
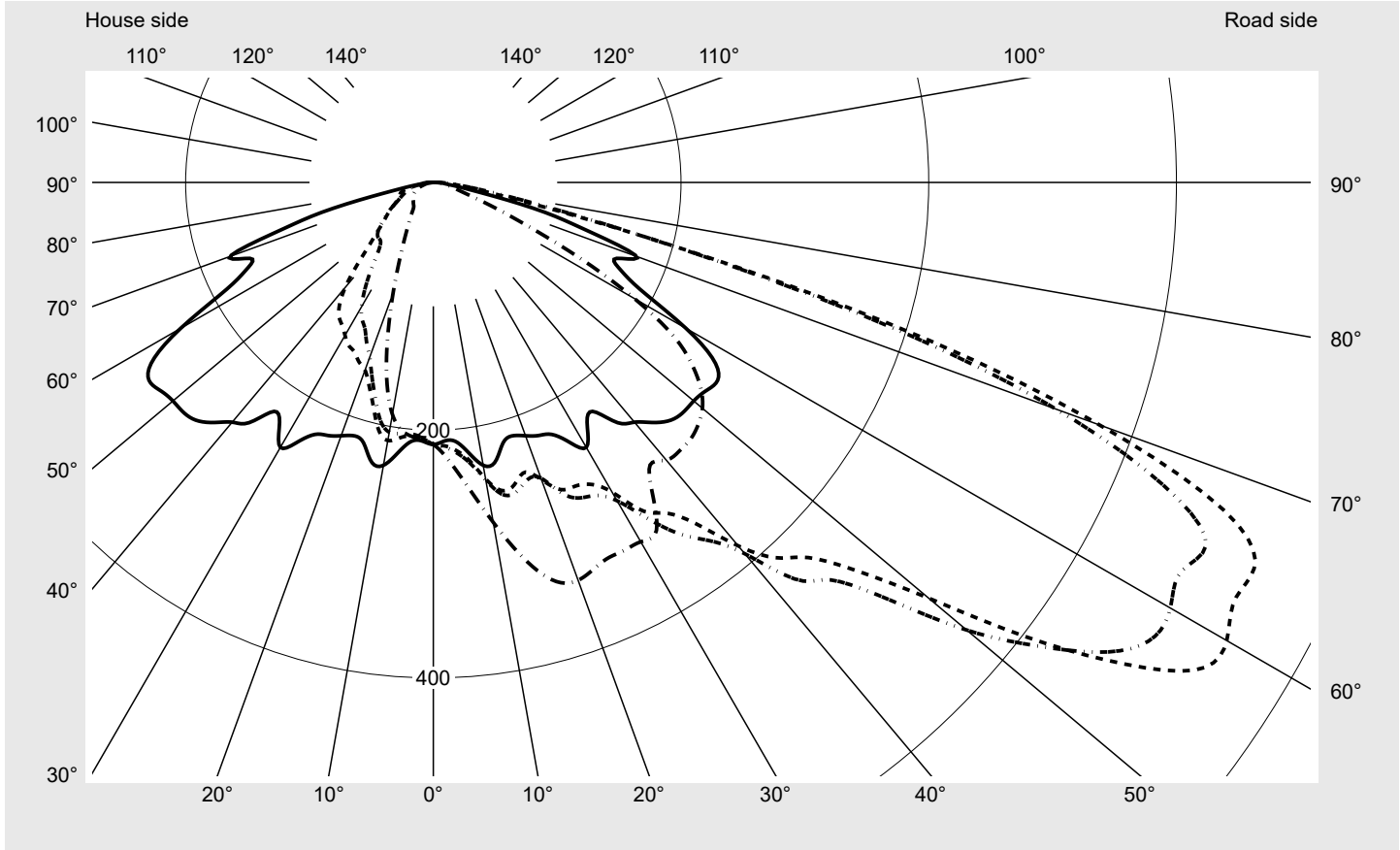


Photometric test report

Family DL® 30 LED	Order number: 5XA5132K1B08A5 EAN: 4058352059210	LP number 57203_8
	Version post-top mounting Optic asymmetric, wide distribution (ST1.2a) Cover PMMA cover, impact resistant, IK08 Lamps LED 4000 K CRI ≥ 70 Controlgear ECG Plus Rated values Net luminous flux = 5640 lm Power consumption = 43.3 W Luminous efficacy = 130.3 lm/W	serial documentation 18.11.2020



Luminous intensity in cd/klm C180-0 C205-25 C210-30 C270-90 **Imax: 740 cd/klm**



Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

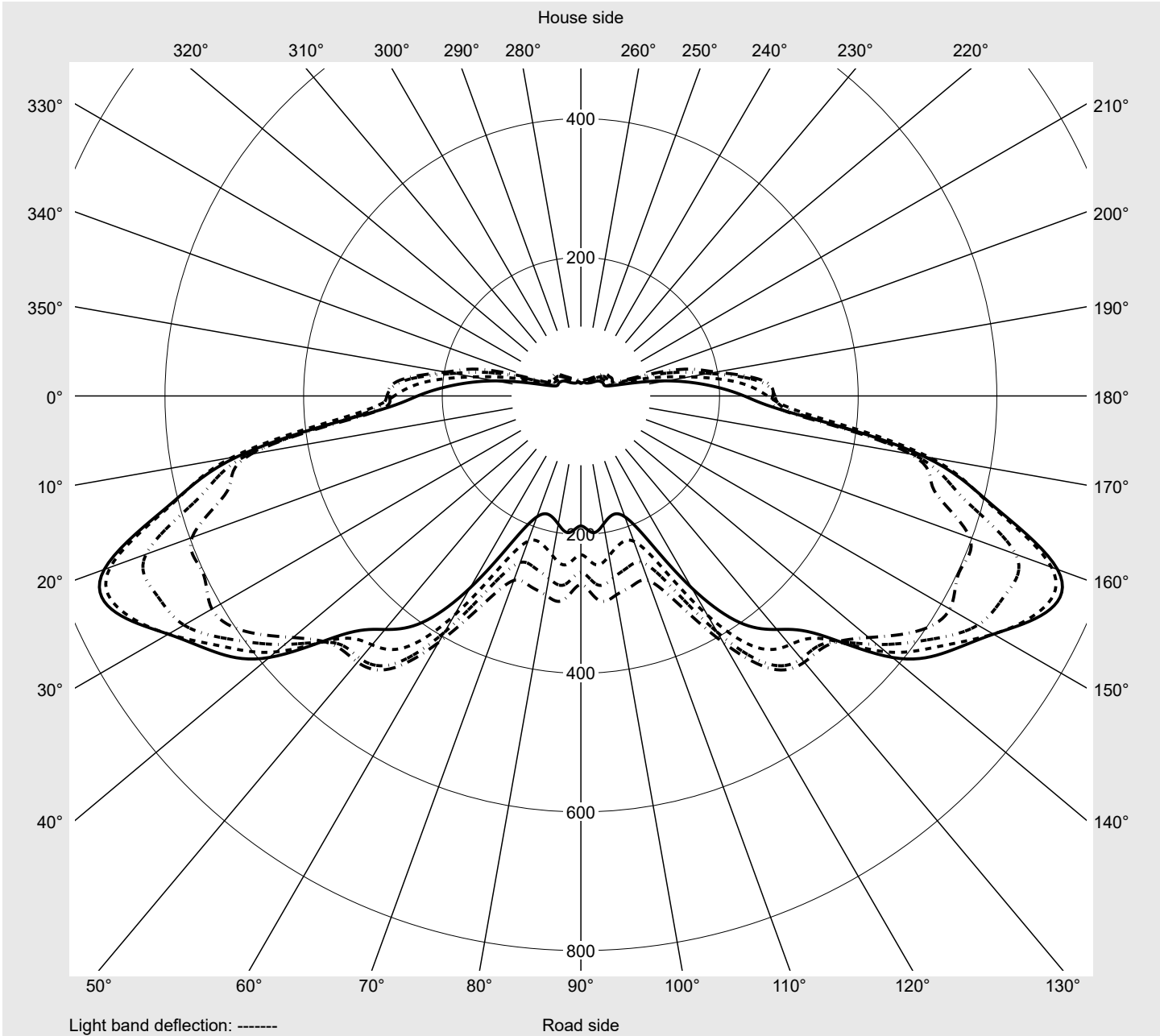
Luminous intensity class acc. to EN13201-2	
Class:	G3
Imax 70°	572.8
Imax 80°	60.7
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family DL® 30 LED	Order number: 5XA5132K1B08A5 EAN: 4058352059210	LP number 57203_8
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Envelope curve in cd/klm **KMK 60°** **KMK 57.5°** **KMK 55°** **KMK 52.5°** **siteco**



Photometric test report

Family DL® 30 LED	Order number: 5XA5132K1B08A5 EAN: 4058352059210	LP number 57203_8
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°	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5
2,5°	208.9	209.8	210.8	212.2	211.9	212.9	213.9	216.2	217.5	217.3	218.1	218.4	218.8
5,0°	210.1	211.9	213.5	215.6	216.0	217.5	219.3	222.5	225.4	225.8	227.7	228.9	230.6
7,5°	220.3	222.2	223.9	225.5	225.5	226.8	228.8	232.3	235.3	236.9	240.2	242.7	245.5
10,0°	231.9	235.4	238.3	241.1	241.7	243.0	244.1	247.8	250.0	251.3	255.0	257.8	262.0
12,5°	231.0	236.8	242.4	248.1	250.9	254.7	258.0	262.2	264.7	265.9	269.0	271.1	275.8
15,0°	217.6	223.9	231.1	239.6	246.0	252.7	258.7	266.2	271.2	274.5	277.9	279.8	284.1
17,5°	214.4	221.5	228.9	236.3	240.9	245.4	251.9	259.5	266.8	273.6	280.5	283.8	288.7
20,0°	217.6	229.8	240.9	250.7	254.1	255.3	254.0	254.7	259.9	268.4	278.3	286.3	293.8
