

Lichttechnischer Prüfbefund

Familie

Scheinwerfer SiCOMPACT® R3 MAXI

Bestell-Nr.: 5NA75671WP71

EAN: 4039806809445

LP-Nummer

42623_2

Seriendokumentation

10.09.2013



Ausführung

breitstreuend LDC7, Lampenblende,
HWZ-Ausführung

Kippung

0.0°

Bestückung

1 x HIT-DE-h15 2000W/959 Leitung l=187
(OSRAM HQI-TS 2000W/D/S)

Betriebsgerät

VVG

Bemessungswerte

Nettolichtstrom = 210000 lm
Systemleistung = 2030.0 W
Lichtausbeute = 87.1 lm/W

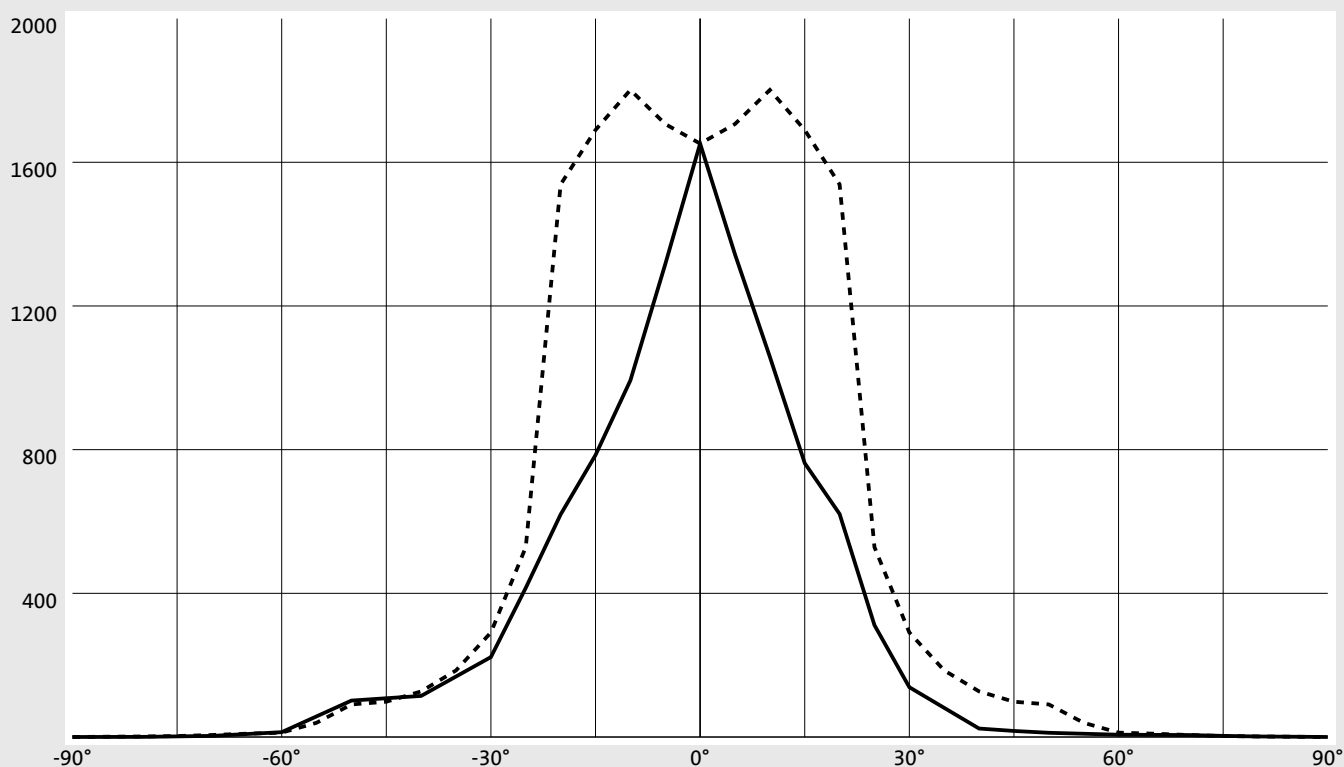
siteco

Lichtstärke in cd/klm

A0

B0

Imax: 1808 cd/klm



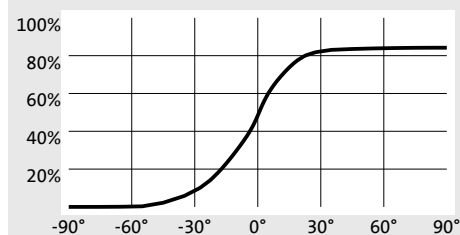
Streuwinkel

Halbstreuwinkel B0	-23.2° / 23.2°
Zehntelstreuwinkel B0	-35.4° / 35.4°
Halbstreuwinkel A0	-12.7° / 13.9°
Zehntelstreuwinkel A0	-35.4° / 28.9°

