

Lichttechnischer Prüfbefund

Familie
DL® 30 LED

Bestell-Nr.: 5XA513281B08A5
EAN: 4058352058688

LP-Nummer
57202_7



Ausführung	Mastaufsatz-Montage
Optik	direkt, asymmetrisch breit strahlend S120006
Abdeckung	Abdeckung PMMA, schlagfest, IK08
Bestückung	LED 3000 K CRI ≥ 80
Betriebsgerät	EVG Plus
Bemessungswerte	Nettolichtstrom = 4590 lm Systemleistung = 49.0 W Lichtausbeute = 93.7 lm/W

Seriendokumentation
18.11.2020

siteco

Lichtstärke in cd/klm

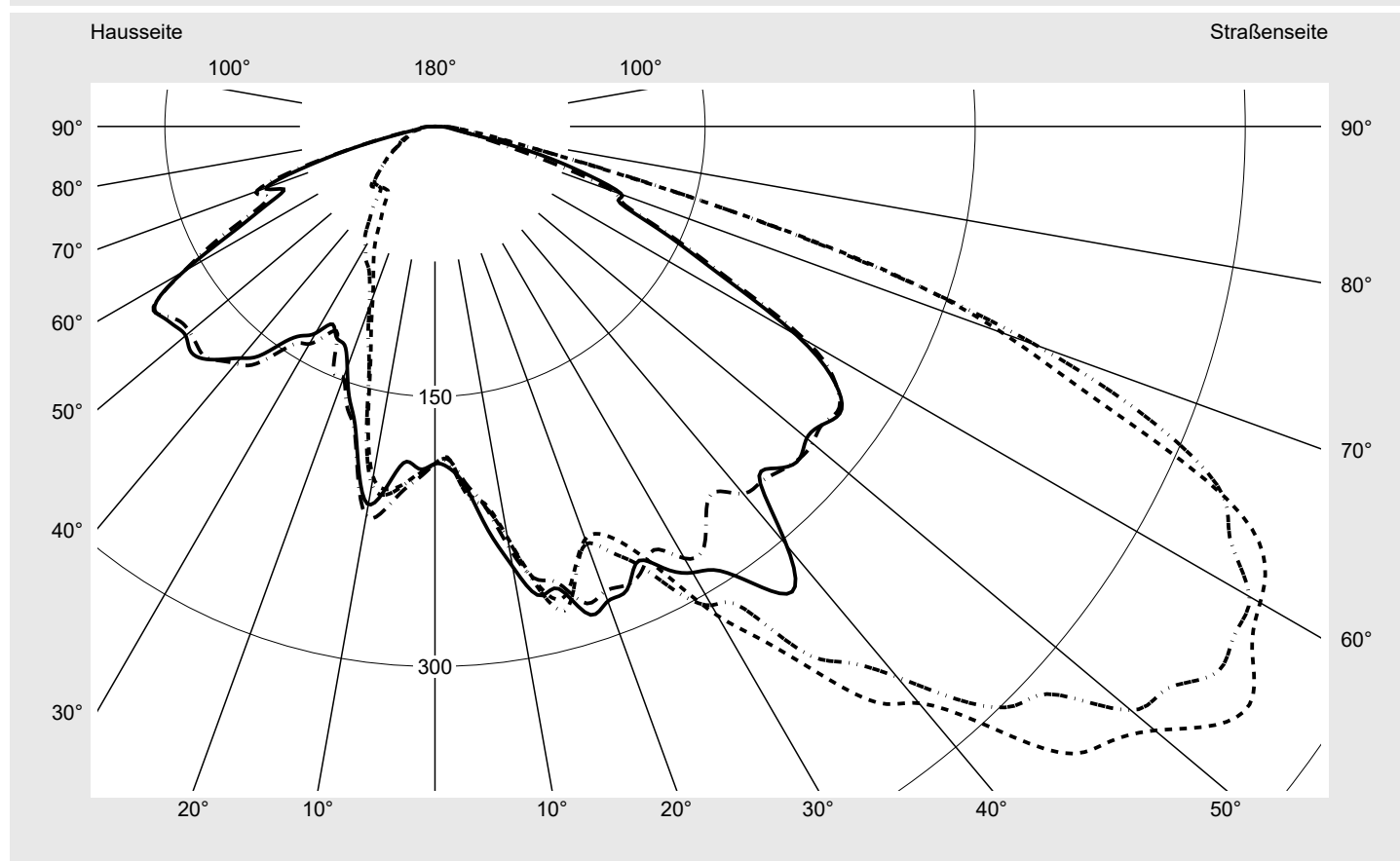
C180-0

C235-55

C240-60

C270-90

Imax: 554 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G4
Imax 70°	355.6
Imax 80°	35.4
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

