

Lichttechnischer Prüfbefund

Familie
DL® 30 LED

Bestell-Nr.: 5XA5132E1B08A5
EAN: 4058352058855

LP-Nummer
57203_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 = 4680 lm Systemleistung = 43.4 W Lichtausbeute = 107.8 lm/W

Seriendokumentation
18.11.2020

siteco

Lichtstärke in cd/klm

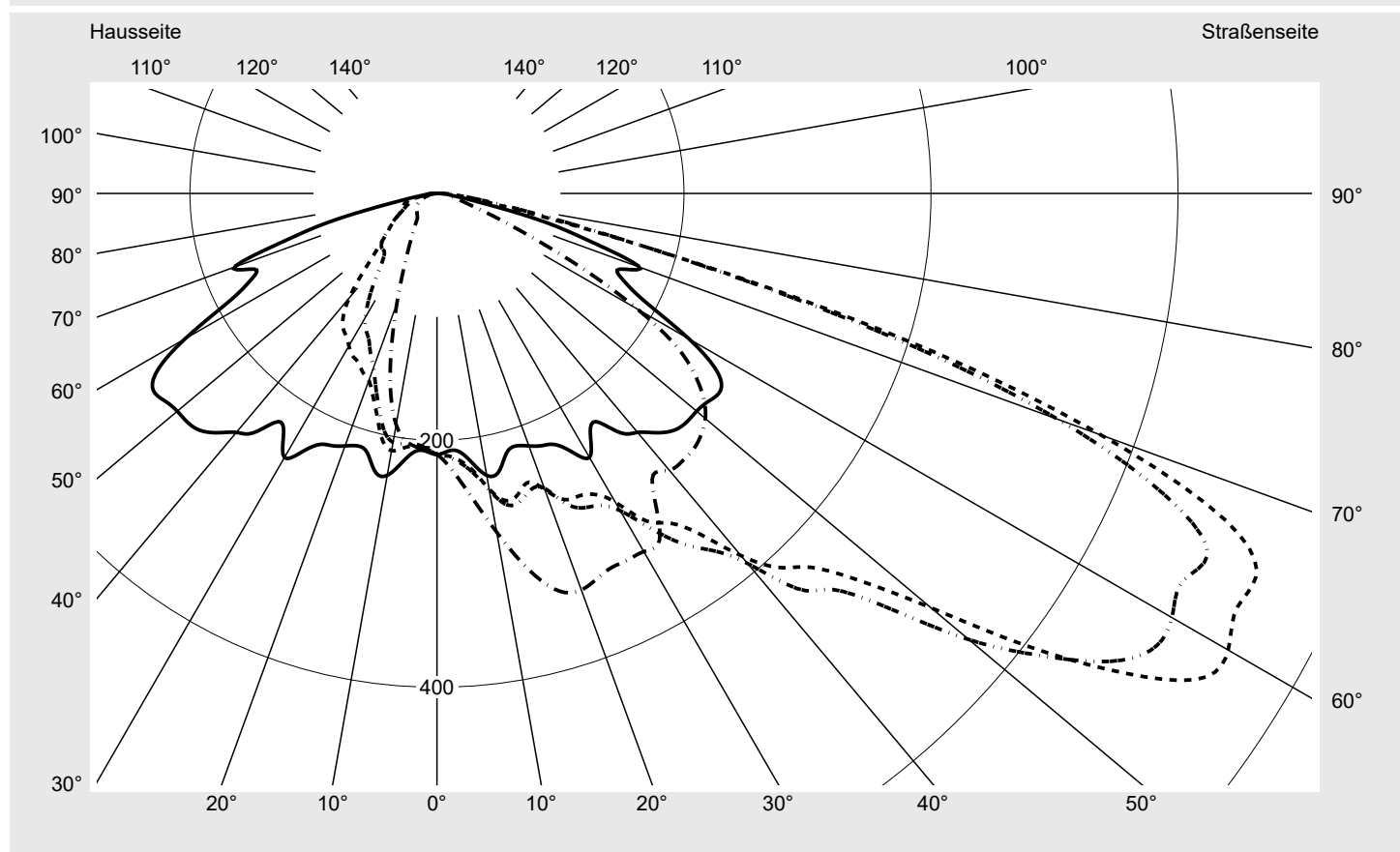
C180-0

C205-25

C210-30

C270-90

Imax: 740 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G3
Imax 70°	572.8
Imax 80°	60.7
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

