

Photometric test report

Family
Floodlight 20 mini LED

Order number: 5XA7672C2A3AC
EAN: 4058352221198

LP number
58552_12



Version design bracket
Optic asymmetric distribution PL43
Cover toughened safety glass
Lamps 1 x LED 4000K / CRI ≥ 70
 (unbekannt LED 4000K / CRI = 70)
Controlgear ECG-DALI
Rated values Net luminous flux = 13030 lm
 Power consumption = 95.8 W
 Luminous efficacy = 136 lm/W

serial
documentation
25.08.2021

siteco

Luminous intensity in cd/klm

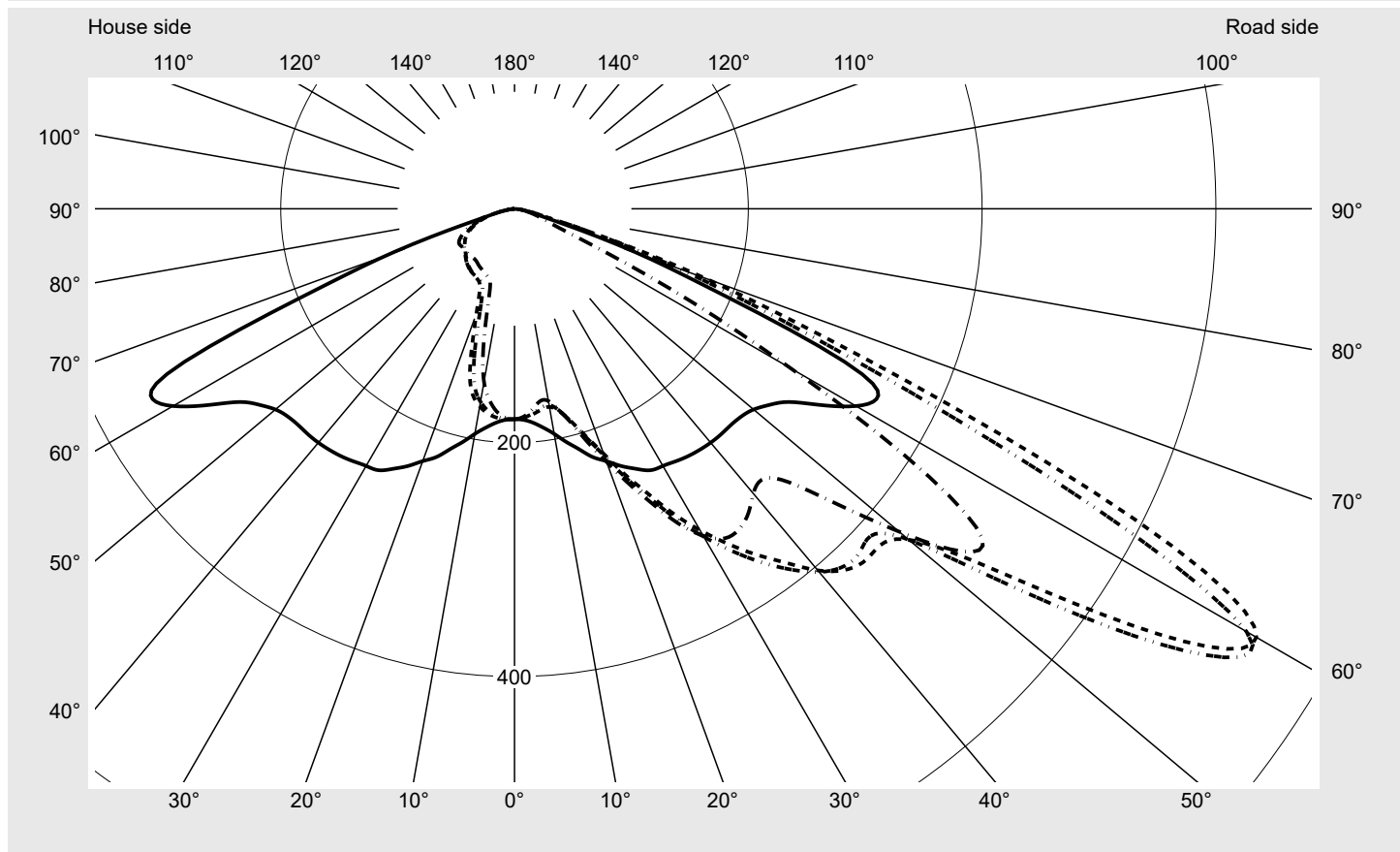
C180-0

C230-50

C235-55

C270-90

Imax: 733 cd/klm



Luminaire output ratios

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

Luminous intensity class acc. to EN13201-2

Class:	G6
Imax 70°	250.7
Imax 80°	13.8
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions