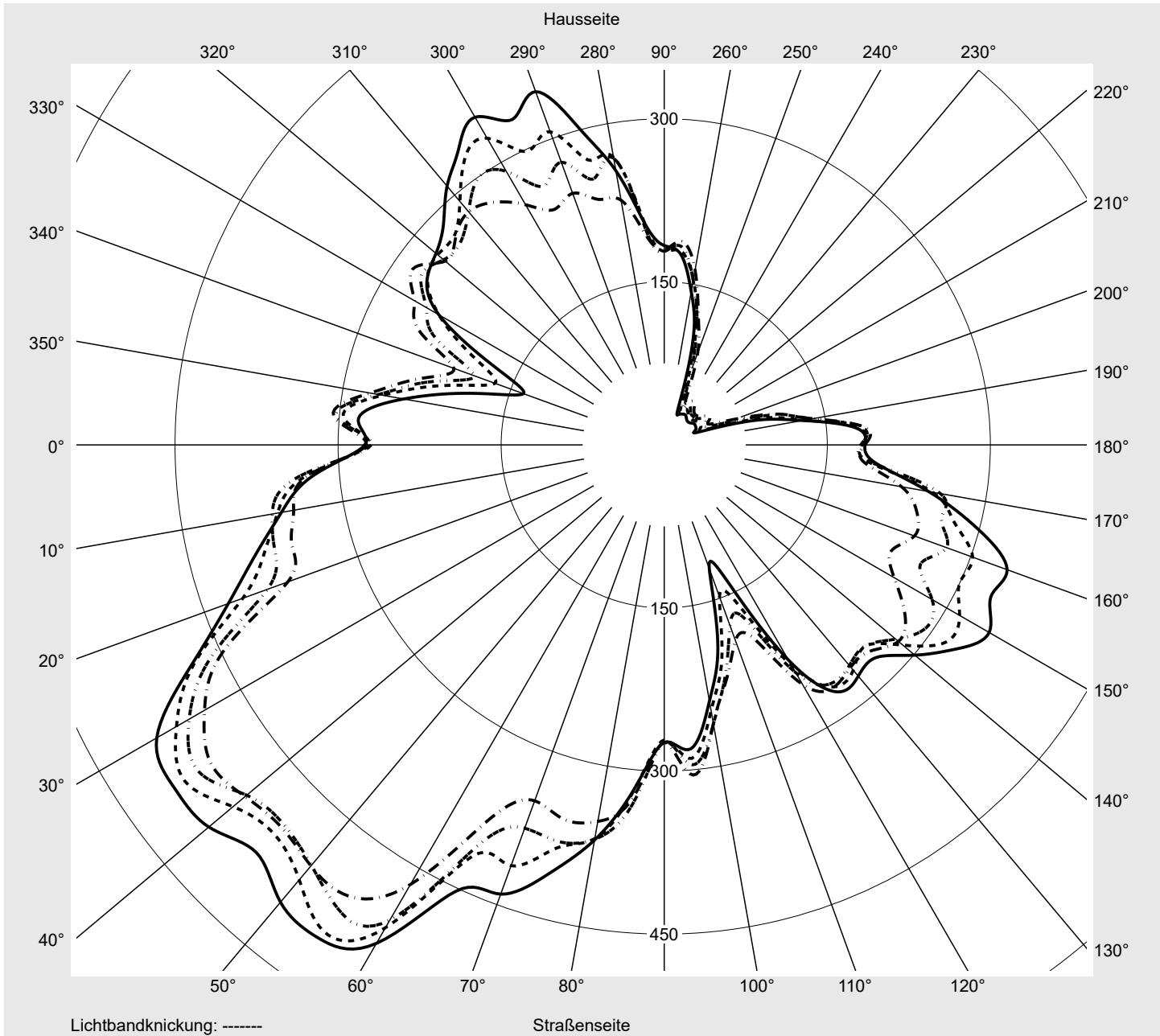
Messbedingungen

DIN EN 13032 und DIN 5032

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Familie DL® 30 LED	Bestell-Nr.: 5XA513281B08A5 EAN: 4058352058688	LP-Nummer 57202_7
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Kegelmantelkurven in cd/klm **KMK 55°** **KMK 52,5°** **KMK 50°** **KMK 47,5°** **siteco**



