

Achieve World-Class Efficiency with the Smallest Bill-of-Materials



LED Driver for General Lighting

BM520Q19F, BM520Q15F, BM520Q25F

*ROHM October 2014 survey

Features

- Integrated HV MOSFET and start-up circuit allow for low-cost and easy-to-design LED driver modules
- ROHM's quasi-resonant current control technology allows the use of cheap inductors, while achieving world-class efficiency
- ROHM LED driver IC lineup covers a wide range of input / output conditions



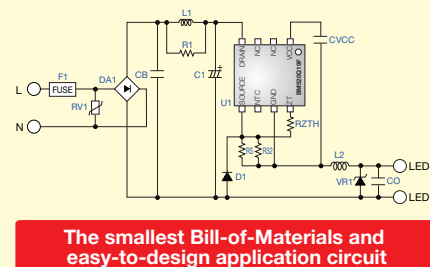
Applications

- Sealed-type LED Bulb
- Down Light, LED Bulb, Tube Lighting, etc
- Non dimmable LED Lighting equipment less than 10W

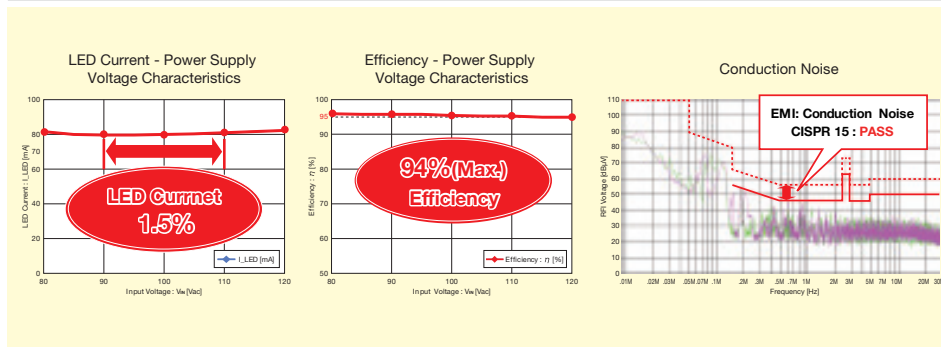
Reference board Lineup for LED Bulb

Internal MOSFET	90Vac to 132Vac		170Vac to 264Vac		90Vac to 264Vac
	PF>0.5		PF>0.5	PF>0.7	PF>0.9
	Power/IC		4W / BM520Q19F	5W / BM520Q15F	6W / BM520Q25F
APL Board					
	Board size : 16.5mm×40mm		Board size : 18mm×30mm	Board size : 20mm×40mm	Board size : 21mm×45mm

Application Circuit



Evaluation



Calculation Tool

With our support tools you can design the (complete) application. Component values can be fixed by calculation tool.