22,5°	221.2	236.9	248.7	257.3	261.7	268.4	271.6	266.2	261.9	267.2	277.7	290.5	302.2
25,0°	224.3	235.1	243.8	253.8	261.4	270.6	281.0	286.8	283.2	279.8	285.4	298.2	313.3
27,5°	235.7	244.2	253.2	259.8	266.0	274.8	284.9	297.5	309.8	309.9	305.3	311.4	326.7
30,0°	247.0	263.2	275.4	285.1	288.6	288.7	296.7	308.6	324.9	339.0	337.2	333.7	341.8
32,5°	231.1	272.8	280.5	291.7	304.3	314.2	321.3	330.1	341.1	357.2	370.3	364.4	358.7
35,0°	225.8	269.6	296.0	306.8	313.9	325.8	346.3	363.0	370.3	376.1	392.1	399.1	379.5
37,5°	244.5	270.6	327.1	332.8	335.9	346.6	364.2	385.7	402.1	407.2	407.2	422.7	403.4
40,0°	252.7	265.6	334.6	353.7	374.6	383.1	391.2	411.7	427.9	436.0	438.0	432.3	421.8
42,5°	262.9	269.3	347.8	363.5	386.9	411.1	435.1	442.3	448.9	463.5	459.0	451.9	429.2
45,0°	271.3	283.8	381.6	403.2	420.2	428.3	453.8	489.1	487.8	478.2	478.5	466.7	432.2
47,5°	274.2	296.7	430.5	458.7	476.2	464.2	498.0	517.5	523.0	492.8	490.6	470.7	437.7
50,0°	274.5	308.6	479.9	498.9	537.8	522.1	562.3	559.3	529.2	503.7	496.1	478.3	423.7
52,5°	276.8	311.3	483.1	527.7	597.0	602.0	614.7	591.7	542.1	506.8	501.3	480.7	410.7
55,0°	279.8	322.1	488.0	571.5	667.6	676.4	661.1	612.9	557.7	503.5	494.8	472.1	393.6
57,5°	269.3	338.3	511.2	613.9	722.5	731.9	686.9	630.1	574.3	495.5	468.7	443.0	365.4
60,0°	235.6	316.5	502.6	617.5	731.7	739.7	687.2	644.0	586.9	487.1	439.7	398.8	319.9
62,5°	190.2	281.1	455.2	564.8	675.5	729.6	680.7	645.1	585.1	477.3	413.8	357.4	274.9
65,0°	166.6	253.1	410.4	472.1	598.3	731.9	688.5	613.0	540.2	444.5	374.2	316.6	228.9
67,5°	160.2	254.4	398.9	427.1	533.2	690.5	637.5	542.1	478.6	378.9	307.8	246.6	181.3
70,0°	174.6	264.2	362.3	396.9	472.4	572.8	535.4	445.7	357.4	276.2	233.2	204.6	148.7
72,5°	132.5	215.9	279.5	319.3	363.5	407.8	385.1	290.8	227.0	184.0	170.6	157.3	102.8
75,0°	93.3	128.6	163.5	192.9	203.8	213.3	208.9	157.4	130.4	113.5	102.2	98.5	64.5
