

LED light engine technical information information for SVM												
LED = Philips Lumileds Luxeon R and T, CRI = 75, CCT = 4000K (+/- 350K)												
System (LED + driver) rated life = 100,000 hrs ¹												
Lamp	Typical delivered lumens	Typical system wattage ² (W)	Typical current @ 120 V (A)	Typical current @ 208 V (A)	Typical current @ 240 V (A)	Typical current @ 277 V (A)	Typical current @ 347 V (A)	Typical current @ 480 V (A)	LED current (mA)	HID equivalent ³	Luminaire Efficacy Rating (lm/W)	BUG rating
16W16LED4K-R-LE2	1761	19	0.160	0.100	0.090	0.082	N/A	N/A	350	50-70W	100	B1 U0 G1
16W16LED4K-R-LE3	1870	19	0.160	0.100	0.090	0.082	N/A	N/A	350	50-70W	107	B1 U0 G1
16W16LED4K-R-LE5	1784	19	0.160	0.100	0.090	0.082	N/A	N/A	350	50-70W	102	B2 U0 G0
22W16LED4K-R-LE2	2359	25	0.210	0.125	0.115	0.105	N/A	N/A	470	50-70W	95	B1 U0 G1
22W16LED4K-R-LE3	2504	25	0.210	0.125	0.115	0.105	N/A	N/A	470	50-70W	101	B1 U0 G1
22W16LED4K-R-LE5	2390	25	0.210	0.125	0.115	0.105	N/A	N/A	470	50-70W	96	B2 U0 G1
24W16LED4K-R-LE2	2511	27	0.225	0.135	0.120	0.110	N/A	N/A	530	70-100W	94	B1 U0 G1
24W16LED4K-R-LE3	2666	27	0.225	0.135	0.120	0.110	N/A	N/A	530	70-100W	100	B1 U0 G1
24W16LED4K-R-LE5	2544	27	0.225	0.135	0.120	0.110	N/A	N/A	530	70-100W	95	B2 U0 G1
30W16LED4K-R-LE2	3075	37	0.290	0.175	0.150	0.135	N/A	N/A	700	70-100W	87	B1 U0 G1
30W16LED4K-R-LE3	3295	37	0.290	0.175	0.150	0.135	N/A	N/A	700	70-100W	92	B1 U0 G1
30W16LED4K-R-LE5	3145	37	0.290	0.175	0.150	0.135	N/A	N/A	700	70-100W	88	B2 U0 G1
32W32LED4K-R-LE2	3618	37	0.300	0.185	0.165	0.155	0.105	0.090	350	70-100W	103	B1 U0 G1
32W32LED4K-R-LE3	3754	37	0.300	0.185	0.165	0.155	0.105	0.090	350	70-100W	107	B1 U0 G1
32W32LED4K-R-LE5	3404	37	0.300	0.185	0.165	0.155	0.105	0.090	350	70-100W	97	B2 U0 G1
48W32LED4K-R-LE2	5309	54	0.450	0.270	0.240	0.215	0.160	0.130	530	70-100W	100	B1 U0 G1
48W32LED4K-R-LE3	5509	54	0.450	0.270	0.240	0.215	0.160	0.130	530	70-100W	104	B1 U0 G1
48W32LED4K-R-LE5	4995	54	0.450	0.270	0.240	0.215	0.160	0.130	530	70-100W	94	B3 U0 G1
60W32LED4K-R-LE2	6619	72	0.595	0.340	0.295	0.265	0.210	0.160	700	100-150W	94	B2 U0 G1
60W32LED4K-R-LE3	6924	72	0.595	0.340	0.295	0.265	0.210	0.160	700	100-150W	97	B2 U0 G2
60W32LED4K-R-LE5	6280	72	0.595	0.340	0.295	0.265	0.210	0.160	700	100-150W	89	B3 U0 G1
48W48LED4K-R-LE2	5090	52	0.440	0.260	0.250	0.230	0.160	0.130	350	70-100W	105	B1 U0 G1
48W48LED4K-R-LE3	5224	52	0.440	0.260	0.250	0.230	0.160	0.130	350	70-100W	107	B1 U0 G1
48W48LED4K-R-LE5	5097	52	0.440	0.260	0.250	0.230	0.160	0.130	350	70-100W	105	B3 U0 G1
72W48LED4K-R-LE2	7705	80	0.660	0.390	0.350	0.310	0.225	0.170	530	100-150W	99	B2 U0 G2
72W48LED4K-R-LE3	7909	80	0.660	0.390	0.350	0.310	0.225	0.170	530	100-150W	101	B2 U0 G2
72W48LED4K-R-LE5	7717	80	0.660	0.390	0.350	0.310	0.225	0.170	530	100-150W	99	B3 U0 G2
90W48LED4K-R-LE2	9854	107	0.890	0.515	0.455	0.390	0.305	0.225	700	150-175W	95	B2 U0 G2
90W48LED4K-R-LE3	10113	107	0.890	0.515	0.455	0.390	0.305	0.225	700	150-175W	98	B2 U0 G2
90W48LED4K-R-LE5	9868	107	0.890	0.515	0.455	0.390	0.305	0.225	700	150-175W	95	B4 U0 G4
140W48LED4K-T-LE2	14556	160	1.330	0.760	0.665	0.575	N/A	N/A	1050	200-250W	94	B3-U0-G2
140W48LED4K-T-LE3	15200	160	1.330	0.760	0.665	0.575	N/A	N/A	1050	200-250W	98	B3-U0-G2
140W48LED4K-T-LE5	14880	160	1.330	0.760	0.665	0.575	N/A	N/A	1050	200-250W	96	B4-U0-G2

¹ L70 = 100,000 hrs (at ambient temperature = 25°C and forward current = 700 mA)
² System wattage includes the lamp and the LED driver.
³ Equivalence should always be confirmed by a photometric layout

Note : Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of Philips.

