

Lichttechnischer Prüfbefund

Familie
DL® 30 LED

Bestell-Nr.: 5XA5132T1B08A3
EAN: 4058352059616

LP-Nummer
57199_7



Ausführung	Mastaufsatz-Montage
Optik	asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung	Abdeckung PMMA, schlagfest, IK08
Bestückung	LED 3000 K CRI ≥ 80
Betriebsgerät	EVG Plus
Bemessungswerte	Nettolichtstrom = 2370 lm Systemleistung = 20.4 W Lichtausbeute = 116.2 lm/W

Seriendokumentation
18.11.2020

siteco

Lichtstärke in cd/klm

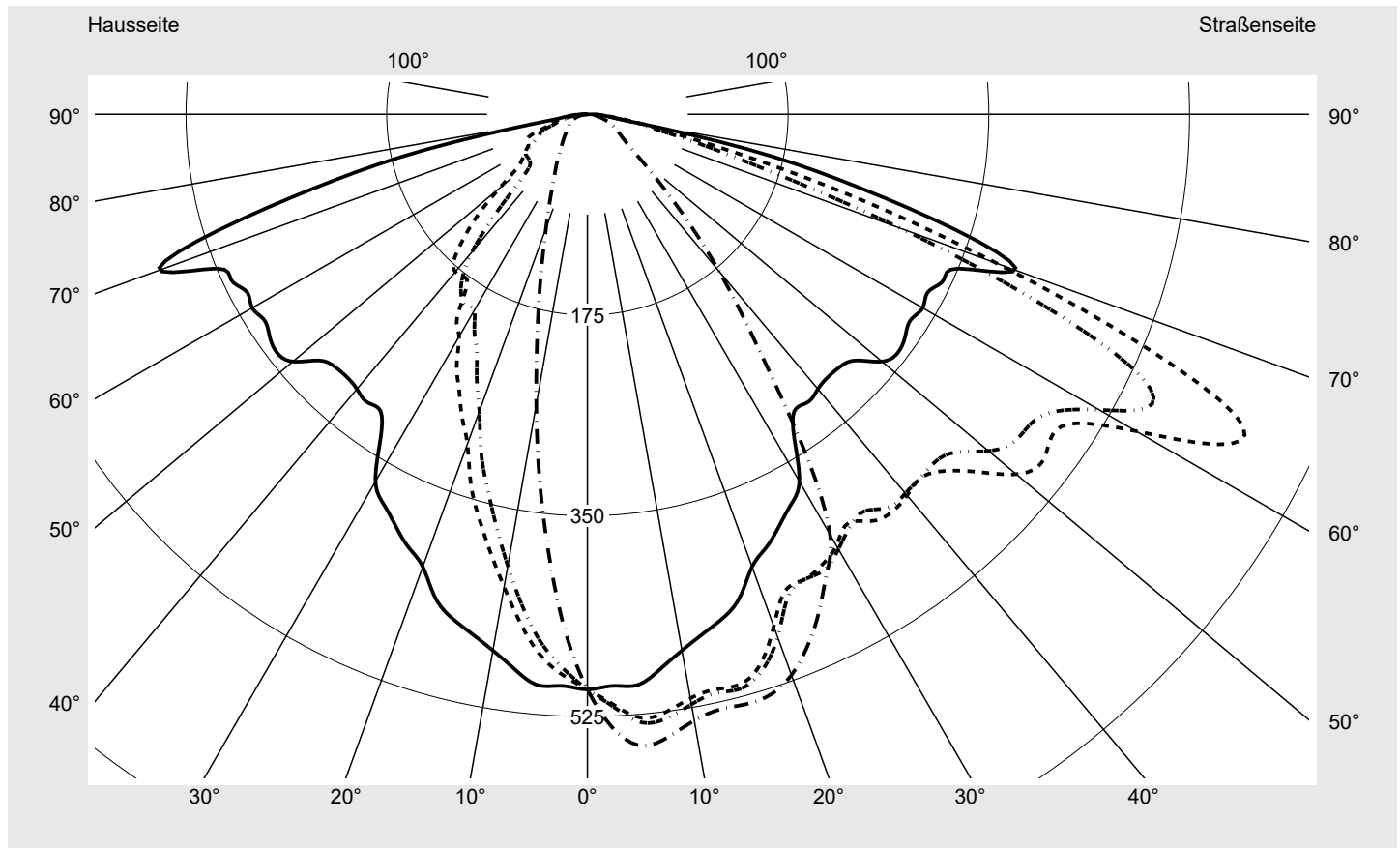
C180-0

C200-20

C205-25

C270-90

Imax: 625 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G3
Imax 70°	563.0
Imax 80°	58.0
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

