

Lichttechnischer Prüfbefund

Familie
DL® 30 LED

Bestell-Nr.: 5XA5132R1B08A4
EAN: 4058352059357

LP-Nummer
57204_8



Ausführung	Mastaufsatz-Montage
Optik	symmetrisch, breit strahlend (PL1.2s)
Abdeckung	Abdeckung PMMA, schlagfest, IK08
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG Plus
Bemessungswerte	Nettolichtstrom = 3540 lm Systemleistung = 27.9 W Lichtausbeute = 126.9 lm/W

Seriendokumentation
18.11.2020

siteco

Lichtstärke in cd/klm

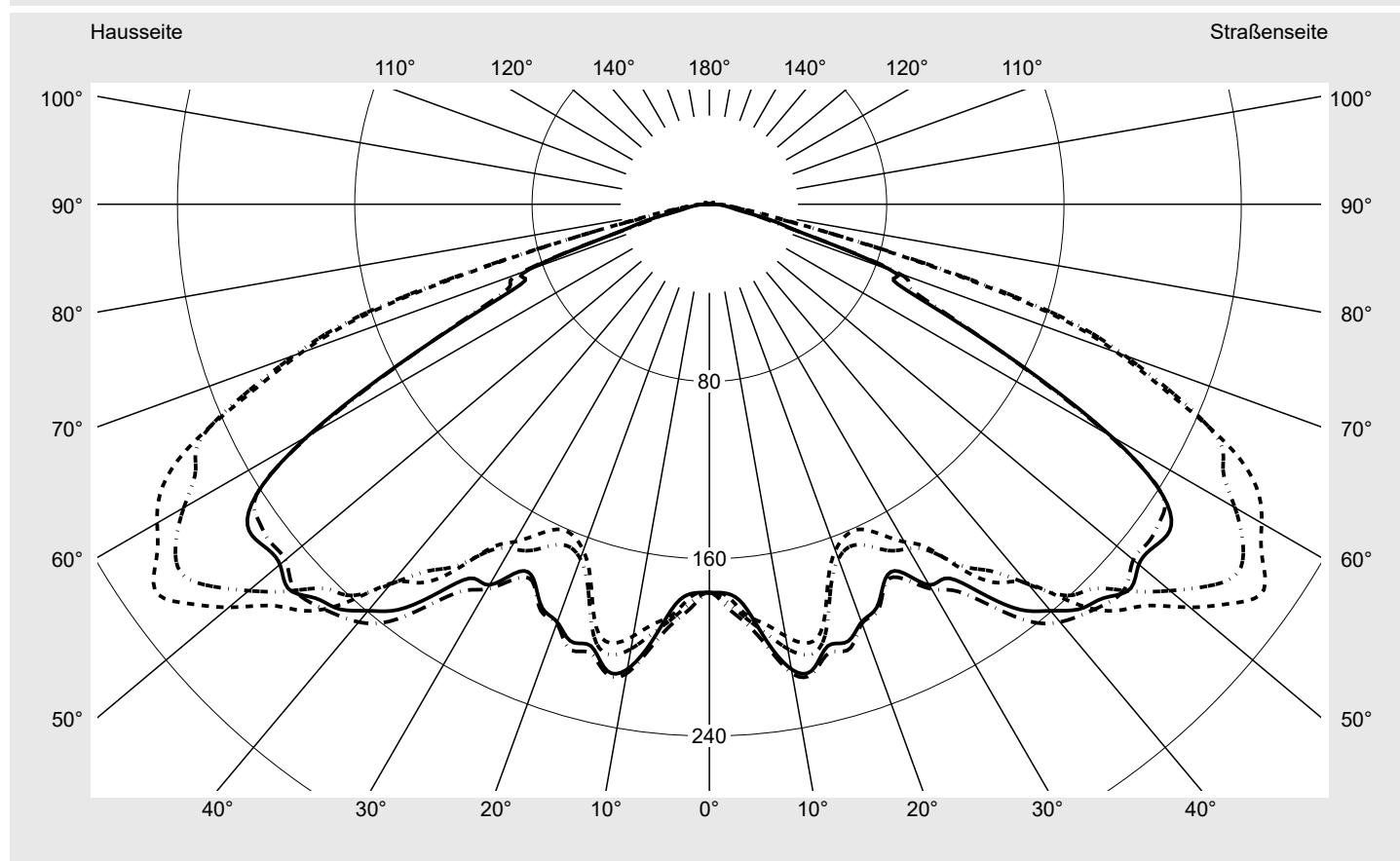
C180-0

C235-55

C240-60

C270-90

Imax: 305 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G6
Imax 70°	206.2
Imax 80°	25.2
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

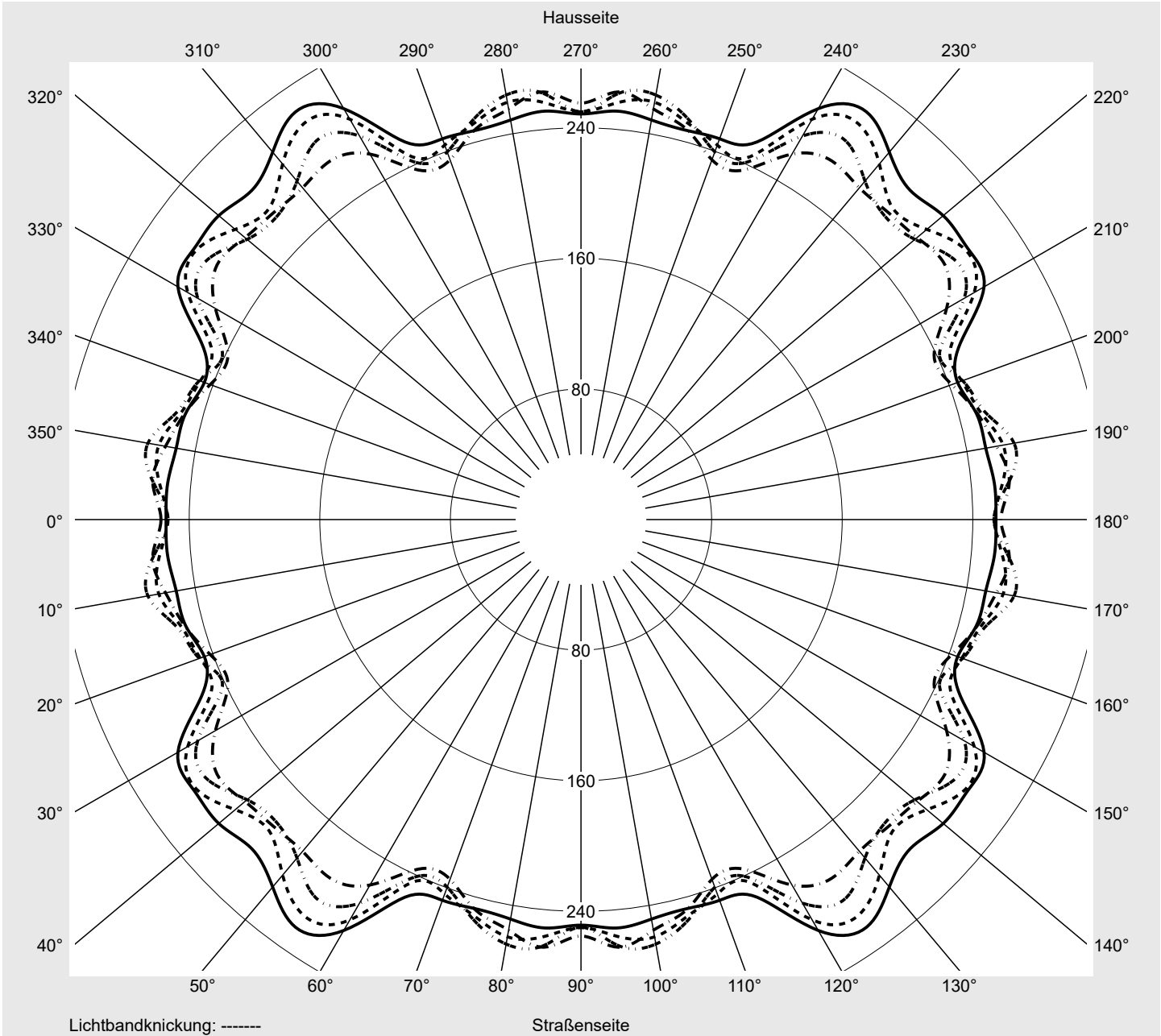
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 55°** **KMK 52,5°** **KMK 50°** **KMK 47,5°** **siteco**



