

Lichttechnischer Prüfbefund

Familie
DL® 30 LED

Bestell-Nr.: 5XA5132E1B08A2
EAN: 4058352058817

LP-Nummer
57200_7



Ausführung Mastaufsatz-Montage
Optik asymmetrisch, breit strahlend (ST1.2a)
Abdeckung Abdeckung PMMA, schlagfest, IK08
Bestückung LED 3000 K | CRI ≥ 80
Betriebsgerät EVG Plus
Bemessungswerte Nettolichtstrom = 1410 lm
 Systemleistung = 15.1 W
 Lichtausbeute = 93.4 lm/W

Seriendokumentation
18.11.2020

siteco

Lichtstärke in cd/klm

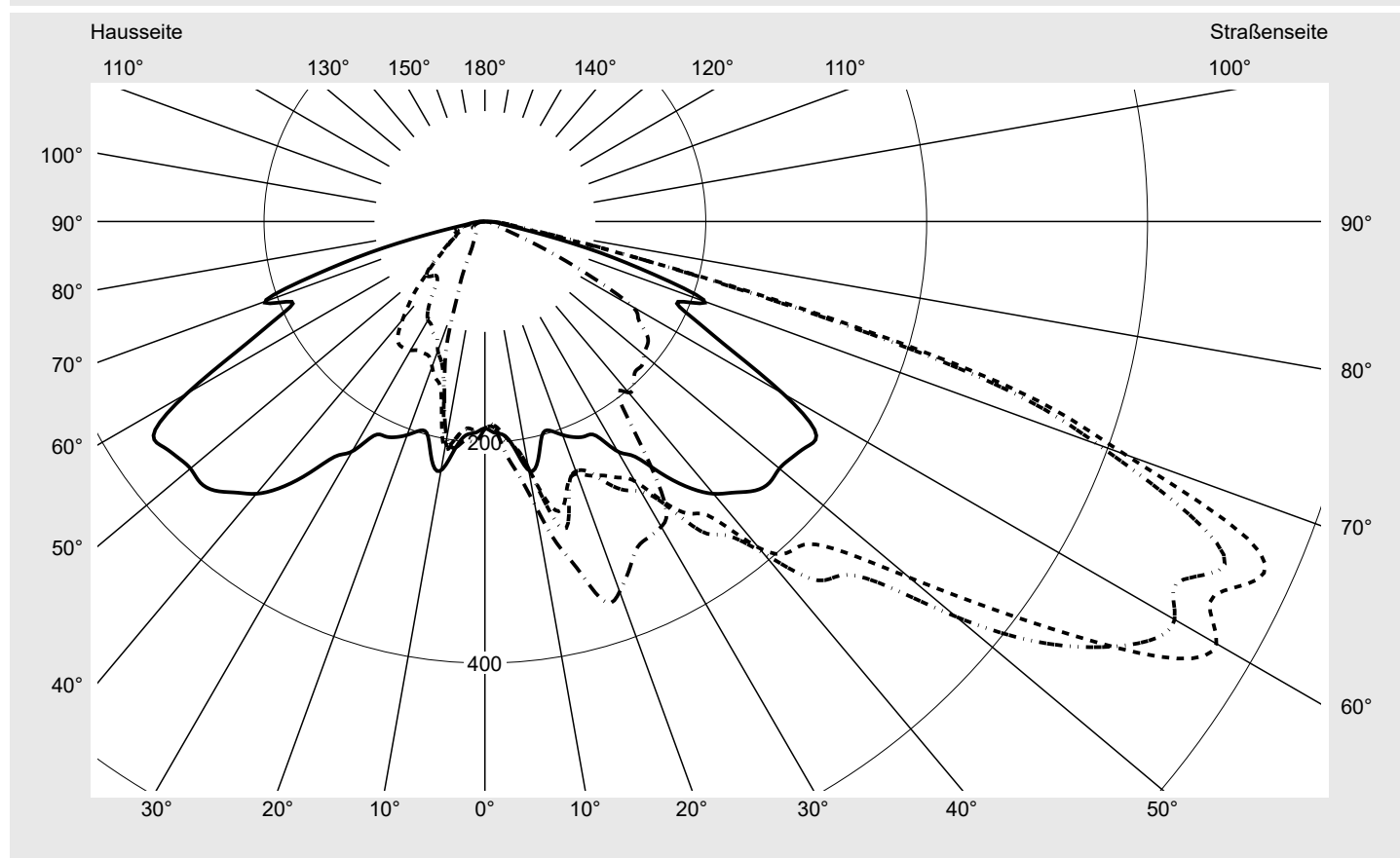
C180-0

C205-25

C210-30

C270-90

Imax: 770 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse: G3
 Imax 70° 616.5
 Imax 80° 50.8
 Imax 90° 0.0
 Imax >90° 0.0
 Imax >95° 0.0

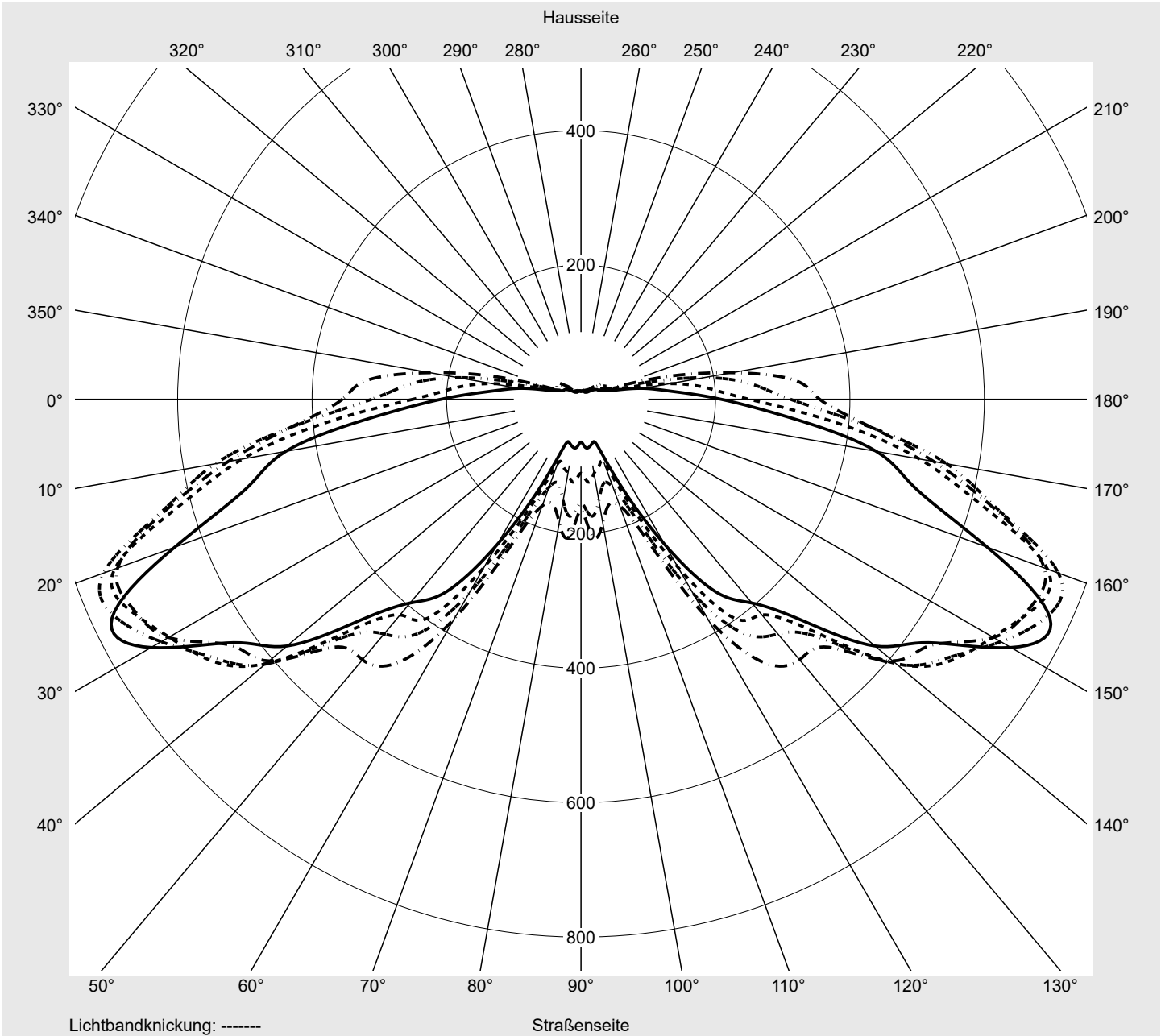
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **siteco**



