

Photometric test report

Family
DL® 50 mini LED

Order number: 5XA2482M1B08A4
EAN: 4058352363409

LP number
58914_4



Version post-top or side-entry mounting
Optic pedestrian crossing, asymmetric left distribution (PC-L)
Cover clear cover, partly structured
Lamps LED 4000 K | CRI ≥ 70
Controlgear ECG Plus
Rated values Net luminous flux = 6740 lm
 Power consumption = 57.9 W
 Luminous efficacy = 116.4 lm/W

serial
documentation
26.11.2020

sitEco

Luminous intensity in cd/klm

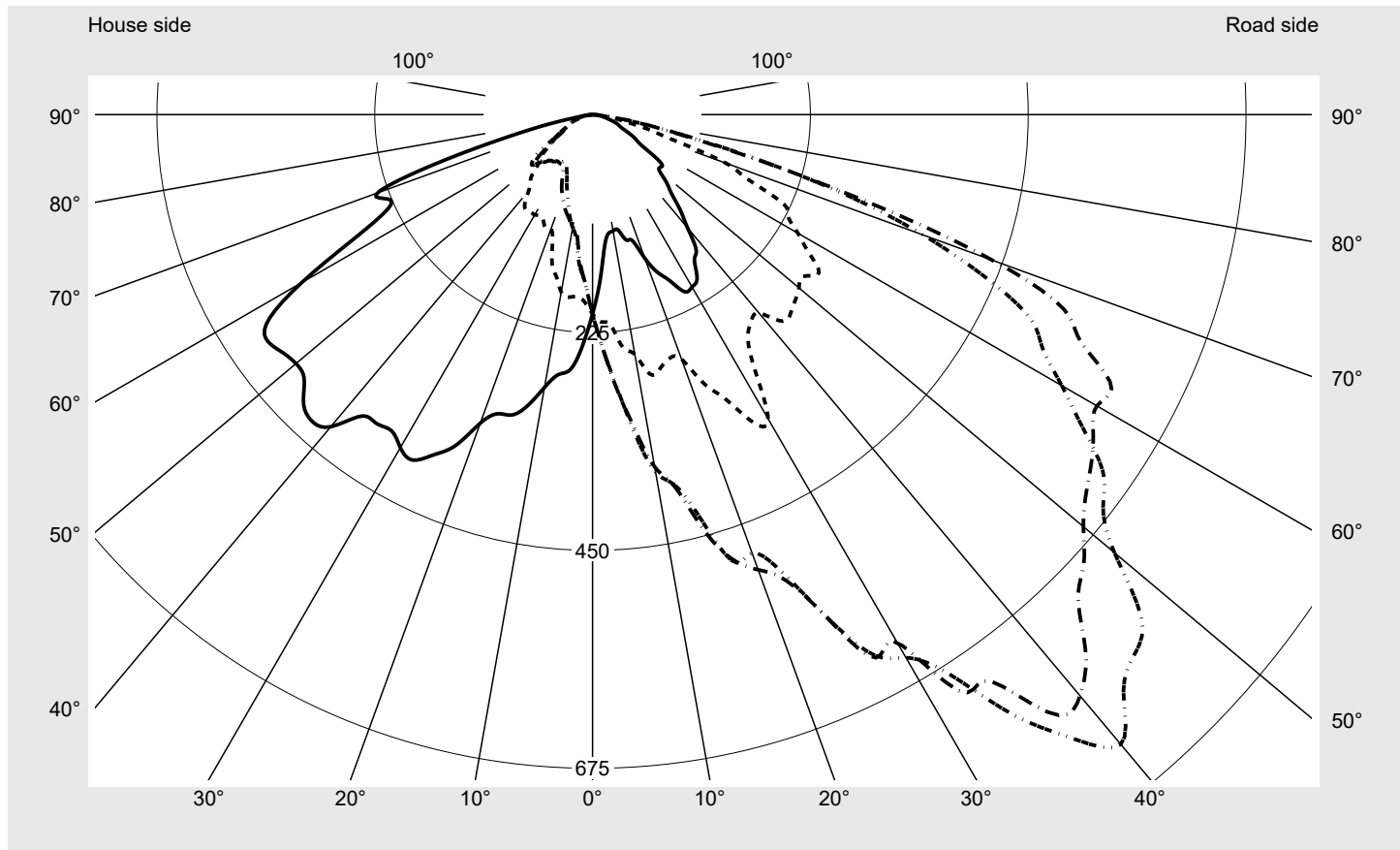
C180-0

C270-90

C315-135

C320-140

Imax: 849 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°	676.1
Imax 80°	57.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions

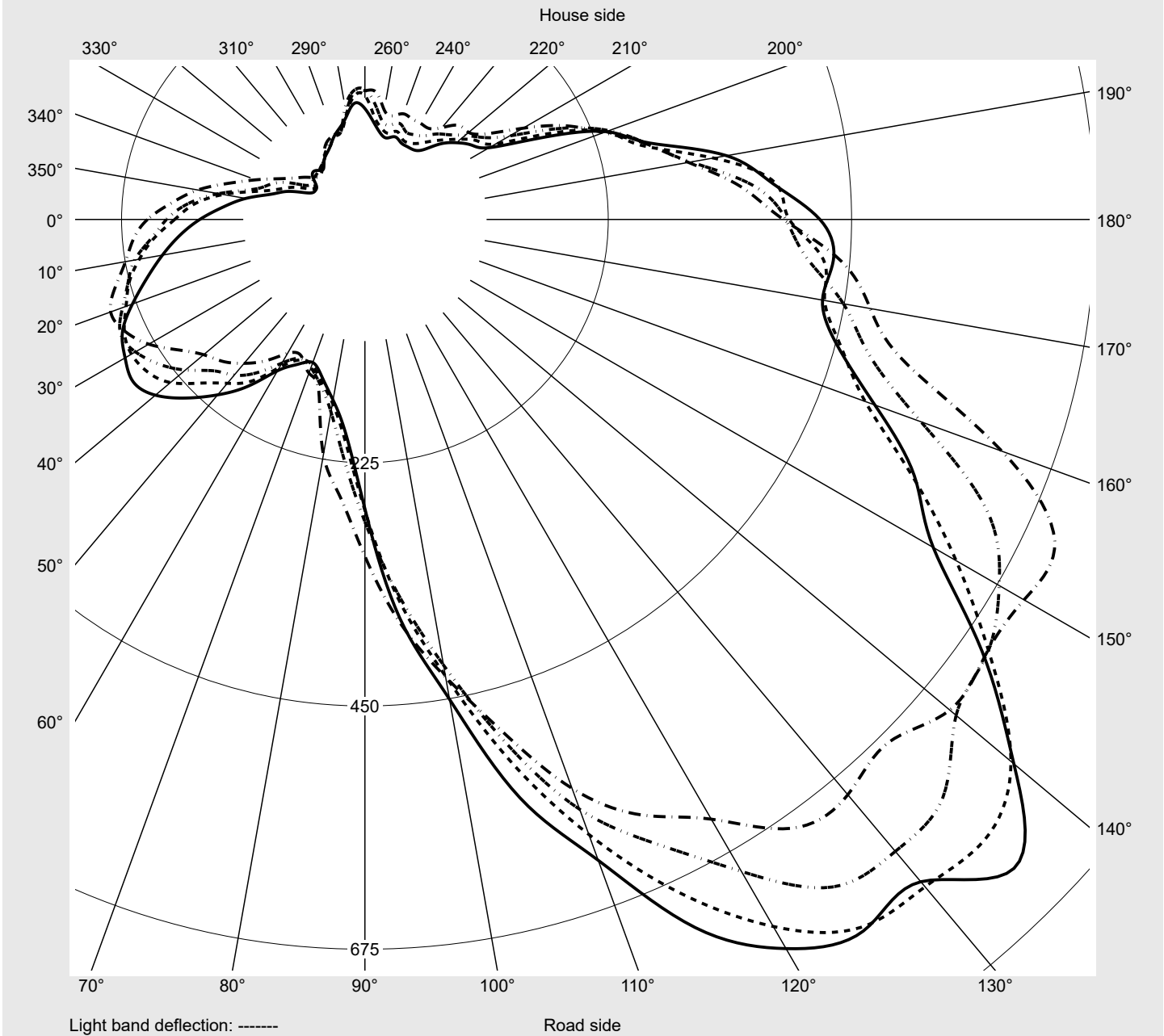
DIN EN 13032 and DIN 5032

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Family DL® 50 mini LED	Order number: 5XA2482M1B08A4 EAN: 4058352363409	LP number 58914_4
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Envelope curve in cd/klm **KMK 40°** **KMK 37.5°** **KMK 35°** **KMK 32.5°**



