.9	58.1	59.9	61.8	64.0	88.3	597.2
55,0°	69.1	70.8	68.3	66.7	61.9	57.2	55.2	55.5	56.4	58.2	61.7	90.8	688.0
57,5°	65.7	67.4	65.6	66.0	61.7	55.4	52.8	52.5	53.7	55.6	58.5	81.1	769.0
60,0°	61.4	63.0	62.1	63.8	61.7	55.3	51.6	51.0	52.2	56.1	60.3	66.4	835.4
62,5°	52.6	57.3	56.9	60.4	60.7	55.9	51.6	51.3	57.5	69.3	75.4	51.0	886.5
65,0°	43.1	48.7	51.4	55.4	57.9	56.1	52.5	56.3	62.8	61.2	61.7	36.9	923.4
67,5°	37.4	38.3	42.6	48.4	54.0	54.3	53.4	55.3	52.6	53.2	54.3	25.3	948.7
70,0°	32.2	30.9	33.3	40.0	47.3	50.8	51.5	49.0	47.0	48.3	49.4	17.6	966.3
72,5°	25.8	25.0	24.1	28.5	36.2	42.4	45.8	39.0	39.0	39.6	40.0	11.9	978.2
75,0°	19.8	17.8	17.9	20.3	25.4	31.1	36.7	33.2	30.3	30.4	31.0	8.7	986.9
77,5°	13.8	12.8	12.8	14.4	18.1	21.3	25.2	25.0	21.7	21.6	22.2	6.1	993.0
80,0°	8.7	8.6	8.6	9.3	11.7	12.3	13.6	15.3	13.6	13.3	13.5	3.7	996.7
82,5°	5.2	5.1	5.1	5.6	6.8	6.7	6.7	7.3	7.2	6.9	7.1	2.1	998.8
85,0°	2.6	2.5	2.5	2.6	2.8	2.7	2.7	2.6	2.6	2.6	2.6	0.9	999.7
87,5°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.3	1000.0
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

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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	2980	23.1	23.8	23.5
95	241	252	2827	21.7	22.4	22.0
90	229	250	2687	20.4	21.1	20.8
85	216	248	2534	19.1	19.7	19.4
80	203	246	2382	17.8	18.4	18.1
75	190	243	2229	16.6	17.1	16.8
70	178	241	2088	15.5	15.9	15.7
65	165	238	1936	14.3	14.7	14.5
60	152	235	1783	13.1	13.5	13.3
55	140	232	1643	12.1	12.4	12.2
50	127	229	1490	11.0	11.3	11.2
45	114	225	1337	9.9	10.2	10.0
40	102	221	1197	8.9	9.2	9.0
35	89	216	1044	7.9	8.1	8.0
30	76	210	892	7.0	7.1	7.0
25	63	203	739	5.9	6.1	6.0
20	51	195	598	5.1	5.2	5.2
15	39	185	458	4.2	4.3	4.2