Omega Series Controls
HUNT Simplicity® Architectural Full Range Fluorescent Dimmers
for use with Electromagnetic Fluorescent Lighting
120V and 277V

Product Description:
• Commercial-grade wall controls for T12 fluorescent lamps (compatible ballast required—see below).
• Ivory and white standard colors; custom colors available.
• No exposed heat sink.
• Limited one-year warranty.

Features:
• Easy-to-operate, smooth-sliding linear control.
• Solid-state circuitry.
• RFI filter.
• UL Listed.
• Fits in a standard 2" deep single-gang back box.
• Maximum number of lamps controlled by one dimmer:
  SCF-5, SCF-527: 12 lamps
  SCF-10: 18 lamps
  SCF-1027: 20 lamps
  SCF-15: 28 lamps
  SCF-1527: 30 lamps

Compatible Ballasts

<table>
<thead>
<tr>
<th>120V</th>
<th>277V</th>
</tr>
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<tbody>
<tr>
<td>GE-Valmont 8G-1718</td>
<td>Advance Dim 240-H-TP (2 lamp)</td>
</tr>
<tr>
<td>GE-Valmont 8G-5001</td>
<td>Universal 550-L</td>
</tr>
<tr>
<td>GE-Valmont 8G-5007 (2 lamp)</td>
<td>Universal 550-L-TC-P</td>
</tr>
<tr>
<td>Advance Dim 140-H</td>
<td>Universal 502-A (2 lamp)</td>
</tr>
<tr>
<td>Advance Dim 140-H-TP</td>
<td>Universal 502-A-TCF-P (2 lamp)</td>
</tr>
<tr>
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<tr>
<td>Universal 679-L-TC-P</td>
</tr>
<tr>
<td>Universal 678-A (2 lamp)</td>
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</table>

Dimensions:
SCF-5, SCF-10, SCF-527, SCF-1027 faceplate dimensions: 3"W x 4 ½"H
SCF-15, SCF-1527 faceplate dimensions: 4 ¾"W x 4 ½"H
Backbox dimensions on all models: 1 5/8" x 2 5/8" x 1 3/8"
Installation and Wiring Instructions
for HUNT Simplicity®
Architectural Electromagnetic Fluorescent Controls
Single Pole and Three Way
120V, 60Hz

These dimmers are designed for electro-magnetic fluorescent, permanently installed fixtures using an approved ballast (see below) and rapid start 40 watt lamps.

Models:
A-Line Series: AF-5, AF-5-3W, AF-10, AF-15
Accent Series: ASF-5, ASF-5-3W, ASF-10, ASF-15
Omega Series: SCF-5, SCF-10, SCF-15

Load: (A minimum load of two (2) lamps is required)
AF-5, AF-5-3W, ASF-5, ASF-5-3W, SCF-5; 12 lamps
AF-10, ASF-10, SCF-10; 18 lamps
AF-15, ASF-15, SCF-15; 28 lamps

Caution:
To reduce the risk of overheating and possible damage to other equipment, do not install to control a receptacle, a motor-operated appliance, or a transformer-supplied appliance.

Avertissement:
Pour réduire le risque de surchauffes et les dommages possibles à l'autre équipement, ne pas installer pour contrôler une prise, un appareil moteur-fonctionné, ou un transformateur d'alimentation magnétique appareil fourni.

Read Carefully Before Installing Dimmers:
To avoid fire, personal injury, and/or damage to dimmer, turn power OFF at circuit breaker and test that power is OFF before wiring.

Notes:
1.) Fins must be mounted in vertical position and must not be recessed into the wall. When stacking dimmers or mounting one above the other, allow a minimum of three inches of clear wall space between the upper and lower finned plates.

2.) The aluminum chassis of this lighting control is designed as a heat sink to dissipate heat generated by the proper functioning of the circuit components. The fins may be very warm to the touch when the lighting control is operating at its maximum rated load. This is normal operation and does not indicate malfunction.

3.) Due to electro-magnetic radiation produced by all solid state lighting controls, the load, dimmer, and connecting wires should be located as far away as possible from radios, intercom units or public address systems. Six feet is the recommended minimum distance.

4.) Burn-in lamps at fullbright for a minimum 100 hours before attempting to dim and adjust trim.

5.) Dimmers may be ganged in any combination. See reverse for derating and wallbox size.

Wiring Diagrams: See reverse side.

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(Additional ballasts may also be compatible with this dimmer. Call HUNT to verify compatibility.)

Hunt Control Systems, Inc.
200 Rome Court
Fort Collins, CO 80524
Ph: (970) 484-9048
www.huntdimming.com
Wiring Diagrams and Ganging Information
for HUNT Simplicity®
Architectural Electromagnetic Fluorescent Controls
Single Pole and Three Way
120V, 60Hz

Standard Installation
Single Pole Wiring Diagram

Three Way Wiring Diagram

GANGING:
When ganging two dimmers, break off the inside fins; when ganging three or more, break off the inside fins of the outer units, and both sides of the inner unit(s). Break off as shown.
Derating of 10% per side is necessary when fins are removed.

Wallbox Requirements For Ganging

<table>
<thead>
<tr>
<th>Number of single gang units</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
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<tbody>
<tr>
<td>Minimum size wall box required (in gangs)</td>
<td>0</td>
<td>1</td>
<td>3</td>
<td>5</td>
<td>7</td>
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<tr>
<td>Number of double gang units</td>
<td>1</td>
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<td>8</td>
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LOW END BRIGHTNESS ADJUSTMENT
THE LOW END BRIGHTNESS IS FACTORY ADJUSTED. IF NOT SATISFACTORY, IT MAY BE TRIMMED AS FOLLOWS:
Rotate dimmer control knob to full counterclockwise (with unit turned on). Adjust trim to desired brightness with a small screwdriver.

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These dimmers are designed for electro-magnetic fluorescent, permanently installed fixtures using an approved ballast (see below) and rapid start 40 watt lamps.

Models:
A-Line Series: AF-527, AF-527-3W, AF-1027, AF-1027-3W, AF-1527
Accent Series: ASF-527, ASF-527-3W, ASF-1027, ASF-1027-3W, ASF-1527
Omega Series: SCF-527, SCF-1027, SCF-1527

Load: (A minimum load of two (2) lamps is required)
AF-527, AF-527-3W, ASF-527, ASF-527-3W, SCF-527: 12 lamps
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AF-1527, ASF-1527, SCF-1527: 30 lamps

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