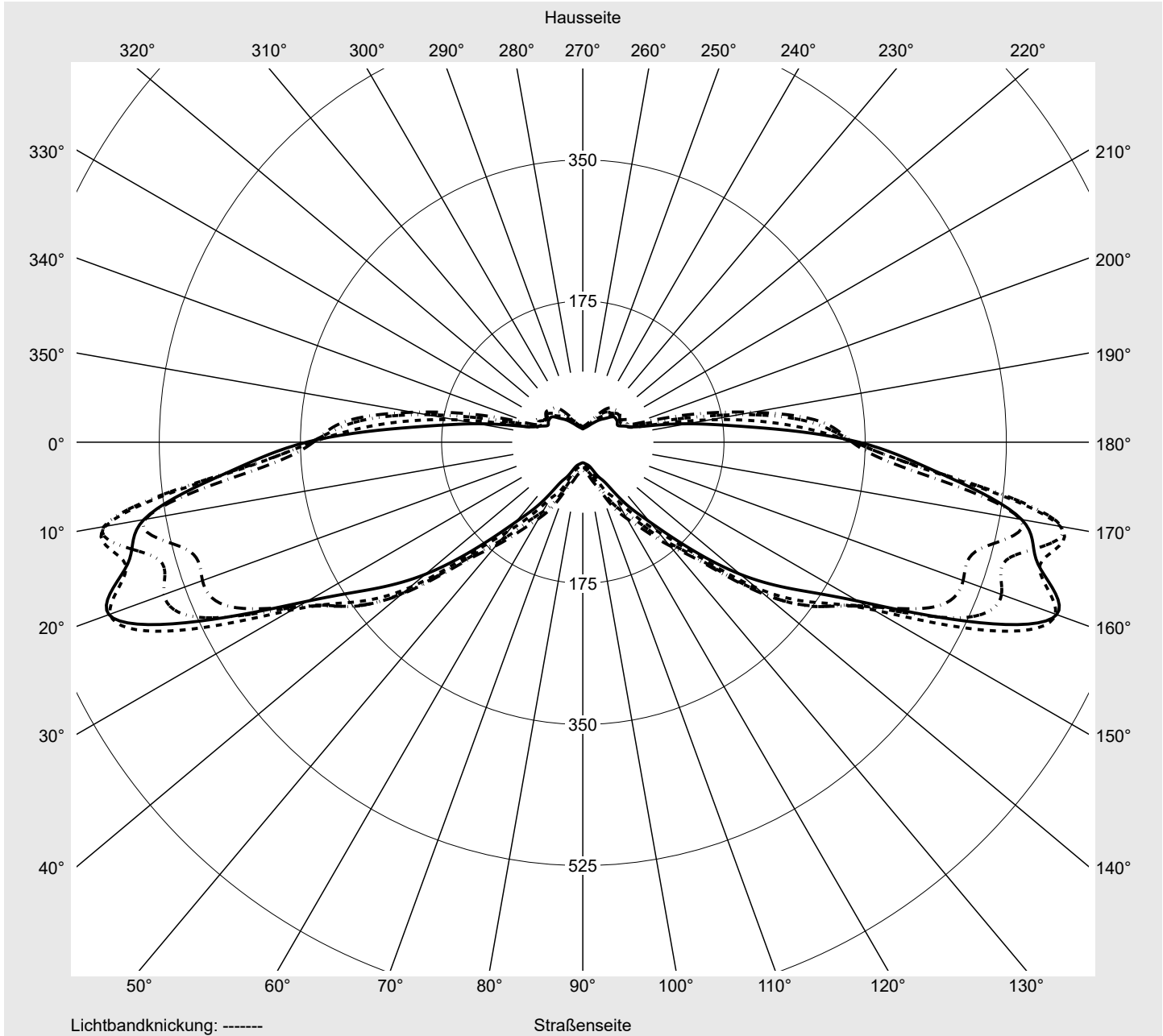
Messbedingungen

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**



Lichttechnischer Prüfbefund

Familie DL® 30 LED	Bestell-Nr.: 5XA5132T1B08A3 EAN: 4058352059616	LP-Nummer 57199_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°	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4
2,5°	498.7	502.1	506.6	513.6	515.0	516.9	521.6	526.8	531.0	532.1	530.1	531.9	534.7
5,0°	499.5	506.3	514.6	524.4	528.0	532.0	538.4	544.5	550.2	551.9	550.3	551.6	553.4
7,5°	487.7	497.8	508.2	520.2	525.5	531.0	538.5	545.6	552.7	555.1	554.0	555.0	556.6
10,0°	474.7	486.4	498.7	511.2	517.0	522.3	529.1	535.5	543.4	546.7	547.1	549.3	551.2
12,5°	464.1	480.5	495.4	508.5	513.6	516.9	520.2	523.4	529.7	532.8	534.2	538.9	543.1
15,0°	455.0	474.9	492.4	507.5	514.5	518.2	519.0	518.6	521.6	522.9	523.0	528.9	535.7
17,5°	441.7	463.3	480.1	494.6	502.3	507.9	511.5	514.1	518.1	518.1	517.1	521.7	528.8
20,0°	419.7	439.3	454.2	466.9	475.1	485.0	493.2	501.6	510.4	514.5	512.7	514.7	519.0
22,5°	408.3	428.2	441.3	448.3	449.9	456.2	466.8	480.5	494.0	501.6	502.5	502.0	502.3
25,0°	395.8	418.4	435.2	445.6	447.4	447.5	449.2	458.3	473.3	480.0	482.0	479.7	474.1
27,5°	383.9	409.6	424.6	435.3	442.9	447.6	449.2	446.7	452.2	454.7	452.7	449.9	440.4
30,0°	369.6	392.1	410.4	424.7	434.1	437.7	438.5	436.4	434.2	428.1	421.1	415.7	401.5
32,5°	335.9	391.7	412.0	419.0	422.7	426.0	427.1	421.3	416.8	407.1	392.1	378.7	359.1
35,0°	315.1	383.4	425.8	437.6	432.9	422.1	418.8	416.2	407.1	389.9	364.3	339.8	315.3
37,5°	316.1	360.4	423.7	436.5	436.6	432.0	425.4	415.7	401.0	375.8	334.5	300.1	279.6
