

Lichttechnischer Prüfbefund

Familie
Floodlight 20 mini LED

Bestell-Nr.: 5XA7672C1D1AC
EAN: 4058352259498

LP-Nummer
58553_12



Ausführung Tragbügel
Optik asymmetrisch strahlend PL52
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung 1 x LED 3000K / CRI ≥ 80
(unbekannt LED 3000K / CRI = 80)
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 9640 lm
Systemleistung = 95.8 W
Lichtausbeute = 100.6 lm/W

Seriendokumentation
25.08.2021

sitEco

Lichtstärke in cd/klm

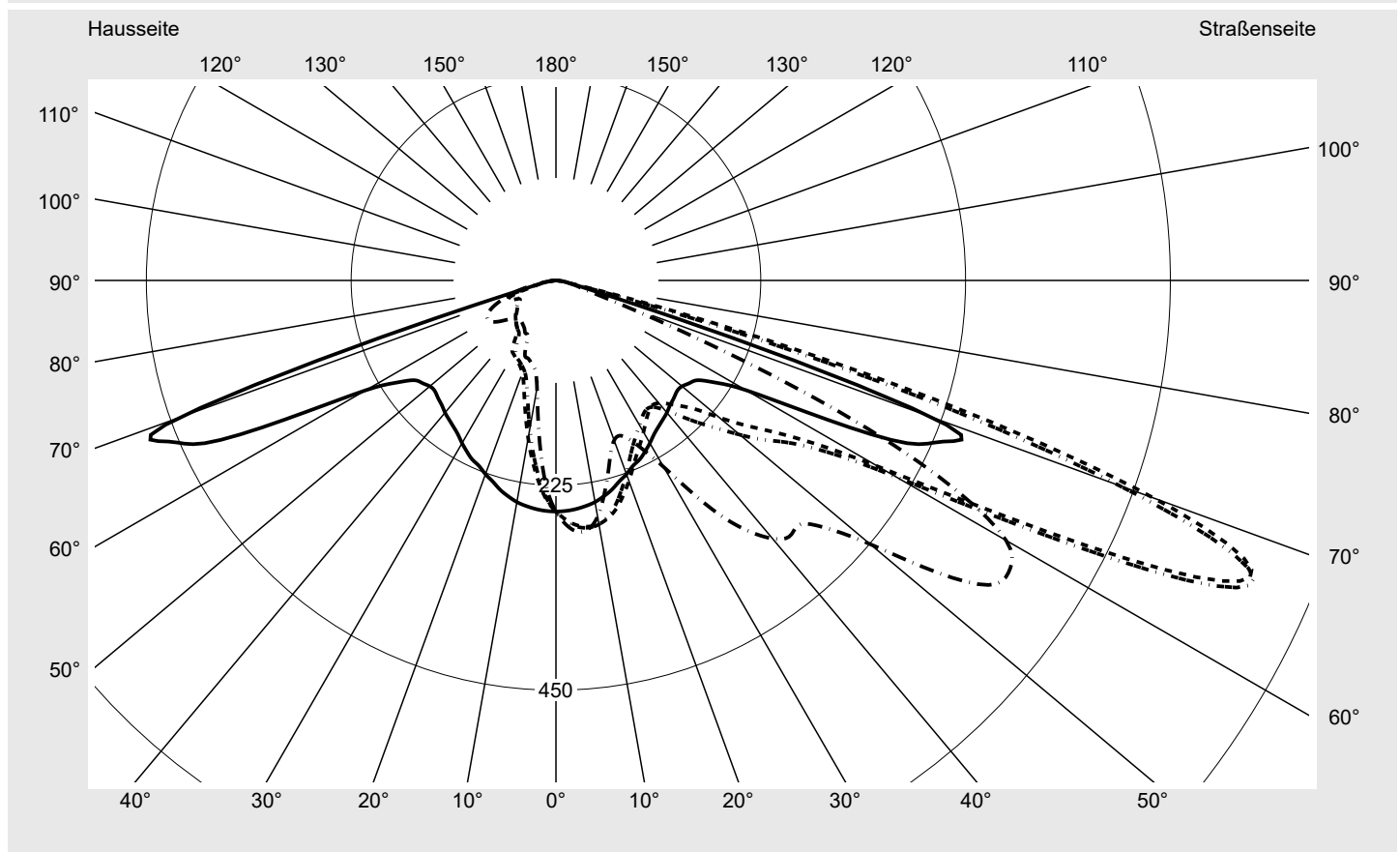
C180-0

C215-35

C220-40

C270-90

Imax: 827 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse: G3
Imax 70° 767.0
Imax 80° 23.0
Imax 90° 0.0
Imax >90° 0.0
Imax >95° 0.0