77,5°	45.1	56.8	72.8	86.3	88.9	91.7	103.9	97.6	84.9	67.4	52.1	49.1	32.9
80,0°	22.1	25.2	30.3	40.2	43.3	42.7	53.3	60.7	49.7	35.6	27.7	23.0	17.4
82,5°	11.9	13.6	15.9	19.6	22.8	25.7	29.2	29.5	24.5	20.5	16.8	14.5	12.5
85,0°	8.6	9.5	10.5	12.3	14.1	15.6	16.5	16.5	14.8	12.8	11.3	10.2	9.2
87,5°	6.1	6.7	7.3	8.0	8.9	9.6	10.1	9.9	9.3	8.6	7.9	7.3	6.5
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
105,0°	0.0	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
135,0°	0.0	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
165,0°	0.0	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® 30 LED	Order number: 5XA5132K1B08A5 EAN: 4058352059210	LP number 57203_8
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°	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5
2,5°	220.2	220.0	218.5	217.9	220.2	221.1	209.9	211.4	212.7	210.1	207.3	206.4	208.9
5,0°	233.1	233.8	232.8	233.1	235.1	236.2	210.4	211.4	211.9	208.9	205.3	203.8	205.8
7,5°	249.5	251.5	251.6	252.2	255.2	255.8	219.7	219.7	218.7	213.8	208.0	204.4	204.3
10,0°	267.5	271.2	272.5	274.6	277.9	278.6	230.3	228.9	226.2	219.9	211.6	204.7	201.3
12,5°	282.8	289.0	292.9	296.7	301.8	302.7	226.8	223.6	220.0	213.3	204.4	197.0	192.1
15,0°	292.1	301.8	309.5	316.7	322.8	324.3	212.2	207.9	202.7	195.5	187.1	180.7	175.2
17,5°	296.7	308.1	319.1	329.1	337.2	338.6	209.0	203.4	194.9	183.8	172.2	164.7	158.7
20,0°	301.5	311.6	322.4	332.6	340.3	341.8	207.7	199.8	190.3	177.0	161.3	150.1	141.7
22,5°	309.3	317.0	324.6	332.2	337.5	338.0	204.4	192.9	186.0	175.2	156.8	140.5	128.3
25,0°	322.1	325.9	328.6	332.8	334.8	334.4	205.3	184.9	174.2	166.8	150.9	130.6	113.6
27,5°	336.0	334.6	332.2	332.3	332.5	334.7	221.4	196.4	172.4	161.1	148.2	124.6	100.7
30,0°	349.2	343.0	333.7	332.3	334.7	335.0	228.9	202.8	175.5	156.1	142.6	115.9	88.0