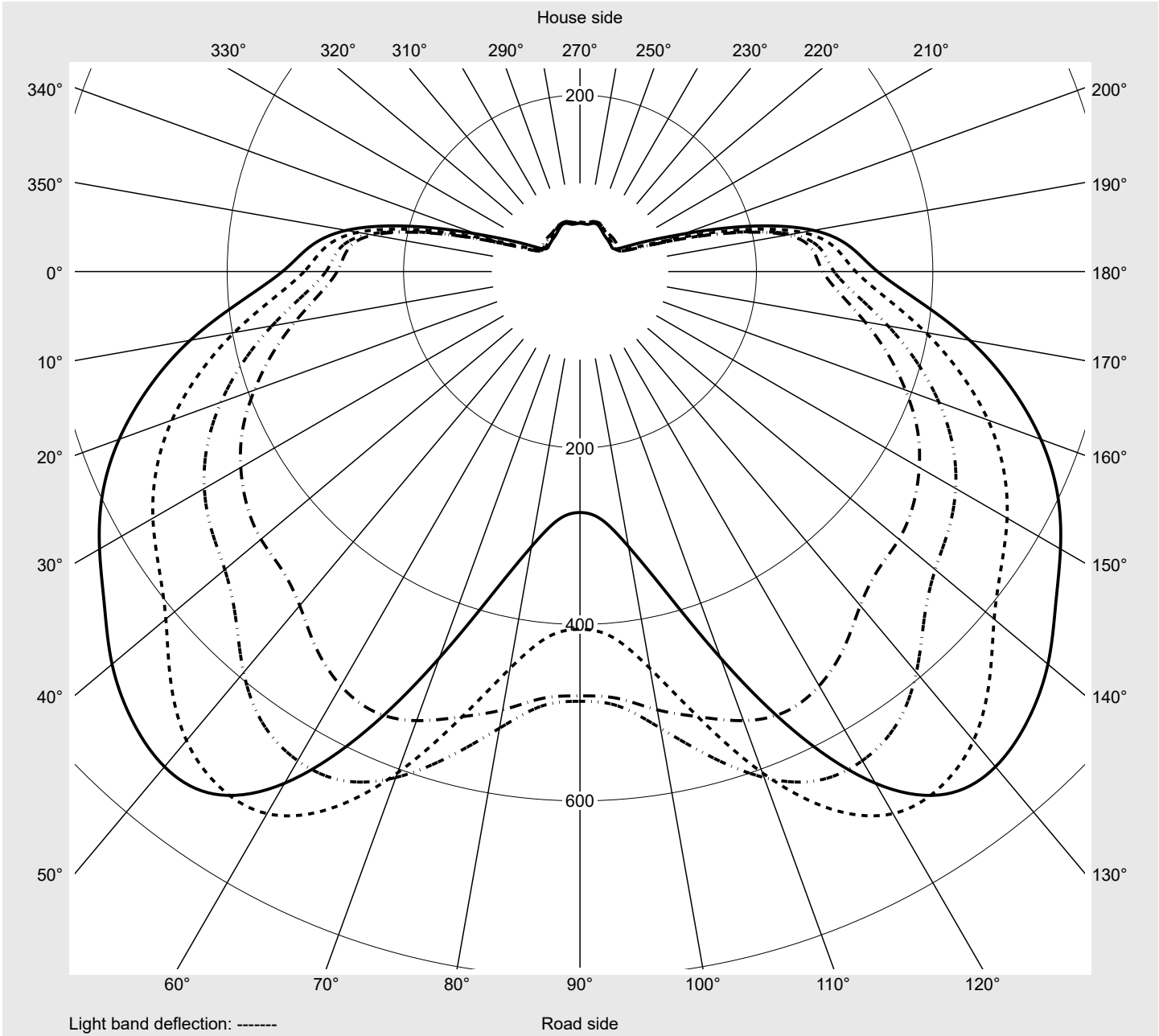
DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight 20 mini LED	Order number: 5XA7672C2A3AC EAN: 4058352221198	LP number 58552_12
--	---	-------------------------------------