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Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°
γ	Luminous intensity in cd/klm													
0,0°	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8
2,5°	172.7	172.5	173.1	174.0	174.9	176.0	177.1	178.4	180.3	182.1	183.6	185.6	188.3	191.6
5,0°	138.7	139.2	139.3	140.7	143.4	145.2	149.3	154.3	156.6	159.5	163.1	168.7	176.9	186.2
7,5°	124.0	126.4	127.3	127.2	129.8	133.9	137.0	140.7	144.8	151.0	157.2	163.9	170.1	180.9
10,0°	122.0	121.9	121.3	121.4	121.0	122.0	122.8	125.5	133.3	138.9	141.6	147.4	157.5	172.7
12,5°	122.0	122.8	123.3	124.8	125.7	125.1	125.1	125.4	129.5	133.1	135.4	143.3	152.5	163.7
15,0°	134.0	124.2	123.3	122.9	123.9	124.3	122.6	124.0	127.3	131.1	138.6	147.2	148.7	154.6
17,5°	136.3	136.0	135.5	134.9	133.4	130.5	127.8	126.3	127.3	133.1	136.9	140.8	145.8	152.7
20,0°	157.8	162.8	165.1	166.3	161.6	153.9	144.6	133.1	130.8	134.6	137.0	138.0	142.5	148.7
22,5°	176.8	186.6	190.0	190.1	185.0	180.0	169.0	154.0	143.4	138.6	137.8	138.9	140.2	149.2
25,0°	189.5	195.1	198.4	198.0	196.6	191.2	185.1	172.4	156.5	147.4	140.5	139.6	141.3	151.8
27,5°	206.3	211.3	218.0	217.2	212.7	202.8	195.0	186.5	173.7	161.2	149.5	139.8	138.4	144.9
30,0°	205.6	226.8	240.4	241.8	237.0	223.6	207.2	195.4	184.3	173.1	159.0	147.2	138.0	143.0
32,5°	201.0	215.1	224.8	238.6	250.1	244.8	230.7	210.4	194.7	185.7	173.7	159.5	143.1	139.3
35,0°	183.4	198.0	216.2	226.8	238.5	249.4	245.0	233.0	216.6	198.0	188.0	172.8	153.4	141.9
37,5°	175.9	195.4	211.8	225.7	235.0	245.4	249.2	245.6	234.7	214.1	197.8	182.5	158.0	143.4
40,0°	152.7	172.1	190.1	208.5	228.8	247.4	256.1	261.7	252.9	233.6	211.8	188.3	161.6	148.0
42,5°	134.6	146.8	170.9	192.7	212.2	235.9	259.2	271.4	260.0	248.9	225.1	190.3	165.2	145.7
45,0°	115.4	138.1	169.3	182.8	204.1	219.7	247.1	263.2	273.0	264.1	231.0	199.5	166.3	143.3
47,5°	103.6	129.0	178.0	192.8	208.1	216.8	236.8	258.6	268.2	271.7	242.7	203.8	164.9	137.4
50,0°	90.0	117.3	172.4	186.9	229.2	202.1	244.4	256.4	262.9	274.9	254.4	213.6	168.1	135.4
52,5°	88.9	101.0	127.2	169.2	219.1	211.5	239.4	259.8	260.8	275.8	263.0	221.9	167.2	130.1
55,0°	85.4	96.2	113.6	148.6	211.0	200.1	224.1	249.7	249.1	264.2	269.9	226.9	166.5	123.1
57,5°	62.5	89.0	113.5	147.4	213.8	210.1	199.5	224.5	236.0	250.9	263.3	214.4	157.2	108.5
60,0°	52.3	69.2	96.8	144.6	199.1	223.0	197.2	195.7	219.1	232.0	251.4	215.4	158.3	101.3
62,5°	44.1	56.7	96.5	136.0	165.2	227.3	195.3	216.0	211.8	200.1	218.0	197.8	153.9	97.2
65,0°	34.5	46.5	73.7	101.1	133.4	201.9	239.8	211.2	159.9	159.5	169.5	169.6	144.3	93.9
67,5°	29.9	39.4	71.0	83.1	118.4	179.0	190.9	154.0	123.0	91.5	107.3	138.3	119.8	82.3
70,0°	26.3	29.0	58.2	65.6	101.9	123.7	115.5	101.9	82.9	61.6	75.6	103.3	95.2	67.9
72,5°	21.0	21.3	26.2	28.5	49.5	60.8	58.3	60.2	53.3	46.4	37.5	59.5	53.6	44.8
75,0°	15.9	16.7	18.3	18.5	20.4	25.2	34.4	29.4	35.6	35.1	25.8	29.2	26.4	30.8
77,5°	12.2	12.5	13.8	13.7	14.4	15.2	17.8	19.7	18.3	20.2	18.2	18.2	17.7	17.8
80,0°	8.8	8.9	9.4	9.6	9.9	10.1	10.2	10.7	10.9	11.4	11.3	11.9	11.9	12.0
82,5°	5.7	5.7	5.9	6.1	6.3	6.4	6.5	6.6	6.8	6.9	6.9	7.3	7.5	7.6
85,0°	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.2	3.3	3.3	3.3	3.4	3.5	4.0
87,5°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1
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	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	0.0

