

# LED Driver

## High Power Constant Current LED Driver

|                   |               |
|-------------------|---------------|
| Total Power       | 26 Watts max. |
| Input Voltages    | 10 ~ 40VDC    |
| Number of Outputs | One           |

# Product Specifications

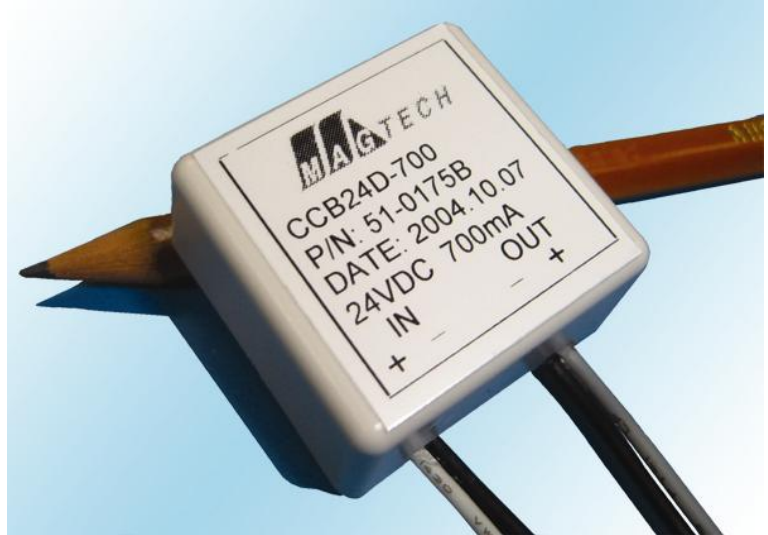
ANZ#: Z105c, January 16, 2006

## SPECIAL FEATURES

- Compact size that maximize design flexibility.
- 1.22" x 1.26" x 0.59" (LxWxH)
- Suitable for wet, damp and dry locations
- High efficiency reduce total power consumption
- Tight regulated constant current output to maximize the LED performance
- Wide range of input voltage from 10 ~ 40VDC
- Wide selection of pre-adjusted C/C outputs

## ENVIRONMENTAL

|                            |  |
|----------------------------|--|
| Operating temperature:     | -40 to +60 ° C   |
| Storage temperature:       | -40 to +80 ° C   |
| Humidity (Non-Condensing): | 5% to 95%  |
| Cooling:                   | Convection   |
| Vibration Frequency:       | 5 to 50 Hz   |
| MTBF:                      | >100,000 Hours at full load and 25°C ambient conditions (MIL-217F) |



Picture shown above is not to scale

## MODEL : CC4036Dy-zzzz (CC4036DP-350,CC4036DP-700,CC4036DP-1000)

| DC Input Voltage | DC output working Voltage | Output (Note1) Constant Current | Watts Max. | DC Input Voltage | DC output working Voltage | Output (Note1) Constant Current | Watts Max. |
|------------------|---------------------------|---------------------------------|------------|------------------|---------------------------|---------------------------------|------------|
| 40Vdc            | 2~36V                     | 300~350mA                       | 13W        | 28Vdc            | 2~24V                     | 300~1000mA                      | 24W        |
| 40Vdc            | 2~32V                     | 300~700mA                       | 22W        | 24Vdc            | 2~22V                     | 300~1000mA                      | 22W        |
| 36Vdc            | 2~30V                     | 300~700mA                       | 21W        | 15Vdc            | 2~13V                     | 300~1000mA                      | 13W        |
| 32Vdc            | 2~28V                     | 300~700mA                       | 20W        | 12Vdc            | 2~11V                     | 300~1000mA                      | 11W        |
| 30Vdc            | 2~26V                     | 300~1000mA                      | 26W        | 10Vdc            | 2~ 9V                     | 300~1000mA                      | 9W         |

Note1 : Output Constant Current can be adjusted at factory before shipping.