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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	0° 180°	5°	10°	15°	20°	25°	30°	35°	40°	45°	
		175° 185° 355°	170° 190° 350°	165° 195° 345°	160° 200° 340°	155° 205° 335°	150° 210° 330°	145° 215° 325°	140° 220° 320°	135° 225° 315°	
γ		Lichtstärke in cd/klm									
0,0°	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3
2,5°	175.8	176.6	178.0	178.3	176.7	176.6	176.5	177.7	177.3	176.5	176.5
5,0°	182.0	182.7	184.5	185.2	185.2	186.0	186.2	186.4	185.8	185.3	185.3
7,5°	199.0	199.1	198.8	197.0	193.9	193.7	192.9	192.3	191.1	190.3	190.3
10,0°	213.1	214.9	214.4	213.1	209.9	206.9	202.5	202.7	199.5	195.9	195.9
12,5°	215.2	216.1	216.6	216.1	215.5	212.5	208.2	205.5	203.5	200.9	200.9
15,0°	206.4	206.1	208.6	207.5	204.6	200.5	197.9	196.0	194.3	191.8	191.8
17,5°	207.0	205.9	203.3	199.6	190.4	186.2	181.0	179.2	179.3	178.7	178.7
20,0°	200.7	200.2	196.4	192.0	183.5	173.9	167.4	165.7	165.9	163.4	163.4
22,5°	197.1	195.2	190.2	187.5	181.7	173.6	166.3	159.7	153.5	149.8	149.8
25,0°	187.2	185.5	181.2	182.1	179.1	173.9	168.2	162.0	151.1	145.5	145.5
27,5°	187.1	185.0	182.5	182.0	181.2	181.7	175.6	166.1	161.1	158.9	158.9
30,0°	198.4	198.3	195.7	193.1	188.1	186.2	181.9	176.8	172.1	173.4	173.4
32,5°	200.1	199.2	197.6	198.1	199.8	196.3	188.7	188.7	185.8	183.7	183.7
35,0°	214.4	211.9	204.4	203.1	205.9	208.3	206.7	202.4	198.4	196.9	196.9
37,5°	230.7	227.9	219.7	217.8	219.6	213.3	214.8	219.9	213.7	213.0	213.0
40,0°	239.5	233.8	224.3	224.4	232.2	229.8	226.7	227.4	233.3	232.9	232.9
42,5°	247.7	242.7	231.8	228.2	232.9	233.2	243.4	248.3	245.9	255.0	255.0
45,0°	251.4	254.1	247.3	238.4	235.6	232.5	250.5	263.4	266.3	260.4	260.4
47,5°	257.3	263.4	258.4	251.3	241.7	238.6	258.6	272.1	268.7	266.1	266.1
50,0°	252.9	263.1	269.4	255.9	248.8	242.4	271.1	278.5	267.0	263.1	263.1
52,5°	253.4	259.3	262.6	253.5	248.2	249.9	278.1	287.7	276.5	270.0	270.0
55,0°	254.2	254.2	251.8	250.8	245.5	256.6	285.1	289.4	289.7	285.2	285.2
57,5°	241.3	245.5	238.6	234.2	249.7	271.1	281.5	284.9	286.9	273.7	273.7
60,0°	209.2	214.1	220.3	216.2	240.1	262.6	273.9	280.7	277.5	264.9	264.9
62,5°	161.9	169.1	185.4	193.0	217.2	253.9	262.7	275.0	270.6	259.3	259.3
65,0°	116.7	122.5	146.1	154.2	180.5	245.1	260.0	257.0	255.9	250.9	250.9