Envelope curve in cd/klm **KMK 60°** **KMK 57.5°** **KMK 55°** **KMK 52.5°**



Photometric test report

Family Floodlight 20 mini LED	Order number: 5XA7672C2A3AC EAN: 4058352221198	LP number 58552_12
Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	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	Luminous intensity in cd/klm												
0,0°	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9
2,5°	180.7	180.4	180.3	180.3	180.2	180.2	180.1	179.9	179.6	179.4	179.2	178.9	178.7
5,0°	183.7	183.4	182.9	182.4	181.8	181.2	180.4	179.5	178.5	177.5	176.6	175.7	174.9
7,5°	188.8	188.0	186.9	185.6	184.1	182.6	180.9	179.0	177.0	175.1	173.3	171.8	170.3
10,0°	195.5	194.5	192.6	190.3	187.8	185.1	182.2	179.4	176.6	174.2	172.1	170.5	169.2
12,5°	204.2	202.3	199.5	196.0	192.4	188.8	185.5	182.6	180.2	178.5	177.4	176.7	176.5
15,0°	212.7	210.5	206.6	202.2	198.1	194.5	191.7	189.8	188.7	188.2	188.6	189.0	189.2
17,5°	222.6	218.8	214.2	209.6	205.7	202.9	201.4	201.1	202.0	203.2	204.3	205.5	206.5
20,0°	229.6	226.1	221.4	216.9	213.9	212.6	213.3	215.5	217.8	220.3	222.9	225.1	227.0
22,5°	238.0	233.6	228.9	225.2	223.5	224.4	228.1	232.3	236.6	241.1	245.4	249.1	250.8
25,0°	245.3	242.0	238.0	235.4	235.1	238.8	244.2	250.4	256.6	262.6	267.9	272.3	275.4
27,5°	252.1	248.7	246.0	245.2	248.7	255.8	263.3	271.1	278.8	286.6	293.6	298.6	302.1
30,0°	253.9	252.1	250.7	252.4	259.9	269.9	280.3	290.3	299.9	309.1	317.3	323.8	328.0
32,5°	256.1	255.0	255.6	260.4	271.1	283.3	295.9	308.4	320.0	330.1	339.6	347.2	351.5
35,0°	258.4	258.8	262.3	270.7	283.3	297.5	311.7	325.9	339.5	351.0	361.1	369.2	372.1
37,5°	259.9	262.2	269.2	281.6	295.7	311.3	327.3	343.0	358.0	371.4	381.6	388.9	388.5
40,0°	261.1	265.5	276.9	292.5	308.5	325.7	343.7	361.7	378.1	393.0	403.6	405.4	400.4
42,5°	261.5	268.2	284.0	302.1	321.0	340.5	360.0	379.7	396.9	411.3	418.8	415.4	406.2
45,0°	261.6	270.9	290.5	311.6	332.9	354.4	376.5	396.4	412.8	424.4	424.9	416.8	401.9
47,5°	263.0	275.1	297.2	320.8	344.1	366.4	387.2	405.7	419.4	427.7	425.2	413.8	401.7
50,0°	267.0	283.1	309.3	337.2	363.9	388.2	409.6	426.5	438.2	442.5	440.2	440.2	447.9
52,5°	275.3	296.7	328.0	361.3	392.7	421.9	444.1	461.2	472.1	478.0	494.3	521.3	542.3
55,0°	288.0	315.6	354.6	395.1	433.1	466.3	491.8	510.1	525.7	552.5	593.3	626.2	640.2
57,5°	312.7	349.0	398.0	446.9	492.3	529.8	559.1	583.1	612.9	656.3	694.0	712.9	709.6
60,0°	337.3	385.8	448.7	505.5	556.0	597.4	629.0	658.3	692.5	718.5	732.8	723.1	669.8
62,5°	350.0	407.7	477.2	540.5	593.3	632.6	659.3	681.3	689.2	682.0	654.5	579.5	477.7
65,0°	316.3	376.8	447.1	504.0	548.1	577.7	594.3	595.3	578.0	540.7	466.8	384.3	313.0
67,5°	196.1	254.1	308.0	354.9	392.3	417.5	425.2	415.6	385.9	336.8	287.6	242.8	197.9
70,0°	116.8	142.9	168.8	199.2	226.4	242.1	250.7	246.5	228.8	200.6	173.1	148.7	126.7
72,5°	48.9	42.1	39.5	55.6	105.4	131.8	133.6	125.8	106.5	85.8	80.1	78.5	69.5
75,0°	22.3	19.5	19.2	20.9	34.8	56.7	57.8	50.8	30.9	26.0	32.2	32.5	30.1
77,5°	13.4	12.3	12.2	12.9	16.0	21.6	22.1	17.4	15.3	15.3	17.4	19.0	21.7
80,0°	7.7	7.4	7.7	8.1	8.7	10.2	10.2	9.4	9.7	10.0	10.4	10.9	12.2
82,5°	4.1	4.1	4.3	4.6	4.8	5.1	5.7	5.7	5.9	6.0	6.1	6.0	5.9
85,0°	1.9	1.8	1.9	2.0	2.2	2.4	2.6	2.8	2.8	2.8	2.7	2.6	2.4
87,5°	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
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