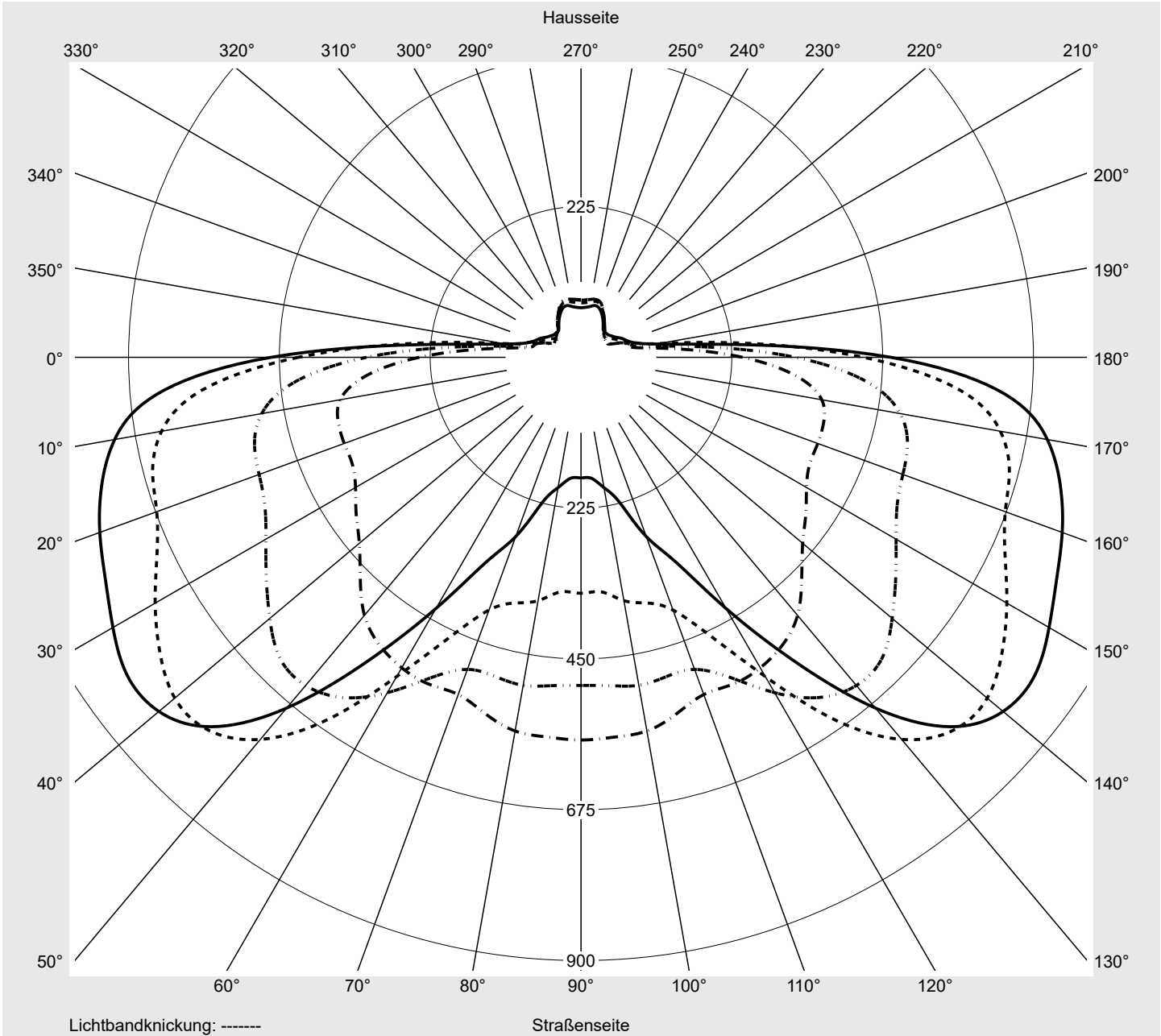
Messbedingungen

DIN EN 13032 und DIN 5032

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



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Familie Floodlight 20 mini LED	Bestell-Nr.: 5XA7672C1D1AC EAN: 4058352259498	LP-Nummer 58553_12
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		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°	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8
2,5°	253.4	254.9	256.4	258.0	259.5	261.1	262.4	263.4	264.5	265.4	266.3	266.9	267.4
5,0°	252.0	255.2	258.3	261.1	263.7	266.3	268.4	270.1	271.6	272.8	273.7	274.6	275.2
7,5°	249.9	254.7	259.0	262.7	265.9	268.8	271.0	272.7	273.9	274.6	275.1	275.5	275.5
10,0°	247.1	253.2	258.3	262.6	266.1	268.7	270.7	271.8	272.0	271.6	270.6	269.4	267.8
12,5°	242.8	250.3	256.3	260.8	264.0	266.2	267.2	266.9	265.2	262.4	259.1	255.6	252.1
15,0°	237.8	246.4	253.0	257.5	260.3	261.5	261.0	258.6	254.4	249.3	243.9	238.7	233.5
17,5°	231.4	241.9	248.9	253.2	255.1	254.7	251.9	246.8	240.3	233.3	226.3	219.9	214.0
20,0°	226.5	237.3	244.7	248.7	249.4	247.0	241.7	234.4	226.2	217.9	210.2	203.6	198.3
22,5°	220.6	233.3	240.9	244.1	243.3	238.5	230.9	221.6	211.9	203.1	195.7	190.4	186.7
25,0°	217.2	230.8	238.8	241.4	238.8	231.5	221.3	210.4	200.2	191.7	186.1	183.2	182.9
27,5°	211.9	228.0	237.0	239.2	235.0	225.4	213.2	201.1	191.1	184.3	181.2	182.4	186.4
30,0°	206.3	222.9	232.5	234.4	229.0	218.0	204.9	192.3	183.6	179.2	180.9	187.1	195.9
32,5°	200.5	218.7	228.7	229.0	221.2	208.7	195.3	183.8	176.9	177.0	184.1	197.2	213.7
35,0°	196.2	216.1	227.0	225.9	216.5	202.5	188.2	177.1	173.1	178.5	193.9	217.2	243.3
37,5°	192.8	214.5	225.3	223.2	212.3	197.3	182.7	173.2	175.3	188.7	214.0	245.7	277.7
40,0°	189.6	213.1	223.4	221.9	210.0	194.2	180.3	175.9	185.7	207.5	240.4	277.4	310.3
