

Lichttechnischer Prüfbefund

Familie

Scheinwerfer SiCOMPACT® R3 MAXI

Bestell-Nr.: 5NA75601VP31

EAN: 4039806592361

LP-Nummer

43401_2

Seriendokumentation
10.09.2013

Ausführung	bündelnd LDC1, Lampenblende
Kippung	0.0°
Bestückung	1 x HIT-DE-h15 1000W/959 Leitung l=187 (OSRAM POWERSTAR HQI-TS 1000/D/S)
Betriebsgerät	VVG
Bemessungswerte	Nettolichtstrom = 90000 lm Systemleistung = 1065.0 W Lichtausbeute = 71.1 lm/W

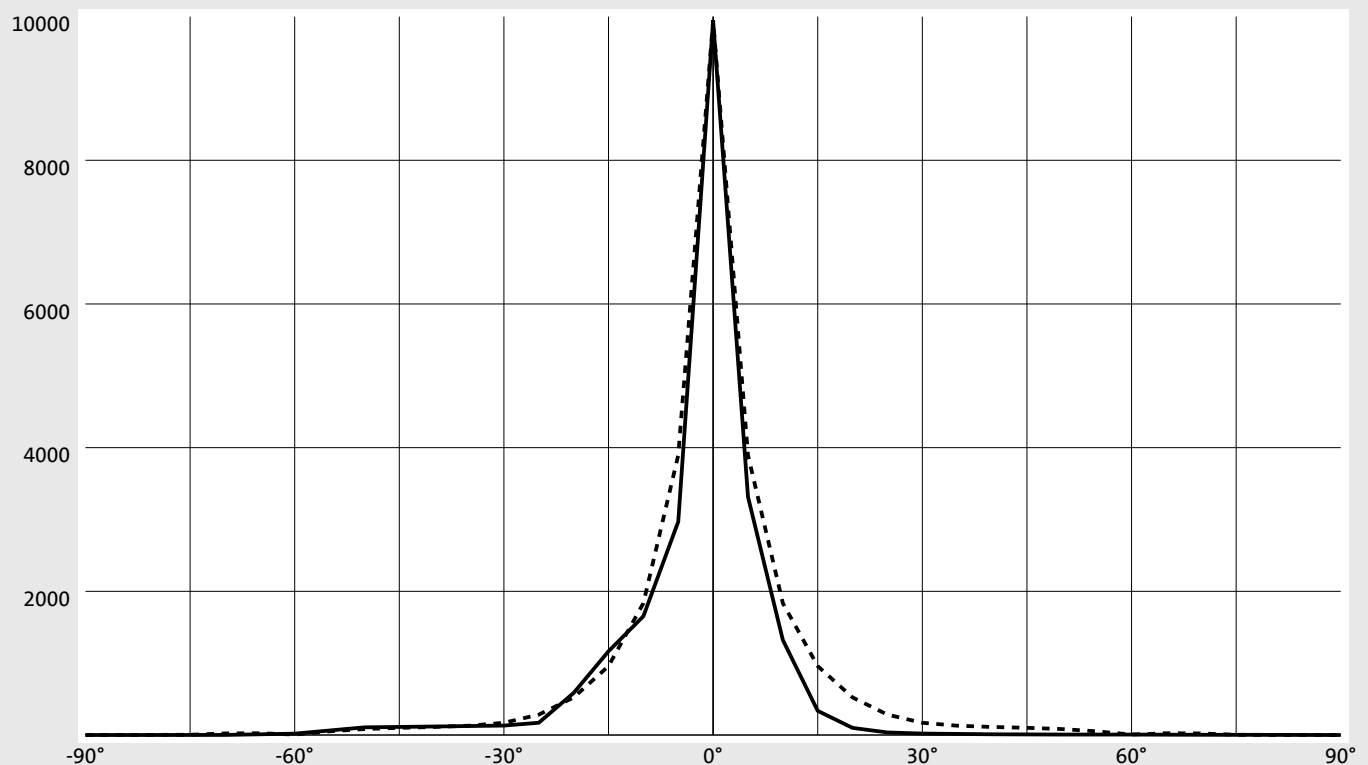
siteco

Lichtstärke in cd/klm

A0

B0

Imax: 9947 cd/klm



Streuwinkel

Halbstreuwinkel B0	-3.9° / 3.9°
Zehntelstreuwinkel B0	-14.8° / 14.8°
Halbstreuwinkel A0	-3.5° / 3.2°
Zehntelstreuwinkel A0	-16.8° / 11.2°

