

Lichttechnischer Prüfbefund

Familie
DL® 30 LED

Bestell-Nr.: 5XA5132J1B08A5
EAN: 4058352059012

LP-Nummer
57205_7



Ausführung	Mastaufsatz-Montage
Optik	symmetrisch, breit strahlend (PL1.2s)
Abdeckung	Abdeckung PMMA, schlagfest, IK08
Bestückung	LED 3000 K CRI ≥ 80
Betriebsgerät	EVG Plus
Bemessungswerte	Nettolichtstrom = 5780 lm Systemleistung = 52.0 W Lichtausbeute = 111.2 lm/W

Seriendokumentation
18.11.2020

siteco

Lichtstärke in cd/klm

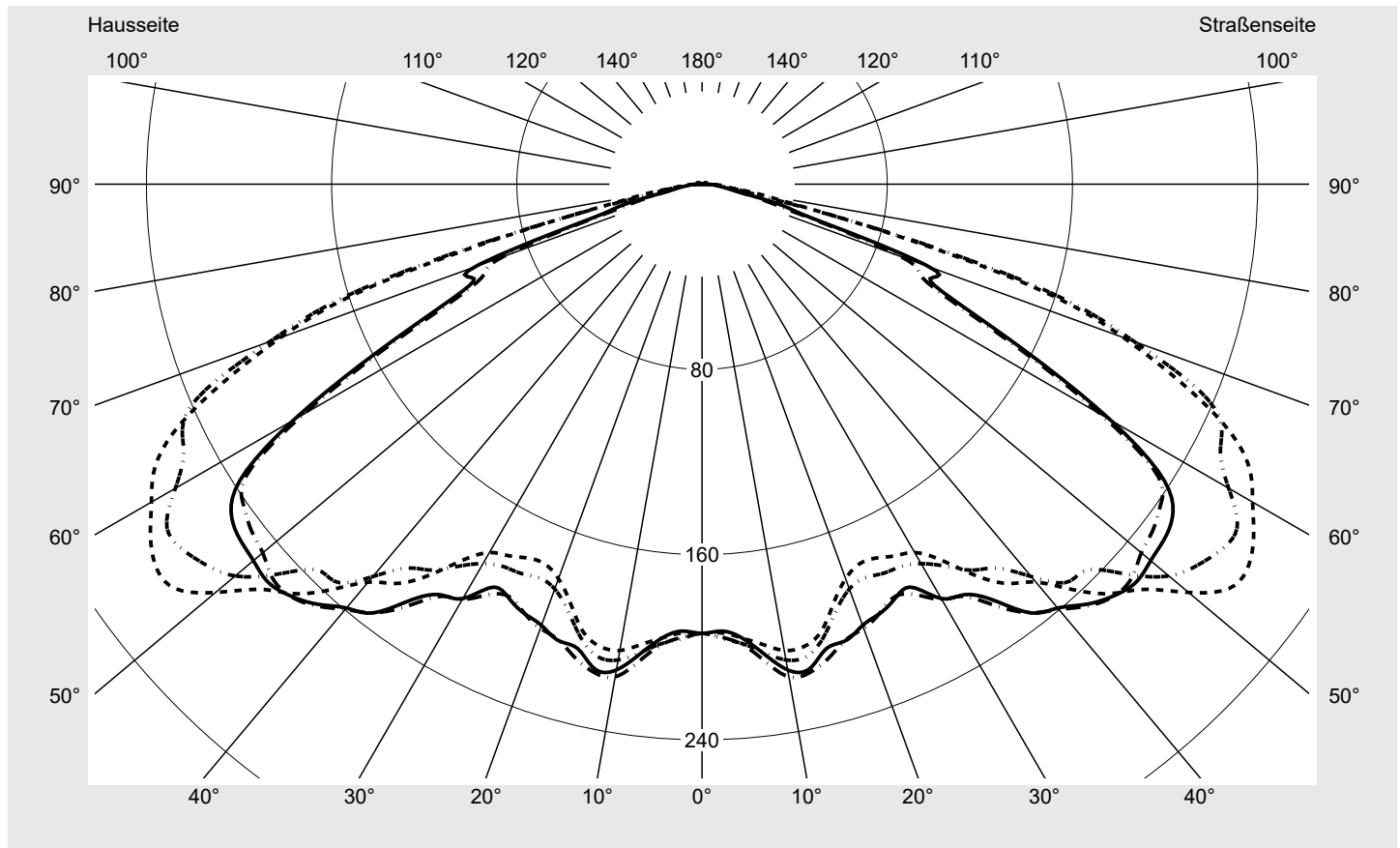
C180-0

C235-55

C240-60

C270-90

Imax: 288 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G6
Imax 70°	198.5
Imax 80°	25.7
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