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Familie DL® 30 LED	Bestell-Nr.: 5XA5132E1B08A2 EAN: 4058352058817	LP-Nummer 57200_7
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°	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4
2,5°	191.5	189.5	189.5	187.0	187.0	184.8	186.8	188.0	188.0	187.3	185.3	185.0	186.3
5,0°	194.2	193.4	195.9	195.4	195.4	193.7	198.9	201.6	203.3	203.3	202.3	206.0	210.7
7,5°	207.7	210.4	215.9	210.7	210.9	206.3	205.5	209.7	215.4	217.8	217.6	221.5	224.8
10,0°	229.0	233.1	236.4	234.6	234.1	227.2	226.5	232.7	234.1	231.9	237.8	244.5	245.5
12,5°	221.8	227.2	237.1	252.4	258.8	259.5	267.4	269.4	262.5	262.3	265.2	266.9	272.1
15,0°	200.3	208.2	222.0	234.9	249.2	269.9	286.7	286.2	272.9	267.7	270.6	275.6	276.6
17,5°	198.9	197.4	208.0	223.5	239.1	249.4	253.1	258.6	267.2	265.7	264.5	265.7	274.8
20,0°	205.8	220.1	233.6	235.1	239.6	243.3	240.8	239.6	242.5	251.2	259.5	262.5	267.7
22,5°	211.4	241.0	248.7	247.9	247.5	249.2	245.5	244.5	242.8	239.3	246.0	260.0	275.3
25,0°	214.6	231.2	243.3	245.5	246.7	253.9	261.3	264.2	257.6	246.0	242.8	269.4	287.4
27,5°	219.1	233.1	244.2	249.4	256.1	261.5	274.3	286.4	289.6	285.0	272.6	283.2	312.3
30,0°	240.5	259.3	269.4	269.2	271.4	271.6	282.2	306.9	313.1	316.5	321.2	319.5	328.6
32,5°	252.4	268.4	277.3	289.9	300.7	301.0	304.2	319.2	339.7	339.2	361.7	361.7	341.2
35,0°	278.8	288.4	292.4	294.3	307.4	323.2	343.2	357.0	355.8	370.1	383.4	405.6	375.3
37,5°	304.0	318.8	328.4	337.5	340.5	338.0	358.0	388.1	397.5	391.8	413.7	425.6	396.5
40,0°	322.0	332.3	338.2	357.2	380.7	385.9	392.0	404.6	430.8	449.5	433.7	454.9	392.8
42,5°	333.1	335.5	344.9	368.3	396.7	406.6	439.6	445.3	449.3	488.7	473.9	472.5	417.9
45,0°	344.9	353.0	381.9	400.9	419.7	413.2	453.7	496.6	497.1	498.9	494.7	491.9	448.5
47,5°	349.8	374.5	437.7	459.4	468.3	444.6	484.8	524.5	537.1	503.8	489.5	498.1	437.4
50,0°	348.1	394.2	503.0	500.1	533.6	501.8	557.1	569.2	531.9	508.2	495.4	489.0	429.8
52,5°	350.8	390.3	507.2	529.9	598.0	574.1	623.7	610.4	542.8	515.6	517.4	496.1	412.5
55,0°	355.8	396.5	504.0	590.6	662.9	656.3	672.3	634.5	583.2	542.8	533.6	504.0	399.7
57,5°	355.0	424.1	532.9	640.2	733.5	735.9	708.6	637.3	605.4	521.6	505.8	479.4	376.2
60,0°	311.6	419.4	552.6	645.7	755.9	764.8	721.1	669.1	612.8	500.8	455.7	426.3	333.8
62,5°	250.2	374.8	511.4	621.5	738.4	741.1	707.6	675.5	611.6	487.0	418.7	397.5	288.4
65,0°	208.5	311.8	446.1	516.6	643.2	769.7	738.4	631.1	570.9	465.1	395.5	349.6	249.7
67,5°	189.7	290.4	396.2	440.6	574.1	745.1	687.6	574.1	529.9	407.3	340.5	275.6	189.0
70,0°	212.2	308.1	392.3	442.9	517.6	616.5	590.6	505.8	416.5	306.4	245.7	209.7	157.7
72,5°	162.3	267.2	329.6	377.5	450.7	497.1	472.5	360.0	268.4	205.3	206.7	190.2	115.0
75,0°	104.6	163.3	198.4	217.4	251.2	263.0	244.7	163.3	151.5	112.5	131.5	118.9	70.6
77,5°	49.1	66.6	77.0	80.9	81.4	87.8	99.7	90.1	85.6	58.2	50.6	46.4	31.3
80,0°	20.7	23.4	26.4	27.4	29.9	32.3	41.4	50.8	41.2	28.4	23.4	16.8	12.3
82,5°	13.8	15.5	17.8	20.0	21.7	23.2	23.4	24.4	21.0	16.3	13.1	10.9	8.9
85,0°	9.9	10.9	12.3	13.6	14.8	15.3	14.8	13.3	11.6	10.1	8.9	7.6	6.4
87,5°	5.9	6.9	7.6	8.6	9.4	9.9	9.9	8.9	8.1	7.2	6.4	5.9	4.9
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