42,5°	185.7	211.7	222.8	221.5	208.9	192.7	181.7	184.0	201.8	231.7	270.0	304.6	334.6
45,0°	183.0	210.3	223.6	222.1	209.1	193.9	187.2	195.2	220.8	254.0	286.5	314.9	338.2
47,5°	180.3	212.5	227.7	225.4	212.0	199.0	194.8	210.1	240.6	271.7	299.3	321.7	340.0
50,0°	180.9	217.4	236.4	236.0	222.7	210.3	212.6	234.2	263.6	291.2	311.5	327.9	344.0
52,5°	185.1	227.1	248.8	248.6	237.5	229.9	238.2	261.0	287.4	309.3	325.3	338.1	360.6
55,0°	191.0	242.1	268.8	270.6	261.4	258.5	268.5	289.3	310.3	327.0	343.8	368.9	407.8
57,5°	209.2	271.8	303.8	307.5	302.1	301.4	312.0	330.2	348.5	367.0	400.1	440.6	473.6
60,0°	241.1	322.9	364.8	374.8	375.9	376.5	388.5	409.3	431.7	465.7	502.6	524.1	534.9
62,5°	320.0	429.7	483.6	504.3	511.0	520.5	542.8	573.2	606.0	635.1	639.1	619.6	577.8
65,0°	421.5	568.6	635.3	661.7	673.6	698.0	733.6	767.0	791.1	786.5	744.2	660.3	550.1
67,5°	462.2	635.6	706.4	740.4	764.0	783.0	806.3	826.7	822.1	779.5	683.1	552.0	432.7
70,0°	439.4	623.7	722.7	767.0	750.7	724.1	713.8	699.9	659.8	581.1	469.0	370.0	297.7
72,5°	145.9	232.6	294.5	375.4	459.3	476.0	466.3	444.0	388.2	309.7	247.5	213.0	182.8
75,0°	37.2	40.5	45.0	53.0	97.4	158.1	175.4	167.3	114.0	78.9	104.0	105.0	101.6
77,5°	20.7	22.2	22.7	23.3	27.5	36.2	40.8	28.4	24.8	24.4	34.4	39.0	40.2
80,0°	12.0	11.3	11.0	11.2	12.5	15.0	15.0	13.6	13.3	14.0	15.0	15.3	17.0
82,5°	6.5	6.1	6.1	6.4	6.7	7.4	8.2	7.9	8.1	8.3	8.4	8.3	9.7
85,0°	2.9	2.6	2.6	2.7	2.9	3.3	3.5	3.6	3.7	3.7	3.7	3.5	3.4
87,5°	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
150,0°	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
160,0°	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
170,0°	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
180,0°	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		Maximale Lichtstärke
		siteco