Leuchtenbetriebswirkungsgrade

Eta 84.2%

Lichtstromverlauf



Messbedingungen

DIN EN 13032 und DIN 5032

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
siteco		

β	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
B-Ebenen	Lichtstärke in cd/klm									
-180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.3	0.3	0.5
-70°	3.1	3.2	3.1	3.0	1.8	2.1	2.7	2.2	1.7	1.6
-60°	13.5	13.5	13.2	7.7	6.2	5.3	5.7	4.8	4.6	4.3
-50°	101.4	102.4	105.0	106.0	93.6	54.2	52.4	68.4	12.2	7.4
-40°	114.4	117.7	123.1	127.5	135.1	141.7	162.8	178.3	147.6	115.8
-30°	222.5	214.4	204.8	193.2	184.7	194.9	210.2	225.9	237.5	219.2
-25°	415.2	406.7	373.8	319.5	283.0	271.4	262.1	255.8	251.5	238.6
-20°	619.7	581.9	555.2	473.2	406.3	372.2	318.2	276.8	245.7	216.3
-18°	719.7	688.2	634.9	520.1	430.1	414.4	329.0	279.5	228.0	196.9
-16°	793.6	751.7	705.1	604.0	482.5	447.1	336.2	274.1	212.9	180.0
-14°	776.2	779.2	764.6	668.6	542.0	494.1	335.7	262.1	196.9	164.0
-12°	858.4	852.5	819.8	718.4	570.0	531.1	327.9	244.0	182.8	149.1
-10°	992.7	968.9	867.6	721.7	571.7	518.7	321.6	229.1	171.3	134.8
-8°	1109.5	1056.8	896.2	762.2	582.0	483.2	317.6	220.5	161.9	125.9
-6°	1237.1	1177.7	961.1	841.2	641.4	468.6	314.9	214.5	155.5	119.2
-4°	1391.4	1304.4	1104.7	1041.2	772.0	469.8	298.6	203.1	144.3	110.0
-3°	1462.5	1390.3	1246.5	1165.8	892.5	478.4	294.8	197.2	138.3	106.1
-2°	1550.4	1495.7	1464.7	1353.0	1080.9	494.9	292.4	190.2	133.1	102.2
-1°	1625.0	1611.2	1666.6	1526.8	1372.2	513.5	292.4	187.7	130.1	99.9
0°	1652.0	1706.5	1801.4	1690.0	1538.4	528.6	290.9	185.4	127.0	98.2
1°	1616.5	1778.2	1807.9	1684.9	1621.2	537.3	283.6	180.3	125.5	97.4
2°	1523.8	1726.3	1716.6	1548.1	1459.8	528.7	283.8	180.8	123.7	95.5
3°	1444.7	1610.1	1580.9	1394.6	1169.8	504.6	279.0	180.6	123.3	96.0
4°	1390.1	1491.9	1414.7	1202.0	949.5	462.7	274.9	177.6	123.4	95.0
6°	1305.4	1289.8	1083.9	927.4	738.9	403.5	243.2	160.8	118.9	94.7
8°	1199.3	1141.1	930.9	784.4	598.7	373.6	232.0	149.9	114.1	94.3
10°	1058.4	1015.2	840.1	698.6	511.7	332.8	218.8	151.1	113.6	93.6
12°	954.3	919.0	782.4	663.0	460.0	305.4	207.4	147.0	111.9	93.4
14°	816.2	808.4	748.2	620.0	415.2	271.3	184.0	135.2	106.8	91.5
16°	718.7	722.5	688.9	576.0	382.7	263.3	173.0	126.5	100.4	89.5
18°	686.6	655.1	588.1	459.4	312.1	208.2	148.5	108.0	86.9	77.4
20°	620.9	580.1	489.8	353.3	219.0	131.5	85.2	55.3	40.5	36.4
25°	311.4	317.1	267.3	177.2	109.6	69.7	48.6	25.6	18.0	15.9
30°	138.7	127.6	101.8	77.3	55.3	38.1	26.7	18.7	14.5	15.0
40°	23.6	22.9	21.5	19.2	16.1	12.9	11.6	10.5	11.3	11.7
50°	11.7	11.6	10.9	10.2	8.9	8.7	9.0	9.6	9.9	8.8
60°	6.4	6.4	6.6	6.8	7.2	7.2	7.1	6.8	6.2	5.6
70°	5.5	5.5	5.6	5.4	4.8	4.3	3.8	3.8	3.6	3.0
80°	1.5	1.5	1.4	1.4	1.3	1.1	1.2	1.1	1.2	1.3
90°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	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

