

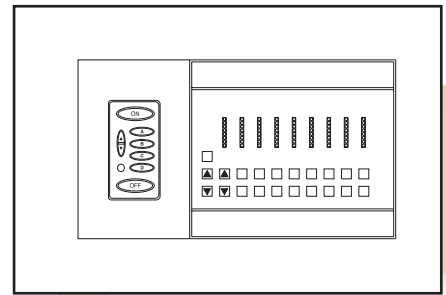
OMADMX

AVARA™ Downlight Controller

CAT. NO:

TYPE:

PROJECT:



OVERVIEW

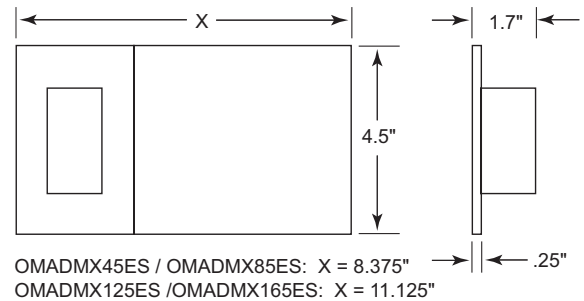
The AVARA™ Downlight Controller provides easy programming and operation of AVARA™ Color Mixing Downlights. Designed with the user in mind, the AVARA™ Downlight Controller has been programmed with 32 of the most popular colors, allowing users to scroll through color selection and program scenes within seconds. The AVARA™ Downlight Controller provides individual control of color and intensity for each fixture channel, and is available in 4, 8, 12, and 16 channel capacities. Multiple AVARA™ Downlights may be placed on a single fixture channel.

The AVARA™ Downlight Controller provides 13 user-programmable scenes. Each scene stores a specific color and intensity for each fixture channel, and a scene fade rate from instant to one hour.

Scenes may be programmed by the end user, or may be individually locked to prevent tampering. The AVARA™ Downlight Controller may be placed into auto-cycle mode to cycle through up to 13 scenes to create chase sequences. Dry contact inputs on the AVARA™ Downlight Controller allow triggering of scenes or activation of the auto-cycle mode from external sources.

A full series of LED indicators show channel intensity and color selection for each fixture channel, fade rate indication, and scene selection. The attractive blue LED backlit ellipse buttons complement any décor.

The AVARA™ Downlight Controller connects to AVARA™ Downlights using a single data cable and receives power from the fixture over the same data cable. No other controller is as easy to use, program, or install. All AVARA™ products are proudly engineered and manufactured in the USA, and include a three-year limited warranty.



FEATURES

- Available in 4, 8, 12, and 16 Fixture Channels.
- 13 Scenes plus "Off".
- Exclude any channel from any preset.
- Individual Raise/Lower control for each fixture channel.
- Master Raise/Lower control for all fixture channels.
- LED Channel Intensity display.
- Adjustable Fade Time from Instant to 60 minutes, with instant override.
- LED Fade Rate display.
- Auto-Cycle mode for 5, 8 or 13 scenes.
- Cinema Cycle triggers one-time scene sequence.
- Lock presets or entire panel, from the Master or from a Remote.
- Infrared remote control available.
- Includes rugged ABS screwless faceplate.
- Blue illuminated buttons with adjustable LED intensity.
- Custom engraved keypads and faceplates available.
- Powered directly from the AVARA™ luminaire.
- Non-volatile memory retains settings in the event of power loss.

STANDARD COLOR SELECTIONS

Color	Cyan	Yellow	Magenta	Color	Cyan	Yellow	Magenta
0 - White	0	0	0	16 - Pale-Orange	0	203	123
1 - UV Blue	255	0	255	17 - Pink-Orange	0	219	181
2 - MoonBlue	220	0	220	18 - Apricot	0	203	152
3 - Cyan	255	0	0	19 - Pink	0	177	210
4 - Light Cyan	216	0	0	20 - Magenta	0	0	255
5 - Blue-Green	255	165	0	21 - Red	0	255	255
6 - Green-Blue	255	192	0	22 - Light Magenta	0	0	191
7 - Green	255	255	0	23 - UV Magenta	167	0	255
8 - Light Green	208	208	0	24 - Dark-Magenta	152	0	255
9 - Green-Yellow	194	234	0	25 - Pale Blue	114	0	0
10 - Yellow-Green	171	234	0	26 - Amber	0	76	102
11 - Yellow	0	255	0	27 - Pale Pink	0	0	89
12 - Light Yellow	0	192	0	28 - Pale Yellow	0	50	0
13 - Yellow-Orange	0	241	88	29 - Soft Green	76	50	0
14 - Orange-Yellow	0	255	127	30 - Soft Lavender	76	0	50
15 - Orange	0	223	141	31 - Soft Blue	50	0	0

CATALOG SYSTEM

EXAMPLE OF COMPLETE CATALOG NUMBER: **OMADMX85ES**

Avara Master Controllers

- OMADMX45ES - 4 fixture controller^{1,2}
- OMADMX85ES - 8 fixture controller^{1,2}
- OMADMX125ES - 12 fixture controller^{1,2}
- OMADMX165ES - 16 fixture controller^{1,2}



1. Controllers require rough-in box. Ordered separately.
OMCLB8 - Rough-in box for 4 & 8 channel controller.
OMCLB16 - Rough-in box for 12 & 16 channel controller.
2. Available with Remote.
OMCL8RES - 8 Button Remote (use with Master for one touch access-13 scenes).

