
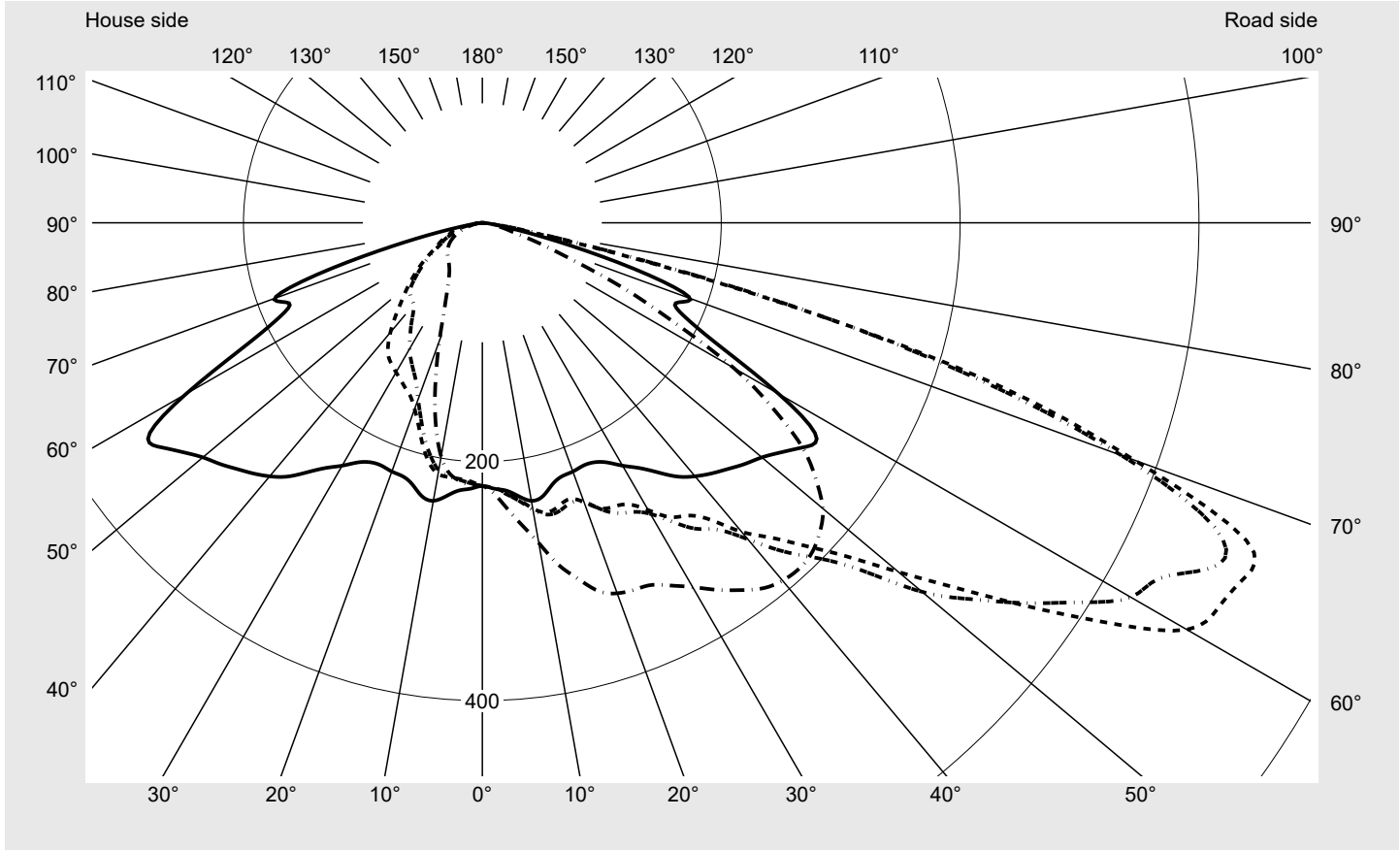


Photometric test report

Family DL® 50 mini LED	Order number: 5XA2482K1B08A4 EAN: 4058352060810	LP number 57235_42
	Version post-top or side-entry mounting Optic asymmetric distribution ST1.2a Cover clear cover, partly structured Lamps LED 4000 K CRI ≥ 70 Controlgear ECG Plus Rated values Net luminous flux = 7310 lm Power consumption = 53.4 W Luminous efficacy = 136.9 lm/W	serial documentation 26.11.2020



Luminous intensity in cd/klm C180-0 C205-25 C210-30 C270-90 **Imax: 704 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:	G3
Imax 70°	581.2
Imax 80°	43.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

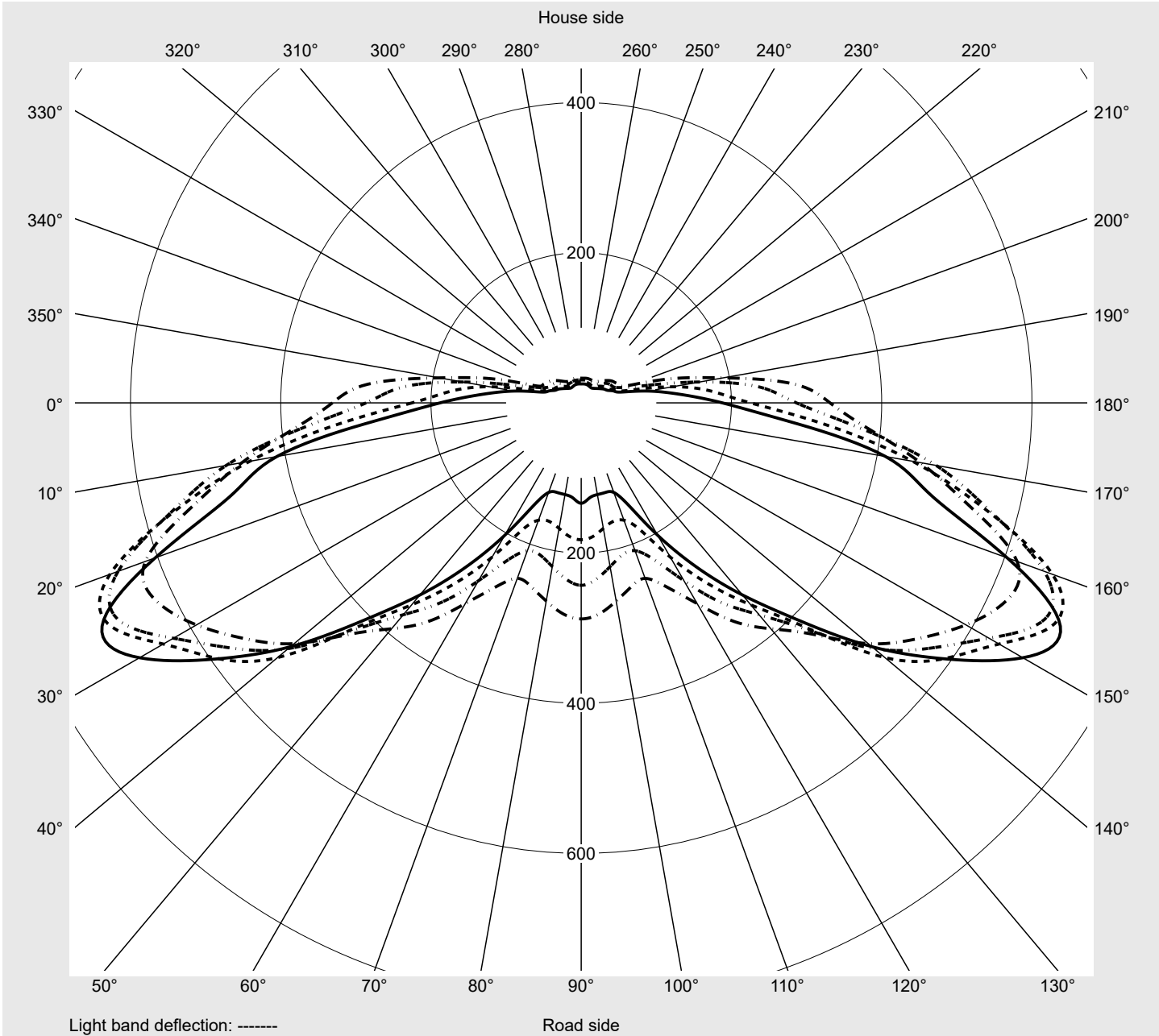
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family DL® 50 mini LED	Order number: 5XA2482K1B08A4 EAN: 4058352060810	LP number 57235_42
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Envelope curve in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **siteco**



Photometric test report

Family DL® 50 mini LED	Order number: 5XA2482K1B08A4 EAN: 4058352060810	LP number 57235_42
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°	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3
2,5°	222.8	222.8	222.0	222.0	221.7	222.0	222.3	222.5	224.2	224.6	225.0	225.4	226.9
5,0°	224.9	225.2	225.1	225.7	226.0	227.0	227.9	228.7	231.2	232.2	233.7	235.2	237.3
7,5°	230.7	231.2	231.5	232.1	232.5	233.9	234.7	235.4	238.5	240.6	243.1	245.6	248.7
10,0°	236.3	237.6	238.3	239.6	241.1	242.8	243.9	245.0	248.3	250.7	253.6	256.7	261.2
12,5°	234.4	237.2	239.4	242.2	245.4	248.3	250.2	252.5	256.1	258.8	262.6	266.6	271.7
15,0°	226.7	230.6	233.9	237.5	241.7	245.8	249.7	253.8	258.4	262.5	266.2	270.4	276.1
17,5°	222.4	226.2	229.9	234.0	238.3	242.5	245.8	250.2	255.8	261.7	266.5	272.0	278.8
