

## Lichttechnischer Prüfbefund

**Familie**  
**DL® 30 LED**

**Bestell-Nr.: 5XA5132J1B08A4**  
**EAN: 4058352058992**

**LP-Nummer**  
**57204\_7**



<b>Ausführung</b>	Mastaufsatz-Montage
<b>Optik</b>	symmetrisch, breit strahlend (PL1.2s)
<b>Abdeckung</b>	Abdeckung PMMA, schlagfest, IK08
<b>Bestückung</b>	LED 3000 K   CRI ≥ 80
<b>Betriebsgerät</b>	EVG Plus
<b>Bemessungswerte</b>	Nettolichtstrom = 3100 lm Systemleistung = 29.3 W Lichtausbeute = 105.8 lm/W

**Seriendokumentation**  
**18.11.2020**

**sitEco**

**Lichtstärke in cd/klm**

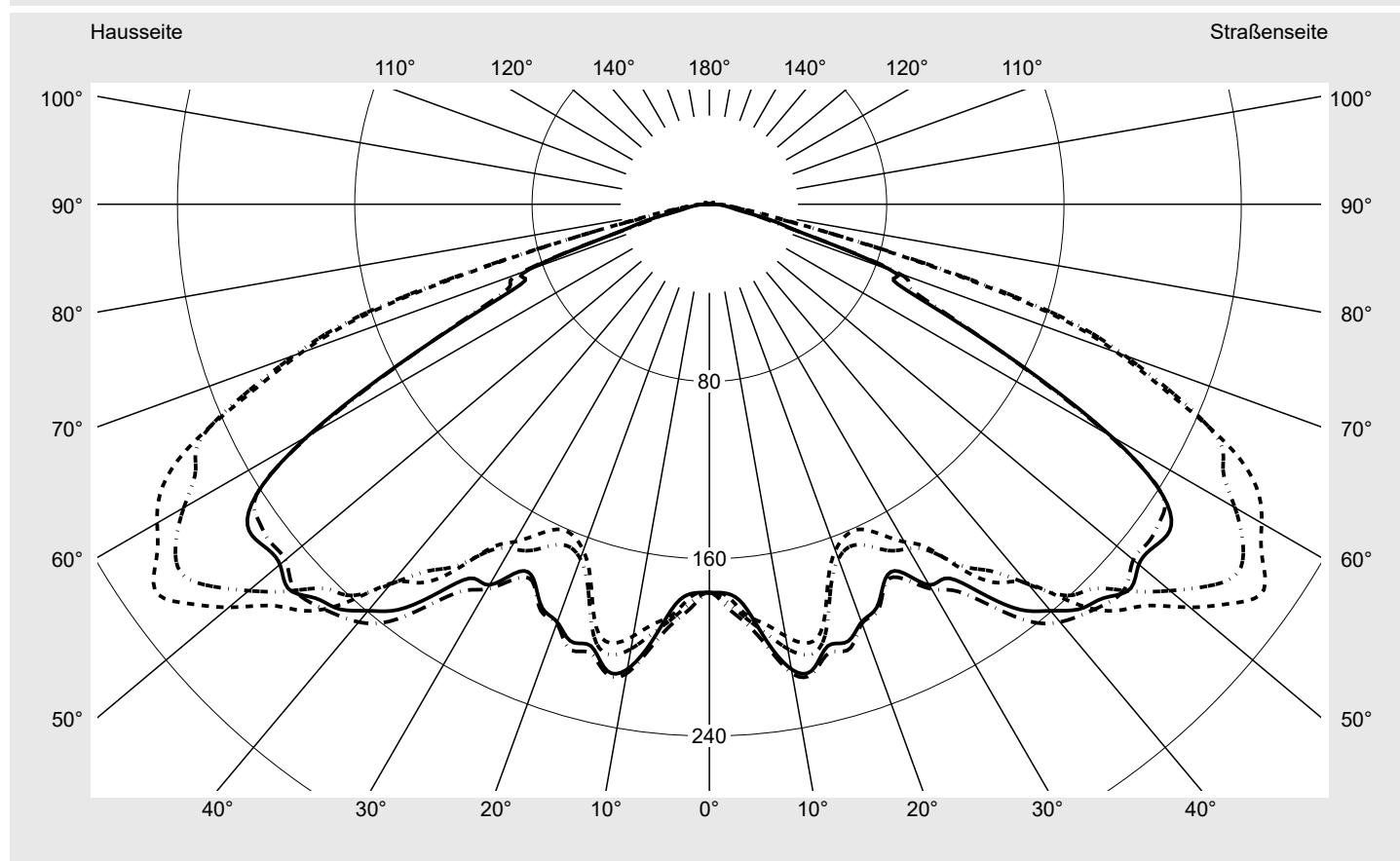
**C180-0**

**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

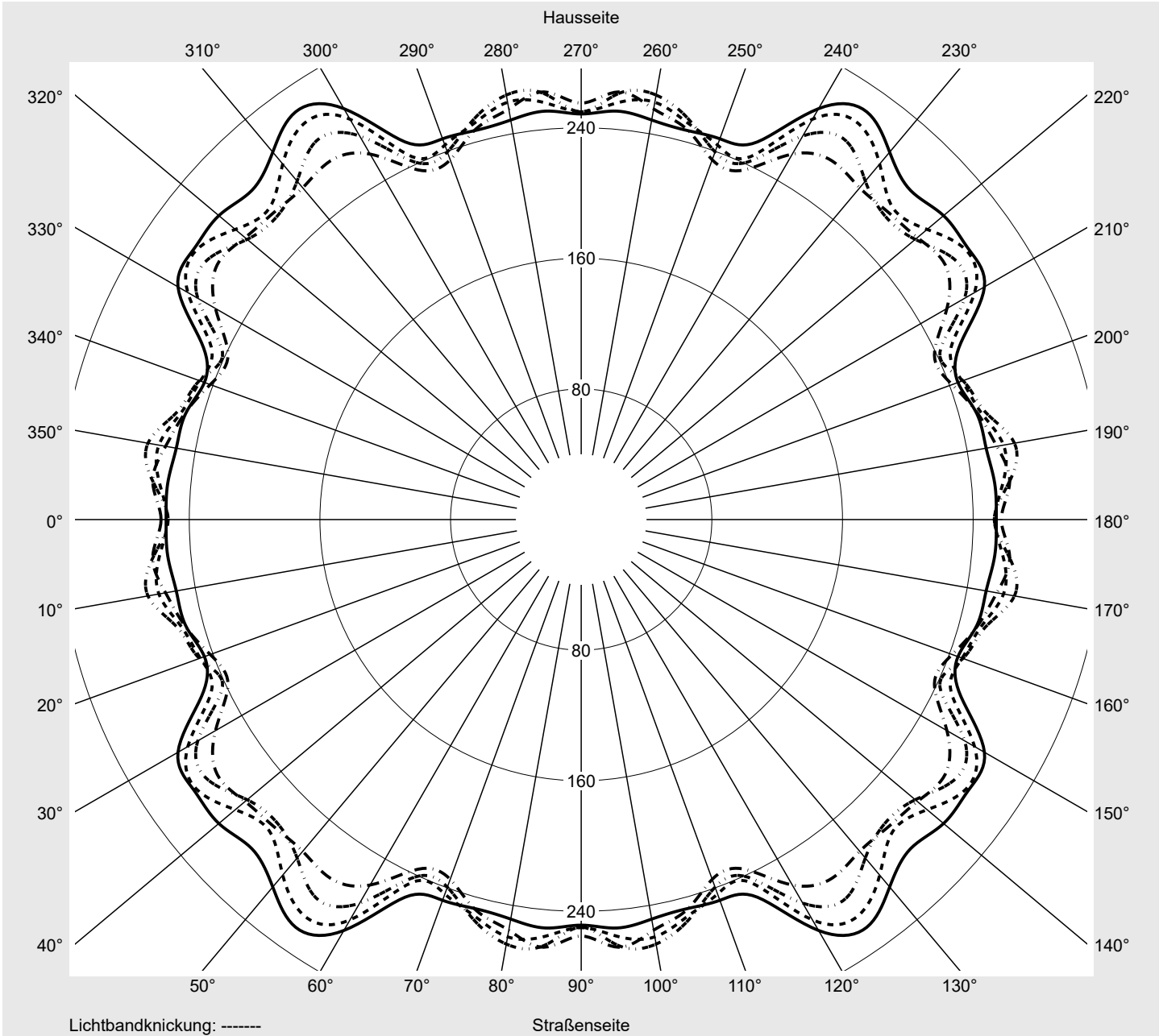
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