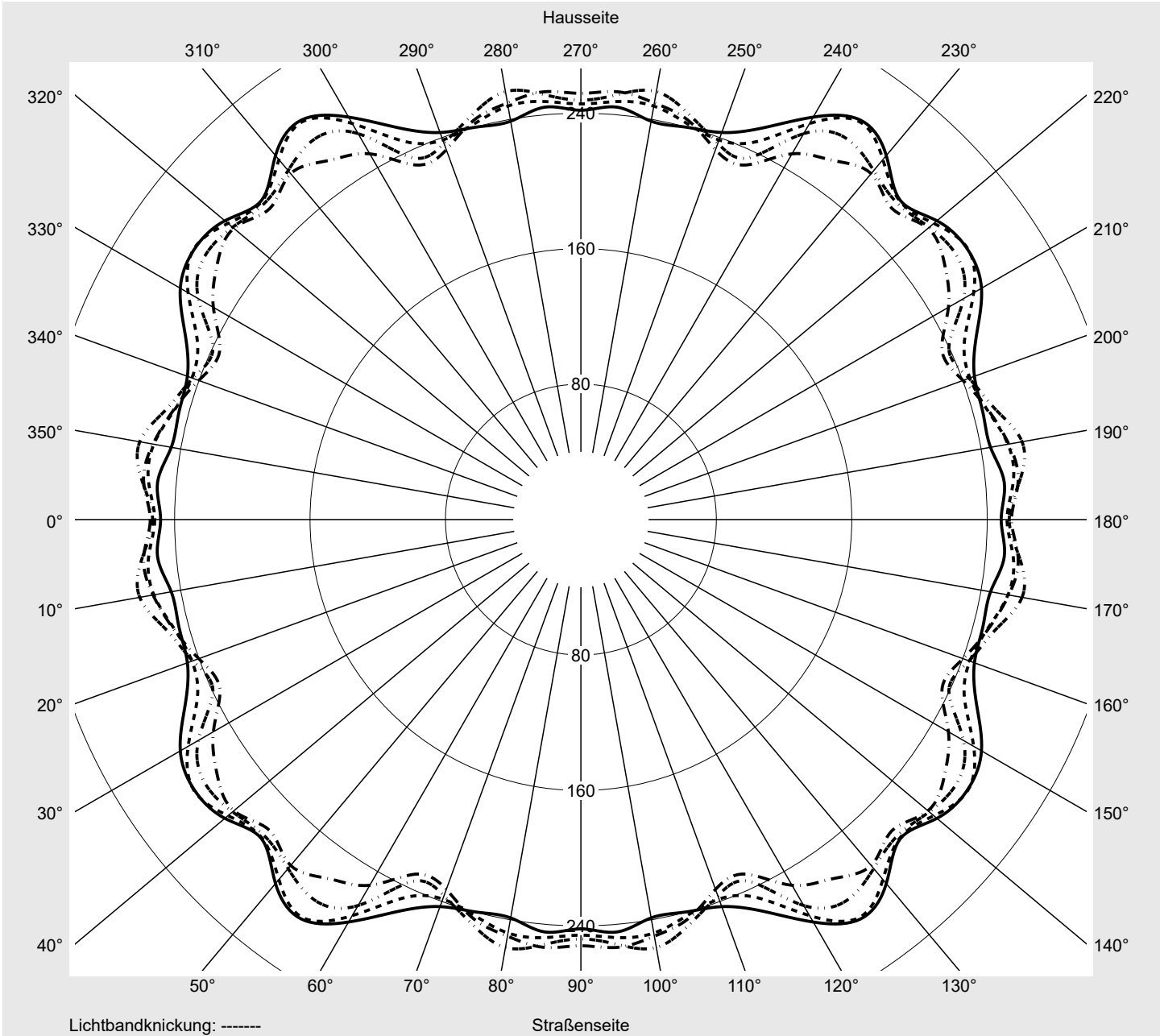
Messbedingungen

DIN EN 13032 und DIN 5032

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



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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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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°
		Lichtstärke in cd/mkm								
γ										
0,0°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
2,5°	193.2	194.0	195.2	195.5	194.4	194.4	194.5	195.8	195.8	194.7
5,0°	196.7	197.4	198.7	198.8	197.6	197.0	197.1	198.3	198.3	197.2
7,5°	204.6	205.0	206.1	205.8	203.9	202.6	201.6	202.1	201.8	200.3
10,0°	213.0	213.7	214.7	213.9	211.2	208.7	206.2	205.7	204.9	203.1
12,5°	214.4	214.8	215.5	214.8	211.7	209.4	206.5	205.9	205.2	203.1
15,0°	207.6	208.0	208.5	207.0	204.1	201.9	199.4	199.7	199.6	198.3
17,5°	206.7	206.4	205.7	202.9	197.3	193.4	190.4	190.5	189.9	187.4
20,0°	202.8	203.1	202.6	200.2	194.5	189.2	184.1	181.3	177.6	174.4
22,5°	200.7	199.8	198.8	197.0	192.9	189.5	184.0	177.0	169.8	165.3
25,0°	197.4	195.6	193.2	193.0	191.2	189.4	184.6	177.9	170.9	166.0
27,5°	196.3	195.5	192.9	191.7	191.7	192.5	186.1	179.5	178.0	175.6
30,0°	206.7	205.5	203.1	199.7	197.6	196.8	191.4	185.6	184.4	187.3
32,5°	210.3	207.5	204.9	206.2	207.6	204.5	198.5	195.4	194.2	194.7
35,0°	219.3	218.0	211.7	209.6	212.6	211.8	210.0	206.7	206.5	203.1
37,5°	233.4	231.9	224.9	220.5	221.4	216.0	217.1	220.5	215.8	218.9
40,0°	239.0	235.6	227.7	224.7	230.4	227.9	225.0	228.3	229.8	232.9
42,5°	246.0	243.2	233.1	228.2	231.6	230.9	238.3	238.4	241.6	245.4
45,0°	251.5	253.0	244.9	236.5	234.7	231.6	239.9	254.4	255.4	254.2
47,5°	254.4	259.3	256.7	249.2	240.2	235.4	250.7	262.3	267.6	259.8
50,0°	253.0	260.1	264.6	253.1	244.0	239.8	261.0	271.2	268.6	264.3
52,5°	251.7	256.4	256.2	248.8	244.5	250.0	267.9	279.0	272.1	266.2
55,0°	248.3	251.0	245.7	245.8	247.4	257.8	273.2	278.6	274.5	266.7
57,5°	235.8	239.9	235.0	235.0	250.3	266.2	272.4	276.2	271.3	263.0
60,0°	203.7	207.7	213.2	218.9	241.5	258.6	261.4	271.1	268.4	257.5
62,5°	160.7	168.0	181.1	192.6	219.8	246.0	254.2	264.2	261.2	252.2