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°	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8
2,5°	267.8	268.1	268.4	268.7	269.0	269.1	251.7	249.8	248.0	246.2	244.3	242.6	240.9
5,0°	275.6	275.9	276.3	276.7	277.0	277.2	248.2	244.0	239.6	235.0	230.4	225.8	221.2
7,5°	275.3	275.0	274.9	275.0	275.2	275.3	244.1	237.5	230.3	222.6	214.9	207.0	199.0
10,0°	266.2	264.6	263.6	263.3	263.3	263.4	239.2	230.0	219.9	209.1	197.8	186.7	175.8
12,5°	248.8	245.9	244.1	243.2	242.9	242.8	233.0	221.3	208.1	194.3	180.0	166.3	153.4
15,0°	229.0	225.2	222.6	221.2	220.6	220.5	225.8	211.4	195.4	178.7	162.2	147.1	133.8
17,5°	208.9	204.9	202.1	200.5	199.8	199.6	218.1	201.1	182.2	163.2	145.3	130.0	118.1
20,0°	194.2	190.6	188.5	187.4	186.9	186.9	210.5	191.0	169.3	148.6	130.5	116.8	108.2
22,5°	184.6	183.4	183.1	183.6	184.2	184.5	203.2	181.1	157.2	135.5	118.4	107.6	102.4
25,0°	183.9	185.6	187.8	190.6	192.6	193.2	196.4	171.4	145.9	124.0	108.9	101.9	98.7
27,5°	191.2	195.9	201.2	207.0	210.4	211.0	189.8	162.2	135.0	114.2	102.5	98.0	95.9
30,0°	205.1	213.5	222.6	232.7	237.7	236.4	180.8	151.5	124.3	105.4	97.8	94.9	93.3
32,5°	230.0	245.0	259.2	272.2	276.6	274.1	173.5	141.9	114.7	99.0	94.1	92.1	89.3
35,0°	266.1	285.6	303.5	314.0	314.9	314.8	166.4	132.6	105.7	94.0	90.6	87.5	77.7
37,5°	302.9	322.5	336.8	344.3	344.8	346.7	159.8	124.3	99.1	90.5	86.2	78.6	69.8
40,0°	334.1	349.7	360.6	366.5	368.0	370.1	152.8	115.7	93.0	86.9	78.0	69.3	66.7
42,5°	355.7	366.5	373.9	378.8	379.7	380.7	146.0	108.2	88.4	83.7	69.4	64.4	64.2
45,0°	355.2	361.7	368.1	374.9	377.3	378.9	139.2	100.1	84.1	80.3	63.5	61.4	61.9
47,5°	355.8	364.3	376.0	391.6	399.1	402.5	134.3	94.7	80.7	77.3	60.3	58.8	59.5
50,0°	364.3	384.7	407.6	433.1	445.9	450.5	128.9	89.3	77.4	74.2	56.6	56.3	56.6
52,5°	395.5	433.8	469.8	502.4	520.5	526.0	127.0	85.5	75.0	71.2	53.7	53.7	53.9
55,0°	451.6	493.4	531.1	562.3	577.5	583.0	126.6	82.7	72.8	68.1	50.9	50.9	51.5
57,5°	505.1	534.7	563.2	583.5	589.7	591.1	130.5	81.8	71.5	64.9	48.4	48.1	48.7
60,0°	537.9	535.5	550.7	566.1	568.8	571.0	143.7	83.2	71.6	61.8	46.4	45.4	46.3
62,5°	527.1	495.6	493.1	496.9	491.8	489.6	180.3	94.3	75.5	63.3	49.3	45.8	44.7
65,0°	459.5	401.3	379.6	368.7	351.4	352.1	243.0	118.3	84.1	70.3	61.3	55.1	48.7
67,5°	338.8	284.5	225.0	197.5	181.3	179.9	221.0	113.9	83.3	72.8	66.8	59.9	55.6
