



# DC DRIVER BUCK01-DM Series



- High Power Constant Current LED Driver Dimmable
- Total Power ----- 20 Watts max
- Input voltages ----- 5 ~ 30 Vdc
- Output short circuit protection
- Wide selection of pre-adjusted C/C outputs
- High efficiency reduce total power consumption
- Tight regulated constant current output to maximize the LED performance
- Wide range of input voltage from 5 ~ 30 Vdc

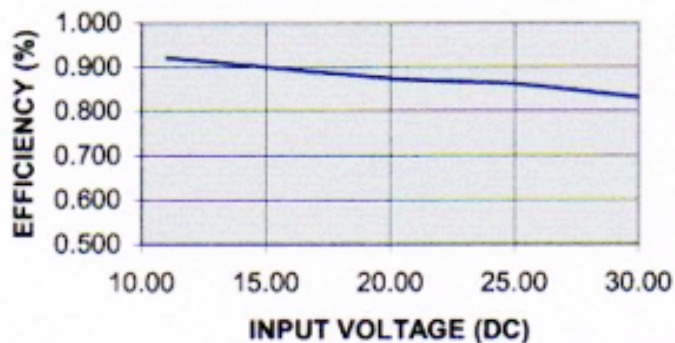
## Electrical Specifications @ 25°C

Model NO.	AC input		Output ( LED )			Eff.	Watts
	Voltage(Vrms)		Voltage(V)		Current(mA)	Max.	Max.
	Min.	Max.	Min.	Max.	Typ.	%	(w)
BUCK01-350DM	5	30	1	$V_{in} - 0.8$	$350 \pm 7.5\%$	95	10
BUCK01-700DM	5	30	1	$V_{in} - 0.8$	$700 \pm 7.5\%$	95	20
BUCK01-1000DM	5	20	1	$V_{in} - 0.8$	$1000 \pm 7.5\%$	94	20
BUCK01-1200DM	5	15	1	$V_{in} - 0.8$	$1200 \pm 7.5\%$	94	18
BUCK01-1500DM	5	12	1	$V_{in} - 0.8$	$1500 \pm 7.5\%$	93	18

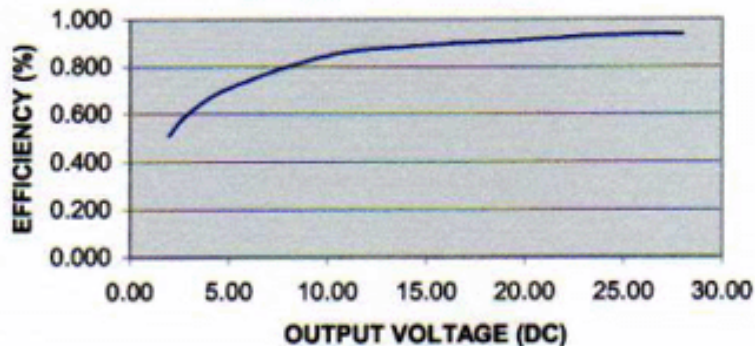
## ENVIRONMENTAL:

- Operating temperature ----- - 40°C to + 65°C
- Storage temperature ----- - 40°C to + 85°C
- Humidity (Non – Condensing) ----- 5% to 95%
- Cooling ----- Convention
- Vibration Frequency ----- 5 to 50 HZ
- MTBF ----- >100,000 Hours at full load and 25°C ambient conditions (MIL-217F)

Efficiency VS. Vin



EFFICIENCY VS. Vout





(BOTTOM VIEW)