20,0°	221.6	229.5	237.0	242.3	246.0	248.8	248.6	249.9	253.7	259.7	266.7	274.1	282.1
22,5°	220.2	233.5	243.8	250.9	254.6	258.8	259.6	258.3	258.7	262.1	269.6	280.8	289.5
25,0°	221.2	233.1	241.4	249.4	255.4	262.0	268.3	270.8	271.5	273.5	279.3	289.7	300.6
27,5°	226.2	234.9	244.2	252.2	259.5	265.8	272.9	282.0	289.1	292.4	296.3	305.1	314.6
30,0°	234.8	247.2	257.3	264.7	272.0	277.7	281.4	291.2	303.8	312.8	318.3	325.4	331.7
32,5°	243.3	255.0	261.7	269.9	280.7	292.1	296.9	306.4	317.7	330.1	340.4	346.1	350.3
35,0°	254.8	262.1	270.2	277.1	287.0	299.3	312.7	325.9	336.7	347.5	360.4	366.8	367.9
37,5°	267.8	280.6	289.9	297.0	304.8	313.2	323.8	341.7	355.0	363.0	375.8	384.1	383.2
40,0°	277.0	288.0	298.8	311.3	326.4	337.7	345.9	359.0	369.7	379.5	388.6	395.6	395.7
42,5°	284.5	292.3	308.3	325.0	342.6	357.4	373.2	383.6	385.2	391.8	399.6	402.5	402.0
45,0°	291.3	304.6	332.7	356.4	373.1	382.5	397.0	411.3	411.0	408.6	409.8	405.3	401.4
47,5°	298.6	321.8	364.4	399.7	410.8	413.2	430.5	439.0	433.9	419.9	416.3	408.4	397.9
50,0°	305.5	342.5	402.9	438.4	466.3	454.7	480.7	476.7	450.5	425.8	416.6	403.4	384.8
52,5°	315.6	354.3	416.5	457.2	508.6	503.1	517.8	505.4	466.8	434.5	416.8	395.2	365.6
55,0°	327.8	368.6	429.6	487.6	556.9	560.9	555.1	532.7	485.0	438.4	408.9	380.4	340.2
57,5°	331.2	381.9	458.6	537.0	617.5	624.1	591.4	547.3	498.8	435.8	392.7	355.6	308.7
60,0°	286.4	369.3	479.9	566.1	656.1	681.2	626.9	569.2	509.2	427.9	368.3	324.3	273.6
62,5°	225.2	324.4	448.1	562.0	667.7	695.5	642.4	593.0	527.8	422.8	351.1	293.8	237.3
65,0°	187.9	275.3	411.3	485.1	603.5	703.8	678.9	594.8	505.2	409.5	334.0	266.2	203.6
67,5°	175.5	268.6	379.0	413.8	527.8	690.9	662.2	530.9	463.4	366.1	291.6	232.6	166.1
70,0°	185.1	277.8	366.2	397.4	471.8	581.2	570.0	457.6	380.9	296.3	237.8	189.4	127.8