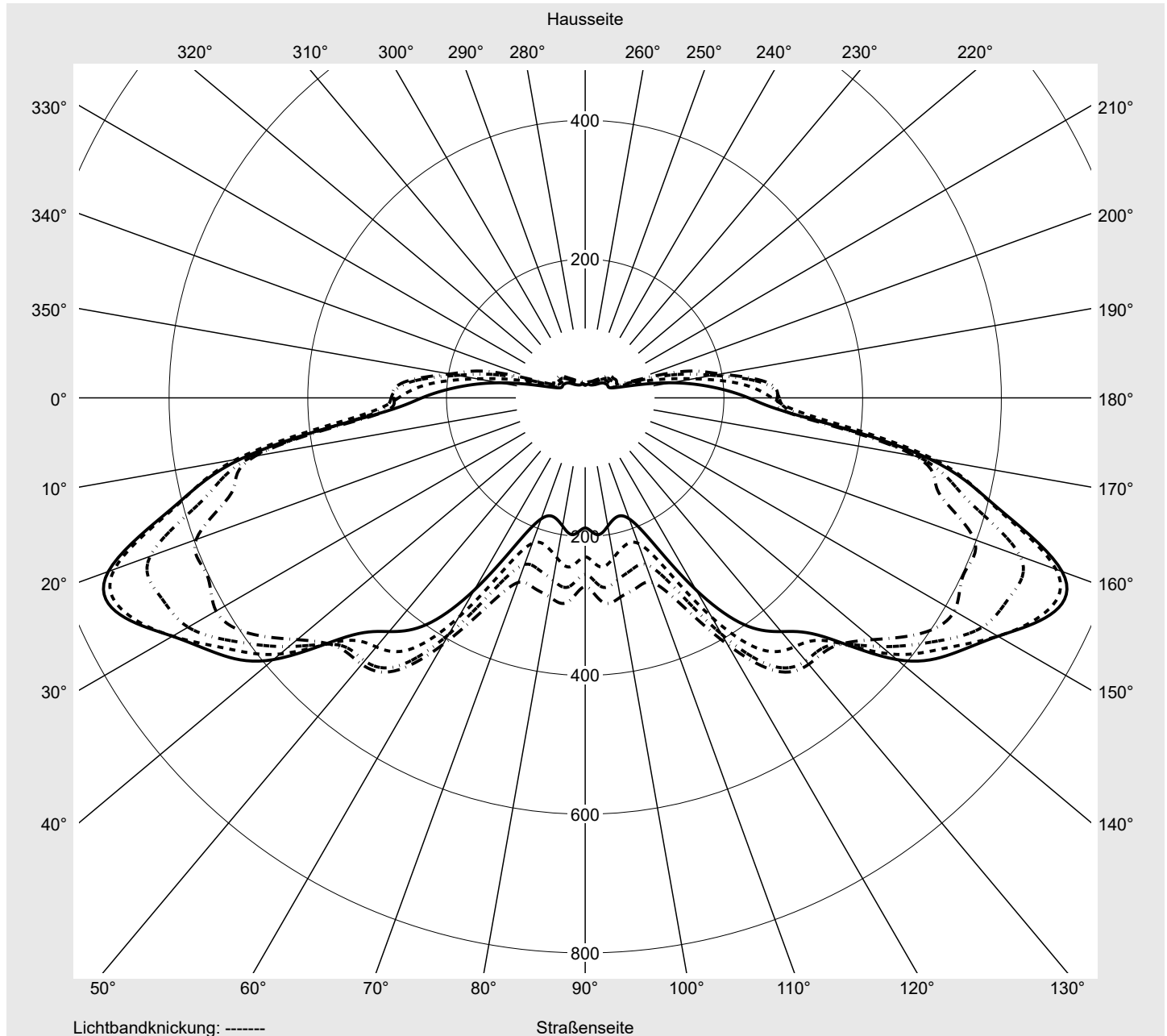
KMK 60°

KMK 57,5°

KMK 55°

KMK 52,5°

siteco



Lichttechnischer Prüfbefund

Familie DL® 30 LED	Bestell-Nr.: 5XA5132E1B08A5 EAN: 4058352058855	LP-Nummer 57203_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°	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5
2,5°	208.9	209.8	210.8	212.2	211.9	212.9	213.9	216.2	217.5	217.3	218.1	218.4	218.8
5,0°	210.1	211.9	213.5	215.6	216.0	217.5	219.3	222.5	225.4	225.8	227.7	228.9	230.6
7,5°	220.3	222.2	223.9	225.5	225.5	226.8	228.8	232.3	235.3	236.9	240.2	242.7	245.5
10,0°	231.9	235.4	238.3	241.1	241.7	243.0	244.1	247.8	250.0	251.3	255.0	257.8	262.0
12,5°	231.0	236.8	242.4	248.1	250.9	254.7	258.0	262.2	264.7	265.9	269.0	271.1	275.8
15,0°	217.6	223.9	231.1	239.6	246.0	252.7	258.7	266.2	271.2	274.5	277.9	279.8	284.1
17,5°	214.4	221.5	228.9	236.3	240.9	245.4	251.9	259.5	266.8	273.6	280.5	283.8	288.7
20,0°	217.6	229.8	240.9	250.7	254.1	255.3	254.0	254.7	259.9	268.4	278.3	286.3	293.8
22,5°	221.2	236.9	248.7	257.3	261.7	268.4	271.6	266.2	261.9	267.2	277.7	290.5	302.2
25,0°	224.3	235.1	243.8	253.8	261.4	270.6	281.0	286.8	283.2	279.8	285.4	298.2	313.3
27,5°	235.7	244.2	253.2	259.8	266.0	274.8	284.9	297.5	309.8	309.9	305.3	311.4	326.7
30,0°	247.0	263.2	275.4	285.1	288.6	288.7	296.7	308.6	324.9	339.0	337.2	333.7	341.8
32,5°	231.1	272.8	280.5	291.7	304.3	314.2	321.3	330.1	341.1	357.2	370.3	364.4	358.7
35,0°	225.8	269.6	296.0	306.8	313.9	325.8	346.3	363.0	370.3	376.1	392.1	399.1	379.5
37,5°	244.5	270.6	327.1	332.8	335.9	346.6	364.2	385.7	402.1	407.2	407.2	422.7	403.4
40,0°	252.7	265.6	334.6	353.7	374.6	383.1	391.2	411.7	427.9	436.0	438.0	432.3	421.8
42,5°	262.9	269.3	347.8	363.5	386.9	411.1	435.1	442.3	448.9	463.5	459.0	451.9	429.2
45,0°	271.3	283.8	381.6	403.2	420.2	428.3	453.8	489.1	487.8	478.2	478.5	466.7	432.2
47,5°	274.2	296.7	430.5	458.7	476.2	464.2	498.0	517.5	523.0	492.8	490.6	470.7	437.7
50,0°	274.5	308.6	479.9	498.9	537.8	522.1	562.3	559.3	529.2	503.7	496.1	478.3	423.7
52,5°	276.8	311.3	483.1	527.7	597.0	602.0	614.7	591.7	542.1	506.8	501.3	480.7	410.7
