

# ADVANTAGE ENVIRONMENTAL LIGHTING

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<b>Catalog #</b>	
<b>Project</b>	
<b>Date</b>	
<b>Type</b>	

## DESCRIPTION

The APP Series is a Perforated Fluorescent Pendant Mount Linear fixture available for stand-alone or continuous run applications. It is available for continuous run mounting. Driven by performance and a clean aesthetic, the APP series represents the ultimate in simplicity; a narrow, uniform line of light. Constructed with premium materials with industry leading technology, the APP Series is available in configurable runs. The APP Series integrates seamlessly with today's modern building management systems. With virtually unlimited applications, the APP Series allows architects and designers the freedom to experiment with their designs without exceeding ever decreasing energy budgets.

## PRODUCT SPECIFICATIONS

### APPLICATIONS

The APP Series were designed to be high quality, energy efficient fluorescent fixtures for use in corridors, offices, government facilities, schools, and public areas.

### OPTICAL SYSTEM

White polyester polymer finish with a high reflectivity. A computer designed optical system that maximizes the output of the lamps producing very wide distribution for even ceiling brightness with mounting from 12 to 18 inches from the ceiling.

### MOUNTING

Designed to mount on exact 4 foot and 8 foot centers. Joiners will accept stems, single cable and power cords as supplied by others.

### CONTROLS

The fixture is compatible with 0-10V dimming controls.

### CONSTRUCTION

The fixture is constructed of a heavy gauge cold rolled steel body. Units are shipped with die cast aluminum joiners installed for structural continuity and for attaching other units for continual runs or end caps. Architectural ends. There are two die cast aluminum designs available, "shovel spade end" and "flat end" configurations. They are bolted to the die cast joiners for a complete architectural look.

### ELECTRICAL SYSTEM

Standard 120-277V electronic instant start ballasts for T8 lampping, ≤10% THD. Standard 120-277V electronic program start ballasts for T5 lampping, ≤10% THD. 50-60 Hz operation. Sound rated A. Thermally protected. Automatic resetting Class P. High Power Factor. Non PCB.

### LISTINGS

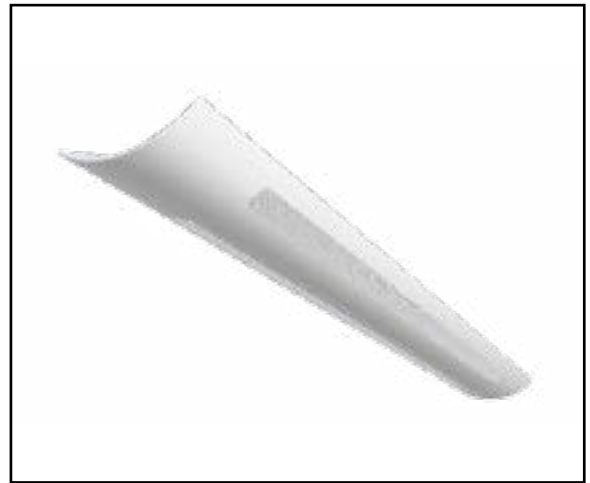
UL and cUL Listed. Damp location rated.

### WARRANTY

5-Year Limited Warranty. Complete warranty and terms located at [www.aelnow.com/warranty](http://www.aelnow.com/warranty).

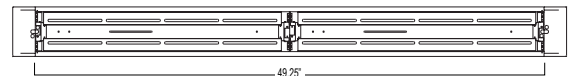
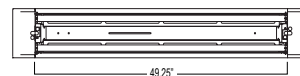
## APP

### HIGH PERFORMANCE PERFORATED FLOURESCENT PENDANT MOUNT LUMINAIRE



## FIXTURE DIMENSIONS

### FIXTURE DIMENSIONS



SS Spade Nose End Caps add 4.25" per end to overall length.  
FE Flat End Caps add 3.00" per end to overall length.

### AEL -- Advantage Environmental Lighting

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For informational purposes only. Specifications are subject to change without notice. See [www.aelnow.com](http://www.aelnow.com) for the most current fixture specifications available.  
Website: [www.aelnow.com](http://www.aelnow.com)

**The AEL Now Promise to Our Customers:**  
**Environmental Commitment**  
**Exceptional Product Quality**  
**Unsurpassed Customer Service**

## LUMINAIRE SPECIFICATION

Example: APP25480MLFE  
 Emergency Options: EM5  
 Harness Options: FW

SERIES	LAMPS	WATTAGE	VOLTAGE
APP = SINGLE APPT = TANDEM	2	28T5 = 28W T5 28T8 = 28W T8 32 = 32W T8 54 = 54W T5	M = MULTIVOLT (120-277 VAC)

