

Lichttechnischer Prüfbefund

Familie
DL® 50 midi LED

Bestell-Nr.: 5XA2492P1B08A7
EAN: 4058352061893

LP-Nummer
57256_16



Ausführung	Seil-Montage
Optik	symmetrisch, breit strahlend (ST0.5s)
Abdeckung	Abdeckung klar (ESG), teilweise bedruckt
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG Plus
Bemessungswerte	Nettolichtstrom = 15490 lm Systemleistung = 116.5 W Lichtausbeute = 132.9 lm/W

Seriendokumentation
11.02.2021

siteco

Lichtstärke in cd/klm

C180-0

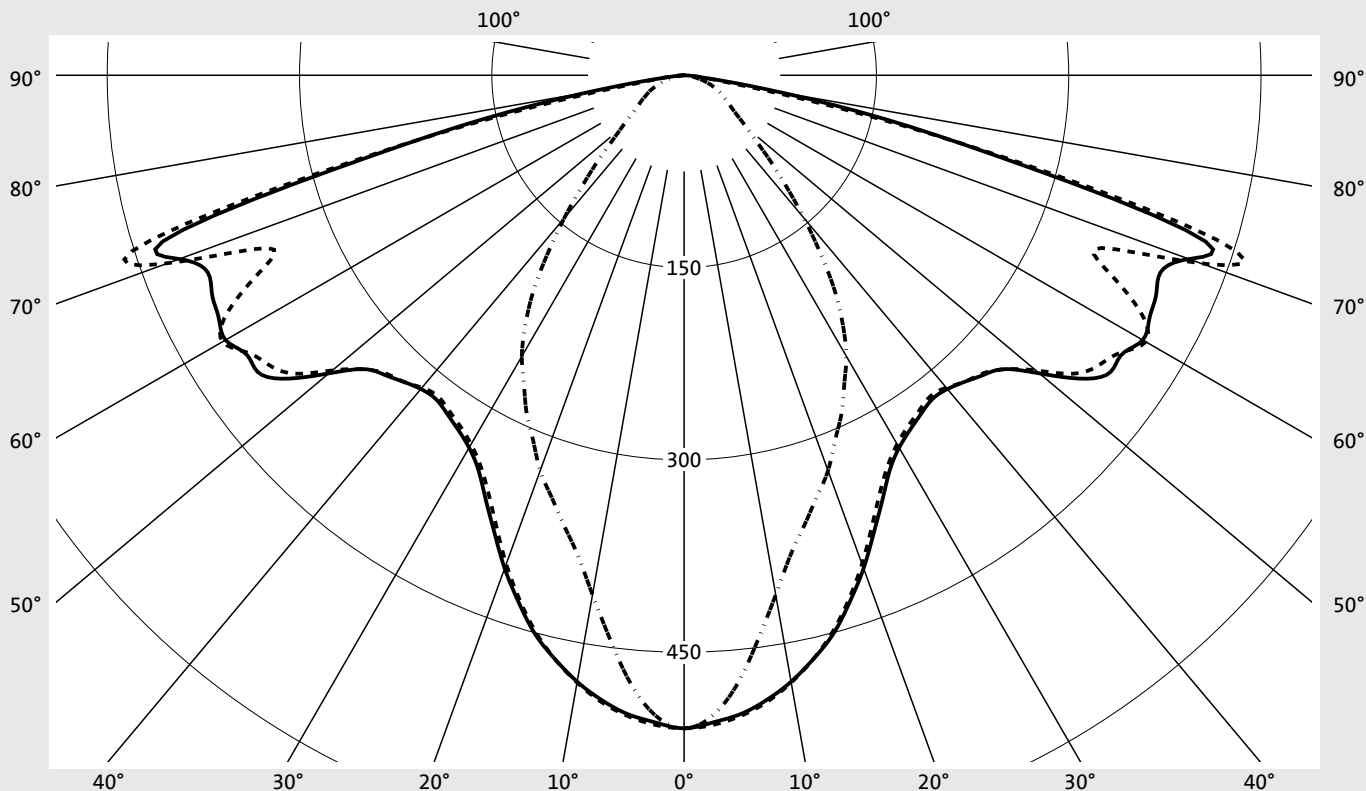
C185-5

C270-90

Imax: 509 cd/klm

Hausseite

Straßenseite



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G4
Imax 70°	428.9
Imax 80°	75.1
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

