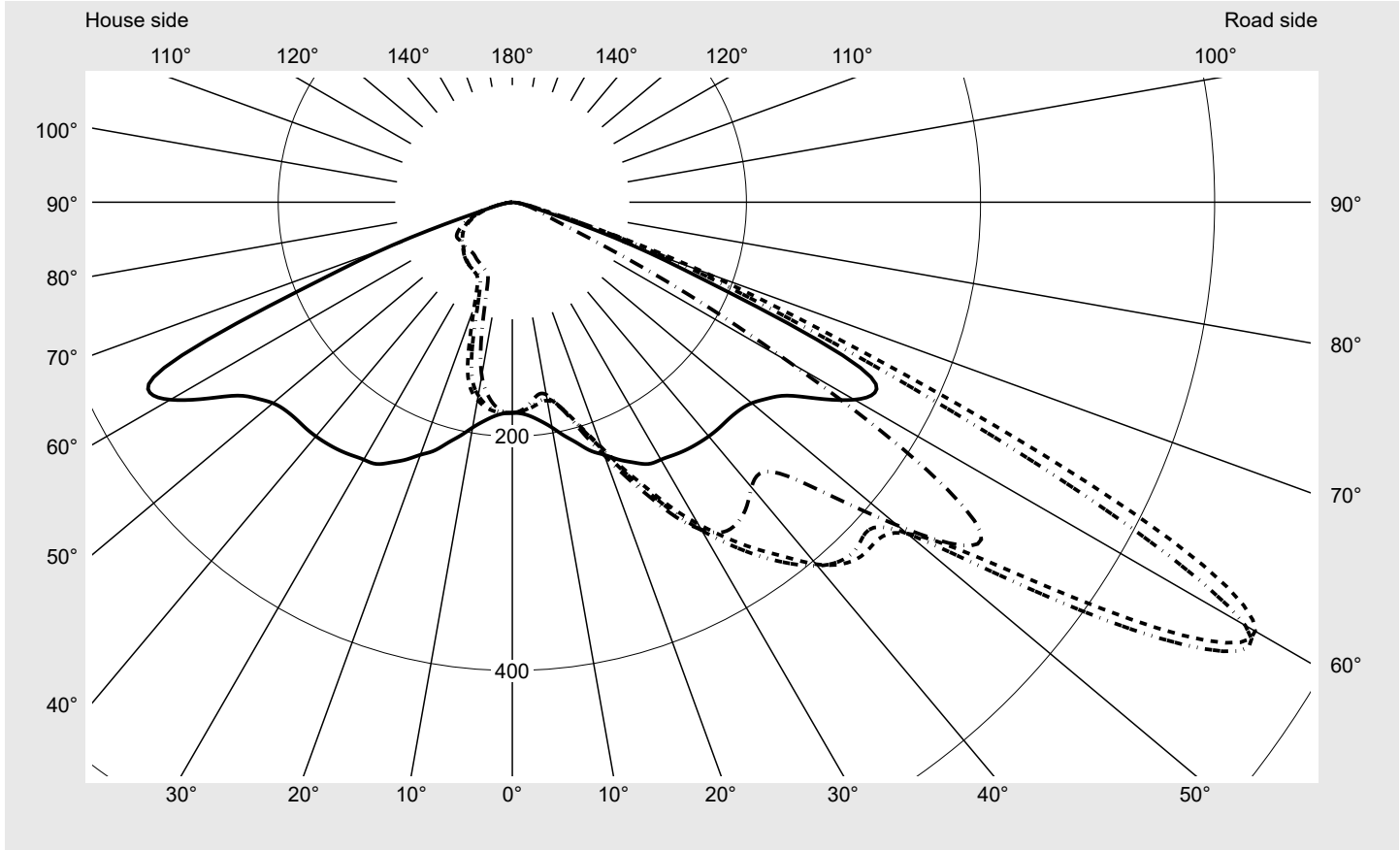


Photometric test report

Family Floodlight 20 midi LED	Order number: 5XA7682E1A2AC EAN: 4058352223031	LP number 58576_13
	Version bracket for wall fastening Optic asymmetric distribution PL43 Cover toughened safety glass Lamps 1 x LED 3000K / CRI ≥ 80 (unbekannt LED 3000K / CRI = 80) Controlgear ECG-DALI Rated values Net luminous flux = 22300 lm Power consumption = 207.8 W Luminous efficacy = 107.3 lm/W	serial documentation 25.08.2021



