

Project		Catalog #		Type	
Prepared by		Notes		Date	



Metalux

Achieva™ Wrap Selectable NUV (Canada Only)

4' Achieva™ Selectable Lumens and CCT Surface Wrap
Wide 10"

Typical Applications

• Offices • Education • Healthcare • Retail

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Top Product Features

- Selectable CCT and selectable lumens
- Up to 141 lm/w efficiency, ideal for replacing up to 4 lamp fluorescent wraparounds and low-bay linear fluorescents
- 0-10V dimming to 5% standard with 120-347V NUV driver
- Polycarbonate lens is IK06 impact rated
- Suitable for ceiling, wall, or suspension mounting and row mounting

Product Certification



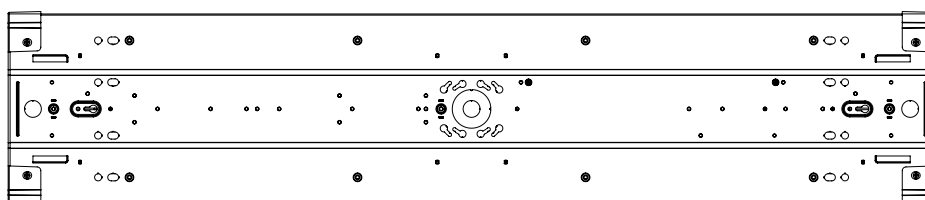
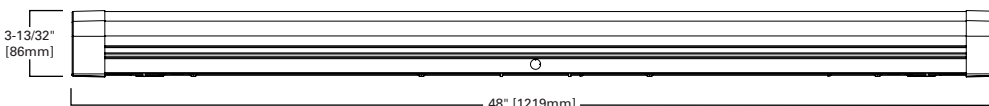
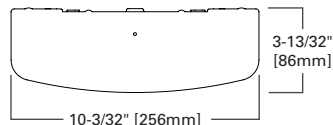
Can be used to comply with California Title 24 High Efficacy requirements.
Certified to California Appliance Efficiency Database under JA8.

Product Features



Dimensional and Mounting Details

4' Wide 10" Round



Order Information and Performance Data

Default CCT/Lumen Setting: 4000K / Med Power

Size	Catalog Number	Lumen Setting	CCT	CRI (Min)	Delivered Nominal Lumens	Watts	Efficacy (lm/W)
4ftx10in	4AOWS-L3C3-NUV	Low	3500K	80	4262.50	32.85	129.76
			4000K	80	4499.30	31.95	140.83
			5000K	80	4327.30	33.10	130.75
		Medium	3500K	80	5116.30	40.94	124.97
			4000K	80	5384.70	39.18	137.43
			5000K	80	5127.50	40.89	125.40
		High	3500K	80	6144.45	50.43	121.80
			4000K	80	6567.8	48.36	135.81
			5000K	80	6180.02	50.43	122.55

Accessories (order separately) ⁽²²⁾

Y-TOGGLE-10 2PK=(2) Y-Toggle Cable Kits at 10FT long
SCF=Fixed Stem Set (Specify Length)
SCS=Swivel Stem Set (Specify Length)
CLC-AWS-EXT-B=(1) AWS 5.5" Row Mount Bracket Kit
CLC-AWWS-EXT-B=(1) AWWS 10" Row Mount Bracket Kit

Notes

(22) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

Achieva Shipping Data

Size	Fixture Net Weight	Fixture Gross Weight	Fixture Dimension	Carton Dimension	Carton QTY
4ft x 10in	4.38	5.07	121.9 x 25.3 x 8.8	125.5 x 26 x 9.5	1

Achieva options

Catalog	Description	Example	Notes
WLS	WaveLinX LITE Wireless Integrated Sensor	4AWS-L3C3-UNV-WLS	Sensor Integrated into end cap
WPS	WaveLinX PRO Wireless Integrated Sensor	4AOWS-L3C3-UNV-WPS	Sensor Integrated into end cap

Note: Sensor option for 120-277V applications only. UNV model will be used and shipped out of the USA.

Product Specifications

Construction

- Cold rolled steel die form housing with finished ends
- Post painted with matte white powder coating
- High-impact plastic end caps

Shielding

- Smooth frosted ribbed polycarbonate IK06 rated lens
- Standard LED blended for wide area coverage
- Replaces 2 through 4 lamp fluorescent wraps or low-bay fluorescent linear fixtures

Installation

- Surface (wall or ceiling) mount via junction box or direct to surface
- Suspension mount capable using standard Y-toggle mounting kits
- Designed for continuous row mounting for end to end light with row mount bracket accessory kits

Electrical

- Projected life of L70 at 50,000 hours
- Efficacy up to 141 lm/W
- 0-10V dimming down to 5%

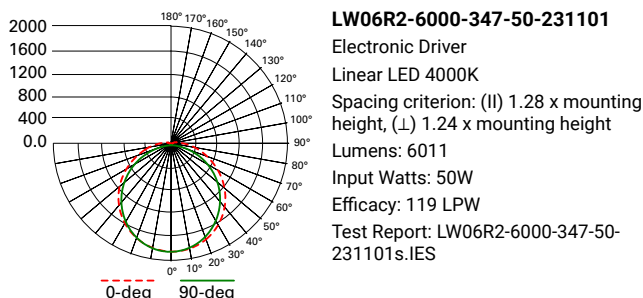
Compliance

- UL/cUL listed for damp location
- Rated for -4F (-20C) to 104F (40C) ambient operating temperatures
- RoHS compliant
- LED complies with IESNA LM-79 and LM-80