## MODEL INFORMATION :

CC4036xye-zzzz ( Single DC Output )

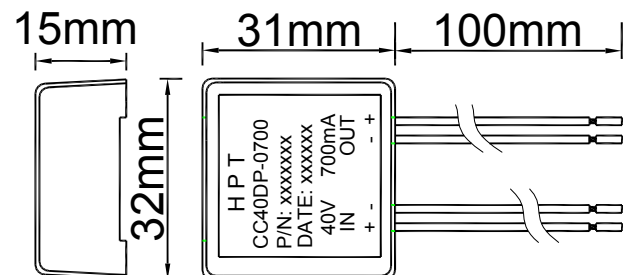
x = D- DC input .

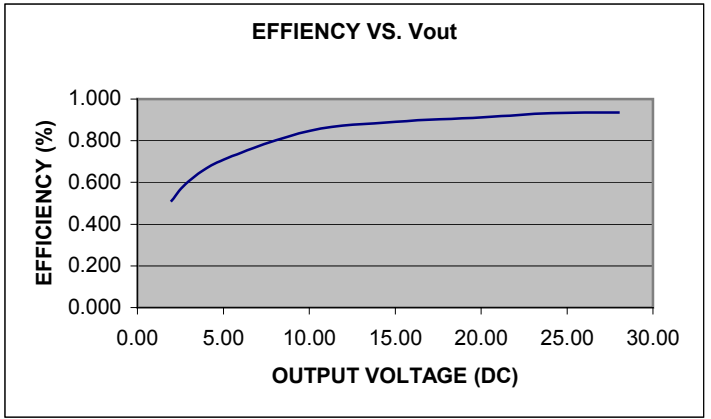
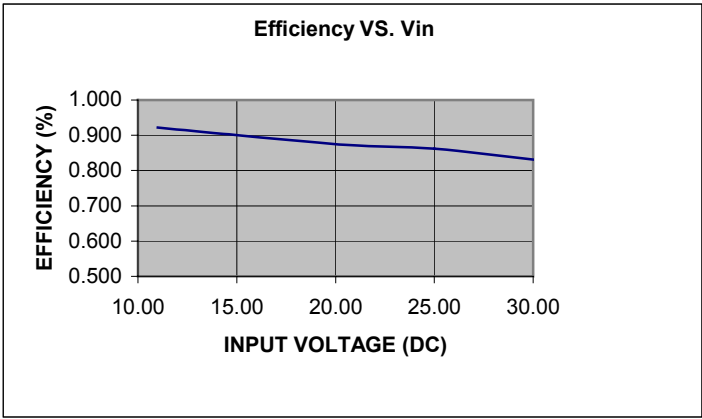
y = P- plastic housing (31x32x15mm), E- Not Defined

zzzz = 0350- 350mA , 0500- 500mA , 0700- 700mA , 1000- 1000mA Constant Current Output.

## MECHANICAL DRAWING:

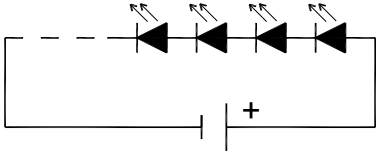
P-Plastic Housing





**APPLICATION EXAMPLE:**

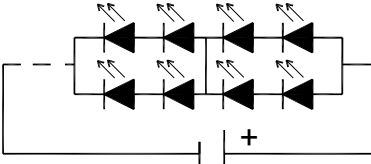
1W LED - 9 pcs



36Vdc/ 350mA

3W LED - 8 pcs

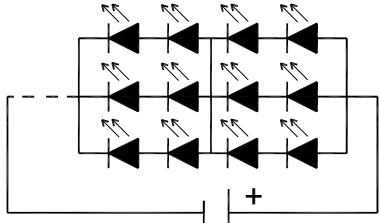
1W LED - 16 pcs



32Vdc/ 700mA

5W LED - 6 pcs

1W LED - 18 pcs



24Vdc/ 1000mA

