

Lichttechnischer Prüfbefund

Familie
DL® 30 LED

Bestell-Nr.: 5XA5132S1B08A1
EAN: 4058352059470

LP-Nummer
57198_8



Ausführung	Mastaufsatz-Montage
Optik	asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung	Abdeckung PMMA, schlagfest, IK08
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG Plus
Bemessungswerte	Nettolichtstrom = 1600 lm Systemleistung = 12.5 W Lichtausbeute = 128 lm/W

Seriendokumentation
18.11.2020

siteco

Lichtstärke in cd/klm

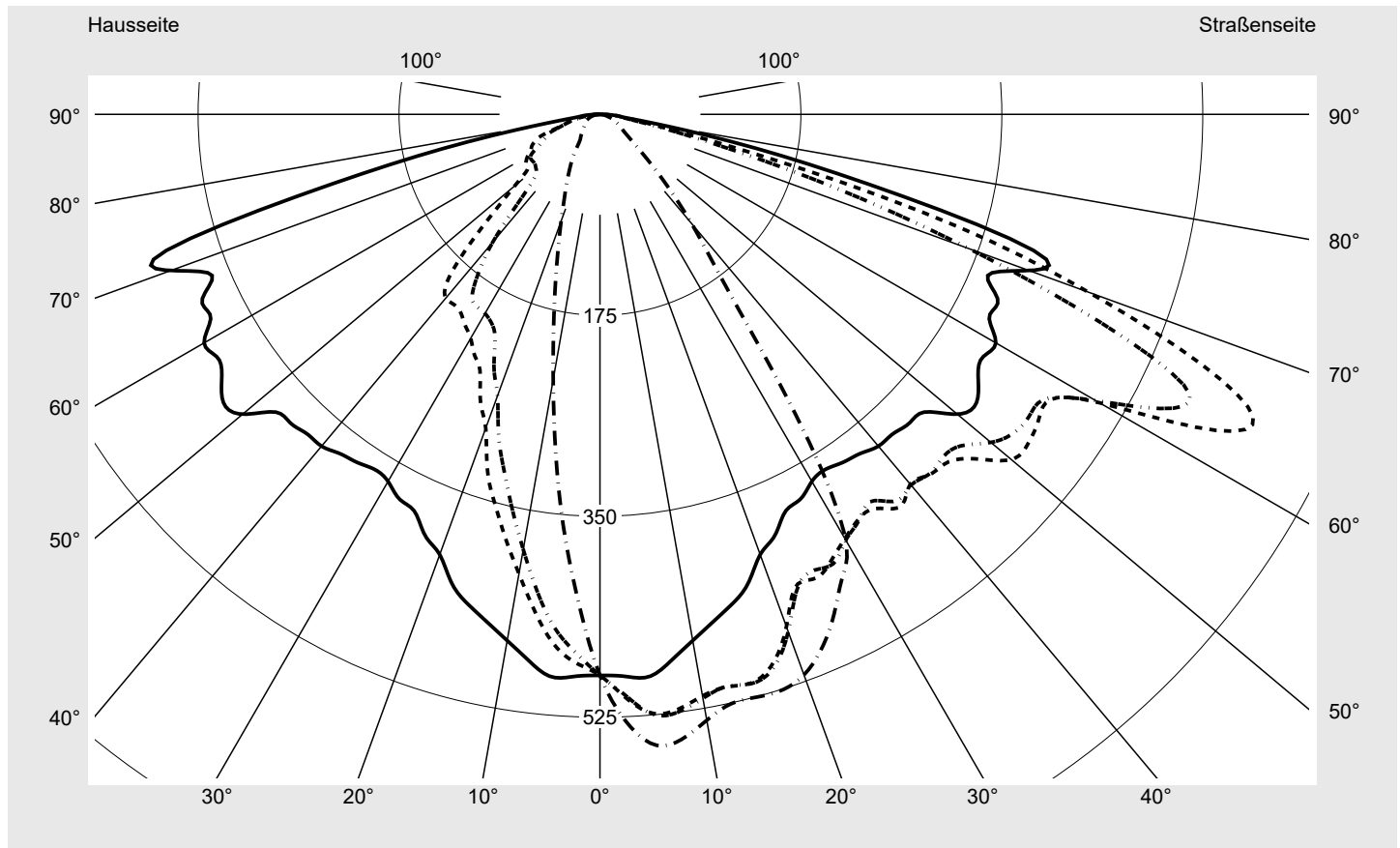
C180-0

C200-20

C205-25

C270-90

Imax: 628 cd/klm



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

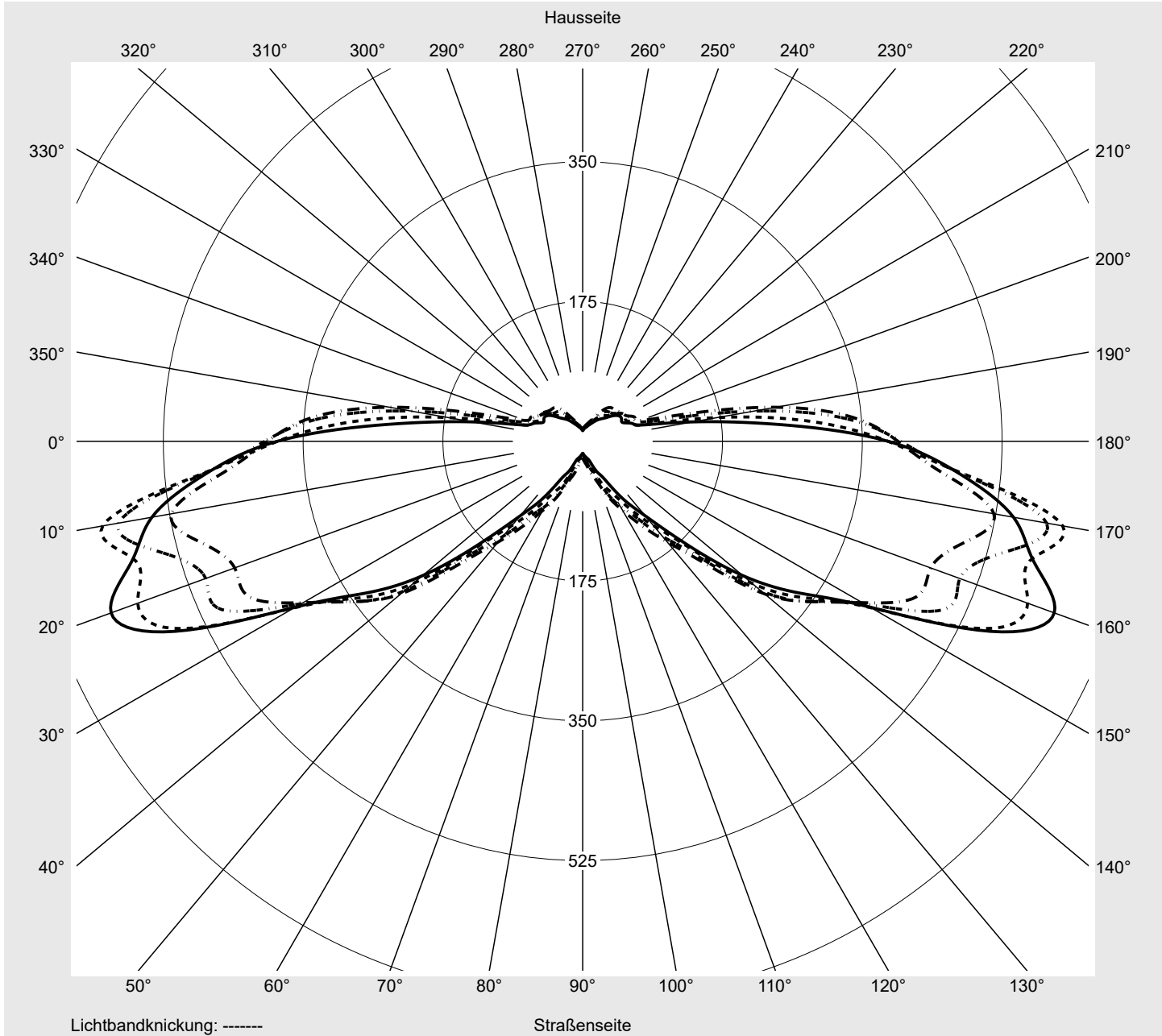
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie DL® 30 LED	Bestell-Nr.: 5XA5132S1B08A1 EAN: 4058352059470	LP-Nummer 57198_8
-------------------------------------	---	------------------------------------

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



Lichttechnischer Prüfbefund

Familie DL® 30 LED	Bestell-Nr.: 5XA5132S1B08A1 EAN: 4058352059470	LP-Nummer 57198_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°	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

Lichttechnischer Prüfbefund

Familie DL® 30 LED	Bestell-Nr.: 5XA5132S1B08A1 EAN: 4058352059470	LP-Nummer 57198_8
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

Lichttechnischer Prüfbefund

Familie DL® 30 LED	Bestell-Nr.: 5XA5132S1B08A1 EAN: 4058352059470	LP-Nummer 57198_8
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°	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.: 5XA5132S1B08A1 EAN: 4058352059470	LP-Nummer 57198_8
-------------------------------------	---	------------------------------------

Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	sITeco
---------------------------	---------------------------	---------------

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	1600	12.5	12.7	12.6
95	241	1518	12.0	12.2	12.1
90	229	1443	11.4	11.6	11.5
85	216	1361	10.8	11.0	10.9
80	203	1279	10.2	10.4	10.3
75	190	1197	9.7	9.9	9.8
70	178	1121	9.2	9.3	9.2
65	165	1039	8.6	8.7	8.6
60	152	957	8.0	8.1	8.0
55	140	882	7.5	7.6	7.6
50	127	800	6.9	7.0	7.0
45	114	718	6.4	6.5	6.4
40	102	643	5.8	5.9	5.8
35	89	561	5.3	5.4	5.4
32	81	510	4.9	5.0	5.0