

Lichttechnischer Prüfbefund

Familie
DL® 30 LED

Bestell-Nr.: 5XA5132T1B08A1
EAN: 4058352059609

LP-Nummer
57198_7



Ausführung Mastaufsatz-Montage
Optik direkt, asymmetrisch extrem breit strahlend
 P100004
Abdeckung Abdeckung PMMA, schlagfest, IK08
Bestückung LED 3000 K | CRI ≥ 80
Betriebsgerät EVG Plus
Bemessungswerte Nettolichtstrom = 1400 lm
 Systemleistung = 13.1 W
 Lichtausbeute = 106.9 lm/W

Seriendokumentation
18.11.2020

siteco

Lichtstärke in cd/klm

C180-0

C200-20

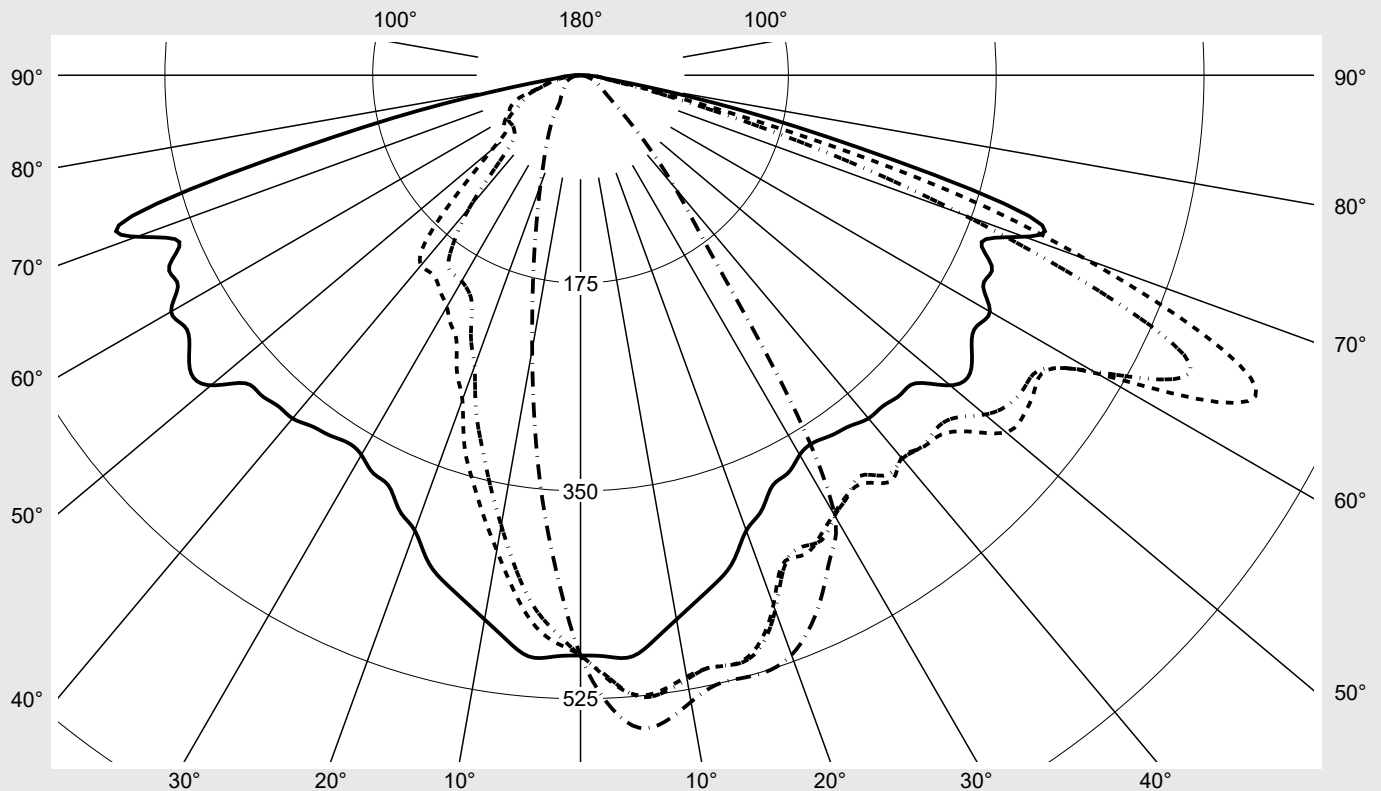
C205-25

C270-90

Imax: 628 cd/klm

Hausseite

Straßenseite



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G3
Imax 70°	624.1
Imax 80°	59.9
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