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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°	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4
2,5°	187.0	186.5	185.8	185.5	185.3	185.5	193.2	193.9	195.2	192.7	189.7	191.0	192.7
5,0°	212.4	212.2	210.7	209.0	209.2	209.7	195.2	194.9	196.1	193.2	188.0	188.7	193.7
7,5°	227.2	225.7	227.0	229.0	230.9	230.9	207.7	205.0	205.0	202.6	198.1	197.1	196.1
10,0°	251.4	256.3	256.3	255.6	259.8	260.5	224.0	219.8	217.6	212.7	209.0	204.5	196.1
12,5°	277.6	282.2	281.0	286.2	292.8	297.5	217.4	208.5	203.5	193.9	180.8	172.2	171.5
15,0°	286.7	295.6	306.9	319.7	324.9	326.6	192.9	188.0	182.1	172.2	155.4	145.3	144.8
17,5°	285.9	306.4	326.2	340.0	357.7	361.2	198.6	194.7	186.8	167.3	148.8	132.0	125.1
20,0°	282.2	298.5	320.5	338.7	354.0	356.7	202.1	197.9	183.8	162.3	139.9	124.6	115.0
22,5°	289.6	305.7	317.3	327.1	340.5	341.5	192.7	176.4	164.6	153.2	132.2	113.2	101.4
25,0°	299.0	308.1	320.2	323.9	324.9	326.2	191.7	170.7	160.1	151.5	131.5	111.3	93.0
27,5°	321.5	320.0	318.0	313.3	318.3	322.2	202.6	179.1	157.9	148.5	131.5	105.3	80.7
30,0°	337.0	320.0	311.8	308.1	319.2	319.2	226.0	202.3	172.7	154.7	134.7	103.1	70.3
32,5°	323.7	306.7	283.5	283.5	289.9	304.0	233.9	210.9	182.3	159.9	135.9	96.2	59.0
35,0°	326.9	283.2	255.3	253.9	266.2	244.7	265.0	228.0	195.2	172.0	135.7	84.9	52.8
37,5°	319.7	265.2	254.6	254.6	260.8	196.9	288.2	245.5	200.3	176.4	129.3	72.5	52.6
40,0°	318.3	264.2	246.0	252.6	259.3	202.3	304.7	259.8	214.6	177.9	116.0	67.1	57.5
42,5°	307.9	252.9	240.8	253.9	261.0	199.8	324.7	265.5	217.6	174.9	102.1	66.4	61.2
45,0°	311.1	244.0	238.1	257.3	255.3	192.4	349.3	281.3	220.3	159.4	89.1	70.3	67.1
47,5°	323.4	234.1	236.4	246.5	256.1	192.9	355.8	284.2	218.3	140.4	73.8	71.5	70.1
50,0°	301.7	223.3	227.2	239.6	246.0	188.0	349.8	276.8	208.5	112.3	62.9	65.6	60.7
52,5°	275.6	212.7	216.9	233.1	235.4	185.0	347.6	269.2	195.6	86.6	52.8	56.5	53.0
55,0°	241.3	186.5	196.9	215.9	219.6	179.1	342.7	261.5	173.2	68.8	45.4	47.6	47.1
57,5°	227.0	168.8	161.8	186.3	205.3	164.8	320.5	228.0	128.8	49.6	39.2	41.2	42.4
60,0°	200.3	139.1	129.8	153.0	174.4	154.4	256.1	185.8	92.8	44.9	35.0	35.8	36.5
62,5°	172.5	101.9	103.4	112.0	123.6	110.0	189.7	134.0	65.4	41.0	32.1	30.3	30.1
65,0°	146.5	76.5	66.9	71.8	71.5	63.7	135.9	93.8	52.8	37.5	30.3	28.4	25.2
67,5°	120.9	63.2	44.9	29.6	33.8	25.2	123.4	79.2	56.3	37.3	30.3	25.4	21.0
70,0°	88.1	55.5	22.7	14.8	15.5	12.3	133.2	87.1	63.7	38.2	26.9	23.2	18.3
72,5°	56.3	26.2	15.3	11.3	10.1	9.4	94.2	69.6	58.7	34.8	26.2	20.5	17.0
75,0°	28.1	13.3	10.6	9.4	8.4	7.9	57.7	46.4	38.5	30.1	26.4	21.5	18.3
77,5°	16.0	9.9	8.6	7.9	6.9	6.4	36.5	28.1	24.4	20.7	18.0	16.3	14.8
80,0°	9.6	7.9	6.9	6.2	5.7	5.4	17.5	16.3	16.8	13.1	11.6	10.6	9.6
82,5°	7.4	6.2	5.4	4.9	4.4	4.4	11.8	10.6	10.1	9.6	8.9	8.4	7.9
85,0°	5.4	4.9	4.4	3.9	3.9	3.9	8.4	7.6	7.4	7.2	6.9	6.4	5.9
87,5°	4.4	3.9	3.9	3.5	3.5	3.5	5.7	5.4	5.4	5.2	5.2	4.9	4.9
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

