
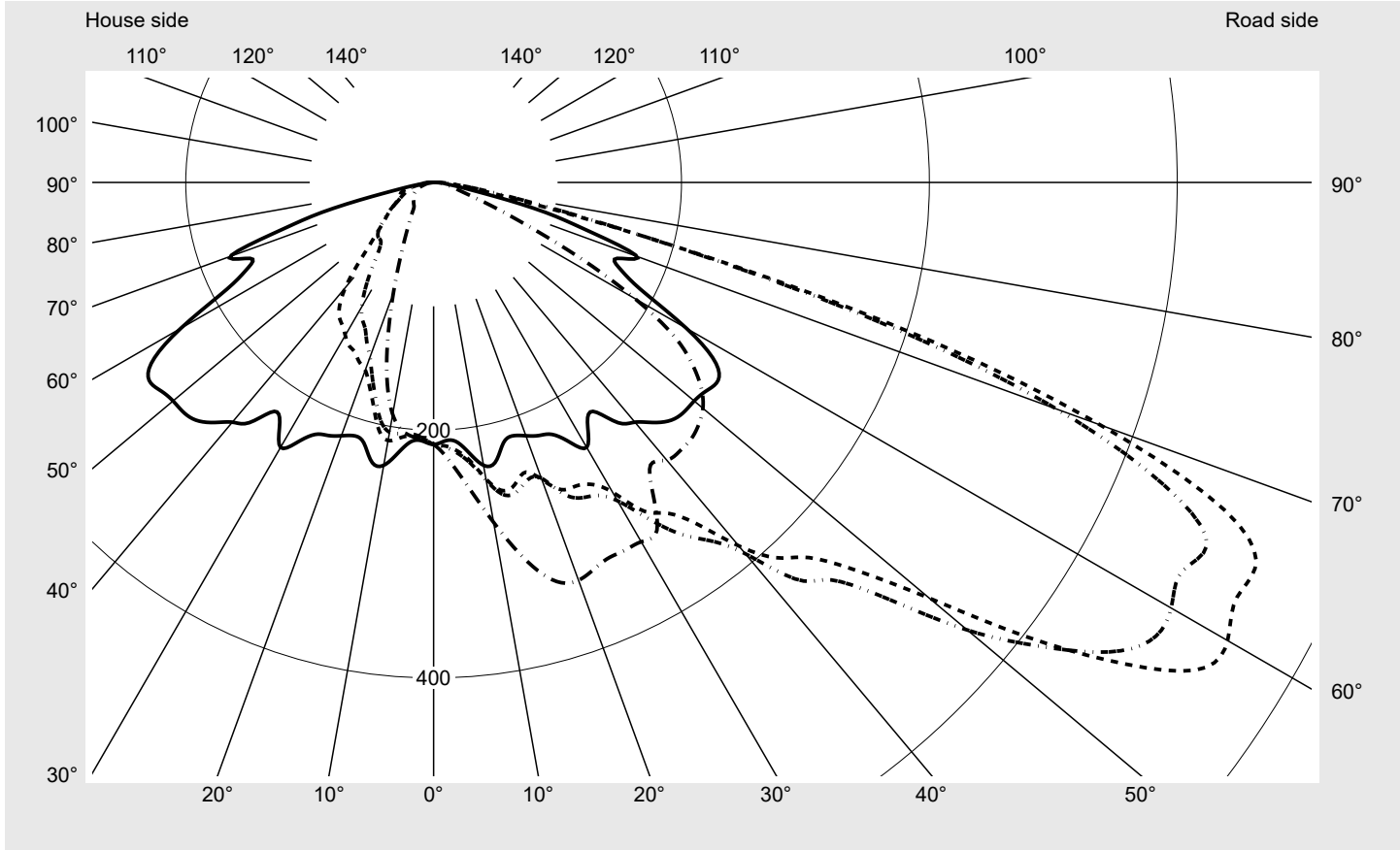


Photometric test report

Family DL® 30 LED 	Order number: 5XA5132E1B08A5 EAN: 4058352058855	LP number 57203_7
	Version post-top mounting Optic asymmetric, wide distribution (ST1.2a) Cover PMMA cover, impact resistant, IK08 Lamps LED 3000 K CRI ≥ 80 Controlgear ECG Plus Rated values Net luminous flux = 4680 lm Power consumption = 43.4 W Luminous efficacy = 107.8 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%