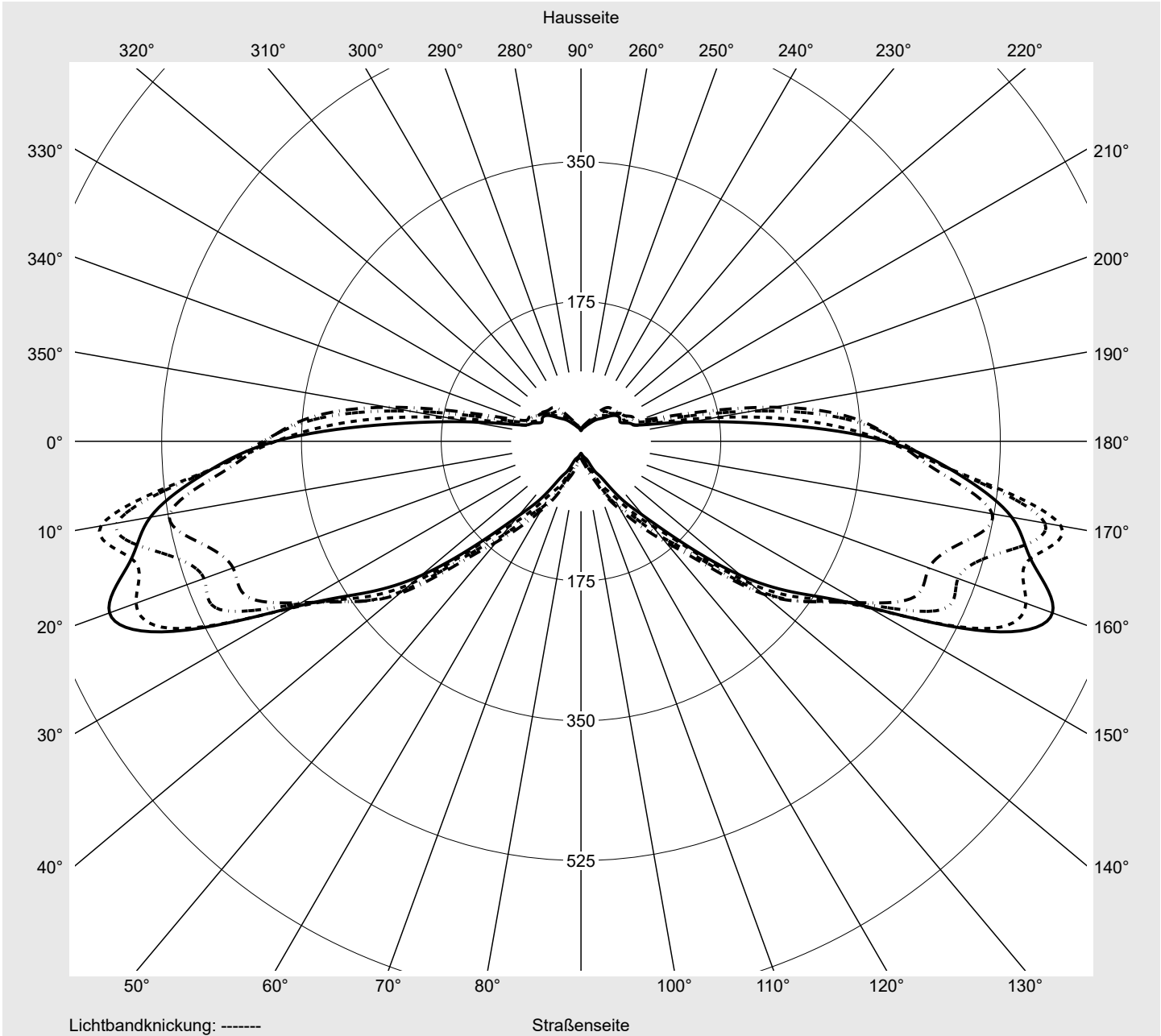
Messbedingungen

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.: 5XA5132T1B08A1 EAN: 4058352059609	LP-Nummer 57198_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°	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6
2,5°	489.8	496.9	502.5	512.0	508.3	506.4	512.6	522.1	526.1	522.3	519.5	522.1	524.4
5,0°	491.6	501.4	510.9	524.2	523.6	524.4	532.4	543.5	549.6	547.2	544.6	546.3	548.3
7,5°	479.3	492.4	505.9	521.6	522.5	524.9	534.1	546.6	554.3	552.6	550.6	552.6	553.9
10,0°	465.3	480.4	495.6	512.2	514.3	516.5	524.6	536.5	544.4	544.2	542.5	545.0	547.2
12,5°	453.1	472.2	490.0	508.3	510.7	510.2	515.0	522.7	528.9	528.5	527.4	531.1	535.6
15,0°	442.1	463.6	485.1	506.6	512.4	513.0	515.4	517.1	518.6	516.0	513.5	518.0	526.1
17,5°	428.6	453.1	473.9	494.8	501.2	504.7	511.1	513.3	514.8	510.7	506.8	510.7	519.5
20,0°	408.0	429.5	448.6	467.9	474.8	479.3	489.4	499.5	508.7	510.7	506.6	507.0	513.0
22,5°	397.5	418.5	434.8	446.2	445.1	448.2	461.7	474.8	491.6	501.6	499.9	498.6	500.8
25,0°	381.8	405.2	426.0	443.9	445.6	438.5	443.6	454.2	470.5	480.4	483.4	480.4	477.6
27,5°	377.9	397.9	414.2	427.7	437.2	440.8	444.9	442.6	452.5	457.0	455.0	452.7	446.2
30,0°	369.1	388.0	405.6	421.3	426.7	428.2	437.8	436.3	433.1	432.3	423.2	421.3	411.6
32,5°	366.3	381.6	395.9	407.1	418.5	419.6	422.4	423.0	416.1	409.1	397.2	383.5	368.2
35,0°	369.7	395.3	418.7	426.9	418.9	411.4	417.9	415.3	403.5	391.9	370.0	348.0	316.9
37,5°	372.3	393.2	404.1	420.0	430.3	424.3	416.1	415.9	398.7	379.2	336.4	308.5	276.3
40,0°	377.3	396.4	409.5	418.5	420.4	421.5	419.6	408.0	384.8	356.0	309.8	266.2	241.7
42,5°	377.5	396.6	403.7	413.8	425.4	424.7	403.7	395.9	363.5	327.6	285.1	233.1	208.4
45,0°	380.7	402.4	415.5	427.7	428.4	422.4	405.2	381.8	348.5	304.0	256.9	205.8	180.9
47,5°	383.7	425.8	445.4	457.0	444.1	427.1	396.6	372.7	336.7	274.8	217.8	186.5	162.2