40,0°	312.7	351.9	414.4	427.4	433.7	431.3	423.0	414.5	386.2	353.7	308.4	265.3	248.3
42,5°	310.6	348.7	420.5	428.8	430.1	429.8	416.8	398.6	365.8	327.5	279.4	233.1	216.1
45,0°	311.3	360.6	437.8	445.1	439.8	428.6	408.9	388.8	346.3	298.2	248.6	207.9	188.9
47,5°	317.6	371.9	466.1	474.6	461.4	436.0	407.0	375.8	334.5	267.0	212.9	191.2	169.9
50,0°	335.3	393.8	486.7	499.2	488.2	456.5	413.4	368.6	318.7	244.6	185.9	172.9	151.4
52,5°	341.3	396.9	488.9	503.1	499.1	469.0	417.2	355.4	298.8	224.1	171.1	157.2	136.0
55,0°	338.2	401.2	503.8	490.3	493.1	471.2	415.3	353.1	293.4	215.6	167.8	144.0	119.8
57,5°	334.0	412.3	550.7	510.3	501.7	482.4	407.6	354.5	293.6	212.2	167.6	133.5	109.3
60,0°	337.5	445.2	602.9	549.6	552.4	515.2	407.8	355.5	291.3	206.3	160.1	122.0	99.8
62,5°	334.9	440.9	601.0	586.8	623.4	552.1	415.9	345.6	280.7	195.3	144.4	109.3	81.0
65,0°	342.5	444.8	552.5	584.2	625.2	525.3	394.4	317.3	254.7	184.5	129.0	94.4	61.3
67,5°	351.3	481.9	537.7	577.9	519.1	420.2	325.8	254.9	215.0	173.8	114.2	76.0	47.2
70,0°	397.0	523.4	563.0	516.5	380.3	291.1	231.7	180.7	169.6	144.1	94.6	59.9	35.9
72,5°	339.6	412.6	419.9	397.6	257.9	173.9	134.9	115.7	105.4	87.0	62.3	41.2	24.7
75,0°	242.4	258.2	248.0	209.9	150.8	107.1	87.8	80.4	64.3	50.9	34.9	24.7	17.8
77,5°	152.1	121.2	94.1	92.1	80.8	64.3	62.2	53.2	39.0	28.6	20.8	16.5	13.3
80,0°	50.3	43.6	48.2	58.0	49.6	41.3	37.0	29.7	21.9	17.6	14.9	12.4	10.6
82,5°	22.4	24.9	28.3	31.7	28.7	25.3	22.7	18.8	15.5	12.9	10.7	9.5	8.4
85,0°	16.0	16.6	17.5	18.0	17.4	15.8	14.7	13.5	11.2	9.7	8.3	7.4	6.7
87,5°	10.6	10.8	11.2	11.3	10.8	10.2	9.4	8.6	7.8	6.9	6.2	5.7	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