Lichttechnischer Prüfbefund

Familie DL® 30 LED	Bestell-Nr.: 5XA513281B08A5 EAN: 4058352058688	LP-Nummer 57202_7
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°
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	187.4
2,5°	190.3	190.9	191.9	191.2	189.9	187.6	188.0	188.9	188.0	186.0	184.0	185.0	187.3	188.3
5,0°	201.7	204.0	206.3	204.7	202.7	203.4	203.4	206.0	203.4	201.4	200.7	204.0	205.6	204.7
7,5°	226.3	226.3	225.3	225.0	219.7	215.8	215.1	217.4	215.8	213.8	209.9	211.2	213.2	213.5
10,0°	248.2	251.2	249.9	250.5	247.6	242.6	240.4	241.0	235.8	231.8	229.9	231.8	232.8	235.4
12,5°	266.9	265.9	268.2	273.8	274.7	270.8	270.2	266.2	259.7	253.1	255.1	259.3	261.6	265.9
15,0°	265.9	272.1	273.8	275.1	276.4	281.9	277.4	276.1	268.2	262.0	265.6	271.8	278.3	280.0
17,5°	284.2	283.9	279.7	281.6	273.4	263.3	259.0	259.3	260.0	263.3	260.3	258.0	260.7	266.6
20,0°	280.6	288.2	285.2	279.7	271.1	259.3	250.2	246.3	249.5	249.2	247.6	244.0	246.6	257.1
22,5°	278.7	292.8	286.5	280.3	272.4	264.9	259.0	252.1	241.0	236.1	235.8	245.6	256.1	265.2
25,0°	266.6	272.8	277.7	282.3	280.6	275.4	274.7	267.2	250.5	237.4	245.3	259.0	269.2	272.4
27,5°	277.0	284.6	286.5	286.9	288.2	295.0	297.3	287.5	275.7	274.4	275.7	282.9	291.8	286.2
30,0°	286.2	301.3	303.2	309.8	308.5	308.8	305.5	310.1	311.4	310.4	309.8	313.7	307.2	299.6
32,5°	292.4	304.9	307.2	308.1	325.2	334.7	325.2	334.7	346.5	335.3	349.7	338.3	316.3	304.5
35,0°	310.8	316.7	309.8	318.3	333.4	349.7	361.8	379.5	367.1	368.7	371.0	370.4	356.3	328.4
37,5°	325.8	317.6	305.2	320.9	346.5	370.4	386.7	401.8	405.7	397.2	395.2	403.4	375.3	325.5
40,0°	303.9	297.7	292.1	308.8	346.5	399.5	415.5	423.7	433.2	438.1	445.3	418.2	399.2	353.3
42,5°	266.9	300.0	299.6	308.1	346.5	424.7	444.7	460.4	459.1	486.6	461.4	449.9	432.6	365.1
45,0°	268.5	310.1	324.8	326.5	340.2	422.8	469.3	489.9	499.1	489.6	491.5	492.2	455.2	375.9
47,5°	274.1	329.8	346.1	354.6	368.4	446.7	488.2	509.5	503.3	497.7	505.6	506.6	467.0	379.5
50,0°	269.5	337.9	366.1	371.0	388.4	459.1	504.6	523.3	501.3	494.5	504.9	522.0	504.6	407.4
52,5°	271.8	331.4	361.2	380.5	412.6	477.4	518.0	538.7	517.7	506.9	522.3	546.2	512.8	417.5
55,0°	275.4	324.2	357.6	389.0	426.7	480.1	539.0	550.1	546.9	530.5	549.2	554.1	529.5	452.9
57,5°	262.6	328.4	355.6	399.2	450.6	513.5	530.5	547.8	545.9	513.1	540.6	538.0	526.2	486.6
60,0°	231.8	300.9	350.7	385.7	437.2	492.5	516.7	533.8	523.0	486.0	522.0	529.2	522.3	490.5
62,5°	179.1	252.8	318.9	353.3	401.1	468.3	500.4	520.0	482.7	470.6	509.5	519.0	498.1	463.7
65,0°	141.5	191.9	249.2	282.6	348.1	448.3	486.3	475.5	455.8	457.8	468.9	481.0	482.4	454.2
67,5°	111.3	167.3	215.1	240.7	314.4	417.5	425.4	414.2	406.4	393.9	413.9	399.2	434.2	403.8
70,0°	110.4	168.0	212.5	225.3	278.0	331.7	353.0	336.3	307.8	283.6	293.4	335.6	355.6	331.4
72,5°	88.1	129.7	164.1	188.9	223.3	253.5	266.9	238.4	207.0	204.7	220.4	252.8	247.2	230.5
75,0°	59.9	76.6	83.8	91.4	118.5	131.3	147.4	128.7	114.6	112.3	117.6	125.4	129.3	111.0
77,5°	26.9	29.8	33.7	35.4	34.7	43.6	55.3	67.8	60.6	51.4	55.3	56.3	55.0	40.3
80,0°	12.8	13.8	15.4	16.7	18.0	20.3	24.6	35.4	32.7	29.8	31.4	33.1	27.5	24.9
82,5°	9.2	10.2	11.1	12.1	13.4	14.7	16.0	18.3	17.7	19.0	17.7	18.3	18.3	18.0
85,0°	6.9	7.2	7.5	8.5	9.2	10.5	11.5	13.4	10.8	10.8	12.1	12.1	12.4	12.1
87,5°	4.6	4.9	5.2	5.6	6.2	6.9	7.5	7.5	7.5	7.9	8.2	8.2	8.2	7.9
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	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	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	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	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	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	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	0.0