50,0°	406.3	447.7	467.9	475.2	467.7	444.5	408.4	364.4	325.5	249.9	183.9	166.1	142.7
52,5°	413.1	459.8	471.6	482.1	470.3	455.0	413.8	352.8	304.4	230.5	165.4	150.2	124.8
55,0°	402.2	457.8	476.7	473.3	466.0	457.0	411.2	350.6	297.6	219.6	163.3	137.9	107.8
57,5°	394.7	451.8	522.7	492.8	463.6	460.8	404.1	350.2	297.3	216.1	164.6	129.1	100.1
60,0°	398.1	478.9	589.7	542.0	502.3	498.6	406.9	349.8	291.5	203.2	155.5	115.6	94.1
62,5°	382.2	481.7	610.1	579.2	592.7	554.9	417.0	342.0	276.7	187.6	137.7	103.6	76.1
65,0°	382.4	474.8	547.6	585.0	628.2	563.1	415.3	331.3	261.7	179.6	122.0	88.1	55.0
67,5°	365.9	482.7	504.7	584.1	564.8	468.8	358.8	287.2	233.3	169.7	104.0	69.0	39.7
70,0°	397.7	541.2	579.4	624.1	452.9	342.5	270.1	205.4	187.1	159.6	98.4	55.2	31.2
72,5°	398.1	500.1	475.7	434.4	331.3	222.1	158.6	124.4	121.8	109.8	73.5	43.6	20.8
75,0°	265.1	301.2	307.4	258.5	176.8	119.2	92.6	82.7	75.8	51.1	32.2	20.4	13.3
77,5°	147.8	147.6	115.6	86.8	72.6	58.2	51.3	47.1	34.6	20.8	20.0	13.3	9.5
80,0°	59.9	43.2	39.3	38.5	36.7	29.2	26.2	24.3	16.3	12.7	9.7	8.2	6.9
82,5°	22.8	24.3	25.1	24.7	22.3	18.9	16.1	13.5	11.0	9.0	7.3	6.4	5.6
85,0°	15.5	16.3	17.0	16.8	15.5	13.5	11.8	9.7	7.9	6.7	5.8	5.2	4.3
87,5°	8.4	9.2	10.1	10.5	10.1	9.2	8.2	7.1	6.0	5.2	4.7	3.9	3.7
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°	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6
2,5°	526.6	527.9	528.1	528.3	529.1	529.8	488.1	487.5	483.8	478.2	469.9	469.0	468.8
5,0°	550.0	550.6	550.2	550.2	550.8	551.3	484.7	480.4	472.4	463.0	449.4	443.0	438.3
7,5°	553.9	553.0	550.6	549.1	548.9	548.7	469.9	461.5	449.9	436.1	418.9	408.0	400.0
10,0°	546.8	545.0	541.4	538.6	536.5	535.8	451.2	438.9	423.7	406.3	384.8	369.3	357.5
12,5°	536.9	536.2	533.0	529.4	526.8	525.9	436.6	420.7	401.3	379.0	352.6	331.7	315.2
15,0°	530.9	531.9	530.2	527.4	525.9	525.5	419.8	400.2	377.7	352.3	322.0	295.0	273.7