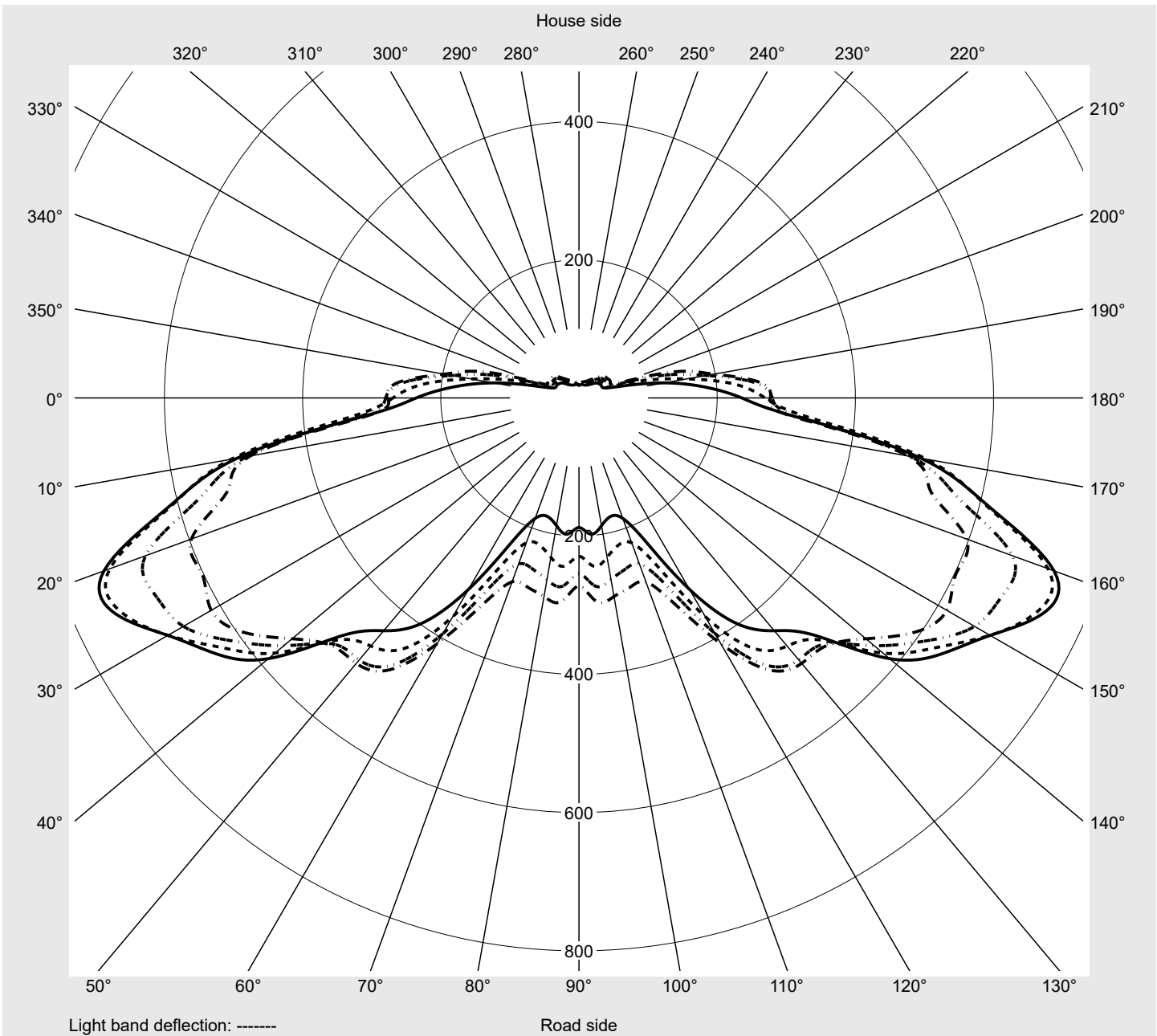
Luminous intensity class acc. to EN13201-2	
Class:	G3
Imax 70°	572.8
Imax 80°	60.7
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family DL® 30 LED	Order number: 5XA5132E1B08A5 EAN: 4058352058855	LP number 57203_7
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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: 5XA5132E1B08A5 EAN: 4058352058855	LP number 57203_7
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: 5XA5132E1B08A5 EAN: 4058352058855	LP number 57203_7
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: 5XA5132E1B08A5 EAN: 4058352058855	LP number 57203_7
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: 5XA5132E1B08A5 EAN: 4058352058855	LP number 57203_7
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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	4680	43.4	44.8	44.1
95	241	4440	40.8	42.1	41.4
90	229	4219	38.4	39.6	39.0
85	216	3980	35.9	37.0	36.4
80	203	3740	33.4	34.5	34.0
75	190	3501	31.0	32.0	31.5
70	178	3280	28.9	29.8	29.4
65	165	3040	26.6	27.4	27.0
60	152	2801	24.3	25.1	24.7
55	140	2580	22.3	23.0	22.6
50	127	2340	20.1	20.7	20.4
45	114	2100	18.1	18.6	18.4
40	102	1879	16.2	16.6	16.4
35	89	1640	14.1	14.5	14.3
30	76	1400	12.1	12.4	12.2
25	63	1161	10.1	10.3	10.2
20	51	940	8.2	8.4	8.3
20	50	921	8.1	8.2	8.1