32,5°	354.6	347.0	329.7	321.9	325.5	334.7	198.5	175.1	157.9	156.5	136.9	103.3	73.6
35,0°	358.6	342.0	321.3	315.6	316.6	309.2	213.2	179.2	154.9	140.5	132.6	89.3	62.6
37,5°	364.1	337.7	323.9	320.3	322.5	287.5	227.0	193.0	159.2	141.5	124.3	75.8	59.2
40,0°	368.7	337.2	323.9	323.1	324.8	292.6	234.3	194.8	163.8	139.8	110.7	66.9	59.0
42,5°	376.8	334.1	323.0	324.2	326.5	294.0	251.6	199.0	161.9	131.9	92.4	63.3	59.8
45,0°	378.9	328.9	320.3	322.8	323.6	293.5	266.3	208.4	161.3	120.2	75.5	62.9	59.9
47,5°	370.9	320.3	314.1	317.8	319.9	289.9	267.6	209.5	161.0	104.4	64.2	61.0	58.3
50,0°	354.1	304.3	301.9	307.5	310.4	283.7	265.6	204.6	157.6	84.3	55.8	56.7	54.2
52,5°	329.7	283.2	284.0	291.7	295.8	272.1	261.9	198.2	147.6	67.2	49.8	51.3	49.4
55,0°	299.4	255.6	256.8	266.8	273.4	254.3	255.2	187.1	126.8	54.4	45.4	46.4	44.8
57,5°	268.7	223.1	220.5	234.1	244.3	229.1	226.8	158.3	97.6	46.3	41.2	41.8	40.4
60,0°	230.1	185.6	177.4	187.7	197.9	187.5	182.3	125.4	68.1	42.4	36.9	36.9	35.6
62,5°	187.5	149.1	137.8	138.3	145.4	137.4	138.9	94.4	49.7	38.6	33.7	32.5	30.6
65,0°	152.5	112.6	97.5	94.1	94.7	88.1	110.5	71.8	47.6	38.0	31.7	29.5	26.9
67,5°	122.0	83.8	63.1	58.8	57.6	55.2	107.7	66.2	49.8	37.4	30.0	26.9	23.6
70,0°	95.0	61.6	40.8	37.4	35.8	33.5	109.3	66.9	50.4	34.7	28.6	24.3	20.5
72,5°	62.3	38.4	27.2	24.6	23.4	22.6	72.7	51.3	42.0	31.0	27.6	22.3	18.7
75,0°	33.4	22.1	19.7	18.7	17.8	17.5	52.4	38.4	33.1	27.4	24.6	20.5	17.7
77,5°	19.1	15.9	14.8	14.4	13.9	13.9	33.1	28.2	24.5	21.2	18.7	17.4	15.6
80,0°	14.2	12.5	11.7	11.1	10.8	10.7	18.0	17.5	16.0	14.1	13.2	12.5	11.1
82,5°	10.8	9.8	9.1	8.8	8.6	8.6	10.7	9.9	9.8	9.5	9.2	8.8	8.3
85,0°	8.3	7.6	7.0	6.8	6.8	6.8	7.7	7.3	6.8	6.7	6.4	6.1	5.9
87,5°	6.1	5.6	5.5	5.3	5.2	5.3	5.6	5.3	5.2	5.2	4.9	4.7	4.5
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
105,0°	0.0	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