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Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	70°	75°	80°	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°	135°
γ	Luminous intensity in cd/klm													
0,0°	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8
2,5°	195.4	199.7	205.1	208.1	214.4	216.3	219.2	221.5	225.4	229.5	233.3	238.2	241.5	242.0
5,0°	195.3	201.9	209.7	213.3	218.6	228.6	239.2	248.6	257.1	268.0	275.0	278.0	280.8	281.1
7,5°	192.1	203.9	215.0	227.7	243.0	258.2	277.3	287.4	298.2	319.4	332.0	336.1	335.0	330.9
10,0°	188.4	206.5	219.7	232.1	251.4	279.4	307.8	325.9	345.8	362.3	372.6	371.7	375.4	374.9
12,5°	179.2	200.6	218.3	240.4	274.6	292.7	308.4	338.5	360.4	377.3	384.3	394.9	395.7	391.7
15,0°	172.4	195.4	214.1	232.9	270.9	294.1	318.7	340.6	366.1	383.2	396.4	403.7	421.0	432.2
17,5°	162.7	176.2	198.7	219.7	264.1	292.7	318.7	343.7	379.0	402.5	425.5	446.0	478.3	484.1
20,0°	154.9	168.9	194.5	237.6	268.6	299.9	317.3	352.2	387.8	428.7	470.0	476.8	476.0	481.6
22,5°	161.5	176.3	206.0	268.2	300.6	322.0	343.5	372.3	439.8	487.6	507.6	506.5	506.3	511.2
25,0°	161.3	183.9	217.4	284.1	323.5	337.5	367.2	404.8	479.4	506.0	530.2	543.9	539.1	572.6
27,5°	162.8	187.5	231.0	302.3	357.8	379.0	405.2	460.1	498.3	540.3	574.3	579.6	608.2	629.0
30,0°	153.1	178.9	237.7	289.4	362.8	392.8	426.8	472.7	521.7	577.6	609.9	617.8	648.2	647.5
32,5°	151.3	164.6	221.0	258.3	311.5	374.8	429.8	490.1	560.0	607.9	640.5	687.5	694.6	684.3
35,0°	145.8	158.6	180.7	222.2	279.7	347.0	418.6	500.1	580.6	637.2	696.3	753.8	763.0	755.9
37,5°	143.0	155.2	172.5	206.3	269.1	351.7	428.9	518.2	605.3	686.8	755.1	799.4	805.8	810.9
40,0°	140.8	151.8	169.6	199.8	267.6	370.2	450.7	553.8	630.8	722.7	778.8	803.5	799.7	848.8
42,5°	134.0	148.7	167.7	206.6	289.3	393.1	473.0	569.4	646.3	724.8	761.8	775.9	815.2	811.8
45,0°	128.6	140.8	161.9	209.2	289.6	388.6	510.9	563.5	661.7	710.4	767.9	780.1	807.1	790.5
47,5°	121.6	137.5	167.4	218.5	283.9	381.0	507.9	572.3	648.1	707.4	774.1	788.8	780.9	768.9
50,0°	116.1	132.0	162.1	218.8	278.3	369.8	490.7	560.8	631.7	720.4	744.4	777.6	761.5	703.7
52,5°	109.8	124.0	155.8	220.4	274.4	363.1	454.7	549.6	634.6	693.6	703.1	747.9	730.4	664.8
55,0°	103.5	117.2	155.7	209.2	285.3	354.9	425.7	522.0	613.1	640.2	682.1	693.7	676.9	643.9
57,5°	93.2	100.7	147.5	210.6	264.5	342.2	387.8	496.3	552.9	579.4	575.0	631.9	626.9	599.7
60,0°	84.8	96.1	135.4	193.1	245.0	308.1	352.5	447.1	497.1	505.0	522.7	575.9	572.4	559.7
62,5°	77.0	94.1	126.6	179.2	227.7	274.9	329.3	408.4	450.0	449.2	461.0	506.0	519.8	524.4
65,0°	72.9	87.8	130.7	162.8	217.1	262.9	296.2	328.1	367.5	377.2	389.0	437.1	465.9	499.4
67,5°	64.2	75.6	119.9	155.4	172.2	197.4	222.7	259.7	294.0	308.7	328.5	371.4	396.0	439.8
70,0°	56.1	56.4	85.9	129.0	146.9	141.9	166.6	218.0	248.2	245.7	254.8	295.9	328.5	363.4
72,5°	37.1	40.1	59.4	81.0	88.5	99.8	127.8	175.4	202.8	203.0	204.8	232.1	257.4	272.6
75,0°	23.2	23.9	33.9	45.8	61.9	71.8	98.1	140.8	145.5	151.1	147.1	159.2	178.7	169.6
77,5°	16.8	19.8	25.1	30.1	37.0	50.6	68.1	91.5	96.5	106.1	97.0	98.6	99.3	92.5
80,0°	12.8	16.1	18.3	19.1	24.8	27.8	37.9	51.7	56.0	57.6	54.5	52.2	49.8	45.4
82,5°	8.2	9.9	10.6	11.6	13.9	15.9	19.7	26.2	28.2	31.8	31.3	29.4	25.8	21.1
85,0°	4.6	5.1	5.1	5.7	7.0	7.6	9.1	11.5	13.0	13.3	13.1	12.7	11.7	9.4
87,5°	1.1	1.2	1.2	1.3	1.2	1.5	1.8	2.1	2.5	2.9	2.9	2.9	2.6	2.3
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	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	0.0