55,0°	279.8	322.1	488.0	571.5	667.6	676.4	661.1	612.9	557.7	503.5	494.8	472.1	393.6
57,5°	269.3	338.3	511.2	613.9	722.5	731.9	686.9	630.1	574.3	495.5	468.7	443.0	365.4
60,0°	235.6	316.5	502.6	617.5	731.7	739.7	687.2	644.0	586.9	487.1	439.7	398.8	319.9
62,5°	190.2	281.1	455.2	564.8	675.5	729.6	680.7	645.1	585.1	477.3	413.8	357.4	274.9
65,0°	166.6	253.1	410.4	472.1	598.3	731.9	688.5	613.0	540.2	444.5	374.2	316.6	228.9
67,5°	160.2	254.4	398.9	427.1	533.2	690.5	637.5	542.1	478.6	378.9	307.8	246.6	181.3
70,0°	174.6	264.2	362.3	396.9	472.4	572.8	535.4	445.7	357.4	276.2	233.2	204.6	148.7
72,5°	132.5	215.9	279.5	319.3	363.5	407.8	385.1	290.8	227.0	184.0	170.6	157.3	102.8
75,0°	93.3	128.6	163.5	192.9	203.8	213.3	208.9	157.4	130.4	113.5	102.2	98.5	64.5
77,5°	45.1	56.8	72.8	86.3	88.9	91.7	103.9	97.6	84.9	67.4	52.1	49.1	32.9
80,0°	22.1	25.2	30.3	40.2	43.3	42.7	53.3	60.7	49.7	35.6	27.7	23.0	17.4
82,5°	11.9	13.6	15.9	19.6	22.8	25.7	29.2	29.5	24.5	20.5	16.8	14.5	12.5
85,0°	8.6	9.5	10.5	12.3	14.1	15.6	16.5	16.5	14.8	12.8	11.3	10.2	9.2
87,5°	6.1	6.7	7.3	8.0	8.9	9.6	10.1	9.9	9.3	8.6	7.9	7.3	6.5
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
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
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
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
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
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
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°	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5
2,5°	220.2	220.0	218.5	217.9	220.2	221.1	209.9	211.4	212.7	210.1	207.3	206.4	208.9
5,0°	233.1	233.8	232.8	233.1	235.1	236.2	210.4	211.4	211.9	208.9	205.3	203.8	205.8
7,5°	249.5	251.5	251.6	252.2	255.2	255.8	219.7	219.7	218.7	213.8	208.0	204.4	204.3
10,0°	267.5	271.2	272.5	274.6	277.9	278.6	230.3	228.9	226.2	219.9	211.6	204.7	201.3
12,5°	282.8	289.0	292.9	296.7	301.8	302.7	226.8	223.6	220.0	213.3	204.4	197.0	192.1
15,0°	292.1	301.8	309.5	316.7	322.8	324.3	212.2	207.9	202.7	195.5	187.1	180.7	175.2