72,5°	147.5	240.2	303.0	338.5	390.4	453.7	435.5	344.8	262.0	217.6	187.3	151.2	97.4
75,0°	87.2	144.2	188.4	209.3	242.7	262.0	267.7	196.9	142.1	126.4	121.8	102.8	63.6
77,5°	42.1	54.3	68.2	82.2	89.7	94.8	104.3	85.8	71.1	67.1	64.8	56.7	43.3
80,0°	16.3	18.2	20.6	24.1	23.3	25.2	34.8	43.3	37.2	28.1	24.6	22.7	20.1
82,5°	7.6	8.0	8.3	8.9	9.7	10.2	12.3	14.6	12.5	12.0	11.2	11.0	10.4
85,0°	4.0	4.1	4.1	4.1	4.2	4.3	4.6	4.9	5.0	5.1	5.1	5.2	4.9
87,5°	2.1	2.0	2.0	2.0	1.8	1.8	1.7	1.7	1.7	1.5	1.4	1.4	1.4
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 DL® 50 mini LED	Order number: 5XA2482K1B08A4 EAN: 4058352060810	LP number 57235_42
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°	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3
2,5°	228.1	228.9	229.7	230.0	228.6	227.0	222.0	220.5	218.8	217.3	216.8	218.3	219.0
5,0°	239.2	240.8	242.3	243.1	241.9	240.4	223.3	220.8	218.4	216.3	215.3	216.1	216.2
7,5°	251.6	254.2	256.7	258.0	257.3	255.4	228.3	224.4	220.9	217.3	214.7	214.1	212.8
10,0°	265.4	269.4	272.7	275.2	274.6	272.2	232.5	227.8	223.1	218.0	213.5	210.3	206.3
12,5°	277.5	283.5	288.7	292.8	293.6	293.0	229.4	223.6	217.6	211.5	205.8	200.1	193.9
15,0°	283.9	292.7	300.5	307.1	309.5	308.3	221.1	213.4	206.5	199.7	192.7	186.8	179.1
17,5°	287.6	298.3	308.7	318.1	322.1	323.2	214.9	206.0	196.3	186.2	177.8	171.3	162.5
20,0°	291.9	303.4	313.8	323.3	328.5	330.1	212.6	202.6	190.9	178.1	165.9	157.3	147.1
22,5°	300.1	310.8	319.7	326.9	330.9	332.5	206.5	195.6	185.4	173.1	157.3	144.8	132.3
25,0°	310.6	319.7	326.5	331.7	334.6	334.6	204.4	188.0	178.3	168.4	152.6	136.5	120.5
27,5°	324.3	331.9	336.3	339.7	341.7	342.4	211.0	189.1	173.4	163.3	148.2	129.4	109.5
30,0°	340.1	346.0	348.3	350.4	352.2	352.1	220.4	198.0	176.3	160.3	144.5	121.8	99.3
32,5°	356.4	360.0	360.1	361.4	363.6	364.3	225.2	202.6	181.4	161.3	140.9	112.6	89.8