Photometric test report

Family DL® 50 mini LED	Order number: 5XA2482M1B08A4 EAN: 4058352363409	LP number 58914_4
Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	140°	145°	150°	155°	160°	165°	170°	175°	180°	185°	190°	195°	200°	205°
γ	Luminous intensity in cd/klm													
0,0°	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8
2,5°	241.3	241.3	243.2	241.8	239.7	238.2	237.9	238.8	239.1	238.2	236.7	233.8	231.6	230.0
5,0°	283.5	286.7	289.4	285.6	278.9	275.5	273.3	269.2	264.4	255.4	246.4	237.3	233.3	230.7
7,5°	324.7	323.5	327.3	316.5	300.6	292.6	289.1	279.6	270.8	262.7	253.8	243.6	236.0	230.1
10,0°	369.5	359.9	357.9	347.0	333.7	324.9	305.2	288.3	286.1	275.6	263.8	249.2	239.2	233.9
12,5°	394.0	389.6	384.6	374.0	359.9	349.7	343.7	326.4	307.3	291.1	268.6	249.2	242.1	239.5
15,0°	444.0	456.2	441.6	431.8	409.5	383.1	369.9	355.5	321.1	297.4	274.9	250.3	233.0	221.8
17,5°	481.6	474.7	465.4	457.1	435.6	420.4	394.0	359.8	323.8	301.4	276.4	248.3	224.8	215.9
20,0°	500.1	491.0	479.5	478.8	464.2	443.4	409.6	373.5	339.0	313.7	293.5	273.9	238.2	212.2
22,5°	520.1	526.4	529.4	519.4	500.6	481.8	443.3	412.5	369.9	338.1	296.4	270.8	241.5	210.0
25,0°	573.2	580.2	564.7	548.6	524.5	496.0	472.4	434.2	387.5	342.8	299.9	273.3	247.0	212.1
27,5°	632.3	593.2	580.3	558.5	542.3	508.6	481.6	447.1	402.2	352.9	304.9	262.9	239.2	211.8
30,0°	629.4	657.6	650.8	632.8	597.0	562.3	498.5	441.5	397.0	361.3	311.2	267.4	234.7	209.5
32,5°	706.0	701.0	703.7	703.7	626.9	519.5	474.5	442.1	386.9	348.8	303.8	269.7	234.8	205.0
35,0°	713.6	701.9	677.2	634.0	547.1	482.5	449.3	410.2	389.3	360.4	306.1	270.3	240.1	199.2
37,5°	779.8	706.3	631.3	557.3	492.3	455.9	431.6	425.5	392.3	381.4	327.2	264.7	237.4	188.1
40,0°	783.3	696.8	606.9	560.5	501.8	452.5	429.6	434.8	420.7	378.9	339.6	272.9	237.6	178.0
42,5°	754.1	654.3	595.9	541.8	491.3	448.9	437.1	426.8	429.2	392.2	336.4	280.5	230.6	159.6
45,0°	709.3	635.4	593.8	536.5	504.1	476.6	462.5	421.0	422.2	405.1	331.4	284.4	215.4	144.8
47,5°	688.1	642.5	596.2	553.6	532.7	503.6	468.6	428.6	404.0	381.9	310.8	273.5	193.7	131.7
50,0°	661.9	640.8	614.1	572.0	573.5	517.1	490.1	438.0	399.9	377.2	306.5	259.4	172.1	121.7
52,5°	642.6	641.4	619.4	591.9	593.1	513.0	487.1	432.7	403.6	373.8	294.6	240.0	144.6	106.9
55,0°	628.8	629.8	622.6	633.1	632.2	552.7	498.6	445.9	409.0	373.1	287.4	217.5	119.5	93.1
57,5°	613.2	609.6	642.5	690.4	692.2	604.0	550.2	466.2	398.3	339.7	242.0	166.9	104.0	79.4
60,0°	601.6	631.1	686.6	762.7	731.0	638.8	555.2	445.1	346.9	290.0	204.7	127.0	87.6	67.2
62,5°	603.8	658.1	713.9	784.1	735.4	616.6	499.8	397.8	278.2	217.1	159.9	94.7	67.9	55.0
65,0°	557.1	659.5	762.1	799.1	647.3	534.2	469.5	328.8	235.4	168.4	124.9	79.8	60.7	48.5
67,5°	528.0	597.0	762.7	800.9	607.0	451.0	465.6	322.2	228.2	155.2	93.3	69.8	52.4	40.5
70,0°	439.9	511.8	649.3	676.1	550.5	482.7	461.3	350.7	236.8	139.8	76.4	59.6	42.2	32.7
72,5°	291.7	383.6	491.3	510.0	463.7	405.4	379.9	295.0	173.7	94.4	58.6	44.1	29.4	27.0
75,0°	164.0	217.1	294.6	290.0	280.6	241.3	223.6	171.3	97.1	55.5	42.5	31.3	22.7	21.1
77,5°	86.0	98.2	117.4	105.6	100.7	98.4	80.7	63.2	50.7	32.0	28.0	20.7	18.2	15.5
80,0°	50.2	51.4	38.7	26.5	26.0	27.6	23.7	21.5	19.5	16.6	14.8	13.7	12.9	11.2
82,5°	18.1	19.3	14.1	12.3	11.9	11.8	11.8	11.8	10.6	9.7	8.5	7.7	7.2	6.7
85,0°	7.7	6.6	5.9	5.4	5.1	5.4	5.3	5.1	4.9	4.6	4.3	3.9	3.7	3.4
87,5°	2.0	1.8	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.5	1.4	1.3	1.2	1.2
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	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	0.0

