

Lichttechnischer Prüfbefund

Familie
DL® 30 LED

Bestell-Nr.: 5XA5132K1B08A5
EAN: 4058352059210

LP-Nummer
57203_8



Ausführung Mastaufsatz-Montage
Optik asymmetrisch, breit strahlend (ST1.2a)
Abdeckung Abdeckung PMMA, schlagfest, IK08
Bestückung LED 4000 K | CRI ≥ 70
Betriebsgerät EVG Plus
Bemessungswerte Nettolichtstrom = 5640 lm
 Systemleistung = 43.3 W
 Lichtausbeute = 130.3 lm/W

Seriendokumentation
18.11.2020

siteco

Lichtstärke in cd/klm

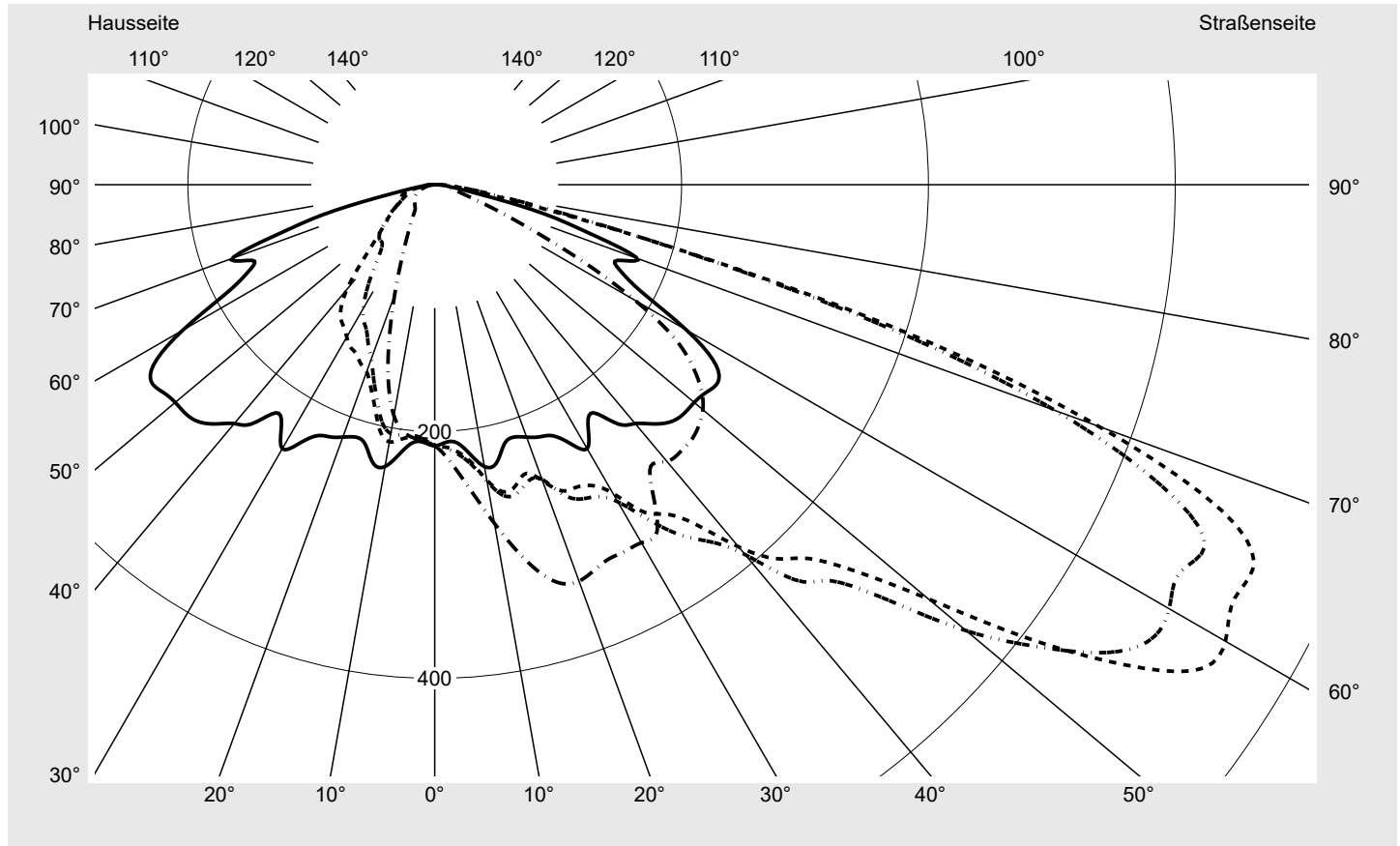
C180-0

C205-25

C210-30

C270-90

Imax: 740 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

Lichtstärkeklasse nach EN13201-2

Klasse:	G3
Imax 70°	572.8
Imax 80°	60.7
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