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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°	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	0.3	0.3
2,5°	193.2	191.0	189.5	189.7	190.5	191.0	193.2	195.6	196.9	199.1	199.8	2.3	2.6
5,0°	197.1	198.6	199.1	202.3	203.8	200.8	198.9	199.3	199.3	199.1	198.9	4.8	7.3
7,5°	191.2	189.7	191.2	196.4	199.3	200.1	201.3	203.8	202.6	205.3	206.7	7.5	14.8
10,0°	189.5	183.3	182.6	182.3	182.1	188.5	188.7	191.7	197.9	199.8	198.9	10.5	25.3
12,5°	170.2	162.8	158.1	159.9	161.4	169.2	171.7	170.0	163.3	164.3	169.2	13.1	38.4
15,0°	145.6	139.1	131.0	124.6	124.6	130.5	143.6	149.5	150.0	145.1	140.6	15.1	53.5
17,5°	121.4	112.5	106.1	97.0	99.4	97.7	96.5	105.1	110.3	108.3	113.0	16.5	70.1
20,0°	108.3	95.7	85.9	74.8	75.2	74.5	71.5	68.3	66.9	75.0	75.0	17.9	88.0
22,5°	86.1	75.0	70.3	64.6	62.7	57.7	57.0	50.6	45.9	45.6	54.8	19.3	107.3
25,0°	69.8	60.2	52.6	53.0	49.1	44.9	44.7	39.7	34.3	34.3	32.6	21.0	128.2
27,5°	57.5	46.1	44.2	44.2	41.9	39.5	36.5	30.8	25.9	24.7	23.7	23.3	151.5
30,0°	50.3	44.2	40.7	38.2	35.0	32.1	28.9	23.9	21.2	20.5	19.7	26.4	177.9
32,5°	44.9	42.7	38.2	34.3	30.3	24.4	21.2	20.0	18.8	17.3	16.8	28.9	206.9
35,0°	46.6	42.4	36.5	32.3	27.6	21.7	18.5	17.0	16.0	15.0	14.8	31.9	238.8
37,5°	48.6	41.2	35.0	31.3	25.9	21.0	17.0	16.0	15.3	14.3	13.3	35.4	274.1
40,0°	51.1	40.2	35.0	29.6	23.7	19.2	16.5	16.0	15.3	14.3	12.8	39.1	313.2
42,5°	52.1	40.7	34.3	27.9	22.5	18.5	16.5	16.0	15.3	14.3	12.8	42.5	355.7
45,0°	54.8	41.2	31.8	25.7	21.5	18.3	16.5	16.0	14.8	14.1	13.3	46.3	402.0
47,5°	52.3	39.0	29.4	24.4	20.5	17.8	16.3	15.5	14.6	13.8	12.8	49.8	451.8
50,0°	47.4	36.3	27.1	22.5	19.7	17.5	16.3	15.3	14.6	13.6	12.3	52.9	504.7