67,5°	90.0	100.7	121.4	131.1	152.1	222.5	235.6	229.4	231.6	223.1	223.1
70,0°	87.7	98.1	120.8	126.4	142.0	186.9	206.2	194.5	184.6	173.9	173.9
72,5°	48.3	69.1	92.2	103.3	124.0	151.4	173.6	146.7	124.0	120.7	120.7
75,0°	31.7	39.1	49.9	54.3	72.3	83.8	100.1	90.5	87.1	77.3	77.3
77,5°	16.8	18.3	20.7	22.6	23.1	27.3	43.8	50.7	50.0	40.7	40.7
80,0°	11.0	11.1	11.6	12.2	13.0	14.1	17.1	24.6	22.9	18.2	18.2
82,5°	8.4	8.5	8.9	9.5	10.3	10.9	11.3	12.0	11.6	11.8	11.8
85,0°	6.2	6.2	6.6	7.1	7.7	8.2	8.5	8.4	8.1	8.2	8.2
87,5°	4.2	4.3	4.6	5.1	5.7	6.3	6.6	6.5	6.4	6.4	6.4
90,0°	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
120,0°	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
150,0°	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
180,0°	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	50°	55°	60°	65°	70°	75°	80°	85°	90°	Phi-Zone	Summe Phi-Zone	
	130°	125°	120°	115°	110°	105°	100°	95°				
	230°	235°	240°	245°	250°	255°	260°	265°	270°			
	310°	305°	300°	295°	290°	285°	280°	275°				
γ	Lichtstärke in cd/klm										Lichtstrom in lm/klm	
0,0°	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	175.3	0.3	0.3
2,5°	175.8	176.8	179.5	180.1	179.7	180.9	182.6	182.6	182.0	182.0	2.1	2.4
5,0°	184.3	185.6	187.4	187.9	186.5	187.9	189.9	189.7	189.9	189.9	4.5	6.8
7,5°	188.6	190.9	195.3	197.5	197.2	199.8	201.5	201.7	201.6	201.6	7.0	13.8
10,0°	194.5	197.9	203.8	208.5	209.2	211.8	214.9	216.0	215.1	215.1	9.9	23.7
12,5°	199.4	202.9	208.2	209.8	212.7	215.0	215.4	215.7	216.6	216.6	12.5	36.2
15,0°	192.3	197.4	201.6	203.2	205.5	206.9	209.5	210.5	209.5	209.5	14.4	50.6
17,5°	178.0	178.1	181.9	187.1	192.4	199.3	205.6	209.3	210.4	210.4	15.8	66.3
20,0°	163.3	166.3	170.3	176.8	185.4	192.9	200.1	203.4	201.3	201.3	17.0	83.4
22,5°	153.6	161.6	167.0	174.4	184.1	190.4	196.2	198.6	198.7	198.7	18.5	101.9
25,0°	150.5	161.9	170.2	177.1	184.5	184.8	184.3	186.4	188.3	188.3	20.1	122.0
27,5°	159.1	168.1	176.3	181.7	185.4	183.9	186.7	190.4	190.8	190.8	22.5	144.4
30,0°	175.0	175.9	179.4	188.5	192.3	194.1	200.1	202.5	200.5	200.5	25.7	170.1
32,5°	190.6	184.1	185.7	199.4	201.9	199.9	202.6	207.8	206.9	206.9	28.8	198.9
35,0°	198.6	202.7	199.4	206.9	207.5	205.9	209.5	219.7	221.1	221.1	32.4	231.2
37,5°	210.7	215.4	208.6	214.4	218.8	218.5	224.7	236.6	237.3	237.3	36.5	267.8
40,0°	231.4	223.2	223.9	226.0	227.4	223.8	229.2	242.1	246.1	246.1	40.5	308.2