17,5°	526.6	528.5	527.2	525.3	525.7	525.9	403.0	378.8	353.0	325.7	293.5	264.3	240.4
20,0°	518.4	518.4	516.5	515.4	517.8	519.5	379.0	350.8	320.8	290.9	260.8	232.2	210.1
22,5°	500.4	497.1	495.4	497.4	501.6	504.0	371.2	341.8	306.6	271.8	241.0	215.7	194.9
25,0°	471.8	466.8	468.6	474.2	479.5	481.7	354.9	327.8	288.3	247.1	216.1	195.9	180.5
27,5°	434.6	432.5	438.7	447.1	453.5	456.3	350.4	322.3	281.7	236.5	204.7	183.5	164.4
30,0°	392.7	389.3	393.2	398.7	415.5	428.0	337.3	300.8	259.7	225.2	200.2	176.0	142.7
32,5°	343.3	334.3	318.6	319.0	330.6	341.2	343.1	297.3	243.2	218.3	198.9	157.9	113.4
35,0°	293.0	273.1	272.6	273.1	267.3	223.4	340.5	291.1	233.3	211.2	194.2	134.1	89.2
37,5°	253.9	239.1	238.3	233.7	218.1	159.4	339.2	279.1	229.9	208.8	173.6	105.7	84.2
40,0°	221.7	209.0	203.2	192.9	171.4	124.2	346.3	271.8	228.6	208.8	145.2	89.2	83.6
42,5°	190.8	178.5	167.8	151.7	131.3	93.7	350.6	271.1	222.6	196.6	108.1	84.0	83.6
45,0°	160.1	147.8	134.3	114.7	94.7	68.7	350.2	269.8	225.4	162.0	84.0	81.2	81.9
47,5°	134.9	121.8	106.3	85.9	69.4	49.8	351.3	259.3	228.2	123.7	75.2	76.9	78.2
50,0°	114.3	99.0	84.0	64.7	50.5	37.4	358.1	257.6	212.7	96.9	72.8	72.2	73.3
52,5°	96.7	79.9	66.8	48.8	38.5	29.6	356.8	253.7	188.0	79.9	71.3	69.0	68.7
55,0°	84.6	66.2	53.5	38.7	30.9	24.9	347.6	255.0	159.8	78.2	71.3	66.8	63.8
57,5°	77.6	54.8	42.5	31.6	25.8	21.9	340.3	245.6	130.0	76.3	71.5	63.8	61.4
60,0°	71.1	46.4	34.2	26.4	22.3	19.3	329.6	217.4	105.3	72.6	68.5	63.2	60.6
62,5°	60.2	38.5	27.5	22.6	19.3	17.2	286.4	171.0	80.4	67.9	60.8	61.0	59.5
65,0°	42.1	27.7	22.1	19.6	17.0	15.0	243.8	139.9	79.3	65.5	55.4	56.1	55.4
67,5°	26.2	22.3	18.5	16.8	14.8	13.3	207.5	128.7	90.9	61.2	50.5	50.1	48.3
70,0°	21.1	16.3	15.0	14.2	12.7	11.6	266.2	140.1	98.2	53.9	46.2	44.3	41.5
72,5°	14.2	12.5	12.0	11.6	10.1	9.0	308.9	131.7	73.7	38.5	36.5	36.1	34.8