Photometric test report

Family Floodlight 20 mini LED	Order number: 5XA7672C2A3AC EAN: 4058352221198	LP number 58552_12
Table of values for luminous intensities		Maximum luminous intensity

siteco

C-planes	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	Luminous intensity in cd/klm												
0,0°	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9
2,5°	178.4	178.2	178.1	178.0	177.9	177.9	180.8	180.8	180.8	180.8	180.7	180.7	180.6
5,0°	174.1	173.4	172.9	172.6	172.5	172.5	184.0	183.9	183.7	183.4	183.0	182.4	181.8
7,5°	169.0	167.8	167.0	166.4	166.1	166.0	189.0	188.8	188.2	187.3	186.2	184.7	182.9
10,0°	168.2	167.4	167.0	166.8	166.9	166.9	196.1	195.7	194.6	192.8	190.4	187.3	183.8
12,5°	176.3	176.2	176.2	176.5	176.6	176.7	204.8	204.3	202.6	199.6	195.5	190.6	184.6
15,0°	189.4	189.4	189.7	190.1	190.5	190.5	214.0	213.3	210.7	206.2	200.3	192.9	184.0
17,5°	207.3	208.0	208.5	209.2	209.8	209.9	223.3	222.1	218.4	212.3	204.0	193.6	180.1
20,0°	228.2	228.8	229.4	229.9	230.3	230.3	231.5	229.8	224.9	217.0	205.7	190.3	166.4
22,5°	252.4	252.9	253.3	253.8	254.0	253.8	239.6	237.7	231.4	220.5	203.7	177.1	144.0
25,0°	276.7	276.9	277.0	277.7	278.0	277.7	247.5	245.1	236.8	222.0	193.8	156.1	119.5
27,5°	303.6	303.1	302.4	303.2	303.6	303.3	253.3	250.0	239.7	217.0	174.8	130.8	95.4
30,0°	328.6	326.1	324.3	324.2	323.9	322.9	255.2	251.2	238.8	203.2	152.9	107.3	78.5
32,5°	350.6	346.3	343.1	340.9	337.1	334.2	257.1	252.7	235.1	186.8	130.3	88.3	69.8
35,0°	368.8	361.3	356.5	350.6	340.0	334.7	258.7	253.5	225.8	166.7	106.8	73.1	65.2
37,5°	380.8	369.5	363.2	351.9	334.9	328.5	259.4	252.9	212.7	146.0	88.0	65.4	62.8
40,0°	387.7	373.0	363.3	343.5	323.9	317.9	259.7	250.3	199.2	127.8	76.1	61.9	60.7
42,5°	390.0	371.4	353.5	331.6	318.1	313.9	259.4	246.9	189.4	115.0	70.4	59.4	58.8
45,0°	384.4	366.9	352.3	340.9	332.2	329.9	258.7	243.2	181.7	105.8	65.8	57.1	57.0
47,5°	396.0	389.7	384.4	380.6	373.9	373.2	258.9	240.0	175.3	100.4	62.3	55.0	55.2
50,0°	458.1	458.1	448.9	441.8	432.1	429.5	260.8	237.4	169.3	94.5	59.2	53.0	53.5
52,5°	550.7	541.8	522.6	504.5	485.6	481.0	265.5	238.4	165.7	91.4	57.0	51.1	51.7
55,0°	636.6	610.4	568.8	525.7	494.3	487.2	275.3	243.2	167.6	91.4	55.9	49.3	49.7
57,5°	672.1	604.8	524.7	456.8	415.8	405.5	292.0	255.8	180.6	101.7	61.0	48.6	47.5
60,0°	574.7	466.3	375.8	316.6	282.4	273.2	309.0	268.9	198.3	124.4	79.5	53.3	45.7
62,5°	381.2	303.5	247.0	203.1	171.1	163.0	313.6	273.2	210.0	145.1	101.0	67.1	46.2
65,0°	254.3	201.4	146.7	98.7	73.7	72.1	277.5	248.6	202.2	149.0	104.6	72.8	50.4
67,5°	162.1	121.9	57.2	40.9	37.9	36.6	147.3	155.0	152.5	128.7	92.2	62.6	49.8
70,0°	105.4	79.1	39.4	31.3	29.5	28.0	47.6	43.2	62.9	70.1	56.8	49.6	43.3
72,5°	55.6	44.1	29.7	23.8	22.1	20.8	26.2	23.8	25.9	32.8	30.3	29.8	29.6
75,0°	29.5	29.7	23.0	18.3	17.0	15.7	18.4	16.6	17.8	20.4	20.1	19.7	19.5
77,5°	24.2	22.5	16.4	13.4	12.2	11.1	13.5	11.8	12.6	13.9	13.6	13.6	13.5
80,0°	13.8	12.7	10.0	9.0	7.9	7.1	7.8	7.7	8.0	8.9	8.9	8.8	8.8
82,5°	5.7	5.7	5.2	4.6	4.1	3.8	4.3	4.4	4.5	4.9	5.2	5.2	5.3
85,0°	2.2	2.0	1.8	1.6	1.5	1.4	2.0	2.0	2.1	2.3	2.4	2.5	2.5
87,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	1.0	1.0	1.0	1.0
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	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