70,0°	242.2	200.8	99.2	72.0	66.9	70.0	138.6	70.9	68.1	65.0	60.1	57.1	54.6
72,5°	153.6	125.3	46.7	33.4	33.1	33.4	51.7	32.6	30.8	31.9	33.7	38.5	41.9
75,0°	88.5	70.5	31.8	25.1	24.4	24.4	24.5	22.0	22.0	21.9	22.6	24.1	25.8
77,5°	35.9	33.1	21.4	17.3	16.4	16.6	16.0	15.4	16.0	16.0	16.6	17.6	18.8
80,0°	18.9	16.9	12.5	11.1	10.6	10.6	11.8	10.4	10.4	10.7	11.3	11.9	12.5
82,5°	11.3	9.5	6.6	5.8	5.4	5.4	6.5	5.9	6.2	6.6	7.1	7.3	7.5
85,0°	3.2	2.9	2.4	2.2	2.1	2.0	2.7	2.7	3.0	3.3	3.4	3.6	3.6
87,5°	0.8	0.8	0.8	0.8	0.9	0.9	1.1	1.2	1.2	1.2	1.3	1.3	1.3
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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
150,0°	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
160,0°	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
170,0°	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
180,0°	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	Maximale Lichtstärke	siteco
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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°	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8	253.8	0.4	0.4
2,5°	239.2	237.4	235.7	234.3	233.0	231.9	230.8	229.9	229.2	228.9	228.8	3.0	3.4
5,0°	216.6	212.2	208.0	204.2	200.8	198.0	195.3	193.3	191.8	191.1	190.8	5.8	9.2
7,5°	191.3	184.0	177.3	171.3	166.0	161.5	157.7	154.8	152.7	151.6	151.2	8.2	17.4
10,0°	165.6	156.3	148.0	140.8	134.8	129.9	126.0	123.1	121.2	120.1	119.8	10.3	27.7
12,5°	141.7	131.9	123.8	117.4	112.5	109.1	106.7	105.1	104.1	103.5	103.2	12.0	39.7
15,0°	123.0	114.7	109.2	105.6	103.1	101.2	99.7	98.5	97.8	97.3	97.2	13.5	53.2
17,5°	110.2	105.7	102.7	100.5	98.6	97.1	95.7	94.7	94.1	93.6	93.4	14.7	67.9
20,0°	103.7	101.0	99.1	97.4	95.9	94.4	93.1	92.2	91.5	91.1	90.8	15.9	83.8
22,5°	99.7	97.8	96.4	95.1	93.8	92.5	91.1	89.6	89.2	89.1	89.1	17.1	100.9
25,0°	96.8	95.4	94.0	93.1	91.4	85.6	79.7	77.9	77.3	76.9	76.6	18.2	119.1
27,5°	94.3	91.9	89.6	84.7	75.7	71.6	70.1	69.0	68.2	67.7	67.4	19.5	138.6
30,0°	88.9	83.4	79.2	72.9	71.1	70.3	69.5	68.7	67.9	67.3	67.0	21.0	159.6
32,5°	78.1	73.8	71.5	70.7	70.3	69.5	68.1	66.7	65.4	64.4	64.0	22.9	182.5
35,0°	70.8	70.1	69.9	69.6	68.3	66.7	65.1	63.9	62.8	62.1	61.7	25.1	207.6
37,5°	68.6	68.4	68.2	66.9	65.5	64.6	63.7	62.7	61.7	60.7	60.2	27.5	235.1