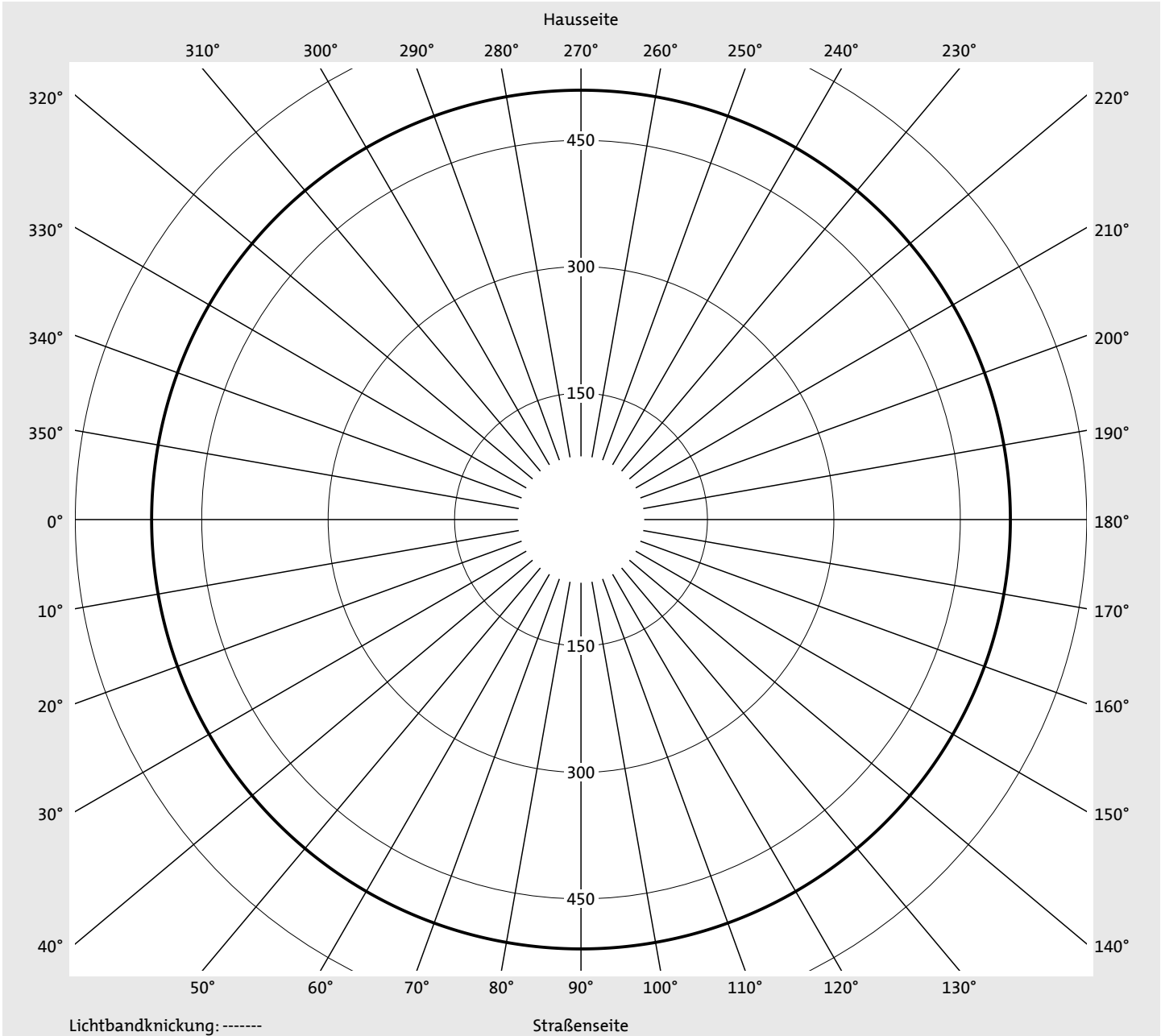
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie DL® 50 midi LED	Bestell-Nr.: 5XA2492P1B08A7 EAN: 4058352061893	LP-Nummer 57256_16
-----------------------------------	---	------------------------------