Photometric test report

Family DL® 50 mini LED	Order number: 5XA2482M1B08A4 EAN: 4058352363409	LP number 58914_4
Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	210°	215°	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°	275°
γ	Luminous intensity in cd/klm													
0,0°	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8
2,5°	229.7	226.9	222.2	218.2	214.1	210.0	207.5	205.3	202.7	200.9	200.4	196.6	193.3	190.6
5,0°	229.7	226.8	222.1	218.5	212.7	205.1	199.8	198.3	198.0	198.6	196.3	191.8	188.6	184.7
7,5°	225.6	220.4	214.1	203.3	195.1	189.8	188.6	185.9	182.4	181.6	182.8	188.4	190.1	183.6
10,0°	226.3	218.9	210.6	201.0	187.7	181.2	179.3	173.9	172.1	174.0	176.0	183.1	186.2	195.4
12,5°	232.1	225.0	203.6	194.5	174.3	169.3	173.1	172.4	165.1	161.6	164.2	169.6	171.8	175.3
15,0°	218.6	221.9	205.4	194.1	175.4	170.9	166.3	163.3	163.3	159.9	155.2	153.1	161.0	156.0
17,5°	209.7	198.6	187.2	181.5	183.1	164.0	162.4	161.0	159.3	156.6	150.8	141.3	137.5	136.9
20,0°	201.9	192.8	174.2	164.3	160.2	158.9	159.3	156.5	153.9	151.0	142.1	132.7	125.8	120.4
22,5°	191.0	172.8	155.8	148.6	148.6	158.1	151.0	149.9	139.2	139.5	137.8	131.0	126.7	111.8
25,0°	186.6	164.6	146.6	141.7	135.7	136.0	134.5	134.0	136.9	132.2	132.8	128.1	120.4	104.5
27,5°	182.1	154.5	133.1	127.8	126.3	122.5	123.9	124.9	123.4	124.9	125.5	126.3	117.4	103.1
30,0°	175.6	144.5	132.5	122.9	117.8	116.1	114.6	112.6	117.7	110.8	114.9	120.0	119.4	110.2
32,5°	168.7	138.3	125.2	123.0	110.9	102.9	102.8	102.6	104.0	99.2	102.8	118.2	119.2	117.5
35,0°	154.5	132.3	121.0	110.7	103.2	94.3	90.5	89.5	94.4	90.4	92.4	107.1	120.1	119.5
37,5°	139.8	126.7	115.5	104.1	94.3	85.9	81.7	81.9	86.5	82.6	86.2	96.2	114.6	114.4
40,0°	132.8	120.1	110.4	98.9	84.2	78.6	77.9	78.5	81.3	78.0	81.3	90.6	102.6	108.0
42,5°	128.9	113.8	104.9	88.1	76.3	72.7	73.0	73.3	71.8	73.6	80.0	86.1	95.0	103.0
45,0°	125.7	111.3	95.4	81.5	70.8	66.8	67.3	66.5	65.0	68.4	75.9	82.1	88.6	95.7
47,5°	117.2	106.2	91.5	78.8	67.1	62.2	60.6	61.4	63.1	65.4	75.2	78.3	76.4	83.7
50,0°	105.6	102.4	88.6	74.9	64.5	58.5	53.9	55.0	56.1	58.3	68.6	73.6	71.4	71.6
52,5°	97.7	90.9	79.1	66.3	61.9	54.5	49.9	49.5	51.8	52.9	62.8	66.8	62.4	57.7
55,0°	86.6	79.5	68.0	61.7	56.2	51.4	46.7	45.2	45.9	49.1	55.7	60.2	52.5	52.3
57,5°	72.8	65.6	58.7	54.6	51.6	48.3	43.3	41.4	41.5	45.3	50.3	49.3	46.1	45.5
60,0°	61.6	56.8	51.9	48.9	47.7	45.2	39.2	36.1	35.7	38.9	43.6	41.9	40.4	42.4
62,5°	51.5	47.7	44.4	42.3	41.5	38.4	33.4	30.4	30.4	33.0	35.4	34.6	33.5	38.3
65,0°	43.9	40.1	38.7	37.3	35.6	32.5	28.8	27.4	27.2	28.8	29.4	30.4	29.0	34.0
67,5°	36.9	32.9	32.4	31.2	30.0	27.6	24.8	23.3	23.9	24.7	25.3	24.2	26.5	29.9
70,0°	31.0	26.6	26.8	26.1	25.4	22.9	21.1	20.3	20.4	21.0	21.0	20.5	23.4	23.8
72,5°	23.8	21.5	20.6	21.2	21.7	19.2	17.2	16.6	16.5	16.5	16.9	17.6	16.9	17.8
75,0°	18.6	17.2	16.6	17.0	17.7	14.9	13.7	13.3	13.1	13.0	13.2	13.6	13.0	13.2
77,5°	14.1	12.7	12.9	13.1	12.9	10.7	10.4	10.2	10.0	9.9	10.1	10.0	10.0	10.2
80,0°	10.3	9.4	9.4	10.4	8.7	6.9	7.0	6.9	6.8	6.9	7.1	7.2	7.3	7.5
82,5°	6.3	5.9	5.7	5.7	4.9	4.3	4.2	4.2	4.3	4.4	4.6	4.7	4.9	5.1
85,0°	3.1	2.9	2.8	2.7	2.4	2.2	2.1	2.1	2.3	2.4	2.5	2.6	2.8	2.9
87,5°	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.9	0.9	0.9	1.0	1.1	1.2	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	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	0.0