40,0°	66.6	66.6	65.6	64.6	64.0	63.2	62.6	61.9	60.8	59.7	59.0	30.0	265.1
42,5°	64.7	64.2	63.9	63.6	63.2	62.6	62.3	62.0	61.2	59.9	59.0	32.3	297.4
45,0°	62.3	62.5	62.8	62.7	63.0	63.3	63.4	63.0	62.3	61.0	59.9	34.0	331.4
47,5°	60.2	61.2	61.9	62.5	63.8	64.1	64.6	64.7	64.3	63.1	62.2	36.2	367.6
50,0°	57.7	59.3	61.1	62.1	64.0	65.2	66.6	67.6	67.6	66.6	66.0	39.4	407.0
52,5°	55.2	57.1	59.3	61.1	63.9	67.1	70.6	73.2	73.6	72.9	72.2	44.1	451.1
55,0°	52.8	54.9	57.6	60.6	64.8	70.4	76.4	80.6	80.3	79.6	79.1	49.5	500.6
57,5°	50.5	52.7	56.2	60.6	66.5	74.0	82.1	86.7	86.3	85.6	84.1	55.7	556.3
60,0°	48.1	50.9	55.3	61.1	68.7	77.7	86.5	89.1	88.1	86.8	85.9	63.4	619.7
62,5°	46.1	49.1	54.2	61.1	69.2	77.8	85.6	89.4	87.8	86.1	85.2	74.4	694.1
65,0°	46.4	48.2	53.2	60.1	68.5	76.8	83.7	86.3	83.9	82.0	81.1	84.5	778.5
67,5°	52.5	52.0	52.1	57.7	65.3	72.5	78.4	80.0	76.9	74.9	74.0	82.2	860.7
70,0°	54.5	58.5	57.0	53.9	59.7	65.6	69.8	70.5	67.6	65.1	64.4	69.4	930.2
72,5°	52.2	57.1	55.0	50.9	51.3	55.5	58.3	58.3	55.1	53.4	54.1	39.8	969.9
75,0°	28.6	36.9	40.3	39.0	41.6	44.9	46.8	46.1	43.2	41.5	42.5	15.6	985.6
77,5°	20.4	22.6	25.3	28.0	30.9	33.4	34.8	33.4	31.1	29.8	29.9	7.0	992.5
80,0°	13.6	15.1	17.0	19.0	21.0	22.4	23.0	21.8	20.4	19.5	19.3	4.0	996.5
82,5°	8.0	8.7	9.6	10.5	11.0	11.5	11.5	11.1	10.4	10.1	10.0	2.2	998.8
85,0°	3.6	3.8	4.1	4.4	4.7	5.0	5.2	5.0	4.7	4.6	4.5	1.0	999.7
87,5°	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
150,0°	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
160,0°	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
170,0°	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
180,0°	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

Lichttechnischer Prüfbefund

Familie Floodlight 20 mini LED	Bestell-Nr.: 5XA7672C1D1AC EAN: 4058352259498	LP-Nummer 58553_12
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Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	sITeco
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	9640	95.8
95	240	252	9158	90.4
90	225	250	8676	85.1
85	211	247	8194	79.8
80	197	245	7712	74.6
75	184	242	7230	69.6
70	171	239	6748	64.6
65	157	236	6266	59.7
60	143	233	5784	55.0
55	132	230	5302	50.3
50	118	226	4820	45.7
45	106	222	4338	41.1
40	93	217	3856	36.7
35	81	212	3374	32.4
30	69	206	2892	28.1
25	57	199	2410	23.9
20	46	191	1928	19.6
15	34	180	1445	15.6