135,0°	0.0	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
165,0°	0.0	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® 30 LED	Order number: 5XA5132K1B08A5 EAN: 4058352059210	LP number 57203_8
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°	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	0.3	0.3
2,5°	210.2	208.7	207.6	208.4	207.9	206.5	207.6	208.4	209.3	209.5	208.0	2.5	2.9
5,0°	207.0	204.9	204.1	205.2	204.4	203.4	204.6	205.9	206.8	207.0	205.6	5.2	8.0
7,5°	203.3	199.7	197.9	198.7	198.1	197.2	198.8	200.4	201.9	202.2	201.2	7.9	15.9
10,0°	197.0	190.6	186.5	185.9	184.9	184.4	186.3	188.4	190.5	190.9	190.2	10.9	26.8
12,5°	185.0	176.1	169.4	167.1	165.9	165.6	167.3	169.3	171.1	171.7	170.9	13.5	40.3
15,0°	166.2	155.6	147.5	144.2	142.9	142.6	143.6	144.9	146.1	146.3	146.0	15.7	56.0
17,5°	147.2	133.7	124.2	120.8	119.4	119.0	119.0	119.4	119.9	119.7	119.0	17.5	73.5
20,0°	127.7	112.6	103.3	100.4	98.7	97.6	97.0	96.4	96.0	95.5	95.0	19.3	92.8
22,5°	110.4	93.3	85.9	84.0	81.7	80.3	78.8	77.4	76.6	75.7	75.1	21.2	114.1
25,0°	93.8	78.2	74.0	71.7	69.1	67.1	65.0	63.1	61.6	60.7	60.2	23.1	137.2
27,5°	79.7	68.7	66.3	63.5	60.5	57.7	54.7	52.2	50.6	49.7	49.3	25.6	162.7
30,0°	69.1	63.9	61.6	58.5	54.7	50.6	46.7	44.1	42.4	41.5	41.2	28.4	191.1
32,5°	63.3	60.7	57.6	54.2	50.0	45.1	40.7	38.0	36.3	35.5	35.3	30.6	221.7
35,0°	61.0	58.2	54.6	50.6	46.0	40.7	35.8	33.2	31.7	30.7	30.3	33.2	254.9
37,5°	59.8	56.4	52.1	47.5	42.9	37.2	32.9	30.9	29.5	28.2	26.4	36.5	291.4
40,0°	59.3	55.6	50.3	45.3	40.4	34.9	31.0	29.4	27.9	26.6	24.6	39.8	331.2
42,5°	59.6	54.9	48.7	43.3	38.1	33.2	29.8	28.2	26.9	25.4	23.7	43.0	374.3
45,0°	59.8	54.0	46.9	41.2	36.1	31.6	28.8	27.2	25.8	24.5	22.8	46.5	420.8
47,5°	57.7	51.8	44.4	39.2	34.4	30.3	27.7	26.3	25.1	23.6	22.0	50.1	470.8
50,0°	53.4	47.9	41.2	36.3	32.3	28.6	26.6	25.2	24.0	22.7	21.4	53.2	524.0
52,5°	48.7	43.8	37.5	33.2	29.8	27.0	25.2	24.2	23.3	22.0	20.8	55.7	579.7