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°	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4
2,5°	536.7	539.3	542.8	543.0	538.5	536.9	497.9	497.4	494.9	489.3	483.7	478.2	476.1
5,0°	554.4	556.5	559.3	558.8	553.8	552.6	494.4	489.6	482.7	473.0	462.5	452.3	446.3
7,5°	556.0	556.5	557.4	555.2	548.8	546.9	480.1	472.0	460.9	447.4	433.0	419.4	409.5
10,0°	550.3	550.4	550.3	546.5	538.6	536.7	462.8	451.0	435.8	418.4	399.8	381.6	368.2
12,5°	543.7	544.7	545.2	541.2	533.9	531.5	449.1	432.5	412.9	390.9	367.4	345.1	327.7
15,0°	539.6	542.1	543.6	540.5	533.7	532.5	435.8	414.2	390.5	364.8	337.2	310.6	289.6
17,5°	533.8	536.9	538.6	536.4	531.8	530.6	419.2	393.9	366.2	338.0	308.5	279.9	255.8
20,0°	521.7	522.5	524.1	523.3	520.1	520.2	397.8	369.8	337.9	306.0	275.4	248.5	225.6
22,5°	500.0	498.7	501.9	503.5	501.8	501.6	385.9	357.5	322.7	285.7	252.1	227.9	207.3
25,0°	467.6	467.6	474.1	478.2	477.5	478.0	372.4	344.6	308.0	264.7	228.2	207.7	192.1
27,5°	430.1	433.4	444.1	450.0	451.1	451.7	354.4	323.7	287.1	246.8	213.5	193.6	179.3
30,0°	389.8	395.0	404.8	409.4	416.8	423.4	342.8	305.7	261.2	223.7	197.3	180.3	159.2
32,5°	347.4	350.0	350.1	352.4	357.3	359.9	296.8	264.0	220.4	211.8	197.1	167.1	129.7
35,0°	305.7	302.4	307.4	307.6	303.1	282.4	292.1	257.5	207.8	183.6	191.9	146.3	99.7
37,5°	271.1	267.2	268.9	263.9	253.3	224.1	290.2	248.3	200.5	178.2	179.0	117.6	83.1
40,0°	239.7	233.9	229.1	218.1	202.9	179.0	293.3	243.1	191.5	179.3	156.4	90.8	77.9
42,5°	208.4	201.0	190.1	174.1	158.1	138.1	289.3	237.2	182.5	172.1	121.7	75.5	75.9
45,0°	175.5	167.9	153.8	134.1	118.5	104.0	291.8	234.8	187.1	152.2	86.8	69.8	73.4
47,5°	148.7	138.9	123.3	103.2	89.3	77.7	296.8	228.7	191.3	128.8	69.4	66.9	69.5
50,0°	126.2	113.3	98.3	79.4	67.2	59.1	303.5	226.1	186.6	99.8	65.2	63.8	66.2
52,5°	108.3	91.2	78.8	62.2	52.8	47.0	304.7	222.4	175.7	77.6	64.3	60.9	62.3
55,0°	96.0	76.0	63.0	50.5	43.7	39.7	299.0	221.0	153.5	69.9	64.2	58.9	57.9
57,5°	88.1	64.4	51.8	42.4	37.6	34.9	295.3	213.9	128.6	64.5	63.9	55.7	55.8
60,0°	79.8	56.0	43.0	36.7	33.2	31.5	283.8	196.7	101.1	61.5	60.2	54.2	55.1