Kegelmantelkurven in cd/klm **KMK 0°** **siteco**



Lichttechnischer Prüfbefund

Familie DL® 50 midi LED	Bestell-Nr.: 5XA2492P1B08A7 EAN: 4058352061893	LP-Nummer 57256_16
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°	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4
2,5°	505.4	507.3	507.9	506.5	504.3	504.5	505.2	504.6	503.4	504.6
5,0°	500.4	501.8	502.0	499.6	496.6	495.7	494.9	492.6	489.6	489.1
7,5°	491.6	493.2	492.6	489.0	484.4	482.1	479.1	474.9	470.2	467.5
10,0°	480.4	481.0	479.1	473.8	467.9	463.5	458.2	451.6	445.0	440.6
12,5°	466.3	466.3	462.8	455.3	447.5	440.9	433.3	424.8	417.0	411.8
15,0°	450.6	448.9	443.9	434.8	425.1	417.3	407.9	397.8	389.5	384.1
17,5°	430.3	428.1	421.5	411.4	400.3	391.3	381.2	371.2	363.8	359.6
20,0°	409.3	405.7	397.8	386.5	374.9	365.8	356.3	347.7	341.7	339.2
22,5°	386.5	382.1	373.5	361.5	349.6	340.8	332.5	326.1	322.5	320.8
25,0°	365.8	360.7	352.8	341.7	330.8	321.9	314.8	309.8	306.4	304.3
27,5°	347.4	343.8	336.6	325.9	315.8	307.3	301.5	296.2	291.2	285.6
30,0°	335.5	332.3	324.4	312.5	302.0	295.4	289.8	282.1	272.7	265.1
32,5°	328.0	324.8	315.3	302.1	291.4	285.4	277.9	264.4	252.9	245.7
35,0°	322.3	319.5	309.3	292.9	283.1	275.2	261.3	243.9	233.9	228.0
37,5°	318.3	315.6	305.1	286.5	277.6	266.5	244.9	227.5	220.8	212.8
40,0°	319.5	318.1	301.4	282.3	273.0	255.0	230.5	218.7	209.8	200.4
42,5°	324.2	324.2	305.1	283.8	271.8	243.5	219.1	208.3	198.6	187.8
45,0°	330.5	329.1	310.3	290.1	270.1	230.8	213.7	201.1	187.6	171.7
47,5°	339.2	339.5	320.0	302.3	266.8	223.6	208.7	194.8	176.2	156.0
50,0°	361.8	358.2	332.5	311.4	261.5	224.4	206.5	188.4	165.9	140.4
52,5°	388.7	382.4	342.8	318.7	257.4	229.2	209.5	186.7	159.8	129.2
55,0°	405.0	394.6	352.1	316.9	258.8	236.4	213.6	186.8	154.9	120.6
57,5°	405.0	403.1	370.8	317.0	265.7	248.6	216.4	191.2	157.9	116.4
60,0°	413.1	415.7	400.4	323.3	288.1	268.0	221.4	191.5	155.8	112.5
62,5°	409.3	402.0	393.2	328.7	321.1	289.2	226.9	190.6	152.4	107.7
65,0°	406.2	366.8	341.3	327.3	336.9	286.2	227.0	183.5	143.2	101.7
67,5°	402.1	352.1	316.1	328.6	307.9	243.3	201.2	164.1	130.0	93.4
70,0°	419.0	428.9	352.8	347.5	245.3	188.5	154.6	128.9	109.5	82.9
72,5°	422.2	447.4	335.5	268.5	185.6	131.6	105.5	85.3	82.6	67.6
75,0°	281.0	296.7	240.2	192.9	122.5	80.9	66.5	59.3	53.2	42.2
77,5°	167.7	152.6	138.8	96.1	64.5	48.4	40.8	40.7	33.8	25.8
80,0°	75.1	47.7	46.2	43.7	31.8	24.4	24.9	20.8	16.4	14.1
82,5°	20.7	19.6	17.4	19.1	14.9	13.6	13.0	11.1	8.6	7.7
85,0°	6.3	6.3	6.6	6.9	6.3	5.6	5.2	5.0	4.5	3.9
87,5°	2.5	2.5	2.5	2.5	2.5	2.0	1.9	1.9	1.9	1.7
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