17,5°	296.7	308.1	319.1	329.1	337.2	338.6	209.0	203.4	194.9	183.8	172.2	164.7	158.7
20,0°	301.5	311.6	322.4	332.6	340.3	341.8	207.7	199.8	190.3	177.0	161.3	150.1	141.7
22,5°	309.3	317.0	324.6	332.2	337.5	338.0	204.4	192.9	186.0	175.2	156.8	140.5	128.3
25,0°	322.1	325.9	328.6	332.8	334.8	334.4	205.3	184.9	174.2	166.8	150.9	130.6	113.6
27,5°	336.0	334.6	332.2	332.3	332.5	334.7	221.4	196.4	172.4	161.1	148.2	124.6	100.7
30,0°	349.2	343.0	333.7	332.3	334.7	335.0	228.9	202.8	175.5	156.1	142.6	115.9	88.0
32,5°	354.6	347.0	329.7	321.9	325.5	334.7	198.5	175.1	157.9	156.5	136.9	103.3	73.6
35,0°	358.6	342.0	321.3	315.6	316.6	309.2	213.2	179.2	154.9	140.5	132.6	89.3	62.6
37,5°	364.1	337.7	323.9	320.3	322.5	287.5	227.0	193.0	159.2	141.5	124.3	75.8	59.2
40,0°	368.7	337.2	323.9	323.1	324.8	292.6	234.3	194.8	163.8	139.8	110.7	66.9	59.0
42,5°	376.8	334.1	323.0	324.2	326.5	294.0	251.6	199.0	161.9	131.9	92.4	63.3	59.8
45,0°	378.9	328.9	320.3	322.8	323.6	293.5	266.3	208.4	161.3	120.2	75.5	62.9	59.9
47,5°	370.9	320.3	314.1	317.8	319.9	289.9	267.6	209.5	161.0	104.4	64.2	61.0	58.3
50,0°	354.1	304.3	301.9	307.5	310.4	283.7	265.6	204.6	157.6	84.3	55.8	56.7	54.2
52,5°	329.7	283.2	284.0	291.7	295.8	272.1	261.9	198.2	147.6	67.2	49.8	51.3	49.4
55,0°	299.4	255.6	256.8	266.8	273.4	254.3	255.2	187.1	126.8	54.4	45.4	46.4	44.8
57,5°	268.7	223.1	220.5	234.1	244.3	229.1	226.8	158.3	97.6	46.3	41.2	41.8	40.4
60,0°	230.1	185.6	177.4	187.7	197.9	187.5	182.3	125.4	68.1	42.4	36.9	36.9	35.6
62,5°	187.5	149.1	137.8	138.3	145.4	137.4	138.9	94.4	49.7	38.6	33.7	32.5	30.6
65,0°	152.5	112.6	97.5	94.1	94.7	88.1	110.5	71.8	47.6	38.0	31.7	29.5	26.9
67,5°	122.0	83.8	63.1	58.8	57.6	55.2	107.7	66.2	49.8	37.4	30.0	26.9	23.6
70,0°	95.0	61.6	40.8	37.4	35.8	33.5	109.3	66.9	50.4	34.7	28.6	24.3	20.5
72,5°	62.3	38.4	27.2	24.6	23.4	22.6	72.7	51.3	42.0	31.0	27.6	22.3	18.7
75,0°	33.4	22.1	19.7	18.7	17.8	17.5	52.4	38.4	33.1	27.4	24.6	20.5	17.7
77,5°	19.1	15.9	14.8	14.4	13.9	13.9	33.1	28.2	24.5	21.2	18.7	17.4	15.6
80,0°	14.2	12.5	11.7	11.1	10.8	10.7	18.0	17.5	16.0	14.1	13.2	12.5	11.1