β	50°	55°	60°	65°	70°	75°	80°	85°	90°	Phi-Zone	Summe Phi-Zone
B-Ebenen	Lichtstärke in cd/klm									Lichtstrom in lm/klm	
-180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80°	0.5	0.6	0.6	0.6	0.6	0.5	0.3	0.1	0.0	0.2	0.2
-70°	1.3	1.1	1.0	1.0	0.9	0.8	0.7	0.4	0.0	0.7	0.9
-60°	3.3	2.4	2.0	1.6	1.2	1.1	0.9	0.6	0.0	2.2	3.1
-50°	6.5	7.0	3.9	2.5	1.8	1.4	1.2	0.7	0.0	19.0	22.1
-40°	11.5	9.7	8.0	4.2	2.7	1.7	1.3	0.7	0.0	35.8	58.0
-30°	120.6	12.8	9.2	7.3	3.6	2.1	1.4	0.8	0.0	42.5	100.5
-25°	172.6	20.7	9.6	8.0	4.0	2.3	1.5	0.8	0.0	41.6	142.1
-20°	167.5	37.8	10.2	8.8	4.9	2.4	1.5	0.8	0.0	38.3	180.4
-18°	159.6	42.0	10.7	9.2	5.1	2.5	1.5	0.8	0.0	23.9	204.3
-16°	155.2	43.7	11.0	9.6	5.2	2.6	1.5	0.8	0.0	25.7	230.0
-14°	142.1	43.7	11.3	9.8	5.3	2.6	1.5	0.9	0.0	26.9	257.0
-12°	128.6	44.2	11.8	10.0	5.4	2.6	1.6	0.9	0.0	28.3	285.3
-10°	118.2	45.2	11.7	9.9	5.4	2.7	1.5	0.9	0.0	29.4	314.7
-8°	110.8	44.2	11.9	9.9	5.5	2.7	1.6	0.9	0.0	30.4	345.0
-6°	103.9	43.5	12.2	9.8	5.5	2.7	1.6	0.9	0.0	32.5	377.5
-4°	97.9	41.9	12.4	9.6	5.5	2.7	1.6	0.9	0.0	27.2	404.7
-3°	95.6	41.7	12.6	9.6	5.5	2.7	1.6	0.9	0.0	19.6	424.3
-2°	93.0	40.8	12.5	9.5	5.5	2.7	1.5	0.9	0.0	21.8	446.1
-1°	91.4	40.5	12.3	9.3	5.5	2.7	1.5	0.9	0.0	24.2	470.4
0°	90.7	39.6	12.2	9.3	5.6	2.7	1.5	0.9	0.0	25.9	496.3
1°	90.7	39.5	12.0	9.3	5.6	2.7	1.5	0.9	0.0	26.3	522.7
2°	89.8	38.1	11.7	9.1	5.6	2.7	1.5	0.9	0.0	24.9	547.5
3°	89.9	37.5	11.5	9.2	5.6	2.7	1.5	0.9	0.0	22.6	570.2
4°	89.4	35.6	11.2	9.1	5.7	2.7	1.5	0.9	0.0	30.5	600.7
6°	88.8	33.1	10.7	9.1	5.6	2.7	1.5	0.9	0.0	33.8	634.5
8°	89.1	29.7	10.3	9.0	5.6	2.7	1.5	0.9	0.0	29.7	664.2
10°	88.7	26.5	10.0	9.0	5.6	2.7	1.5	0.8	0.0	26.6	690.8
12°	88.1	23.1	9.8	9.0	5.6	2.6	1.5	0.9	0.0	24.6	715.5
14°	85.2	19.5	9.6	8.8	5.3	2.5	1.4	0.8	0.0	22.4	737.9
16°	82.1	16.4	9.5	8.4	5.1	2.5	1.5	0.8	0.0	20.6	758.5
18°	66.2	14.7	9.4	8.2	5.0	2.4	1.4	0.8	0.0	17.7	776.1
20°	33.6	13.3	9.1	7.7	4.8	2.3	1.5	0.8	0.0	24.0	800.1
25°	16.1	11.3	9.0	6.9	4.2	2.2	1.5	0.8	0.0	18.1	818.2
30°	13.9	10.3	8.7	6.3	3.6	2.0	1.5	0.7	0.0	12.4	830.6
40°	10.6	8.7	6.4	4.4	2.8	1.8	1.5	0.7	0.0	4.7	835.3
50°	6.9	5.7	4.3	3.0	2.2	1.8	1.2	0.7	0.0	2.9	838.3
60°	4.7	3.7	3.0	2.4	1.8	1.3	0.9	0.6	0.0	2.0	840.2
70°	2.6	2.2	1.8	1.5	1.2	1.0	0.7	0.4	0.0	1.3	841.6
80°	1.2	1.1	1.0	0.9	0.8	0.7	0.5	0.2	0.0	0.4	842.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	842.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	842.0