<b>Familie</b> DL® 30 LED	<b>Bestell-Nr.:</b> 5XA5132J1B08A4 <b>EAN:</b> 4058352058992	<b>LP-Nummer</b> 57204_7
------------------------------	---	-----------------------------

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



## Lichttechnischer Prüfbefund

<b>Familie</b> <b>DL® 30 LED</b>	<b>Bestell-Nr.: 5XA5132J1B08A4</b> <b>EAN: 4058352058992</b>	<b>LP-Nummer</b> <b>57204_7</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>DL® 30 LED</b>	<b>Bestell-Nr.: 5XA5132J1B08A4</b> <b>EAN: 4058352058992</b>	<b>LP-Nummer</b> <b>57204_7</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>sitEco</b>

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°	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	2.1	2.4
5,0°	184.3	185.6	187.4	187.9	186.5	187.9	189.9	189.7	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	7.0	13.8
10,0°	194.5	197.9	203.8	208.5	209.2	211.8	214.9	216.0	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	12.5	36.2
15,0°	192.3	197.4	201.6	203.2	205.5	206.9	209.5	210.5	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	15.8	66.3
20,0°	163.3	166.3	170.3	176.8	185.4	192.9	200.1	203.4	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	18.5	101.9
25,0°	150.5	161.9	170.2	177.1	184.5	184.8	184.3	186.4	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	22.5	144.4
30,0°	175.0	175.9	179.4	188.5	192.3	194.1	200.1	202.5	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	28.8	198.9
35,0°	198.6	202.7	199.4	206.9	207.5	205.9	209.5	219.7	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	36.5	267.8
40,0°	231.4	223.2	223.9	226.0	227.4	223.8	229.2	242.1	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	44.3	352.5
45,0°	260.5	259.4	245.3	236.1	227.4	234.9	245.6	258.1	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	51.7	452.4
50,0°	270.6	283.0	271.3	241.7	239.6	254.0	264.1	262.0	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	57.5	564.7
55,0°	293.8	304.9	290.7	255.3	248.2	247.0	248.5	251.2	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	60.6	685.1
60,0°	280.5	287.7	273.8	270.9	239.7	213.9	217.3	211.0	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	55.0	798.8
65,0°	256.5	258.9	254.3	242.9	183.2	154.8	143.2	125.5	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	44.4	893.0
70,0°	185.1	196.0	199.4	173.9	140.2	124.9	109.0	94.5	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	30.3	962.6
75,0°	76.2	88.2	92.0	74.9	67.4	50.0	45.1	33.2	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	8.3	988.7
80,0°	25.2	23.6	19.5	16.4	15.7	14.9	14.2	13.6	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	3.0	996.2
85,0°	8.6	9.0	9.4	9.4	9.0	8.4	7.7	7.3	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	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

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>DL® 30 LED</b>	<b>Bestell-Nr.: 5XA5132J1B08A4</b> <b>EAN: 4058352058992</b>	<b>LP-Nummer</b> <b>57204_7</b>
-------------------------------------	---	------------------------------------

<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 25°C	<b>siteco</b>
---------------------------	---------------------------	---------------

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	3100	29.3	29.9	29.6
95	241	2941	27.7	28.3	28.0
90	229	2795	26.2	26.7	26.4
85	216	2636	24.6	25.1	24.8
80	203	2478	23.0	23.4	23.2
75	190	2319	21.4	21.9	21.6
70	178	2172	20.0	20.4	20.2
65	165	2014	18.5	19.0	18.8
60	152	1855	17.1	17.5	17.3
55	140	1709	15.8	16.1	16.0
50	127	1550	14.2	14.5	14.4
45	114	1391	12.8	13.0	12.9
40	102	1245	11.5	11.7	11.6
35	89	1086	10.1	10.2	10.1
30	76	928	8.6	8.8	8.7
27	68	830	7.8	7.9	7.8