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
siteco		

C- Ebenen	70°	75°	80°	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°	135°
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	187.4
2,5°	186.7	186.0	186.0	186.0	185.7	186.0	187.0	187.3	185.7	186.0	187.3	186.0	185.3	185.7
5,0°	203.0	203.4	201.1	199.4	199.4	199.1	201.4	201.7	199.4	198.1	197.5	195.5	193.5	193.5
7,5°	213.8	213.8	213.8	213.5	212.9	211.2	212.2	212.2	208.3	207.0	207.9	203.0	197.5	193.9
10,0°	237.1	236.8	240.7	239.0	237.7	234.1	233.5	230.5	223.3	222.0	219.7	213.5	207.3	200.4
12,5°	265.6	262.0	259.3	259.7	257.4	255.4	248.2	243.3	236.4	228.6	221.0	218.1	210.9	204.0
15,0°	274.4	272.1	271.8	270.8	262.3	256.1	251.5	242.3	230.9	220.1	213.8	208.9	205.0	201.1
17,5°	270.5	270.5	274.4	276.7	277.7	273.8	263.3	250.2	230.9	217.8	205.3	195.2	190.3	185.3
20,0°	264.6	270.5	279.0	279.0	275.1	273.1	263.9	244.9	226.3	206.0	195.5	188.9	180.8	169.0
22,5°	272.8	280.3	287.8	284.6	276.1	263.6	253.5	239.0	222.3	203.7	190.3	179.4	164.7	155.2
25,0°	277.0	284.2	285.2	281.3	272.1	256.7	243.6	239.7	229.2	211.2	195.5	177.5	153.6	146.7
27,5°	283.3	277.7	275.1	266.6	264.9	256.4	241.7	234.5	231.8	220.7	201.4	177.8	159.8	159.1
30,0°	288.5	284.6	283.9	282.6	277.0	270.2	254.1	236.4	233.8	230.5	212.2	193.5	178.1	181.4
32,5°	300.9	285.2	281.6	279.0	277.7	262.0	247.6	234.8	228.9	225.3	213.8	202.7	198.8	185.7
35,0°	296.0	274.7	272.8	272.4	262.6	261.6	235.4	222.0	227.9	225.6	221.4	221.0	212.2	194.8
37,5°	297.0	296.0	298.0	294.4	255.7	275.4	244.9	223.3	217.8	221.7	226.9	235.4	214.8	216.8
40,0°	326.2	307.2	303.6	300.0	266.2	280.3	255.4	228.6	217.1	216.1	232.2	239.4	236.4	230.5
42,5°	325.8	308.1	309.5	304.2	267.9	289.5	255.1	226.9	211.5	210.2	237.7	256.4	254.1	252.5
45,0°	331.1	322.9	328.1	312.4	270.8	298.6	267.2	229.6	206.0	200.1	250.5	269.5	265.9	261.0
47,5°	348.4	356.6	351.7	325.2	273.8	304.9	260.3	222.3	191.6	197.5	254.4	272.1	266.9	268.2
50,0°	375.3	377.6	368.4	331.4	273.8	295.4	260.7	218.1	176.8	177.2	242.0	267.9	264.9	261.3
52,5°	411.9	384.1	367.7	318.9	271.5	289.5	248.2	204.7	148.7	163.4	234.5	271.8	270.5	261.6
55,0°	439.8	408.0	369.0	318.0	273.8	280.6	239.4	190.6	121.2	140.2	228.6	277.4	277.7	276.4
57,5°	458.4	410.0	364.5	311.1	263.3	267.5	210.2	149.7	103.2	143.4	218.7	267.5	268.2	272.1
60,0°	455.8	392.6	356.0	305.2	238.1	218.7	169.6	116.2	90.4	121.2	188.6	237.1	237.1	259.7
62,5°	417.8	361.5	307.5	251.5	185.3	159.8	118.9	80.2	71.4	109.4	164.7	215.1	220.7	258.7
65,0°	370.4	300.0	270.8	198.1	146.0	113.3	83.2	61.2	58.3	79.9	139.5	192.9	208.3	246.3
67,5°	313.1	249.2	225.6	167.3	114.3	81.9	51.4	54.0	55.3	75.3	105.8	153.3	188.3	220.7
70,0°	289.5	238.1	201.1	153.9	105.4	75.6	46.2	41.6	47.8	58.6	91.0	116.6	134.6	175.8
72,5°	194.5	142.8	130.0	109.4	71.4	49.8	36.7	29.8	26.5	40.3	73.0	108.1	107.7	114.3
75,0°	101.2	76.0	77.0	58.3	38.0	29.8	25.2	21.6	20.3	23.3	44.2	71.4	73.7	72.0
77,5°	36.0	36.7	33.1	27.5	22.6	17.7	17.0	16.4	15.1	14.4	25.5	30.8	36.0	36.7
80,0°	23.6	21.6	19.0	16.7	14.4	12.4	11.5	11.1	11.5	11.1	11.8	12.8	17.7	18.0
82,5°	17.4	15.7	13.8	12.4	10.8	9.5	8.5	8.5	8.2	8.5	8.8	9.5	10.2	10.8
85,0°	11.5	10.5	9.5	8.5	7.5	6.9	6.5	6.2	6.2	6.2	6.5	6.9	7.2	7.9
87,5°	7.2	6.9	6.2	5.6	5.2	4.9	4.9	4.9	4.9	4.9	5.2	5.2	5.6	5.9
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	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	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	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	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	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	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	0.0