OMEGA LIGHTING: 776 South Green St., Tupelo, MS 38804 Phone 662.842.7212 FAX 662.841.5501

Omega Lighting is a Philips group brand

PHILIPS

SPECIFICATIONS

The AVARA™ Downlight Controller shall provide individual control of up to 32 colors and intensity for each AVARA™ fixture channel, and master intensity raise/lower control for all channels. Both channel color and channel intensity shall be indicated by an LED bar graph display. The Downlight Controller shall provide adjustable fade times from instant to 60 minutes, and shall indicate fade time by an LED bar graph display.

The AVARA™ Downlight Controller shall provide 13 scenes plus "Off". Scenes shall be selected by illuminated push buttons on the Downlight Controller, or by an AVARA™ Remote Station. The AVARA™ Downlight Controller shall be capable of Auto-Cycling through up to 13 scenes upon external trigger or activation of Cycle Mode. The Downlight Controller shall allow individual scenes to be locked to prevent accidental re-programming. The Downlight Controller shall also allow the entire unit to be locked, preventing unauthorized operation.

The AVARA™ Downlight Controller shall provide dry contact inputs to allow activation of scenes, auto-cycle mode, and "Off".

The AVARA™ Downlight Controller shall provide DMX pass-through capability, to allow DMX data to enter the Downlight Controller, and then exit the controller unaffected.

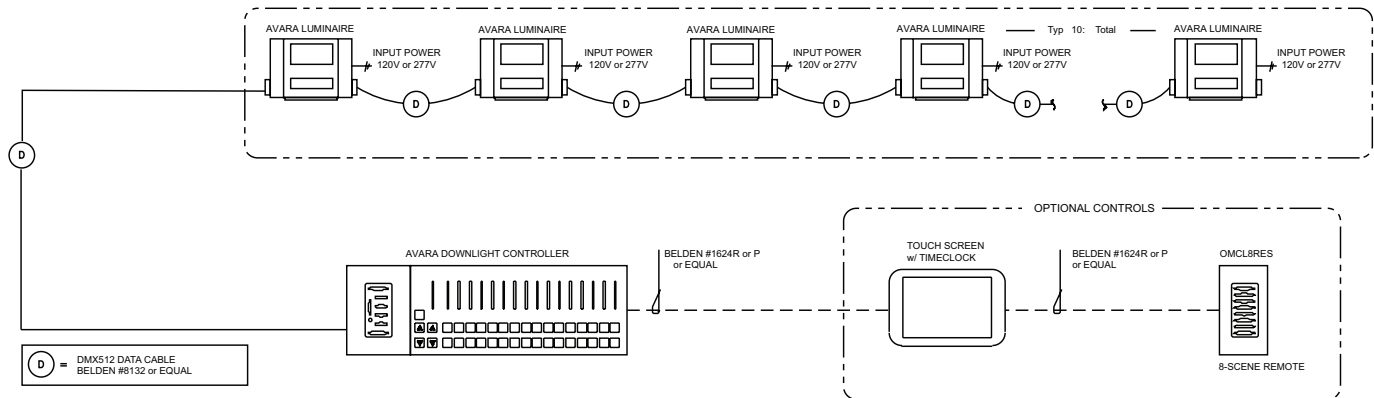
The AVARA™ Downlight Controller shall connect to the AVARA™ Luminaire network using Belden #8132 data cable or equivalent. All data and power for the Downlight Controller may be supplied on the data cable.

The Downlight Controller shall contain on-board processing and firmware, and shall be capable of full operation without the use of a centralized processor or data enabler. The Downlight Controller shall retain all settings in non-volatile memory, and shall return to previous state when power is restored.

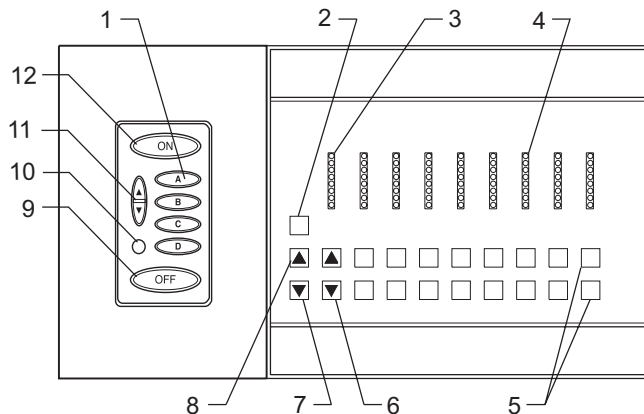
The AVARA™ Downlight Controller shall incorporate field replaceable, rugged ABS faceplates and doors.

The AVARA™ Downlight Controller shall be engineered and manufactured in the United States and shall include a three-year limited warranty.

TYPICAL WIRING DIAGRAM



BUTTON IDENTIFICATION



1. Illuminated scene-select push buttons
2. SET (Learn) push button
3. LED Fade-rate indication
4. LED Channel intensity indication
5. Individual channel raise / lower push buttons
6. Fade-rate adjustment push buttons
7. Color Select Button (F2)
8. Intensity Select Button (F1)
9. Illuminated OFF push button
10. Infrared Receiver
11. Master channel raise / lower push buttons
12. Illuminated ON push button

Additional photometric test files are available @ omegalighting.com