75,0°	10.7	10.1	9.9	9.2	7.3	6.9	249.2	124.4	53.1	30.7	30.3	29.9	28.6
77,5°	8.8	8.2	7.5	6.7	5.6	5.6	110.6	122.7	72.8	25.4	23.4	23.2	22.8
80,0°	6.4	5.8	5.4	4.7	4.3	4.3	46.6	50.5	49.8	20.0	16.1	16.3	16.5
82,5°	4.7	4.5	3.9	3.7	3.4	3.4	20.4	17.8	15.0	12.5	10.7	10.3	11.0
85,0°	3.9	3.4	3.4	3.0	3.0	3.0	13.8	11.8	10.1	8.6	7.5	7.1	6.7
87,5°	3.4	3.0	3.0	2.6	2.6	2.6	8.2	7.3	6.7	5.8	5.6	5.2	5.2
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
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
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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°	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	488.6	0.7	0.7
2,5°	465.3	457.4	448.8	444.7	442.1	440.4	435.5	430.5	427.3	425.8	425.8	5.8	6.6
5,0°	430.8	418.7	406.0	397.7	390.8	385.4	377.7	370.2	365.2	362.6	362.2	11.4	18.0
7,5°	389.7	375.1	360.1	348.0	337.9	328.9	318.0	308.3	301.2	297.1	296.0	16.4	34.4
10,0°	344.4	328.1	311.3	296.7	283.6	272.2	259.7	248.8	240.6	236.1	234.6	20.5	54.9
12,5°	299.7	282.5	265.8	250.3	235.7	222.6	209.7	198.7	191.0	186.9	186.1	24.1	79.0
15,0°	255.7	240.0	225.6	211.0	195.9	182.0	169.3	159.2	152.8	150.0	149.1	27.4	106.4
17,5°	220.4	203.9	189.9	176.0	161.6	147.2	135.1	127.2	122.9	120.7	120.3	30.4	136.8
20,0°	192.7	179.4	165.9	150.2	131.5	118.6	109.6	103.8	100.8	99.3	98.8	32.6	169.4
22,5°	174.2	156.4	139.2	124.2	108.1	96.7	90.7	86.6	84.0	82.5	82.1	34.6	204.1
25,0°	161.6	137.1	115.2	99.0	88.3	82.7	78.2	74.1	71.3	70.3	70.0	36.2	240.3
27,5°	134.1	108.9	92.2	83.8	79.1	73.3	67.9	63.6	60.6	59.5	59.7	37.5	277.9
30,0°	108.3	88.1	83.4	78.4	73.5	67.0	61.2	56.3	53.1	51.8	51.1	38.2	316.0
32,5°	87.4	83.4	79.7	75.4	69.8	62.1	54.6	49.6	46.2	43.8	43.4	37.9	354.0
35,0°	83.8	81.0	77.6	73.0	66.4	57.4	50.3	45.8	42.1	38.5	34.8	38.1	392.1
37,5°	82.9	80.4	76.3	71.3	64.0	54.1	47.5	42.8	38.9	34.6	28.8	38.3	430.4
40,0°	82.7	79.5	75.4	70.3	61.2	51.6	44.5	39.5	35.2	31.2	26.2	38.4	468.8