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	140°	145°	150°	155°	160°	165°	170°	175°	180°	185°	190°	195°	200°	205°
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	187.4
2,5°	186.0	187.6	188.0	187.6	186.7	187.3	189.9	190.9	190.6	191.2	191.9	192.2	190.9	188.0
5,0°	194.2	195.5	193.9	191.6	193.2	190.3	189.6	188.0	187.0	187.3	189.9	192.5	192.5	190.6
7,5°	194.2	195.8	199.1	201.1	200.7	200.7	201.7	203.0	201.1	198.1	198.4	200.4	199.4	196.8
10,0°	200.4	200.4	201.7	203.0	205.0	208.9	210.9	213.2	213.2	210.9	208.9	207.6	203.4	198.8
12,5°	206.0	212.2	212.9	213.8	213.2	207.3	205.3	199.8	195.5	192.5	193.2	190.3	187.0	178.1
15,0°	201.4	205.3	211.2	206.3	199.4	192.5	186.3	178.5	171.6	166.7	165.4	160.8	152.9	139.2
17,5°	185.7	182.7	182.7	179.4	167.3	163.7	161.8	155.2	158.2	154.2	149.3	143.4	131.0	124.1
20,0°	162.7	158.8	159.5	158.8	155.9	154.9	155.9	149.3	142.4	140.2	131.0	127.4	117.6	108.1
22,5°	154.2	152.9	155.5	156.5	153.9	151.0	150.6	143.4	131.3	118.5	112.0	109.0	104.8	93.3
25,0°	150.6	159.1	157.5	147.4	142.8	142.8	143.1	136.6	129.3	114.0	101.8	99.5	99.5	89.7
27,5°	169.0	162.7	150.6	147.4	148.0	144.1	139.5	127.7	123.8	114.0	100.5	93.3	92.7	86.8
30,0°	174.2	161.4	159.1	155.5	152.3	146.0	146.4	138.5	132.6	124.4	109.7	97.6	90.4	84.2
32,5°	177.5	177.2	165.0	155.9	158.8	156.9	153.3	144.1	137.9	126.1	112.6	101.5	90.7	79.9
35,0°	198.4	187.6	175.8	173.2	166.7	156.9	154.9	147.0	146.4	138.5	116.6	103.8	95.0	77.9
37,5°	204.7	200.4	192.9	174.5	176.5	175.8	176.2	167.7	160.8	151.6	125.1	105.8	95.0	69.1
40,0°	225.6	214.8	198.1	199.8	201.4	185.3	176.5	169.0	168.0	156.5	132.3	111.7	96.3	63.2
42,5°	235.1	229.9	228.6	211.2	204.7	190.3	180.8	172.6	175.5	167.0	131.0	113.0	89.1	53.7
45,0°	263.3	257.1	230.2	212.5	218.4	209.6	198.4	178.8	182.4	182.7	140.2	113.6	84.5	51.1
47,5°	281.3	270.2	244.3	230.5	244.9	240.7	221.7	184.7	184.4	185.3	138.8	109.4	69.1	45.2
50,0°	278.0	293.7	284.6	260.0	276.4	263.9	258.0	192.9	180.8	183.1	137.9	107.1	58.6	40.6
52,5°	286.5	316.3	313.7	300.0	301.9	276.4	250.5	190.3	182.1	179.1	131.0	95.9	43.2	36.7
55,0°	300.9	327.5	345.1	331.4	335.6	298.6	246.9	195.8	184.7	177.5	129.3	87.8	36.3	31.4
57,5°	313.1	330.1	361.2	371.7	370.7	321.6	255.1	204.3	184.4	165.4	110.7	60.9	30.1	27.8
60,0°	310.4	340.2	362.5	392.0	386.7	328.4	276.4	204.0	161.1	136.2	92.7	47.2	28.8	24.9
62,5°	318.0	341.9	346.8	388.0	372.0	317.0	250.2	174.5	125.7	98.2	68.8	35.4	26.5	22.3
65,0°	295.7	327.1	372.3	396.2	325.8	267.9	224.0	150.3	103.2	73.7	50.1	31.8	24.9	21.0
67,5°	280.0	306.8	362.8	386.7	266.6	217.4	198.8	135.2	91.0	61.2	38.6	31.8	24.2	20.3
70,0°	227.9	262.6	320.3	333.7	248.5	213.8	198.8	150.0	99.9	65.5	42.9	34.4	23.9	19.0
72,5°	154.9	201.7	268.8	263.9	221.7	187.3	175.5	142.1	77.3	45.2	35.7	31.8	20.6	17.7
75,0°	82.5	92.3	138.5	147.4	134.6	116.6	113.6	84.5	48.8	30.8	26.5	20.6	19.3	17.4
77,5°	48.5	47.2	55.0	50.4	49.8	49.4	43.6	35.7	23.9	18.7	16.0	13.8	13.4	12.8
80,0°	27.8	29.1	28.2	19.3	18.0	17.4	15.7	13.4	11.8	10.5	10.8	9.8	8.8	8.8
82,5°	13.1	14.7	16.0	14.4	13.4	12.4	10.8	9.8	8.5	7.5	7.2	7.2	7.2	6.9
85,0°	8.5	9.2	9.8	9.8	9.5	8.8	7.9	7.2	6.2	5.9	5.6	5.2	5.2	5.2
87,5°	6.2	6.9	7.2	7.2	6.5	6.2	5.6	4.9	4.3	4.3	3.9	3.9	4.3	4.3
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	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	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	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	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	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	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	0.0