82,5°	10.8	9.8	9.1	8.8	8.6	8.6	10.7	9.9	9.8	9.5	9.2	8.8	8.3
85,0°	8.3	7.6	7.0	6.8	6.8	6.8	7.7	7.3	6.8	6.7	6.4	6.1	5.9
87,5°	6.1	5.6	5.5	5.3	5.2	5.3	5.6	5.3	5.2	5.2	4.9	4.7	4.5
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
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
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
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
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
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
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°	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	0.3	0.3
2,5°	210.2	208.7	207.6	208.4	207.9	206.5	207.6	208.4	209.3	209.5	208.0	2.5	2.9
5,0°	207.0	204.9	204.1	205.2	204.4	203.4	204.6	205.9	206.8	207.0	205.6	5.2	8.0
7,5°	203.3	199.7	197.9	198.7	198.1	197.2	198.8	200.4	201.9	202.2	201.2	7.9	15.9
10,0°	197.0	190.6	186.5	185.9	184.9	184.4	186.3	188.4	190.5	190.9	190.2	10.9	26.8
12,5°	185.0	176.1	169.4	167.1	165.9	165.6	167.3	169.3	171.1	171.7	170.9	13.5	40.3
15,0°	166.2	155.6	147.5	144.2	142.9	142.6	143.6	144.9	146.1	146.3	146.0	15.7	56.0
17,5°	147.2	133.7	124.2	120.8	119.4	119.0	119.0	119.4	119.9	119.7	119.0	17.5	73.5
20,0°	127.7	112.6	103.3	100.4	98.7	97.6	97.0	96.4	96.0	95.5	95.0	19.3	92.8
22,5°	110.4	93.3	85.9	84.0	81.7	80.3	78.8	77.4	76.6	75.7	75.1	21.2	114.1
25,0°	93.8	78.2	74.0	71.7	69.1	67.1	65.0	63.1	61.6	60.7	60.2	23.1	137.2
27,5°	79.7	68.7	66.3	63.5	60.5	57.7	54.7	52.2	50.6	49.7	49.3	25.6	162.7
30,0°	69.1	63.9	61.6	58.5	54.7	50.6	46.7	44.1	42.4	41.5	41.2	28.4	191.1
32,5°	63.3	60.7	57.6	54.2	50.0	45.1	40.7	38.0	36.3	35.5	35.3	30.6	221.7
35,0°	61.0	58.2	54.6	50.6	46.0	40.7	35.8	33.2	31.7	30.7	30.3	33.2	254.9
37,5°	59.8	56.4	52.1	47.5	42.9	37.2	32.9	30.9	29.5	28.2	26.4	36.5	291.4
40,0°	59.3	55.6	50.3	45.3	40.4	34.9	31.0	29.4	27.9	26.6	24.6	39.8	331.2
42,5°	59.6	54.9	48.7	43.3	38.1	33.2	29.8	28.2	26.9	25.4	23.7	43.0	374.3
45,0°	59.8	54.0	46.9	41.2	36.1	31.6	28.8	27.2	25.8	24.5	22.8	46.5	420.8
47,5°	57.7	51.8	44.4	39.2	34.4	30.3	27.7	26.3	25.1	23.6	22.0	50.1	470.8