42,5°	241.7	244.4	239.6	231.9	226.7	227.2	235.2	248.4	250.6	250.6	44.3	352.5
45,0°	260.5	259.4	245.3	236.1	227.4	234.9	245.6	258.1	254.3	254.3	48.1	400.7
47,5°	265.3	268.1	258.5	236.3	234.5	248.0	255.4	263.0	255.1	255.1	51.7	452.4
50,0°	270.6	283.0	271.3	241.7	239.6	254.0	264.1	262.0	249.7	249.7	54.8	507.2
52,5°	284.3	296.1	283.2	245.3	244.1	251.6	259.6	256.3	250.0	250.0	57.5	564.7
55,0°	293.8	304.9	290.7	255.3	248.2	247.0	248.5	251.2	248.5	248.5	59.9	624.5
57,5°	288.1	295.6	285.5	272.3	251.8	234.3	236.6	244.7	241.5	241.5	60.6	685.1
60,0°	280.5	287.7	273.8	270.9	239.7	213.9	217.3	211.0	207.8	207.8	58.7	743.8
62,5°	274.7	278.7	261.4	252.0	217.4	191.7	179.9	165.5	160.5	160.5	55.0	798.8
65,0°	256.5	258.9	254.3	242.9	183.2	154.8	143.2	125.5	120.1	120.1	49.8	848.6
67,5°	232.2	226.0	229.8	218.5	158.5	127.8	117.8	103.6	97.6	97.6	44.4	893.0
70,0°	185.1	196.0	199.4	173.9	140.2	124.9	109.0	94.5	90.9	90.9	39.3	932.3
72,5°	135.8	156.2	161.6	135.9	114.4	92.0	75.4	59.6	48.7	48.7	30.3	962.6
75,0°	76.2	88.2	92.0	74.9	67.4	50.0	45.1	33.2	27.6	27.6	17.8	980.4
77,5°	38.8	42.2	39.9	29.5	26.1	24.3	21.8	18.8	18.0	18.0	8.3	988.7
80,0°	25.2	23.6	19.5	16.4	15.7	14.9	14.2	13.6	13.4	13.4	4.5	993.2
82,5°	12.1	13.0	12.5	12.5	12.3	11.6	10.8	10.3	10.1	10.1	3.0	996.2
85,0°	8.6	9.0	9.4	9.4	9.0	8.4	7.7	7.3	7.2	7.2	2.2	998.4
87,5°	6.6	6.9	7.0	6.8	6.3	5.8	5.2	4.8	4.7	4.7	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	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	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	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	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	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	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	1000.0

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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	3540	27.9	28.5	28.2
95	241	3359	26.4	26.9	26.6
90	229	3192	25.1	25.6	25.4
85	216	3010	23.7	24.1	23.9
80	203	2829	22.2	22.6	22.4
75	190	2648	20.8	21.2	21.0
70	178	2481	19.5	19.9	19.7
65	165	2300	18.1	18.5	18.3
60	152	2118	16.8	17.1	17.0
55	140	1951	15.5	15.8	15.6
50	127	1770	14.1	14.3	14.2
45	114	1589	12.8	13.0	12.9
40	102	1422	11.6	11.8	11.7
35	89	1240	10.3	10.5	10.4
30	76	1059	8.9	9.1	9.0
25	64	892	7.7	7.9	7.8