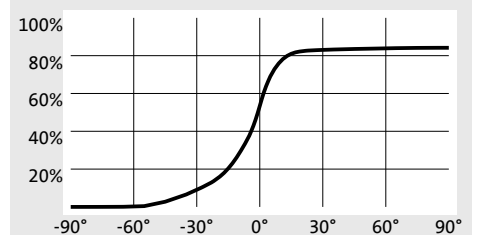
Messbedingungen

DIN EN 13032 und DIN 5032

Leuchtenbetriebswirkungsgrade

Eta	84.2%
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Lichtstromverlauf



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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°	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.3	0.3	0.7
-70°	1.2	1.2	1.2	1.3	1.1	1.0	1.9	2.0	1.6	1.6
-60°	19.0	19.8	22.2	23.2	15.0	5.2	4.0	3.7	3.2	3.4
-50°	106.7	108.9	113.4	116.1	115.9	110.6	76.4	61.5	40.5	6.5
-40°	118.4	121.8	129.1	135.6	142.6	147.5	156.2	169.3	172.9	132.7
-30°	131.5	136.1	145.7	153.3	160.0	170.5	194.7	218.4	236.0	246.9
-25°	170.9	177.7	177.7	175.4	175.3	187.9	213.3	239.4	262.4	257.6
-20°	585.5	460.1	322.3	248.4	214.4	209.2	224.0	246.8	255.1	234.8
-18°	862.7	714.6	456.7	308.6	245.3	220.8	226.9	238.6	234.9	212.7
-16°	1071.5	1036.7	629.4	383.9	284.1	233.8	225.2	220.0	208.7	185.6
-14°	1271.6	1279.2	822.9	467.6	317.7	245.5	216.8	199.5	185.4	163.5
-12°	1518.1	1508.1	1061.1	565.1	351.9	260.3	206.3	181.9	166.2	146.7
-10°	1653.3	1738.2	1272.8	678.8	402.5	269.4	199.5	168.7	153.0	137.8
-8°	1776.6	1763.0	1486.9	792.3	445.5	277.5	194.4	160.3	145.1	130.3
-6°	2268.7	1899.8	1632.9	903.1	499.4	289.9	193.5	153.7	137.1	123.8
-4°	4070.9	2484.4	1753.0	947.9	517.2	291.5	187.5	146.2	129.1	116.3
-3°	5572.2	2929.3	1791.8	971.9	531.0	294.5	185.2	142.6	124.7	111.7
-2°	6978.2	3345.5	1817.8	971.9	529.4	292.4	180.3	137.5	120.2	107.7
-1°	8282.7	3737.2	1848.2	968.7	533.2	290.8	176.7	134.2	116.0	103.6
0°	9947.2	3895.6	1835.0	959.1	522.8	283.5	170.1	129.6	112.0	100.0
1°	9130.9	3798.8	1770.2	950.7	515.3	278.3	166.8	125.8	108.4	97.0
2°	7434.4	3502.7	1666.5	927.5	496.7	269.1	161.4	122.2	105.7	95.0
3°	5268.9	3127.4	1562.5	893.5	468.3	259.8	158.2	119.2	103.5	92.8
4°	4167.7	2808.5	1455.7	833.1	444.3	244.5	151.9	116.4	102.1	91.2
6°	2712.1	2127.5	1260.8	719.6	385.2	213.3	140.6	111.4	99.8	89.3
8°	1841.4	1552.9	995.9	581.7	311.3	183.2	130.5	107.9	98.8	88.6
10°	1322.0	1136.4	772.8	466.7	261.7	162.0	121.1	104.0	97.4	87.5
12°	794.7	714.6	543.9	354.3	216.1	147.3	116.9	102.6	96.4	86.5
14°	448.1	410.4	335.5	247.0	176.0	131.0	110.1	98.9	93.6	84.6
16°	264.6	248.3	200.4	144.1	114.3	94.8	85.0	80.3	78.6	71.1
18°	163.3	153.3	123.1	86.2	60.1	47.7	43.2	42.9	44.8	41.4
20°	99.1	93.3	75.7	54.5	38.1	29.3	25.3	24.3	25.4	23.5
25°	35.5	33.3	27.2	20.6	16.0	12.5	11.1	10.7	11.9	8.8
30°	20.2	19.2	16.6	14.1	11.2	10.3	10.1	11.4	9.0	6.1
40°	10.1	10.1	10.0	9.7	11.0	10.4	6.2	5.0	4.4	4.6
50°	6.3	6.3	5.7	4.4	4.0	3.7	3.6	5.0	8.7	12.3
60°	6.2	6.2	6.4	6.6	7.1	7.8	7.9	8.8	9.9	9.9
70°	3.1	7.1	6.8	5.9	4.6	4.2	4.0	2.7	2.2	2.0
80°	1.6	1.5	1.4	1.3	1.4	1.4	1.4	1.3	1.6	1.9
90°	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