Photometric test report

Family DL® 50 mini LED	Order number: 5XA2482M1B08A4 EAN: 4058352363409	LP number 58914_4
Table of values for luminous intensities		Maximum luminous intensity
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C-planes	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	330°	335°	340°	345°
γ	Luminous intensity in cd/klm													
0,0°	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8	205.8
2,5°	186.8	183.9	180.3	178.9	177.8	176.5	174.0	173.9	174.6	174.6	174.2	173.3	172.1	172.2
5,0°	181.5	179.6	173.4	169.5	167.5	165.2	159.9	155.8	151.1	147.4	145.7	140.5	136.6	135.8
7,5°	184.5	185.1	174.2	168.9	160.4	148.4	139.0	129.6	124.3	123.6	122.8	121.3	120.7	120.8
10,0°	192.5	174.5	159.0	147.7	132.2	123.1	117.6	118.4	118.2	120.2	122.3	124.0	123.3	122.9
12,5°	171.3	155.4	139.3	128.4	117.3	109.6	105.0	108.1	110.8	116.6	120.4	121.1	119.9	119.9
15,0°	141.9	130.5	122.3	113.2	99.7	91.8	91.6	96.4	104.7	110.0	113.3	115.2	116.6	118.4
17,5°	123.6	110.9	98.5	89.8	81.6	77.7	79.2	86.2	97.7	106.2	110.7	114.5	119.8	125.8
20,0°	105.3	91.6	85.0	76.7	74.7	72.4	71.5	77.8	90.3	102.7	108.9	117.7	129.9	139.6
22,5°	94.8	82.6	78.8	73.0	68.8	66.2	65.7	69.2	83.2	97.3	107.5	124.2	139.6	146.8
25,0°	89.0	80.8	77.6	72.6	70.3	65.4	62.6	63.2	74.4	91.7	105.7	134.8	139.8	146.6
27,5°	92.4	84.3	77.9	76.7	71.7	66.3	61.3	58.5	66.3	84.1	102.6	117.6	125.5	138.6
30,0°	95.2	84.9	81.0	80.1	75.9	67.6	59.3	56.6	60.7	77.9	92.2	99.0	107.3	129.3
32,5°	100.0	86.2	83.0	80.7	74.7	65.8	61.1	57.9	60.4	68.0	76.5	89.0	107.2	129.6
35,0°	105.2	84.8	82.0	78.2	72.1	66.1	63.5	61.0	60.4	59.7	63.0	81.0	94.1	107.3
37,5°	98.7	84.2	83.0	75.3	72.5	65.9	62.4	61.4	60.5	56.5	56.4	70.4	82.8	101.0
40,0°	97.2	88.3	82.4	75.3	70.5	65.9	60.2	64.0	63.3	54.8	53.1	58.0	75.8	90.0
42,5°	88.6	85.5	80.8	72.1	67.5	64.1	60.8	62.8	64.2	60.7	56.2	56.0	69.1	81.6
45,0°	84.1	75.9	71.8	64.4	61.1	61.9	60.4	69.1	69.7	75.1	62.2	52.4	56.4	73.5
47,5°	75.0	72.7	68.2	59.9	57.1	58.1	60.8	72.9	70.6	74.4	58.5	49.6	51.3	66.0
50,0°	68.9	66.3	63.8	56.7	55.3	61.1	66.7	81.1	76.3	61.6	54.2	46.2	45.0	61.0
52,5°	57.5	57.3	58.5	51.8	55.3	70.5	77.3	77.6	68.4	52.5	46.3	39.8	41.1	54.9
55,0°	49.4	50.8	50.4	50.7	60.8	78.4	85.0	68.4	53.8	42.5	36.6	36.1	42.4	46.7
57,5°	43.9	44.5	46.2	44.5	57.3	67.1	68.8	51.3	44.7	35.6	34.5	35.6	43.5	44.8
60,0°	41.3	40.8	40.1	41.1	45.9	47.8	49.1	41.3	35.4	32.8	33.2	31.1	41.3	39.8
62,5°	36.9	35.4	33.9	34.9	35.1	32.9	32.6	34.4	33.5	34.5	31.8	29.1	29.2	31.7
65,0°	32.8	31.5	28.6	28.6	27.8	27.3	26.9	26.7	27.7	28.7	28.4	27.2	26.0	26.8
67,5°	30.1	26.7	24.7	25.4	23.8	23.9	23.5	25.4	24.8	24.7	23.9	23.8	23.8	24.0
70,0°	23.1	21.5	21.9	20.7	20.8	20.8	21.6	22.8	22.4	21.8	22.3	21.8	21.6	21.6
72,5°	16.8	17.5	18.2	17.4	17.3	18.0	18.0	17.8	18.1	18.5	19.8	18.9	18.8	18.6
75,0°	13.7	14.3	14.7	14.4	14.4	14.6	14.9	15.1	15.4	15.7	16.1	16.0	15.9	15.7
77,5°	10.6	11.1	11.4	11.3	11.5	11.7	12.0	12.1	12.3	12.6	12.7	12.7	12.6	12.4
80,0°	7.8	8.3	8.5	8.4	8.5	8.7	8.8	9.0	9.1	9.2	9.3	9.2	9.1	9.0
82,5°	5.3	6.0	5.6	5.6	5.7	5.9	6.0	6.1	6.2	6.3	6.2	6.2	6.0	5.9
85,0°	3.0	3.2	3.2	3.4	3.5	3.6	3.7	3.8	3.8	3.9	3.9	3.8	3.7	3.6
87,5°	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.1
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	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	0.0

