

The items shown are provided as part of a total integrated Philips Gardco Solar area lighting system only. Factory quotation and factory preparation of submittals are required. Submittals apply to the factory quotation number shown above only. Contact your Philips Gardco representative for further assistance.



# Solar Area Lighting System - LED

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Solar Driver<sup>1,2</sup>

## DRIVER

**MCD** SoBright™ Micro Constant Control Driver (MCD-350-24)

## FEATURES

SoBright™ Micro Constant Control Driver (MCD-350-24) uses a constant current control method from a 12 or 24 volt DC power source, and is a class 2 power supply. a single driver puts out 350mA of current.

When used in conjunction with a SoBright™ MPT Controller, any of 256 digital levels may be dialed in to precisely control the light output. The MPT controller offers advanced timing and energy management options.

## WIRE COLORS

Black Stripe:	LED Lamp +
White :	LED Lamp
Red (2):	+12 or +24V input
Black (2):	Ground
Blue (2):	Control Signal

## CONNECTOR COLORS

Black / White	LED
Green Plug	MPT Controller
Green Cap	Next LED Driver

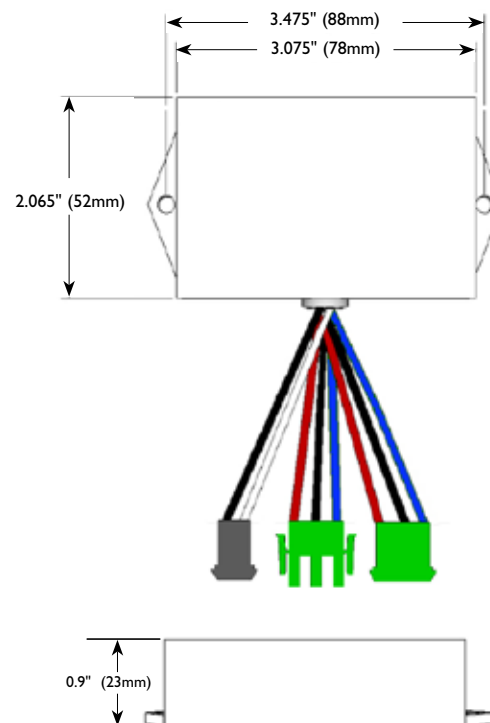
## ELECTRICAL SPECIFICATIONS

Input Voltage:	10.5 to 32VDC
Input Current:	10A max
Output Voltage:	40VDC max
Drive Method:	Constant Current
Lamp Current:	350mA
Control Signal In:	5V 32V PWM (< 2kHz) or DC
Output Type:	Class 2
Protections:	Short circuit, reverse polarity, voltage spikes: input and output.

## IMPORTANT NOTES

1. Solar equipment is manufactured by SolarOne® Solutions, Inc. Equipment is available only as part of a total Philips Gardco Solar Area Lighting System. A Philips Gardco factory quotation for the system must be obtained prior to ordering.

2. Solar equipment warranty provided by SolarOne® Solutions, Inc.



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