Photometric test report

Family Floodlight 20 mini LED	Order number: 5XA7672C2A3AC EAN: 4058352221198	LP number 58552_12
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0,0°	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	179.9	0.3	0.3
2,5°	180.5	180.3	180.0	179.8	179.6	179.4	179.1	178.9	178.7	178.7	178.8	2.1	2.4
5,0°	181.0	180.2	179.2	178.2	177.2	176.4	175.5	174.8	174.4	174.2	174.1	4.3	6.7
7,5°	180.8	178.6	176.4	174.2	172.0	170.0	168.2	166.7	165.6	165.1	164.9	6.3	13.0
10,0°	179.9	175.8	171.6	167.6	163.5	159.9	156.7	153.9	151.9	150.8	150.4	8.4	21.4
12,5°	178.0	171.0	163.7	156.5	149.3	142.5	136.1	130.8	127.0	124.6	123.8	10.4	31.8
15,0°	173.7	161.6	147.6	133.7	121.5	111.6	103.7	97.8	93.7	91.2	90.4	12.4	44.2
17,5°	160.5	139.0	119.5	103.6	91.7	83.3	77.4	73.6	71.1	69.7	69.2	14.5	58.7
20,0°	138.8	114.2	95.2	82.1	74.1	69.9	67.5	66.0	64.9	64.1	63.8	16.8	75.5
22,5°	114.0	92.0	78.5	71.5	68.4	66.7	65.3	64.0	63.0	62.2	61.8	19.5	95.0
25,0°	92.1	76.9	70.6	68.4	67.0	65.7	64.4	63.2	62.0	60.9	60.5	22.3	117.3
27,5°	76.0	69.9	68.2	67.3	66.3	65.3	64.0	62.6	61.2	59.9	59.2	25.3	142.7
30,0°	69.2	67.5	67.0	66.5	66.0	65.1	63.9	62.3	60.7	59.0	58.2	28.3	171.0
32,5°	66.4	65.9	65.9	65.9	65.8	65.1	63.7	62.0	60.1	58.2	57.1	31.3	202.3
35,0°	64.3	64.3	64.7	65.1	65.2	64.7	63.3	61.3	59.2	57.1	55.9	34.1	236.4
37,5°	62.5	62.8	63.3	64.0	64.2	63.9	62.6	60.7	58.6	56.4	55.0	36.8	273.2
40,0°	60.8	61.3	61.9	62.5	63.0	62.9	62.0	60.3	58.3	56.2	54.9	39.3	312.5
42,5°	59.2	59.8	60.2	61.0	61.6	62.1	61.6	60.0	58.1	56.3	55.1	41.7	354.3
45,0°	57.5	58.1	58.5	59.1	60.2	61.3	61.1	59.6	58.0	56.4	55.2	44.2	398.5
47,5°	55.9	56.5	56.7	57.3	58.8	60.4	60.6	59.2	57.6	56.2	55.1	47.2	445.7
50,0°	54.3	54.8	55.0	55.7	57.5	59.4	59.9	58.8	57.0	55.8	55.0	52.3	498.0