62,5°	66.9	46.3	35.8	31.8	29.5	28.2	252.2	160.2	77.0	57.9	52.9	53.0	53.9
65,0°	48.2	37.3	30.6	28.0	26.4	25.5	212.7	131.9	75.7	57.7	48.5	49.4	50.3
67,5°	34.0	28.9	25.9	24.5	23.4	22.8	220.9	136.3	90.9	57.3	45.0	44.1	44.1
70,0°	26.5	23.4	21.8	21.1	20.2	19.8	307.1	163.6	98.9	51.4	42.2	39.6	37.7
72,5°	20.1	18.2	18.0	17.8	16.8	16.1	312.8	165.0	83.1	39.6	33.0	32.6	31.8
75,0°	15.4	15.1	14.9	14.4	13.6	13.2	224.1	157.6	72.7	31.9	27.7	27.4	26.5
77,5°	12.6	12.1	11.6	11.0	10.4	10.2	95.9	110.8	94.6	31.0	22.0	21.6	21.1
80,0°	9.9	9.5	9.0	8.4	8.2	8.1	49.3	42.9	38.2	21.2	16.2	15.8	15.7
82,5°	8.0	7.5	7.2	6.9	6.7	6.5	21.0	18.5	16.3	14.1	12.5	11.9	11.4
85,0°	6.3	5.9	5.8	5.6	5.4	5.4	14.6	13.0	11.3	10.6	9.7	9.2	8.6
87,5°	4.8	4.6	4.5	4.4	4.3	4.4	10.0	9.1	8.1	7.1	6.5	6.0	5.7
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	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°	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4	501.4	0.7	0.7
2,5°	475.7	472.9	467.5	460.8	459.8	457.7	452.8	450.0	448.4	449.8	450.2	6.0	6.7
5,0°	440.5	433.5	423.7	412.9	407.8	402.2	394.5	389.2	385.5	385.6	385.4	11.7	18.4
7,5°	400.8	390.6	377.9	364.2	356.0	346.9	336.3	328.3	322.3	320.7	320.3	16.7	35.1
10,0°	356.2	343.6	328.5	313.5	302.4	291.1	278.8	269.0	261.3	258.1	256.9	21.0	56.1
12,5°	312.3	297.4	281.0	265.6	253.2	240.2	226.7	215.8	207.7	204.3	203.1	24.7	80.8
15,0°	270.8	254.3	238.5	224.3	211.3	197.0	183.2	172.4	165.3	162.7	161.9	28.2	109.0
17,5°	234.3	216.2	200.8	188.2	175.5	160.7	147.0	137.3	132.0	130.1	129.7	31.2	140.1
20,0°	206.3	189.4	174.8	160.4	144.9	130.0	118.5	111.0	107.3	105.9	105.5	33.4	173.6
22,5°	186.9	167.8	152.3	137.3	121.0	105.9	97.0	92.1	89.4	88.1	87.9	35.4	209.0
25,0°	173.5	149.0	128.6	111.5	97.9	88.1	82.1	77.9	75.3	74.3	74.0	37.0	246.0
27,5°	152.9	123.1	102.7	90.7	83.2	76.7	71.5	67.5	64.7	63.5	63.5	38.2	284.2
30,0°	126.4	98.4	87.3	81.5	76.1	70.2	64.9	60.6	57.7	56.3	55.6	38.6	322.8
32,5°	99.3	86.4	81.5	77.8	72.2	65.8	59.6	55.0	51.9	49.9	49.3	38.3	361.1