Lichttechnischer Prüfbefund

Familie DL® 30 LED	Bestell-Nr.: 5XA513281B08A5 EAN: 4058352058688	LP-Nummer 57202_7
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
siteco		

C- Ebenen	210°	215°	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°	275°
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	187.4
2,5°	187.6	188.6	190.6	191.2	191.6	192.5	192.9	193.5	193.9	195.2	195.8	195.8	195.2	195.5
5,0°	190.9	191.2	193.5	196.8	197.5	199.4	200.1	200.1	199.1	199.1	199.4	201.1	203.0	205.3
7,5°	193.5	190.6	188.0	190.9	195.5	203.4	206.3	206.0	206.0	210.9	214.2	215.8	214.8	217.1
10,0°	190.9	189.9	187.0	185.7	190.9	197.8	202.0	203.4	204.7	212.5	216.1	217.4	219.7	225.3
12,5°	173.2	172.2	167.7	166.4	170.6	171.6	175.5	179.8	183.4	186.0	191.2	197.1	198.1	201.7
15,0°	134.6	138.2	141.8	141.1	142.8	138.8	141.5	151.0	163.7	174.5	177.8	176.5	173.6	179.8
17,5°	112.6	112.0	115.3	115.6	120.2	117.9	123.5	127.1	142.8	158.5	165.4	165.0	162.7	160.8
20,0°	101.8	97.3	99.5	97.3	102.8	100.9	106.4	109.7	123.8	132.3	137.5	145.1	148.7	160.1
22,5°	89.7	84.2	78.6	78.3	84.5	89.4	94.6	104.5	110.7	112.6	119.9	131.3	147.0	151.0
25,0°	79.9	69.1	60.6	61.6	66.1	80.6	87.1	95.0	99.2	102.2	111.3	122.8	128.0	134.3
27,5°	72.4	58.6	48.1	48.1	58.3	71.4	83.2	91.0	94.6	102.5	117.2	125.7	130.7	141.5
30,0°	67.5	52.7	44.9	44.5	49.8	60.6	77.0	85.5	94.3	107.4	122.8	131.6	139.5	150.0
32,5°	58.9	45.2	43.9	44.5	43.2	53.0	72.4	84.2	97.6	109.4	125.1	136.9	142.8	147.4
35,0°	54.0	42.6	43.2	44.2	43.2	45.5	63.5	82.2	98.9	109.7	134.6	151.0	154.2	161.8
37,5°	46.2	43.6	42.9	42.6	42.6	44.2	56.3	81.9	101.8	116.2	147.0	158.8	167.0	175.5
40,0°	45.5	45.5	43.9	40.6	44.5	44.5	47.5	73.7	101.5	118.9	146.0	167.3	171.9	173.6
42,5°	46.5	46.5	44.2	41.3	44.5	45.8	45.5	68.8	103.2	119.5	155.9	178.5	176.5	179.4
45,0°	48.8	47.2	44.2	42.2	43.9	47.5	45.8	56.0	95.9	118.5	160.8	188.3	180.8	183.7
47,5°	48.5	46.5	41.3	40.0	42.6	47.8	45.5	48.5	90.1	121.5	163.4	187.6	179.4	193.9
50,0°	44.2	42.2	38.0	37.3	38.0	41.9	41.9	39.0	72.0	116.6	153.6	183.1	177.8	200.1
52,5°	38.3	37.3	35.0	34.4	35.0	37.7	37.7	34.7	61.9	114.3	154.2	178.8	178.1	204.0
55,0°	33.4	33.7	31.4	30.5	31.8	33.7	32.7	30.8	41.6	104.1	143.1	175.8	183.4	204.3
57,5°	29.8	29.8	27.2	27.5	28.5	30.8	29.5	27.8	32.4	88.4	127.1	164.1	185.0	223.0
60,0°	26.2	26.5	23.9	23.6	24.2	27.2	26.2	24.9	30.1	61.9	97.3	129.7	161.4	215.5
62,5°	22.6	21.9	20.6	20.3	20.6	22.6	22.6	23.3	31.4	47.5	76.6	98.2	135.9	197.8
65,0°	21.0	19.6	18.3	18.0	18.3	19.6	21.3	21.9	27.2	35.7	57.3	74.3	109.0	164.7
67,5°	18.7	16.7	16.4	15.7	16.4	17.4	19.6	21.0	25.5	35.7	48.5	70.7	101.2	160.1
70,0°	16.4	15.4	14.7	14.4	14.7	15.4	16.7	18.7	26.5	40.0	43.6	65.8	105.4	158.2
72,5°	14.7	14.1	13.4	13.1	13.4	14.4	15.4	18.3	25.2	35.7	36.0	52.1	83.5	121.8
75,0°	14.1	13.4	12.4	12.1	12.4	13.4	15.1	18.0	19.3	25.2	24.9	29.8	50.1	72.0
77,5°	12.1	11.1	10.5	10.5	10.5	11.5	11.8	13.4	13.8	15.4	16.7	20.6	27.2	32.4
80,0°	8.5	8.2	8.2	8.5	8.5	8.5	8.8	9.2	10.5	11.1	11.8	12.4	14.1	16.0
82,5°	6.5	6.5	6.5	6.5	6.5	6.9	7.2	7.5	7.9	8.2	8.2	9.2	10.5	11.8
85,0°	5.2	5.2	5.2	5.2	5.2	5.6	5.6	5.6	5.9	5.9	6.2	6.5	7.5	8.2
87,5°	4.3	4.3	4.3	4.3	4.3	4.3	4.6	4.6	4.6	4.6	4.6	4.9	5.2	5.6
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	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	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	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	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	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	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	0.0