65,0°	123.0	132.0	150.1	155.1	187.9	237.8	246.8	246.7	245.6	240.6
67,5°	106.7	116.0	130.7	135.4	162.8	215.4	226.6	221.9	221.5	214.6
70,0°	104.7	109.4	119.7	127.2	146.9	182.2	196.9	192.8	179.2	177.4
72,5°	54.5	74.3	94.6	104.6	123.1	146.1	166.9	148.0	126.5	123.4
75,0°	36.9	41.4	52.0	62.3	74.0	82.9	103.7	95.0	89.7	83.0
77,5°	18.6	20.4	22.0	25.2	26.0	29.1	43.9	56.1	50.1	47.8
80,0°	11.8	11.6	12.0	12.5	13.2	14.1	17.8	24.6	23.4	22.7
82,5°	8.4	8.5	8.9	9.5	9.9	10.6	11.1	12.4	12.7	12.8
85,0°	6.1	6.0	6.3	6.8	7.3	7.7	8.0	8.2	8.0	8.2
87,5°	4.1	4.2	4.5	4.9	5.4	5.9	6.2	6.3	6.2	6.3
90,0°	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
120,0°	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
150,0°	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
180,0°	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°			
	310°	305°	300°	295°	290°	285°	280°	275°			
γ	Lichtstärke in cd/klm									Lichtstrom in lm/klm	
0,0°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	0.3	0.3
2,5°	193.3	194.0	196.5	196.4	194.7	195.5	196.6	196.4	195.8	2.3	2.6
5,0°	195.6	196.7	199.2	199.2	197.6	198.9	200.1	199.9	199.6	4.7	7.4
7,5°	198.8	200.5	204.0	204.9	204.3	206.4	208.2	208.3	207.8	7.3	14.7
10,0°	201.5	204.5	208.7	210.8	211.4	214.0	216.2	216.6	216.1	10.0	24.7
12,5°	201.3	204.4	208.9	211.0	212.0	214.3	216.4	216.5	216.0	12.5	37.1
15,0°	196.9	199.7	202.6	204.2	205.6	208.4	211.1	212.0	211.8	14.5	51.6
17,5°	186.2	189.4	192.9	195.4	198.3	202.3	205.8	206.9	206.4	16.2	67.9
20,0°	175.4	181.3	186.1	189.9	196.0	201.6	204.8	205.3	204.2	18.0	85.8
22,5°	169.1	177.5	184.0	190.2	196.7	200.5	201.7	201.5	200.6	19.8	105.6
25,0°	168.3	178.2	185.4	190.4	194.2	193.8	193.8	196.2	196.7	21.6	127.3
27,5°	175.9	180.9	186.1	191.3	194.1	192.9	195.2	198.9	199.9	23.9	151.1
30,0°	185.6	183.7	189.3	197.4	200.3	201.0	205.4	208.5	207.1	26.9	178.0
32,5°	194.8	192.6	195.6	205.3	207.1	204.7	205.5	210.2	211.1	29.8	207.8
35,0°	206.2	206.4	203.5	208.7	209.6	208.1	211.8	220.9	222.6	33.1	240.9
37,5°	217.0	217.4	209.0	212.3	218.2	219.3	225.7	235.0	233.3	36.8	277.7