35,0°	87.3	82.7	79.1	75.2	69.0	61.6	55.8	51.1	47.7	45.0	43.0	38.4	399.5
37,5°	84.4	81.6	77.9	73.4	66.4	58.7	52.8	47.8	44.0	41.2	38.0	38.6	438.1
40,0°	83.5	80.7	77.0	72.1	64.1	55.7	49.4	44.2	40.4	37.4	34.5	38.4	476.4
42,5°	82.5	79.6	76.7	71.3	62.0	52.7	45.7	40.5	36.8	34.0	31.5	37.9	514.3
45,0°	80.7	78.8	75.9	69.8	59.3	49.1	41.9	36.9	33.6	30.9	28.8	37.6	551.9
47,5°	77.8	76.9	74.3	67.7	56.6	45.7	38.3	33.7	30.7	28.2	26.3	37.7	589.6
50,0°	73.8	73.3	71.0	64.4	53.3	42.5	35.2	30.8	28.0	25.8	24.0	38.2	627.8
52,5°	69.0	69.2	66.7	59.9	49.7	39.4	32.4	28.3	25.7	23.5	22.1	38.2	666.0
55,0°	63.7	63.4	61.4	55.2	45.6	36.4	30.1	26.3	23.5	21.7	20.3	38.2	704.2
57,5°	59.0	57.0	55.3	50.4	41.4	33.5	27.9	24.4	22.0	20.3	19.2	38.9	743.0
60,0°	55.3	50.8	48.8	44.6	37.1	30.6	25.9	22.7	20.7	19.3	18.4	40.1	783.2
62,5°	52.6	46.2	42.4	38.3	32.7	27.6	23.8	21.2	19.6	18.4	17.6	40.4	823.5
65,0°	49.0	42.5	37.4	32.9	28.4	24.8	21.9	19.9	18.4	17.4	16.5	38.8	862.3
67,5°	43.3	38.1	32.9	28.4	24.7	21.8	19.9	18.2	16.9	15.8	15.0	36.2	898.5
70,0°	36.8	33.2	28.5	24.3	21.1	19.1	17.6	16.5	15.3	14.1	13.2	33.5	932.0
72,5°	30.5	27.9	24.1	20.4	18.1	16.5	15.3	14.4	13.3	12.3	11.5	25.9	958.0
75,0°	25.0	23.0	20.3	17.3	15.4	14.0	13.0	12.3	11.3	10.3	9.8	17.6	975.5
77,5°	20.0	18.5	16.3	13.9	12.5	11.3	10.6	9.9	8.9	8.0	7.7	10.6	986.2
80,0°	15.2	13.8	12.4	10.8	9.7	8.9	8.2	7.4	6.6	6.0	5.8	5.9	992.1
82,5°	10.8	9.6	8.4	7.7	7.3	6.6	5.9	5.3	4.8	4.4	4.4	3.6	995.7
85,0°	7.7	6.7	5.9	5.5	5.0	4.6	4.1	3.7	3.5	3.1	3.1	2.5	998.2
87,5°	5.2	4.6	4.1	3.7	3.5	3.2	2.9	2.7	2.5	2.3	2.3	1.7	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.: 5XA5132T1B08A3 EAN: 4058352059616	LP-Nummer 57199_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	2370	20.4	20.7	20.5
95	241	2249	19.4	19.6	19.5
90	229	2137	18.4	18.6	18.5
85	216	2015	17.4	17.6	17.5
80	203	1894	16.3	16.6	16.5
75	190	1773	15.3	15.5	15.4
70	178	1661	14.3	14.4	14.4
65	165	1540	13.2	13.4	13.3
60	152	1418	12.2	12.4	12.3
55	140	1306	11.3	11.4	11.4
50	127	1185	10.3	10.4	10.4
45	114	1064	9.2	9.3	9.2
40	102	952	8.3	8.4	8.4
38	96	896	7.8	7.9	7.8