52,5°	52.5	53.2	53.5	54.3	56.1	58.3	59.3	58.5	56.9	55.7	55.2	59.5	557.5
55,0°	50.6	51.4	52.0	52.9	54.7	57.4	58.8	58.6	56.7	55.8	55.6	67.2	624.7
57,5°	48.3	49.4	50.2	51.3	53.2	56.2	58.2	58.2	56.1	55.7	56.0	73.8	698.5
60,0°	45.8	46.8	47.9	49.2	51.4	54.4	56.9	56.6	54.4	54.3	54.7	75.4	773.9
62,5°	43.1	43.7	44.7	46.1	48.5	51.4	54.1	53.6	51.5	51.2	51.5	70.8	844.7
65,0°	41.0	40.4	41.3	42.9	45.0	48.1	50.7	50.1	47.7	47.1	47.5	59.6	904.3
67,5°	40.3	36.4	37.3	38.9	41.3	44.1	45.9	44.8	41.9	41.5	42.4	41.3	945.6
70,0°	36.6	32.1	32.9	34.8	37.1	39.4	40.3	38.5	35.5	36.6	37.0	25.2	970.8
72,5°	27.7	26.2	27.5	29.5	31.6	33.3	33.6	30.8	28.6	31.2	32.2	13.1	983.9
75,0°	19.9	20.5	21.9	23.7	25.4	26.8	26.5	23.8	21.8	23.3	24.5	6.9	990.8
77,5°	13.9	14.6	15.4	17.1	18.7	19.9	18.8	16.8	15.2	15.4	15.8	4.3	995.1
80,0°	9.1	9.5	10.1	11.1	12.3	12.9	11.8	10.5	9.4	9.1	8.9	2.6	997.7
82,5°	5.4	5.6	5.9	6.1	6.3	6.2	5.8	5.2	4.7	4.5	4.4	1.4	999.1
85,0°	2.5	2.5	2.6	2.7	2.7	2.7	2.6	2.3	2.1	2.0	2.0	0.6	999.8
87,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.2	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

Photometric test report

Family Floodlight 20 mini LED	Order number: 5XA7672C2A3AC EAN: 4058352221198	LP number 58552_12
---	---	------------------------------

Dimming levels table	environmental temperature: 25°C	sITeco
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	13030	95.8
95	240	252	12379	90.4
90	225	250	11728	85.1
85	211	247	11076	79.8
80	197	245	10425	74.6
75	184	242	9773	69.6
70	171	239	9122	64.6
65	157	236	8470	59.7
60	143	233	7819	55.0
55	132	230	7167	50.3
50	118	226	6516	45.7
45	106	222	5864	41.1
40	93	217	5212	36.7
35	81	212	4561	32.4
30	69	206	3909	28.1
25	57	199	3258	23.9
20	46	191	2606	19.7
15	34	180	1954	15.6