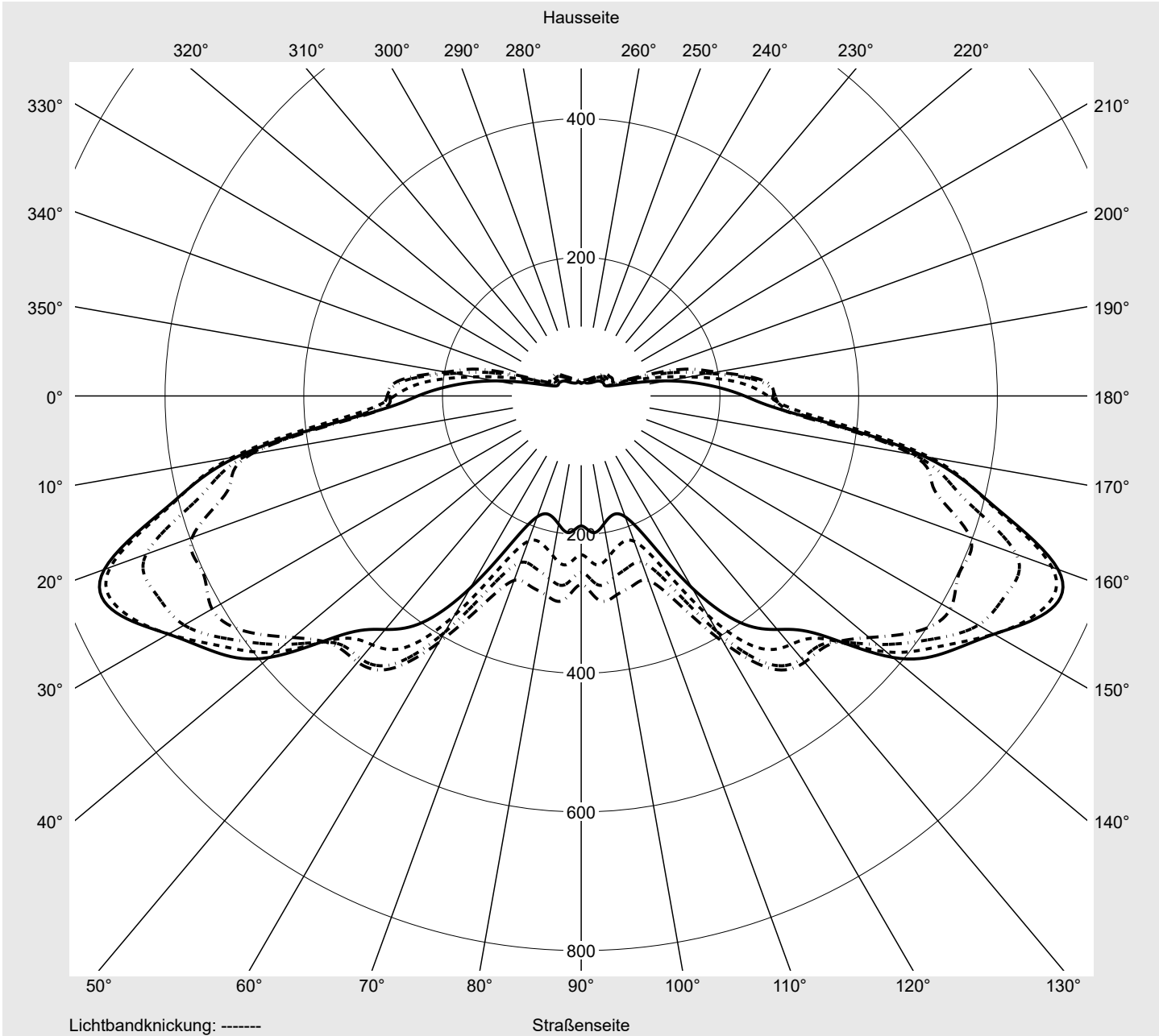
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 60°** **KMK 57,5°** **KMK 55°** **KMK 52,5°** **siteco**



Lichttechnischer Prüfbefund

Familie DL® 30 LED	Bestell-Nr.: 5XA5132K1B08A5 EAN: 4058352059210	LP-Nummer 57203_8
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	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	Lichtstärke 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

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	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	Lichtstärke 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

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		sITeco

C- Ebenen	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm											Lichtstrom 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

Lichttechnischer Prüfbefund

Familie DL® 30 LED	Bestell-Nr.: 5XA5132K1B08A5 EAN: 4058352059210	LP-Nummer 57203_8
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Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	siteco
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Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
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