



DC DRIVER BUCK02-DM SERIES



- High Power Constant Current LED Driver.
- Total Power ----- 36 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.

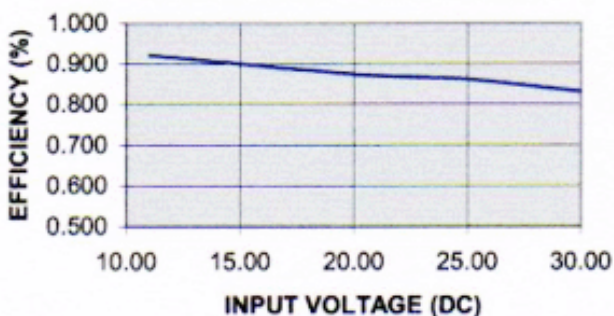
Electrical Specifications @ 25°C

Model NO.	DC input		Output (LED)			Eff.	Watts
	Voltage(Vrms)		Voltage(V)		Current(mA)	Max.	Max.
	Min.	Max.	Min.	Max.	Typ.	%	(w)
BUCK02-1000DM	5	30	1	Vin - 0.8	1000 ± 7.5%	95	30
BUCK02-1200DM	5	30	1	Vin - 0.8	1200± 7.5%	95	36
BUCK02-1500DM	5	24	1	Vin - 0.8	1500 ± 7.5%	94	36
BUCK02-1800DM	5	18	1	Vin - 0.8	1800± 7.5%	94	32
BUCK02-2000DM	5	15	1	Vin - 0.8	2000 ± 7.5%	93	30

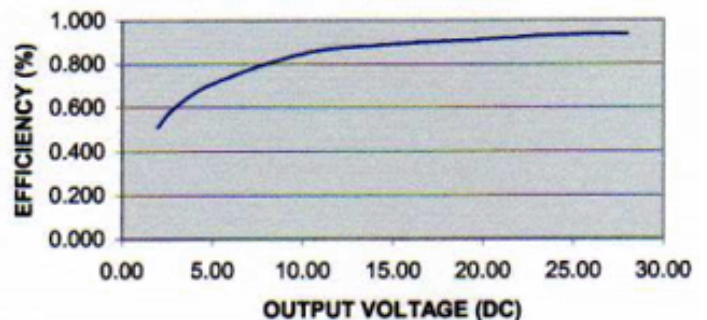
ENVIRONMENTAL:

- 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





Mechanicals

BUCK02-DM

(BOTTOM VIEW)