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

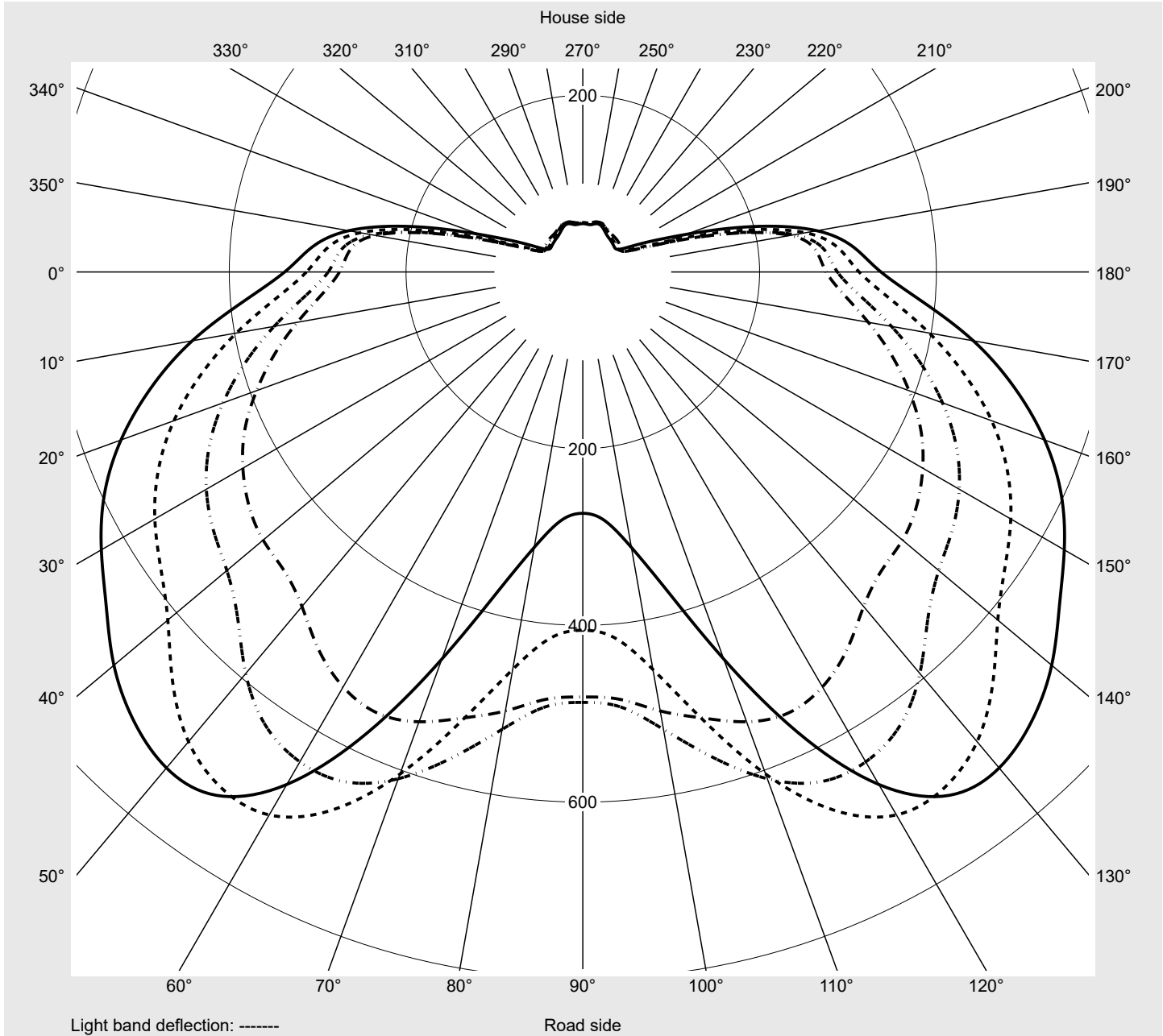
Photometric test report

Family Floodlight 20 midi LED	Order number: 5XA7682E1A2AC EAN: 4058352223031	LP number 58576_13
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Envelope curve in cd/klm

KMK 60°
KMK 57.5°
KMK 55°
KMK 52.5°

siteco



Photometric test report

Family Floodlight 20 midi LED	Order number: 5XA7682E1A2AC EAN: 4058352223031	LP number 58576_13
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siteco

Table of values for luminous intensities		Maximum luminous intensity											
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 midi LED	Order number: 5XA7682E1A2AC EAN: 4058352223031	LP number 58576_13
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 midi LED	Order number: 5XA7682E1A2AC EAN: 4058352223031	LP number 58576_13
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 midi LED	Order number: 5XA7682E1A2AC EAN: 4058352223031	LP number 58576_13
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Dimming levels table	environmental temperature: 25°C	sITeco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	22300	207.8
95	239	252	21185	196.0
90	225	250	20070	184.4
85	211	247	18955	173.1
80	196	245	17840	161.9
75	184	242	16725	151.1
70	170	239	15610	140.2
65	156	236	14495	129.8
60	143	233	13380	119.6
55	131	230	12265	109.2
50	118	226	11150	99.2
45	105	222	10035	89.5
40	92	217	8920	79.9
35	81	212	7805	70.4
30	69	206	6690	61.0
25	57	199	5575	51.8
20	46	191	4460	43.0
15	34	180	3344	34.2