35,0°	370.8	372.1	370.3	371.1	375.0	375.4	238.4	207.8	184.7	164.2	136.9	103.8	84.2
37,5°	382.9	380.8	377.7	378.5	383.5	385.7	252.7	218.9	187.3	165.1	129.7	95.2	81.9
40,0°	393.2	387.6	381.4	382.4	388.5	391.1	258.3	226.0	191.5	162.6	119.8	89.5	80.8
42,5°	397.9	389.0	381.1	383.5	390.0	392.7	268.4	226.2	191.5	156.9	108.7	87.3	80.2
45,0°	395.5	383.2	376.9	381.1	387.8	390.3	280.1	229.4	187.8	145.5	97.7	85.3	79.0
47,5°	386.1	370.0	366.9	373.1	381.1	383.2	284.9	228.3	182.9	130.0	88.5	81.6	76.1
50,0°	369.6	348.9	347.8	356.9	367.8	372.1	285.0	226.9	177.3	110.0	80.1	74.8	70.0
52,5°	341.9	321.3	324.8	337.2	348.1	351.8	288.7	222.8	171.8	92.8	71.9	67.2	63.3
55,0°	307.7	286.7	293.6	308.0	321.1	326.7	295.6	219.9	161.4	78.5	64.3	60.0	56.7
57,5°	270.9	248.8	254.3	268.0	281.8	287.8	285.1	191.8	124.6	68.2	56.5	53.2	50.4
60,0°	230.9	209.5	210.0	221.5	235.3	243.0	239.3	160.2	89.5	59.9	49.1	46.4	44.3
62,5°	187.3	166.3	163.6	169.7	178.6	182.3	175.2	123.5	63.8	50.8	43.0	39.8	37.4
65,0°	151.6	127.0	123.6	124.0	127.1	133.7	131.6	90.5	55.6	46.1	39.3	36.2	32.8
67,5°	115.4	87.9	80.7	79.8	81.9	83.5	119.1	70.7	54.3	42.7	35.0	31.7	28.3
70,0°	88.7	64.2	50.0	48.6	49.7	53.0	117.7	68.0	53.1	37.2	30.1	26.4	24.0
72,5°	64.9	48.2	34.1	31.0	30.2	30.4	88.2	57.7	46.4	32.0	27.9	23.6	21.0
75,0°	44.9	30.3	24.1	21.3	20.4	20.7	49.5	39.8	34.3	26.4	24.6	20.8	18.2
77,5°	27.1	19.3	16.1	14.4	13.8	13.6	29.3	23.3	21.2	18.8	16.5	15.2	14.1
80,0°	15.2	12.2	10.6	9.7	9.3	9.4	14.3	12.9	11.9	10.9	10.0	9.9	9.9
82,5°	8.9	7.5	6.5	6.0	5.8	5.8	7.2	6.9	6.7	6.4	6.0	5.8	5.7
85,0°	4.4	3.8	3.4	3.1	3.0	3.2	3.8	3.8	3.8	3.7	3.6	3.5	3.3
87,5°	1.2	1.2	1.1	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8
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

Photometric test report