55,0°	43.8	39.3	33.7	29.8	27.2	24.9	23.7	23.1	22.3	21.1	19.9	57.6	637.3
57,5°	38.9	34.6	29.7	26.4	24.5	22.7	22.0	21.7	21.1	20.0	19.0	58.3	695.7
60,0°	33.5	29.7	25.7	23.1	21.5	20.5	20.0	20.2	19.9	18.8	18.1	56.4	752.0
62,5°	28.3	25.2	22.1	20.0	19.0	18.2	18.2	18.4	18.2	17.5	16.9	52.6	804.7
65,0°	24.3	21.7	19.3	17.8	16.9	16.3	16.3	16.6	16.6	16.0	15.4	48.2	852.8
67,5°	21.2	19.1	17.1	15.7	15.1	14.5	14.7	14.8	14.8	14.2	13.9	43.3	896.2
70,0°	18.7	16.9	15.1	14.1	13.4	12.9	12.9	12.9	12.8	12.5	12.2	37.3	933.5
72,5°	16.5	14.7	13.1	12.2	11.6	11.1	10.8	10.8	10.7	10.4	10.4	27.7	961.2
75,0°	15.0	13.1	11.4	10.4	9.9	9.5	9.2	9.1	8.9	8.6	8.3	17.0	978.2
77,5°	13.4	11.1	9.6	8.9	8.3	7.9	7.6	7.3	7.1	6.8	6.8	9.4	987.6
80,0°	10.5	9.2	8.0	7.1	6.7	6.4	5.9	5.6	5.5	5.3	5.3	5.3	992.9
82,5°	7.6	7.0	6.2	5.6	5.3	5.0	4.7	4.5	4.2	4.2	3.9	3.3	996.2
85,0°	5.5	5.0	4.7	4.5	4.2	3.9	3.6	3.6	3.3	3.3	3.3	2.2	998.4
87,5°	4.2	4.0	3.7	3.6	3.3	3.3	3.0	3.0	2.7	2.7	2.7	1.6	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
105,0°	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
135,0°	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
165,0°	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® 30 LED	Order number: 5XA5132K1B08A5 EAN: 4058352059210	LP number 57203_8
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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	5640	43.3	44.7	44.0
95	241	5351	40.8	42.1	41.4
90	229	5085	38.5	39.6	39.0
85	216	4796	36.1	37.1	36.6
80	203	4508	33.7	34.7	34.2
75	190	4219	31.3	32.3	31.8
70	178	3952	29.2	30.1	29.6
65	165	3664	27.0	27.8	27.4
60	152	3375	24.8	25.5	25.2
55	140	3109	22.8	23.5	23.2
50	127	2820	20.6	21.3	21.0
45	114	2531	18.7	19.2	19.0
40	102	2265	16.8	17.2	17.0
35	89	1976	14.7	15.1	14.9
30	76	1688	12.7	13.1	12.9
25	63	1399	10.8	11.1	11.0
20	51	1132	9.0	9.2	9.1
17	44	977	7.9	8.2	8.0