

Lichttechnischer Prüfbefund

Familie
Floodlight 20 midi LED

Bestell-Nr.: 5XA7682D3D1AC
EAN: 4058352222959

LP-Nummer
58577_8



Ausführung	Tragbügel
Optik	asymmetrisch strahlend PL52
Abdeckung	Einscheibensicherheitsglas (ESG)
Bestückung	1 x LED 5000K / CRI ≥ 70 (unbekannt LED 5000K / CRI = 70)
Betriebsgerät	EVG-DALI
Bemessungswerte	Nettolichtstrom = 18250 lm Systemleistung = 142.0 W Lichtausbeute = 128.5 lm/W

Seriendokumentation
25.08.2021

siteco

Lichtstärke in cd/klm

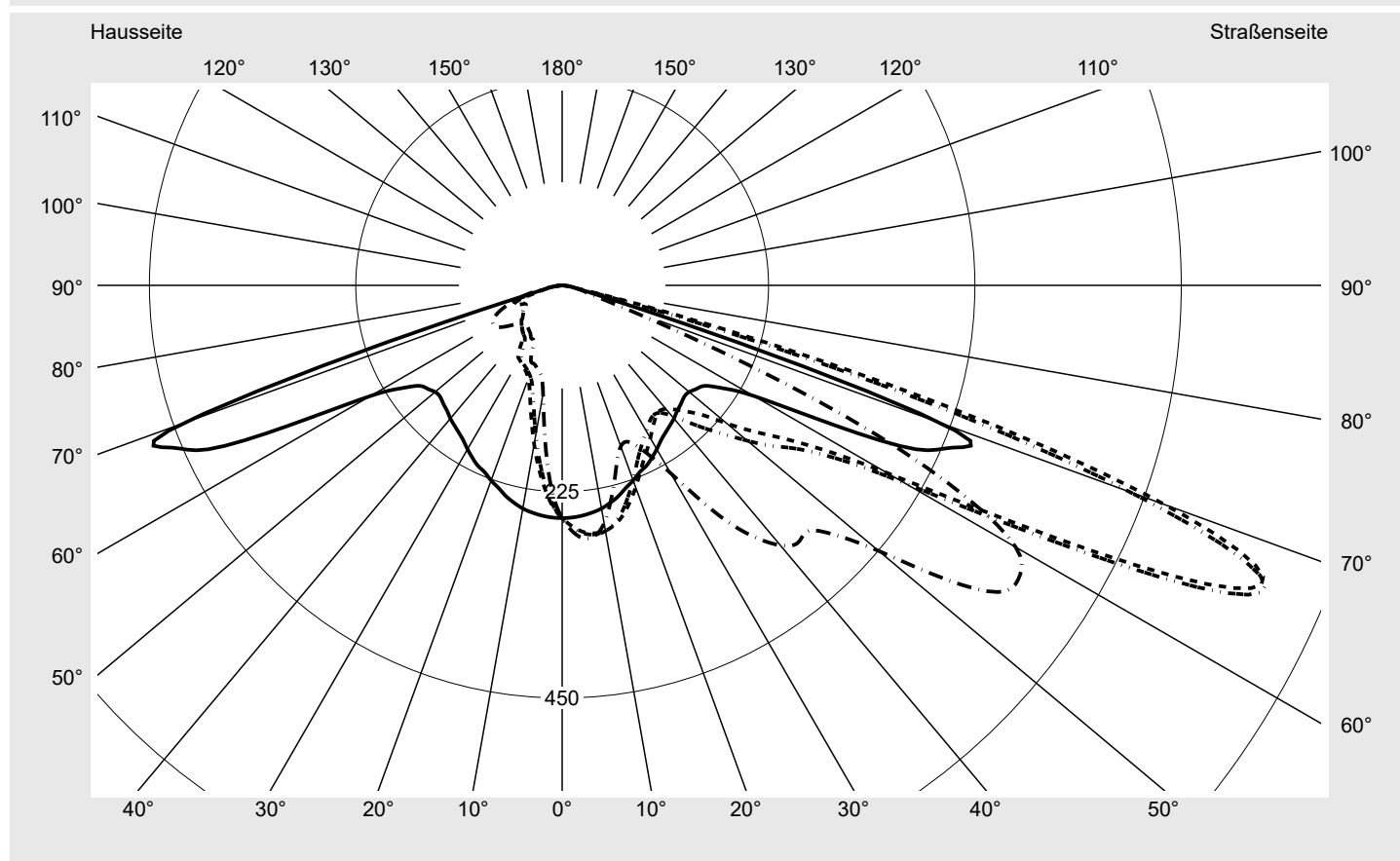
C180-0

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

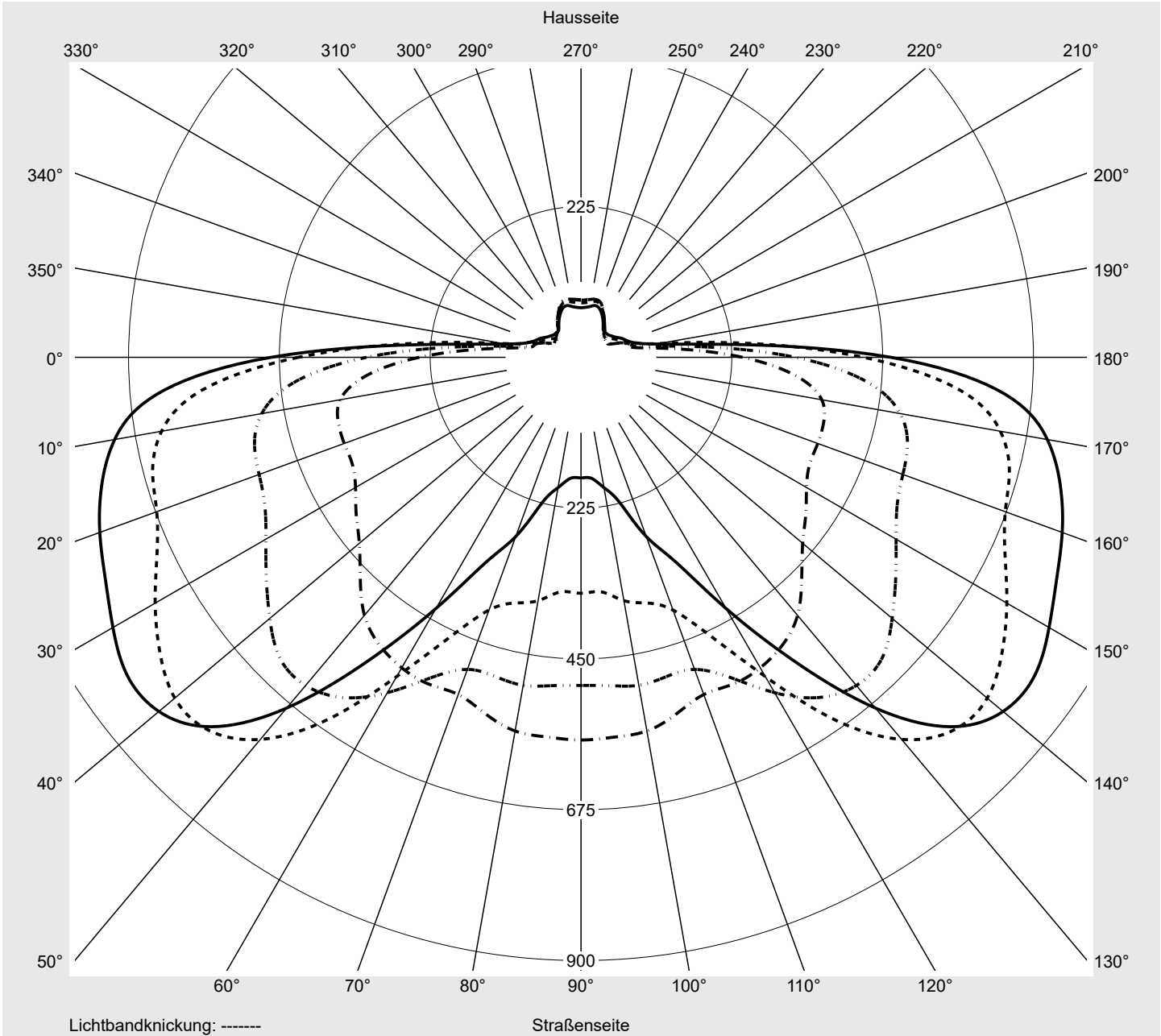
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie Floodlight 20 midi LED	Bestell-Nr.: 5XA7682D3D1AC EAN: 4058352222959	LP-Nummer 58577_8
--	--	-----------------------------

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



Lichttechnischer Prüfbefund

Familie Floodlight 20 midi LED	Bestell-Nr.: 5XA7682D3D1AC EAN: 4058352222959	LP-Nummer 58577_8
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

Lichttechnischer Prüfbefund

Familie Floodlight 20 midi LED	Bestell-Nr.: 5XA7682D3D1AC EAN: 4058352222959	LP-Nummer 58577_8
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

Lichttechnischer Prüfbefund

Familie Floodlight 20 midi LED	Bestell-Nr.: 5XA7682D3D1AC EAN: 4058352222959	LP-Nummer 58577_8
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		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°	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 midi LED	Bestell-Nr.: 5XA7682D3D1AC EAN: 4058352222959	LP-Nummer 58577_8
--	--	-----------------------------

Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	sITeco
---------------------------	---------------------------	---------------

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	18250	142.0
95	241	252	17338	134.1
90	226	250	16425	126.2
85	211	247	15513	118.6
80	197	245	14600	111.1
75	185	242	13688	103.6
70	171	239	12775	96.3
65	157	236	11863	89.2
60	144	233	10950	82.2
55	130	230	10038	75.4
50	118	226	9125	68.6
45	106	222	8213	61.9
40	94	217	7300	55.3
35	81	212	6388	48.9
30	69	206	5475	42.6
25	57	199	4563	36.4
20	45	191	3650	30.3
15	34	181	2737	24.2