Family DL® 50 mini LED	Order number: 5XA2482K1B08A4 EAN: 4058352060810	LP number 57235_42
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°	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	0.3	0.3
2,5°	218.3	217.3	217.1	217.3	217.3	216.7	216.5	216.9	218.0	219.5	219.8	2.7	3.0
5,0°	215.2	214.0	213.6	213.6	213.9	213.6	213.2	213.8	214.9	216.6	216.9	5.4	8.3
7,5°	209.9	207.6	206.6	206.5	206.5	206.7	206.8	207.6	208.9	210.9	211.5	8.2	16.5
10,0°	201.1	196.8	194.5	193.5	193.5	193.7	193.9	194.7	195.7	198.0	198.6	10.9	27.4
12,5°	186.3	180.0	175.6	173.7	173.4	173.6	173.7	174.2	175.1	177.1	178.1	13.5	40.9
15,0°	168.6	160.7	155.0	152.4	151.6	151.3	151.0	151.0	151.6	153.0	153.6	15.6	56.5
17,5°	150.6	140.5	133.8	130.8	129.2	128.1	127.2	126.6	126.7	127.5	127.9	17.4	74.0
20,0°	133.7	122.4	115.9	112.7	110.4	108.5	106.9	105.7	105.1	105.3	105.3	19.3	93.3
22,5°	117.3	105.5	100.3	96.8	94.3	91.8	89.5	87.7	86.6	86.2	86.1	21.2	114.6
25,0°	104.4	93.7	89.2	85.6	82.7	80.0	77.4	75.3	74.0	73.2	73.0	23.3	137.8
27,5°	92.9	85.0	80.5	76.8	73.6	70.6	68.0	65.9	64.5	63.6	63.5	25.6	163.4
30,0°	84.6	78.8	74.4	70.6	66.9	63.5	61.0	59.0	57.7	56.9	56.7	28.4	191.8
32,5°	79.8	74.5	70.1	65.9	61.9	58.5	55.7	53.9	52.7	51.9	51.7	31.3	223.0
35,0°	77.3	71.8	66.9	62.3	58.1	54.6	51.9	50.1	49.0	48.4	48.1	34.3	257.3
37,5°	75.8	70.0	64.5	59.5	55.1	51.7	49.0	47.5	46.4	45.9	45.6	37.5	294.8
40,0°	75.0	68.6	62.5	57.1	52.5	49.2	46.8	45.4	44.4	43.9	43.6	40.6	335.5
42,5°	74.3	67.4	60.6	54.9	50.3	47.2	45.1	43.8	42.9	42.3	42.2	43.5	379.0
45,0°	72.8	64.9	57.8	52.2	48.0	45.1	43.4	42.2	41.4	40.9	40.7	46.5	425.5
47,5°	69.8	61.9	54.7	49.6	45.9	43.3	41.9	40.9	40.1	39.6	39.4	49.4	474.9
50,0°	64.2	57.1	50.7	46.1	42.9	41.2	40.1	39.4	38.8	38.2	38.0	52.1	527.0
52,5°	58.4	52.2	46.4	42.5	40.0	38.8	38.2	37.8	37.2	36.7	36.5	54.0	580.9