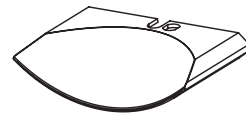
BALLAST OPTIONS	END CAP OPTIONS	EMERGENCY OPTIONS	HARNESS OPTIONS	AIRCRAFT/RIGID PENDANTS	AIRCRAFT HANGAR NO WIRE WAY
<b>BLANK</b> = NORMAL instant start <b>L</b> = LOW instant start <b>H</b> = HIGH instant start  <b>EBPL</b> = ELECTRONIC BALLAST PROGRAM LOW <b>EBPN</b> = ELECTRONIC BALLAST PROGRAM NORMAL <b>EBPH</b> = ELECTRONIC BALLAST PROGRAM HIGH  *CD2LT8 = CONT DIMMING 2L T8 *CD2LT5 = CONT DIMMING 2L T5 **CD4LT8 = CONT DIMMING 4L T8  *SD2LT8 = STEP DIMMING 2L T8 *SD2LT5 = STEP DIMMING 2L T5 **SD4LT8 = STEP DIMMING 4L T8  * 2 LAMP WILL OPERATE 1 AND 2 LAMPS * 4 LAMP WILL OPERATE 3 AND 4 LAMPS Note : when ordering dimming option you must identify 120v or 277v.	<b>FE</b> = FLAT END <b>SS</b> = SHOVEL SPADE END	<b>BLANK</b> = NONE <b>EM5</b> <b>EM7</b> <b>EM14</b> <b>EM14T5</b>	<b>FW</b> = FLEXABLE ARMoured CABLE 6' 16/3 <b>C6SJ</b> = 6' SJ FLEX WHIP 16/3 <b>C10SJ</b> = 10' SJ FLEX WHIP 16/3 <b>WH34</b> = WIRING HARNESS 3 WIRE 4' <b>WH44</b> = WIRING HARNESS 4 WIRE 4' <b>WH54</b> = WIRING HARNESS 5 WIRE 4' <b>WH38</b> = WIRING HARNESS 3 WIRE 8' <b>WH48</b> = WIRING HARNESS 4 WIRE 8' <b>WH58</b> = WIRING HARNESS 5 WIRE 8'	<b>CPPF100</b> = AIRCRAFT HANGER 100" <b>CPPF120</b> = AIRCRAFT HANGER 120" <b>CPPFXX</b> = AIRCRAFT HANGER SPECIAL LENGTH <b>RP1</b> = Rigid Pendant 1" <b>RP2</b> = Rigid Pendant 2" <b>RP3</b> = Rigid Pendant 3" <b>RP6</b> = Rigid Pendant 6"	<b>CP100</b> = AIRCRAFT HANGER 100" <b>CP120</b> = AIRCRAFT HANGER 120" <b>CPXX</b> = AIRCRAFT HANGER SPECIAL LENGTH

## END CAPS

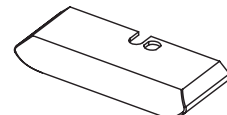
End Caps should be ordered 2 per fixture for stand-alone fixtures or 2 per row for continuous linear rows (# of fixtures x 2, or # of rows x 2). Joiner Plates should be ordered as 1 per the number of fixtures in each row minus 1 (# of fixtures per row minus one)

Part Number	Description
SS	Spade Nose End Cap (one)
FE	Flat End Cap (one)

Spade Nose End Cap



Flat End Cap

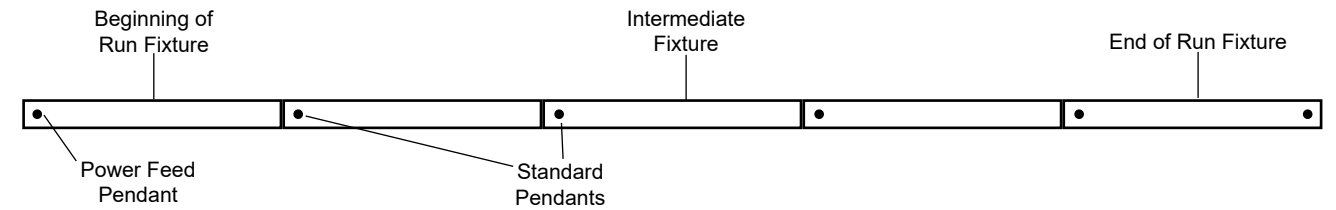


## ROW CONFIGURATIONS

AEL would like to double check your Bill of Material upon placement of your order if the number of rows and their individual row lengths are provided on the purchase order as follows:

- Row 1 - 8'
- Row 2 - 8'
- Row 3 - 24'
- Row 4 - 24'

Please provide any additional pertinent information such as additional power drops required mid-row.



Row Length	4'	8'	12'	16'	20'	24'	28'	32'	36'	40'	44'	48'
Fixture Length 4'	1		1		1		1		1		1	
Fixture Length 8'		1	1	2	2	3	3	4	4	5	5	6
Total Pendants Needed	2	2	3	3	4	4	5	5	6	6	7	7

## PENDANT ORDERING DETAIL

A standard mounting pendant is needed for each fixture, plus one pendant with power feed capability per continuous row or circuit. Contact your AEL representative for additional information.

Pendant	Length
<b>RP</b> Rigid Pendant (Power Feed Capable)	<b>XX</b> Specify Pendant Length (Replace "XX" with Row Length. Must Be Ordered in 1' Increments)
<b>CP</b> Cord Pendant (No Power Feed)	
<b>CPPF</b> Cord Pendant (Power Feed Capable)	