Photometric test report

Family DL® 50 mini LED	Order number: 5XA2482M1B08A4 EAN: 4058352363409	LP number 58914_4
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Table of values for luminous intensities	Maximum luminous intensity
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C-planes	350°	355°	Phi-zone	Total Phi-zone
Luminous intensity in cd / Luminous flux in lm/klm				
0,0°	205.8	205.8	0.3	0.3
2,5°	172.5	172.7	2.4	2.7
5,0°	136.0	137.2	4.9	7.6
7,5°	121.9	122.3	7.4	15.0
10,0°	122.9	122.5	10.0	25.0
12,5°	120.5	120.8	12.6	37.5
15,0°	121.1	122.9	15.2	52.8
17,5°	131.9	134.9	17.8	70.6
20,0°	146.8	152.5	20.8	91.4
22,5°	152.7	162.2	24.4	115.7
25,0°	156.6	175.9	27.9	143.7
27,5°	163.0	192.8	31.6	175.3
30,0°	158.4	185.1	35.3	210.6
32,5°	156.9	178.9	38.5	249.1
35,0°	137.4	164.6	40.6	289.7
37,5°	132.8	159.0	43.2	332.9
40,0°	111.9	131.6	45.7	378.5
42,5°	102.8	124.0	47.3	425.8
45,0°	90.2	115.4	48.9	474.8
47,5°	83.7	102.5	50.4	525.2
50,0°	65.5	81.4	51.4	576.6
52,5°	58.9	72.0	51.6	628.2
55,0°	53.5	60.4	51.7	679.9
57,5°	48.1	50.7	50.6	730.5
60,0°	39.4	43.5	49.1	779.7
62,5°	32.3	38.0	46.6	826.3
65,0°	27.6	31.3	42.9	869.1
67,5°	24.3	26.7	38.3	907.5
70,0°	21.5	21.9	33.0	940.5
72,5°	18.5	18.5	25.1	965.6
75,0°	15.6	15.5	16.2	981.8
77,5°	12.3	12.2	9.0	990.8
80,0°	8.9	8.8	4.8	995.6
82,5°	5.8	5.7	2.6	998.3
85,0°	3.5	3.4	1.3	999.6
87,5°	2.0	1.9	0.4	1000.0
90,0°	0.0	0.0	0.0	1000.0
180,0°	0.0	0.0	0.0	1000.0

Photometric test report

Family DL® 50 mini LED	Order number: 5XA2482M1B08A4 EAN: 4058352363409	LP number 58914_4
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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	6740	57.9	60.6	59.2
95	241	6395	54.2	56.7	55.4
90	229	6077	50.8	53.2	52.0
85	216	5731	47.4	49.5	48.4
80	203	5386	44.0	46.0	45.0
75	190	5042	40.8	42.6	41.7
70	178	4724	37.9	39.6	38.8
65	165	4379	34.8	36.3	35.6
60	152	4033	31.8	33.2	32.5
55	140	3715	29.2	30.5	29.8
50	127	3370	26.3	27.5	26.9
45	114	3025	23.5	24.6	24.0
40	102	2707	21.1	21.9	21.5
35	89	2361	18.4	19.2	18.8
30	76	2016	15.9	16.5	16.2
25	63	1672	13.4	13.9	13.6
20	51	1354	11.2	11.6	11.4
15	38	1009	8.7	9.0	8.8