55,0°	52.2	46.9	42.1	38.5	36.7	36.0	35.9	35.8	35.4	35.0	34.8	55.5	636.4
57,5°	46.3	41.7	37.5	34.6	33.4	33.3	33.4	33.5	33.3	33.0	32.9	56.2	692.7
60,0°	40.6	36.2	32.9	30.9	30.1	30.4	30.9	31.0	30.9	30.6	30.6	55.4	748.0
62,5°	34.5	31.2	28.5	27.2	26.9	27.5	28.0	28.3	28.2	28.1	28.0	52.6	800.6
65,0°	29.7	27.2	25.3	24.1	24.1	24.6	25.2	25.5	25.5	25.4	25.2	48.9	849.5
67,5°	25.7	23.6	22.2	21.4	21.3	21.8	22.2	22.4	22.5	22.2	22.0	44.1	893.6
70,0°	22.4	20.7	19.5	18.8	18.6	19.0	19.3	19.3	19.2	19.1	19.0	38.8	932.5
72,5°	19.1	17.5	16.4	15.9	15.8	16.0	16.1	15.9	15.8	15.7	15.6	31.0	963.4
75,0°	16.2	14.7	13.5	13.0	12.9	12.9	12.9	12.7	12.5	12.4	12.3	19.6	983.0
77,5°	12.6	11.5	10.4	9.9	9.8	9.7	9.6	9.4	9.2	9.1	9.0	9.4	992.4
80,0°	9.3	8.3	7.6	7.1	7.0	6.8	6.7	6.6	6.4	6.4	6.4	4.2	996.6
82,5°	5.7	5.3	4.9	4.6	4.5	4.3	4.3	4.2	4.1	4.1	4.1	2.0	998.6
85,0°	3.2	3.0	2.8	2.7	2.5	2.4	2.3	2.3	2.3	2.3	2.3	1.0	999.6
87,5°	1.8	1.7	1.5	1.4	1.4	1.2	1.2	1.1	1.0	1.0	1.0	0.4	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 DL® 50 mini LED	Order number: 5XA2482K1B08A4 EAN: 4058352060810	LP number 57235_42
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Dimming levels table	environmental temperature: 25°C	sITeco
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Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	7310	53.4	55.3	54.4
95	241	6935	50.1	51.8	51.0
90	229	6590	47.1	48.8	48.0
85	216	6217	44.0	45.5	44.8
80	203	5842	40.9	42.3	41.6
75	190	5468	37.9	39.3	38.6
70	178	5123	35.3	36.5	35.9
65	165	4748	32.5	33.6	33.0
60	152	4375	29.7	30.7	30.2
55	140	4030	27.3	28.2	27.8
50	127	3655	24.7	25.4	25.0
45	114	3280	22.1	22.8	22.5
40	102	2935	19.8	20.4	20.1
35	89	2562	17.4	17.9	17.6
30	76	2187	15.0	15.4	15.2
25	63	1813	12.7	13.0	12.8
20	51	1468	10.6	10.9	10.8
15	38	1093	8.3	8.5	8.4
15	37	1065	8.1	8.4	8.2