

J13351

Western Power LED Replacement Lamps for Existing Streetlighting Comparisons

Test Number	Fitting/Lamp	Voltage (V)	Frequency	Current (A)	Power (W)	Power Factor	Total lumen output	Efficacy (lm/W)
LL24633	80W Round/ 80 W MV lamp	240.0	50	0.472	86.7	0.77	2450	28.3
LL23636	80W Round/ 18W LED lamp	240.0	50	0.347	18.4	0.22	2044	111
LL24637	125W MV Roadster/ 125 W MV lamp	240.0	50	0.984	130.6	0.55	2162	31.9
LL24638A	125 MV Roadster / 42W LED lamp	240.0	50	0.239	38.3	0.67	3705	96.7
LL24640	80W MV Roadster / 80W MV lamp	240.0	50	0.708	84.3	0.50	2299	27.3
LL24641	80W MV Roadster / 18W LED lamp	240.0	50	0.098	19.1	0.81	1943	102
LL24643	70W MH Roadster/ 70W MV lamp	240.0	50	0.931	87.4	0.39	3402	38.9
LL24644	70W MH Roadster/ 42W LED lamp	240.0	50	0.162	43.5	0.95	3690	84.8
	LED Lamp Only (no gear)							
LL24636	Philips 18W LED lamp	240.0	50	0.147	18.6	0.53	-	-
LL24638	Philips 42W LED lamp	240.0	50	0.178	39.1	0.92	-	-