42,5°	81.9	78.8	75.0	69.0	59.1	48.6	41.2	36.1	32.0	28.1	24.1	38.1	506.9
45,0°	80.4	78.0	74.3	67.7	56.3	45.1	37.6	32.9	29.2	25.6	21.9	37.9	544.8
47,5°	77.6	75.8	72.8	66.0	53.9	42.1	34.4	30.1	26.4	23.2	20.2	38.1	582.8
50,0°	73.5	72.4	69.6	62.7	50.9	39.5	31.8	27.3	24.3	21.1	18.5	38.5	621.4
52,5°	68.1	68.1	66.0	59.1	47.9	36.7	29.4	25.6	22.3	19.6	17.2	38.5	659.9
55,0°	62.9	62.1	60.8	54.6	44.0	34.4	28.1	24.1	21.3	18.5	15.9	38.5	698.4
57,5°	58.2	56.1	55.0	49.8	40.4	32.0	26.6	23.0	20.2	17.4	15.5	39.0	737.3
60,0°	54.4	50.1	48.6	43.8	36.3	29.4	24.7	21.7	19.1	17.0	15.0	40.3	777.6
62,5°	52.0	45.5	42.1	38.2	32.4	27.1	23.0	20.4	18.3	16.1	14.2	40.7	818.3
65,0°	49.8	42.1	37.0	32.9	28.4	24.3	21.3	18.7	17.0	15.0	13.3	39.7	858.1
67,5°	44.7	38.7	32.9	28.1	24.5	21.5	19.3	17.2	15.7	13.5	12.0	36.8	894.9
70,0°	38.5	34.4	29.0	24.3	21.3	19.3	17.4	15.7	14.0	12.2	10.7	35.4	930.3
72,5°	32.0	28.8	24.3	20.6	18.3	17.0	15.7	14.0	12.2	10.5	9.5	28.6	958.9
75,0°	26.0	23.6	20.6	17.6	15.9	14.4	13.5	12.2	10.5	8.8	8.2	18.8	977.8
77,5°	20.6	18.7	16.8	14.6	13.1	12.0	11.2	9.9	8.6	6.9	6.9	10.4	988.2
80,0°	15.9	13.3	12.0	11.0	10.1	9.5	8.6	7.5	6.4	5.6	5.6	5.2	993.4
82,5°	11.6	9.7	8.2	7.7	7.5	7.1	6.4	5.6	4.7	4.3	4.3	3.0	996.5
85,0°	6.7	6.7	5.6	5.2	5.2	4.9	4.3	3.9	3.4	3.2	3.0	2.1	998.6
87,5°	4.5	4.1	3.9	3.4	3.4	3.0	2.6	2.6	2.4	2.1	2.1	1.4	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.: 5XA5132T1B08A1 EAN: 4058352059609	LP-Nummer 57198_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	1400	13.1	13.2	13.2
95	241	1328	12.4	12.6	12.5
90	229	1262	11.8	12.0	11.9
85	216	1191	11.1	11.3	11.2
80	203	1119	10.5	10.7	10.6
75	190	1047	9.9	10.0	10.0
70	178	981	9.3	9.4	9.4
65	165	909	8.7	8.8	8.8
60	152	838	8.1	8.2	8.1
55	140	772	7.5	7.6	7.6
50	127	700	6.9	7.0	7.0
45	114	628	6.3	6.4	6.4
40	102	562	5.8	5.9	5.8
35	89	491	5.1	5.2	5.2
34	86	474	5.0	5.0	5.0