Lichttechnischer Prüfbefund

Familie DL® 30 LED	Bestell-Nr.: 5XA513281B08A5 EAN: 4058352058688	LP-Nummer 57202_7
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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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C- Ebenen	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	330°	335°	340°	345°
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	187.4
2,5°	195.5	192.5	189.9	191.6	189.9	187.3	186.0	188.3	188.9	188.0	187.6	187.3	188.9	191.6
5,0°	206.0	202.7	198.8	202.0	203.0	201.4	198.1	199.1	200.7	199.8	198.8	200.7	203.0	205.3
7,5°	219.1	215.8	209.6	210.6	206.3	204.3	200.4	201.4	207.9	214.5	216.5	217.8	219.4	221.4
10,0°	225.6	224.6	218.7	217.1	213.2	211.9	209.6	209.9	219.1	224.6	230.2	233.2	238.1	244.6
12,5°	205.6	217.1	217.8	217.1	216.8	215.1	209.9	215.1	221.7	222.3	224.6	231.8	242.0	247.2
15,0°	186.0	193.9	191.9	197.1	202.7	207.0	201.7	201.4	208.3	209.6	212.9	222.3	235.4	243.6
17,5°	170.0	169.3	167.7	172.9	174.9	172.9	178.1	183.1	190.3	195.5	205.6	219.4	233.8	255.7
20,0°	158.2	162.4	162.7	166.7	160.8	160.8	162.4	168.6	177.8	184.0	196.1	210.6	230.5	247.2
22,5°	152.6	155.5	154.2	160.5	160.8	158.8	157.8	154.2	165.0	183.7	199.8	219.4	238.4	247.2
25,0°	141.8	147.4	151.3	153.9	156.5	161.1	165.0	160.5	159.8	182.4	205.0	223.3	236.4	243.3
27,5°	143.1	149.0	152.6	158.2	163.4	163.4	169.0	173.9	175.2	194.5	217.8	234.5	245.6	250.5
30,0°	151.9	157.2	159.1	159.5	163.1	176.5	180.1	183.1	194.5	203.4	223.0	245.3	252.5	258.4
32,5°	150.6	159.5	166.7	170.3	172.6	183.4	196.1	190.6	209.2	224.0	229.9	252.8	261.0	265.6
35,0°	161.4	163.1	170.0	177.2	190.6	199.8	200.1	214.2	210.9	238.1	244.3	263.0	269.8	268.8
37,5°	177.2	185.7	190.3	186.3	196.5	210.2	218.1	226.9	234.8	242.3	256.1	267.2	267.2	262.0
40,0°	172.9	184.7	204.7	212.5	213.5	214.8	236.8	246.3	248.5	258.0	253.8	272.1	258.4	237.7
42,5°	182.4	194.5	209.6	213.8	234.5	239.7	242.6	270.2	261.3	271.5	261.0	272.8	237.1	233.2
45,0°	197.8	210.2	221.7	222.0	229.2	252.5	272.4	265.6	276.4	278.3	275.7	260.7	222.0	233.2
47,5°	228.6	233.8	246.3	239.0	255.1	272.4	280.0	271.1	263.0	282.3	265.6	248.9	206.0	234.5
50,0°	267.9	253.1	276.7	262.6	290.5	299.0	280.0	264.6	264.9	272.4	252.8	231.8	186.0	224.0
52,5°	268.8	271.5	306.5	298.0	325.8	320.3	292.4	272.8	272.1	265.9	239.4	195.5	165.7	210.9
55,0°	256.1	301.3	345.8	330.4	348.1	330.4	310.8	287.2	274.1	266.2	239.4	175.2	137.9	183.4
57,5°	275.1	331.1	387.4	363.5	360.2	332.0	315.0	264.3	251.8	246.9	216.5	162.1	112.6	149.3
60,0°	281.3	339.2	390.3	376.3	355.6	345.5	321.2	254.1	228.2	220.7	186.3	148.0	93.7	112.6
62,5°	269.5	330.4	386.4	374.6	338.6	343.5	316.3	244.9	214.5	205.0	159.8	120.2	74.3	90.7
65,0°	229.2	268.8	336.6	398.5	351.4	308.1	294.7	240.4	201.4	181.7	141.5	103.2	62.5	65.8
67,5°	206.0	221.4	312.4	374.9	307.8	279.3	257.4	198.8	173.6	146.7	110.0	78.9	54.0	55.0
70,0°	204.3	219.1	245.3	319.3	273.8	236.4	200.7	145.4	124.4	114.9	92.3	61.6	51.7	46.5
72,5°	146.7	164.1	190.6	227.6	198.8	147.7	124.8	94.0	97.9	101.5	72.4	40.6	35.7	36.0
75,0°	86.1	85.8	98.2	101.5	100.5	76.0	63.2	61.9	65.2	73.7	54.0	31.8	24.6	26.2
77,5°	36.7	35.4	37.7	41.3	45.5	39.3	37.3	31.4	36.7	35.4	28.8	17.0	16.4	17.0
80,0°	17.7	19.3	21.0	21.9	25.5	27.8	25.9	17.0	17.0	14.7	13.4	11.8	12.8	12.1
82,5°	13.1	14.4	15.4	15.7	15.1	14.7	13.4	11.8	10.8	10.5	9.5	8.8	8.2	8.2
85,0°	9.2	9.8	10.2	10.5	10.5	9.8	9.2	8.2	7.9	7.5	7.9	6.5	6.2	5.9
87,5°	5.9	6.2	6.9	6.9	6.9	6.5	6.5	5.9	5.6	5.6	5.2	4.9	4.6	4.6
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	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	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	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	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	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	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	0.0