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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°	0.8	1.0	1.2	1.3	1.2	1.1	0.6	0.3	0.0	0.2	0.2
-70°	1.4	1.3	1.3	1.4	1.4	1.6	1.5	0.7	0.0	0.5	0.7
-60°	4.9	7.6	2.6	1.7	1.6	1.6	1.7	1.2	0.0	3.5	4.2
-50°	5.4	9.9	13.6	5.4	1.8	1.6	1.7	1.6	0.0	23.3	27.5
-40°	33.8	8.0	20.4	18.5	3.7	1.8	1.7	1.7	0.0	38.2	65.7
-30°	174.7	16.4	18.2	27.4	8.6	1.9	1.7	1.8	0.0	37.6	103.3
-25°	216.2	42.2	14.7	28.5	13.0	2.1	1.7	1.8	0.0	28.8	132.1
-20°	199.9	62.4	10.1	30.4	17.0	2.3	1.7	1.8	0.0	28.2	160.3
-18°	175.5	69.2	9.6	30.7	19.2	2.5	1.7	1.8	0.0	19.6	179.9
-16°	154.3	70.4	8.3	31.0	20.5	2.5	1.7	1.8	0.0	23.6	203.5
-14°	137.4	73.1	8.8	31.0	22.2	2.8	1.7	1.8	0.0	27.2	230.7
-12°	127.1	75.1	8.1	30.6	23.1	2.8	1.7	1.8	0.0	31.2	261.9
-10°	120.6	75.5	8.4	29.4	23.2	3.0	1.7	1.8	0.0	35.1	297.0
-8°	114.5	73.2	7.6	28.8	23.8	3.0	1.7	1.8	0.0	37.7	334.7
-6°	107.2	67.3	7.6	27.1	23.0	3.3	1.7	1.8	0.0	41.8	376.4
-4°	98.4	61.7	6.8	26.6	23.4	3.1	1.7	1.8	0.0	38.8	415.2
-3°	94.0	57.7	7.0	25.4	22.4	3.3	1.7	1.8	0.0	29.7	444.9
-2°	89.7	55.7	6.6	25.5	22.8	3.2	1.7	1.7	0.0	33.1	478.0
-1°	86.1	52.4	6.8	24.4	21.8	3.4	1.7	1.8	0.0	36.3	514.3
0°	82.9	51.2	6.6	24.5	22.0	3.1	1.7	1.8	0.0	39.1	553.4
1°	80.9	48.5	6.8	23.8	21.0	3.4	1.7	1.8	0.0	37.3	590.7
2°	79.6	47.5	6.6	24.0	21.1	3.1	1.7	1.8	0.0	33.3	624.0
3°	77.5	44.7	6.9	23.2	20.1	3.3	1.7	1.8	0.0	28.3	652.3
4°	76.5	43.4	6.8	23.5	20.1	3.1	1.7	1.7	0.0	37.6	689.9
6°	75.5	39.7	7.1	22.6	18.6	3.2	1.7	1.7	0.0	39.1	729.0
8°	75.0	36.4	7.0	22.4	17.6	2.9	1.7	1.7	0.0	29.8	758.8
10°	73.8	32.3	7.3	21.7	16.3	2.9	1.7	1.7	0.0	23.2	782.0
12°	72.9	27.4	7.5	21.4	15.0	2.6	1.7	1.7	0.0	16.6	798.6
14°	70.4	23.8	8.1	21.0	13.9	2.6	1.6	1.7	0.0	11.4	810.0
16°	58.7	17.5	8.7	20.7	12.3	2.4	1.6	1.7	0.0	7.5	817.5
18°	34.3	13.4	9.8	20.3	11.4	2.4	1.6	1.7	0.0	4.4	821.9
20°	18.3	8.6	11.2	20.4	10.1	2.2	1.6	1.7	0.0	4.7	826.6
25°	6.6	6.3	14.5	18.9	8.0	2.1	1.6	1.7	0.0	2.8	829.4
30°	5.2	7.4	16.0	15.2	6.1	1.9	1.6	1.6	0.0	3.0	832.5
40°	8.0	14.0	14.0	8.6	3.0	1.7	1.6	1.5	0.0	2.9	835.4
50°	13.9	9.2	7.6	3.4	1.9	1.7	1.6	1.4	0.0	2.1	837.5
60°	7.4	3.9	2.2	1.8	1.7	1.6	1.6	1.1	0.0	2.3	839.8
70°	1.9	1.8	1.8	1.7	1.7	1.7	1.5	0.6	0.0	1.3	841.1
80°	1.9	1.8	1.8	1.8	1.6	1.2	0.7	0.3	0.0	0.5	841.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	841.6
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	841.6