Lichttechnischer Prüfbefund

Familie DL® 50 midi LED	Bestell-Nr.: 5XA2492P1B08A7 EAN: 4058352061893	LP-Nummer 57256_16
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°	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	509.4	0.8	0.8
2,5°	505.9	505.6	504.5	503.5	504.6	506.3	505.4	501.6	500.4	6.0	6.8
5,0°	489.1	486.9	484.3	482.1	481.8	482.7	480.8	476.1	476.6	11.7	18.5
7,5°	465.3	461.6	457.4	453.9	452.8	452.7	450.0	445.2	443.4	16.8	35.3
10,0°	437.3	432.3	427.5	423.4	421.5	421.1	417.8	413.2	411.5	21.2	56.4
12,5°	407.8	402.9	398.1	394.5	393.2	392.7	389.6	385.2	383.4	24.9	81.3
15,0°	380.9	376.5	373.2	370.7	370.5	370.4	367.9	364.4	363.0	28.1	109.4
17,5°	357.2	354.3	351.9	350.5	351.1	351.0	348.9	346.1	344.6	30.8	140.2
20,0°	338.1	335.6	333.9	332.3	332.3	331.9	330.2	328.1	328.3	33.1	173.3
22,5°	319.8	316.5	313.7	311.7	311.2	310.4	308.7	307.9	307.9	34.7	208.0
25,0°	301.7	297.0	293.1	290.6	290.3	289.6	289.0	289.0	290.7	36.1	244.1
27,5°	280.4	274.5	270.4	268.3	268.2	268.7	269.0	270.2	270.7	37.1	281.3
30,0°	259.1	253.3	248.6	246.6	246.3	247.9	249.7	251.6	253.2	37.9	319.1
32,5°	240.2	233.5	227.8	225.0	224.9	226.6	228.6	230.2	230.3	38.3	357.4
35,0°	220.2	212.3	205.9	203.4	202.5	203.3	203.7	203.6	204.7	38.1	395.5
37,5°	203.3	193.2	186.4	182.9	180.7	179.2	177.1	174.9	174.3	37.8	433.4
40,0°	188.4	176.2	168.1	163.4	158.7	155.1	150.5	146.8	145.5	37.5	470.9
42,5°	173.5	158.4	149.9	142.7	136.9	131.4	125.2	120.2	118.6	37.1	507.9
45,0°	155.2	140.7	132.2	123.3	116.1	109.2	102.0	97.3	96.4	36.5	544.5
47,5°	137.4	125.2	116.3	105.9	98.3	90.8	83.6	78.9	77.0	36.3	580.8
50,0°	121.4	111.7	101.4	91.1	82.9	75.6	69.2	64.9	63.8	36.4	617.2
52,5°	108.4	99.8	89.2	78.7	70.4	63.7	58.2	54.8	53.5	37.0	654.1
55,0°	99.7	89.5	78.5	68.8	61.3	54.6	49.9	47.4	46.3	37.6	691.7
57,5°	96.1	82.0	70.1	61.3	53.8	48.2	44.4	42.1	41.3	38.6	730.3
60,0°	92.2	75.3	64.0	54.3	46.9	42.7	39.3	37.7	37.2	40.3	770.6
62,5°	83.4	68.7	57.7	48.8	41.6	37.4	35.1	33.5	33.2	41.1	811.7
65,0°	74.0	60.1	48.7	41.9	36.6	32.9	31.0	29.7	30.0	39.8	851.5
67,5°	66.5	51.3	40.2	33.8	30.7	28.6	27.1	26.3	26.0	37.4	888.9
70,0°	58.5	41.3	33.2	28.0	25.8	24.3	23.0	22.4	22.5	36.0	924.9
72,5°	49.1	33.8	25.3	22.1	20.8	20.0	18.9	18.3	18.5	31.1	956.0
75,0°	32.2	25.3	19.1	17.5	16.4	15.8	15.3	14.7	14.7	21.5	977.4
77,5°	20.2	16.1	13.9	13.0	12.4	12.0	11.4	11.0	10.6	12.5	989.9
80,0°	12.2	10.2	8.9	8.4	8.1	7.8	7.5	7.2	7.2	5.7	995.6
82,5°	6.4	6.3	5.6	5.3	5.0	4.7	4.4	4.4	4.4	2.7	998.3
85,0°	3.8	3.3	3.1	2.8	2.7	2.5	2.5	2.5	2.5	1.2	999.5
87,5°	1.6	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.5	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

Familie DL® 50 midi LED	Bestell-Nr.: 5XA2492P1B08A7 EAN: 4058352061893	LP-Nummer 57256_16
Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
siteco		

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	15490	116.5	123.3	119.9
95	241	14697	109.1	115.4	112.2
90	229	13965	102.5	108.4	105.4
85	216	13173	95.6	100.9	98.3
80	203	12380	88.8	93.9	91.3
75	190	11587	82.3	87.0	84.6
70	178	10855	76.5	80.8	78.6
65	165	10062	70.3	74.2	72.3
60	152	9270	64.4	68.0	66.2
55	140	8538	59.0	62.2	60.6
50	127	7745	53.2	56.2	54.7
45	114	6952	47.6	50.2	48.9
40	102	6220	42.5	44.8	43.6
35	89	5428	37.4	39.2	38.3
30	76	4635	32.4	34.0	33.2
25	63	3842	27.1	28.4	27.7
20	51	3110	22.3	23.4	22.8
15	38	2317	17.0	17.8	17.4