Limited Warranty

- Five year limited warranty

Photometric Data

[View IES files](#)


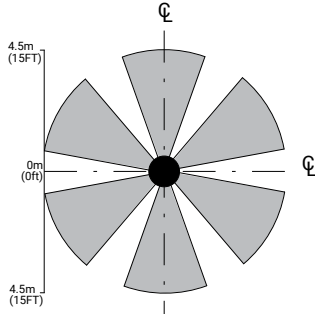
Control Solutions

- WaveLinX LITE wireless
- WaveLinX PRO wireless
- WaveLinX CAT wired
- WaveLinX Wired

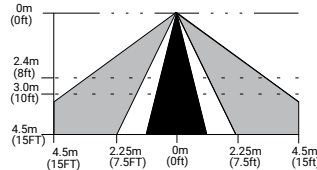


Integrated Sensor Coverage Pattern

TOP VIEW:



SIDE VIEW:



Note: Installation of integrated sensors within 3-ft (1m) of HVAC air vents is not recommended. The pattern shown is intended solely as a general guide and is not to scale.

The AWS with WaveLinX offers no-hassle lighting control with multiple luminaire level control solutions.



WaveLinX PRO is a wireless lighting control solution, for connected spaces, that significantly reduces a building's energy consumption. From a single floor to an entire campus, WaveLinX PRO connects more than lighting assets; it shares aggregated sensor data with the WaveLinX CORE platform and other building systems, so building owners can improve operations, spaces environment, and tenants' experience. WaveLinX PRO offers a rich portfolio of wireless devices, WaveLinX PRO-enabled luminaires, and an intuitive WaveLinX mobile app for office, education, warehouse, and parking garage applications.

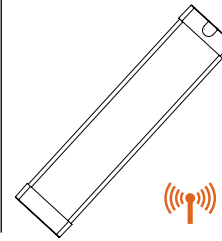


WaveLinX LITE is a cost effective, wireless digital lighting control solution, with out-of-the-box functionality, that saves energy and meets code. It's designed for applications that require occupancy-based, daylighting, or manual light control. Customize installations for office, education, warehouse and parking garages using the secure, simple mobile app.

With Integrated WaveLinX Sensor



With Integrated WaveLinX Node



Add a hidden WaveLinX sensor node (WPN, WLN) to your space lighting design!

Allows to:

- Keeps luminaire aesthetics
- Connect fixtures without the realstate to include sensor option such as downlights
- Connect sealed fixtures without a standard sensor option such as products for clinical space.

Integrated Controls Options

Option	Out of the Box Functionality	Luminaire Level Lighting Control (LLLC)	Automatic Dimming Photocell	Occupancy Sensing	CCT Control*
WLS	X	X	X	X	
WLN		X			
WPS		X	X	X	X
WPN		X			X

Note: *WaveLinX utilizes scenes to allow users to change an area's fixtures Correlated Color Temperature (CCT) and intensity using a commissioned wireless wallstation scene controller. To enable CCT adjustments through WaveLinX, include WPS or WPN devices in addition to VividTune or BioUp technologies for integrated fixture control. WPS with CCT controls the intensity of the fixture; an additional, externally mounted control device is needed to control the CCT. See [RSP-P-010-347](#)

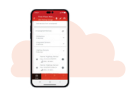
The WNPS option is available with WLS or WPS sensors. Must be specified when ordered. Also note that WLS and WPS are also compatible with ESP-L-010-347 and ESP-P-010-347, respectively. Learn more about WaveLinX EM [here](#).

Systems comparison chart

Cooper Lighting Solutions provides many lighting system solutions designed to satisfy code requirements and meet the unique needs of any project.



Luminaire with standalone sensor



Standalone Spaces WaveLinX LITE



Standalone Spaces WaveLinX CAT



Networked Spaces WaveLinX PRO



Enterprise WaveLinX CORE

Occupancy	Yes	Yes	Yes	Yes	Yes
Daylighting	Yes	Yes	Yes	Yes	Yes
Wallstations	-	Yes	Yes	Yes	Yes
Gateways	-	-	-	1 WAC	300 WACs
Devices (MAX)	-	40 per Area (1120 per space)	40 per Area	200 per WAC2	32,500 per CORE Enterprise
Software	-	WaveLinX LITE Mobile App	WaveLinX CAT Mobile App	WaveLinX Mobile App	CORE
Areas	-	28 per Space	Unlimited	50 per WAC2	up to 3,000
Zones	-	16 per Area	16 per Area	16 per Area	up to 9,000
Scheduling	-	-	-	Local	Global
VividTune™	-	-	-	Yes	Yes
Plug-Load Control	-	Yes	Yes	Yes	Yes
Low-Voltage Power	-	-	Yes	Yes	Yes
Integration	-	-	-	-	BACnet, API
Dashboards	-	-	-	-	Energy, Occupancy
Configuration	-	Installer	Installer	Technician	Technician / IT