50,0°	53.4	47.9	41.2	36.3	32.3	28.6	26.6	25.2	24.0	22.7	21.4	53.2	524.0
52,5°	48.7	43.8	37.5	33.2	29.8	27.0	25.2	24.2	23.3	22.0	20.8	55.7	579.7
55,0°	43.8	39.3	33.7	29.8	27.2	24.9	23.7	23.1	22.3	21.1	19.9	57.6	637.3
57,5°	38.9	34.6	29.7	26.4	24.5	22.7	22.0	21.7	21.1	20.0	19.0	58.3	695.7
60,0°	33.5	29.7	25.7	23.1	21.5	20.5	20.0	20.2	19.9	18.8	18.1	56.4	752.0
62,5°	28.3	25.2	22.1	20.0	19.0	18.2	18.2	18.4	18.2	17.5	16.9	52.6	804.7
65,0°	24.3	21.7	19.3	17.8	16.9	16.3	16.3	16.6	16.6	16.0	15.4	48.2	852.8
67,5°	21.2	19.1	17.1	15.7	15.1	14.5	14.7	14.8	14.8	14.2	13.9	43.3	896.2
70,0°	18.7	16.9	15.1	14.1	13.4	12.9	12.9	12.9	12.8	12.5	12.2	37.3	933.5
72,5°	16.5	14.7	13.1	12.2	11.6	11.1	10.8	10.8	10.7	10.4	10.4	27.7	961.2
75,0°	15.0	13.1	11.4	10.4	9.9	9.5	9.2	9.1	8.9	8.6	8.3	17.0	978.2
77,5°	13.4	11.1	9.6	8.9	8.3	7.9	7.6	7.3	7.1	6.8	6.8	9.4	987.6
80,0°	10.5	9.2	8.0	7.1	6.7	6.4	5.9	5.6	5.5	5.3	5.3	5.3	992.9
82,5°	7.6	7.0	6.2	5.6	5.3	5.0	4.7	4.5	4.2	4.2	3.9	3.3	996.2
85,0°	5.5	5.0	4.7	4.5	4.2	3.9	3.6	3.6	3.3	3.3	3.3	2.2	998.4
87,5°	4.2	4.0	3.7	3.6	3.3	3.3	3.0	3.0	2.7	2.7	2.7	1.6	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
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	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
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	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
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	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.: 5XA5132E1B08A5 EAN: 4058352058855	LP-Nummer 57203_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	4680	43.4	44.8	44.1
95	241	4440	40.8	42.1	41.4
90	229	4219	38.4	39.6	39.0
85	216	3980	35.9	37.0	36.4
80	203	3740	33.4	34.5	34.0
75	190	3501	31.0	32.0	31.5
70	178	3280	28.9	29.8	29.4
65	165	3040	26.6	27.4	27.0
60	152	2801	24.3	25.1	24.7
55	140	2580	22.3	23.0	22.6
50	127	2340	20.1	20.7	20.4
45	114	2100	18.1	18.6	18.4
40	102	1879	16.2	16.6	16.4
35	89	1640	14.1	14.5	14.3
30	76	1400	12.1	12.4	12.2
25	63	1161	10.1	10.3	10.2
20	51	940	8.2	8.4	8.3
20	50	921	8.1	8.2	8.1