52,5°	43.4	34.3	25.4	21.5	18.8	17.3	15.5	14.8	14.3	13.1	12.3	55.7	560.4
55,0°	38.5	30.6	23.2	19.5	17.5	15.8	14.6	14.8	13.8	13.1	12.3	58.5	618.9
57,5°	33.6	26.4	20.0	17.5	16.0	14.8	13.8	14.1	13.3	12.6	12.3	59.9	678.8
60,0°	29.4	22.0	17.0	15.0	14.8	14.1	13.1	13.3	13.1	12.6	11.8	58.7	737.5
62,5°	24.2	18.8	14.8	13.6	13.1	13.3	13.1	12.8	13.1	12.3	12.3	55.2	792.6
65,0°	20.7	16.5	13.8	12.8	12.1	12.1	12.3	12.1	12.3	12.1	11.8	50.4	843.1
67,5°	17.8	14.8	13.1	12.1	11.6	11.1	11.6	11.8	11.3	11.1	10.9	45.4	888.4
70,0°	16.0	13.8	12.3	11.6	11.1	10.4	10.4	10.6	10.4	10.4	10.4	40.3	928.8
72,5°	15.0	12.8	11.1	10.4	9.9	9.9	9.4	9.4	8.9	8.9	8.9	32.4	961.2
75,0°	14.8	11.8	10.1	9.4	8.9	8.4	8.4	8.1	7.9	7.9	7.9	19.1	980.3
77,5°	11.8	10.4	8.6	7.9	7.9	7.4	7.2	6.9	6.4	6.4	6.4	8.9	989.2
80,0°	8.9	8.4	7.2	6.7	6.4	6.2	5.9	5.7	5.4	4.9	4.9	4.3	993.5
82,5°	6.9	6.7	5.9	5.4	5.4	5.2	4.9	4.7	4.4	4.4	4.4	2.9	996.4
85,0°	5.4	5.4	4.9	4.4	4.4	4.4	3.9	3.9	3.9	3.9	3.5	2.1	998.5
87,5°	4.4	4.4	4.2	3.9	3.9	3.9	3.7	3.5	3.5	3.5	3.5	1.5	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

Lichttechnischer Prüfbefund

Familie DL® 30 LED	Bestell-Nr.: 5XA5132E1B08A2 EAN: 4058352058817	LP-Nummer 57200_7
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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	1410	15.1	15.3	15.2
95	241	1338	14.3	14.5	14.4
90	229	1271	13.5	13.7	13.6
85	216	1199	12.8	13.0	12.9
80	203	1127	12.1	12.2	12.1
75	190	1055	11.3	11.5	11.4
70	178	988	10.7	10.9	10.8
65	165	916	9.9	10.1	10.0
60	152	844	9.2	9.3	9.2
55	140	777	8.6	8.7	8.6
50	127	705	7.8	7.9	7.8
45	114	633	7.1	7.2	7.2
40	102	566	6.5	6.6	6.6
35	89	494	5.8	5.9	5.8
30	76	422	5.1	5.1	5.1
29	74	411	5.0	5.0	5.0