

# Unity Architectural Dimmers

- 4 Dimmable Circuits
- Operation Integrated with AR1202
- Zero Crossing Solid State Switching
- AR1202 / AR602 Interface Cable Provided
- Unit can be supplied as a 2 Channel Expander Module AE2020

**AE4020**  
Dimmer Expander Module



Flexible, powerful, and affordable, this easy to install and use architectural system is equally at home in churches, schools, theaters, hotels, etc.

The AE4020 is a four channel add on product for the AR1202 Unity Architectural dimmer. It provides control for incandescent lighting fixtures and 2 wire dimmable fluorescent lighting ballasts. The AE4020 provides four 2400 Watt channels of dimmed 120VAC. It is controlled by a interface with the AR1202 control circuitry. The AR1202 uses its four auxiliary channels (13 - 16 ) to control the AE4020.

SPECIFICATIONS			
Circuits/Capacity:	4 at 2400 Watts each	Control Sources:	Pulse Width Modulated Signals from AR-1202RTC
Power Input:	4 Hots of 120VAC, 20 Amps each + Neutral and Ground	Output Signal:	4 circuits of dimmed 120VAC, 20 Amps
Circuit Breakers:	20 Amp Fast Acting Magnetic	Size:	18.5"H x 15"W x 4"D
Cooling:	Integral Heat Sink	Weight:	10 Pounds
Control Wiring:	12' Harness provided		

### Architect & Engineer's Specifications

The unit shall be a 4 circuit add-on product for the AR1202 dimmer. The unit shall provide four 2400 Watt circuits of dimming which shall be interfaced to the AR1202 control circuitry. The AR1202 shall use its 4 auxiliary channels (13 - 16) to control the AE4020. When installed, the unit shall become a fully integrated extension of the AR1202 and shall be addressed and programmed as 4 normal dimming channels.

Dimensions are 18.5"W x 15"H x 4"D, the weight is 10 pounds.

The dimming system shall be a Lightronics AE4020.

To view and/or download the Owner's Manual click here: [www.lightronics.com/manuals/ae4020m.pdf](http://www.lightronics.com/manuals/ae4020m.pdf)