

# DIMMING CONTROL MANUAL

## SM-DC-01-1



**SUNMASTER®**  
TAILORED SPECTRUM

The SM-DC-01-1 is a low-voltage dimming controller intended for use with Sunmaster LED horticultural fixtures. This product provides dimming capabilities only. Fixtures must be turned on and off through main power.

## SPECIFICATIONS

Input . . . . .100-277V, 5A

Output . . . . .1-10V, max 15mA

Max fixtures per circuit . . . . .50

Ingress protection . . . . .IP 65 (Water Resistant)

## SET UP

- Assure that all fixtures in a series are orientated such that the female connectors are facing the same direction (See Fig 1)
- Connect fixture to fixture using Sunmaster cables SM-CCF10V-6-1
- Plug end of SM-DC-01-1 control quick connect (orange ring at end of cable) into first fixture in series
- Plug main power of SM-DC-01-1 into 120V to 277V outlet.  
*Note:* outlet should have constant power
- Follow directions on SM-GW-01-1 to download app and connect to controller through gateway.

## NOTES / TROUBLESHOOTING

- Main voltage plug from controller should be plugged into 120V to 277V socket in a dry area.
- If power is interrupted to controller, dimming mode must be reset via mobile device app

Controller



Square Root Fixture

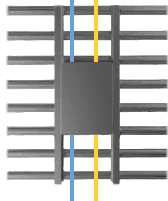


Control cable



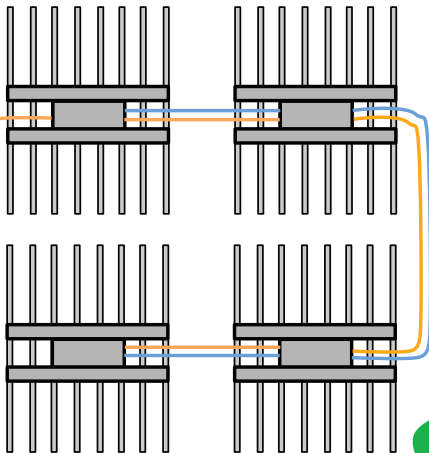
To power

To controller



Control

All male/female control sockets should face in the same direction to create a loop





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FOR TECHNICAL SUPPORT:

**855-562-1008**

*Email: [info@SUNMASTERGrowLamps.com](mailto:info@SUNMASTERGrowLamps.com)*

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