Lichttechnischer Prüfbefund

Familie DL® 30 LED	Bestell-Nr.: 5XA513281B08A5 EAN: 4058352058688	LP-Nummer 57202_7
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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	sITeco
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C- Ebenen	350°	355°	Phi-Zone	Summe Phi-Zone
γ Lichtstärke in cd/klm Lichtstrom in lm/klm				
0,0°	187.4	187.4	0.3	0.3
2,5°	190.6	190.9	2.3	2.5
5,0°	203.7	201.4	4.8	7.3
7,5°	220.4	224.0	7.5	14.8
10,0°	247.2	248.2	10.5	25.3
12,5°	253.5	257.1	13.2	38.5
15,0°	259.3	263.3	15.1	53.6
17,5°	271.1	284.2	16.6	70.2
20,0°	263.6	273.1	17.9	88.1
22,5°	258.7	266.6	19.4	107.6
25,0°	246.3	256.7	21.1	128.6
27,5°	257.7	272.8	23.6	152.2
30,0°	269.2	279.3	26.7	178.9
32,5°	278.7	287.5	29.6	208.6
35,0°	273.8	300.0	32.9	241.4
37,5°	274.1	296.4	36.5	277.9
40,0°	255.7	281.9	39.7	317.6
42,5°	265.9	294.1	43.2	360.8
45,0°	275.1	303.9	46.8	407.6
47,5°	274.7	305.2	50.3	457.9
50,0°	266.9	302.6	53.3	511.2
52,5°	263.0	296.4	55.9	567.2
55,0°	243.3	282.3	58.6	625.8
57,5°	211.2	263.3	59.9	685.7
60,0°	165.7	212.2	58.5	744.1
62,5°	122.5	153.6	54.9	799.0
65,0°	83.2	108.7	50.2	849.2
67,5°	58.3	85.8	44.8	894.0
70,0°	53.4	75.3	39.2	933.3
72,5°	40.9	61.6	29.9	963.2
75,0°	27.5	34.4	17.3	980.5
77,5°	19.0	21.3	8.2	988.7
80,0°	10.8	11.1	4.5	993.2
82,5°	8.2	8.5	3.1	996.3
85,0°	5.9	6.2	2.2	998.4
87,5°	4.3	4.3	1.5	1000.0
90,0°	0.0	0.0	0.0	1000.0
105,0°	0.0	0.0	0.0	1000.0
120,0°	0.0	0.0	0.0	1000.0
135,0°	0.0	0.0	0.0	1000.0
150,0°	0.0	0.0	0.0	1000.0
165,0°	0.0	0.0	0.0	1000.0
180,0°	0.0	0.0	0.0	1000.0

Lichttechnischer Prüfbefund

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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	4590	49.0	50.5	49.8
95	241	4355	45.9	47.3	46.6
90	229	4138	43.3	44.6	44.0
85	216	3903	40.4	41.6	41.0
80	203	3668	37.6	38.7	38.2
75	190	3433	34.8	35.8	35.3
70	178	3217	32.3	33.3	32.8
65	165	2982	29.7	30.5	30.1
60	152	2747	27.2	27.9	27.6
55	140	2530	24.9	25.5	25.2
50	127	2295	22.4	23.0	22.7
45	114	2060	20.0	20.6	20.3
40	102	1843	17.9	18.4	18.2
35	89	1608	15.6	16.0	15.8
30	76	1373	13.3	13.7	13.5
25	63	1138	11.1	11.4	11.2
20	51	922	9.0	9.2	9.1
18	45	813	8.0	8.2	8.1