40,0°	230.4	224.3	221.2	222.4	225.2	222.9	227.6	238.0	239.8	40.3	318.0
42,5°	239.8	237.7	233.2	224.8	224.3	226.5	230.9	244.6	247.0	43.6	361.6
45,0°	256.0	250.1	235.5	226.8	226.2	233.4	239.8	251.8	251.6	47.1	408.7
47,5°	266.7	259.0	249.4	231.1	232.5	244.2	249.9	253.6	251.7	50.8	459.5
50,0°	269.1	274.3	263.2	235.9	236.5	247.6	256.7	252.0	247.7	53.8	513.3
52,5°	277.5	286.9	270.1	246.4	238.6	242.2	248.0	247.9	245.5	56.1	569.5
55,0°	280.7	288.0	274.5	255.3	243.3	239.9	238.9	244.5	241.7	58.0	627.5
57,5°	276.7	282.5	274.2	266.4	250.7	228.2	227.9	236.2	232.9	58.9	686.4
60,0°	272.9	274.6	262.7	262.9	241.2	215.8	210.3	202.8	199.0	57.3	743.7
62,5°	268.9	266.7	252.4	248.9	220.9	193.1	178.0	162.6	155.9	53.9	797.6
65,0°	246.5	250.8	247.6	237.4	185.5	157.8	147.1	128.6	118.2	49.2	846.8
67,5°	223.9	224.1	232.2	216.1	161.4	136.6	127.2	108.5	101.9	44.7	891.5
70,0°	182.2	193.8	198.5	178.9	142.2	124.3	114.5	98.0	91.5	39.5	931.0
72,5°	135.6	156.0	162.2	139.2	112.5	94.1	76.8	59.6	50.1	30.4	961.5
75,0°	79.8	91.9	97.4	75.9	67.8	52.5	45.6	33.8	29.7	18.6	980.0
77,5°	40.8	43.4	39.2	29.8	26.7	25.1	21.3	19.1	18.1	8.7	988.7
80,0°	25.4	25.7	19.5	16.3	15.5	14.7	13.8	13.3	13.1	4.6	993.4
82,5°	12.3	13.1	12.4	12.1	11.8	11.2	10.4	9.9	9.8	3.0	996.4
85,0°	8.4	8.8	9.1	8.9	8.5	7.9	7.3	6.9	6.8	2.1	998.5
87,5°	6.5	6.7	6.7	6.5	6.0	5.5	5.0	4.7	4.5	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	1000.0
105,0°	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	1000.0
135,0°	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	1000.0
165,0°	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	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	5780	52.0	54.0	53.0
95	241	5484	48.6	50.6	49.6
90	229	5211	45.7	47.5	46.6
85	216	4915	42.7	44.4	43.6
80	203	4619	39.6	41.2	40.4
75	190	4324	36.7	38.1	37.4
70	178	4051	34.1	35.4	34.8
65	165	3755	31.3	32.5	31.9
60	152	3459	28.6	29.6	29.1
55	140	3186	26.2	27.1	26.6
50	127	2890	23.5	24.4	24.0
45	114	2594	21.0	21.7	21.4
40	102	2321	18.8	19.5	19.2
35	89	2025	16.4	16.9	16.6
30	76	1729	13.9	14.4	14.2
25	63	1434	11.6	12.0	11.8
20	51	1161	9.5	9.7	9.6
17	43	979	8.0	8.3	8.2