Comfort Linear
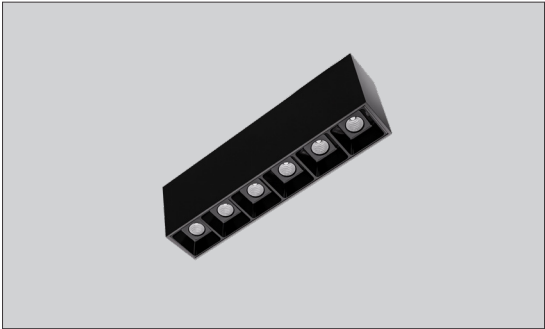## Surface Mounted Linear Downlight

amerlux

PROJECT:	TYPE:

Features

1.5" wide comfort linear downlight provides exceptional visual comfort through the use of molded cellular louver and metallized optics. The slim and low profile fixture with remote driver provides a sophisticated and clean aesthetic.

Product Overview

Type:	Surface Mounted, Direct
Wattage:	15W
Color Temp:	3000K
CRI:	90+ typ.
Dimming (wired):	0-10V, 1% dimming *(standard)*

Certifications

CSA c US

5 year limited warranty
AMERLUX LED

Fixture Summary

Performance Data

Wattage	Lumen Output	LPW	CCT-CRI
15	1034	69	3000K-90+

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Comfort Linear
Surface Mounted Linear Downlight

amerlux

PROJECT:	TYPE:

Ordering Information

EDR-2334-COMLIN-D-WS . CL . SM . 15 . _____ . WF . 309 . _____ . 120/277 . 6C . IND . 0-10V

1 | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12**

1	Model	2	Optics	3	Mounting	4	Wattage	5	Finish - Louver
	EDR-2334-COMLIN-D-WS		**CL** cellular louver		**SM** surface mount		**15** 15W		**B** black **W** white

6	Beam Spread	7	Color Temp	8	Finish	9	Voltage	10	Length
	WF wide flood, 50°		**90+ CRI** **309** 3000K-90+		**HW** high reflectance matte white **BT** black texture **ST** silver texture *For other RAL color, consult factory*		**120/277**		**6C** 6 cell, 8-3/8" in length

11	Configuration	12	Drivers/Controls
	IND individual fixture		**0-10V** 1% analogue dimming, 120-277VAC, dim to off when selected with wireless dimming control

Please contact factory for lead time and availability.

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Comfort Linear
Surface Mounted Linear Downlight

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PROJECT:	TYPE:

Specifications

Construction
One piece extruded aluminum housing is *(1 1/2" wide X 1 7/8" high)*. Die-cast End Caps match fixture body finish. Internal components are die-formed, galvanized and pre-painted cold-rolled steel.

Optical
CL - precision molded metallized optics and molded cellular louvers.

LED
Amerlux's boards and patented connectors with industry recognized LEDs chips enables excellent thermal management and allows Amerlux to offer a 5 year warranty. Our LED binning is within 3 MacAdam ellipse.
Color Temperature Options: 3000K
CRI: , 90+ typical
R9: >50 @ CRI 92
Life: 50,000+ hr., > 70% of initial lumens *(L70)*

Electrical
Standard Wattage: 15W
This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Amerlux® recommends using additional surge protection with this unit (supplied by others), surge damage is not covered under warranty. Emergency circuit via remote inverter or auxiliary emergency power supply (by others).

Finish
All painted surfaces are premium powder coated baked on for maximum durability and color stability.
For special paint colors, supply RAL and/or actual paint chip for factory consultation.

Mounting
SM - Direct Surface Mounted - Housing needs to be attached to solid structure above. Mounting holes are pre-drilled at factory. Some fixture disassembly and reassembly required. Mounting hardware by others.

Certifications
Approved to UL standards for damp locations as tested by CSA
Intended for indoor use only

Warranty
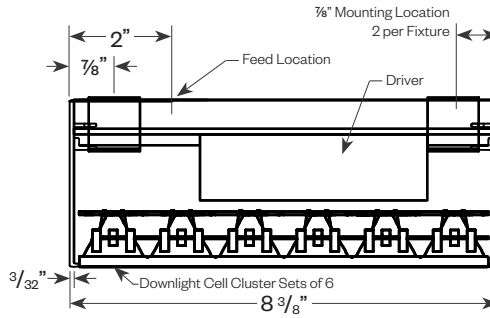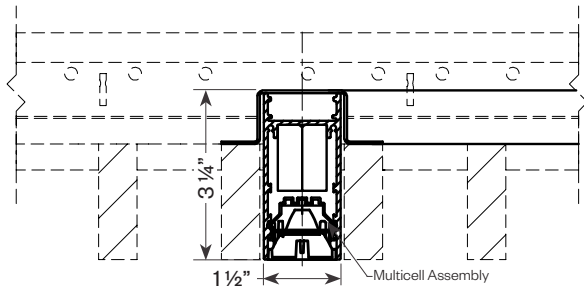Amerlux's 5 year limited warranty. Please consult Amerlux website for details.

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Comfort Linear

Surface Mounted Linear Downlight

PROJECT: **TYPE:**

Product Details

3 ¼"

1 ½"

Multicell Assembly

2"

⅞"

⁷⁄₈" Mounting Location
2 per Fixture

Feed Location

Driver

³⁄₃₂"

Downlight Cell Cluster Sets of 6

8 ³⁄₈"

Delta Intelligent Building Technologies

Comfort Linear
Surface Mounted Linear Downlight

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PROJECT:	TYPE:

Static White - Dimming Compatibility

Amerlux® Linea® fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration *(Dimmer, Fixture Quantity, Voltage, etc)* may affect dimming performance.

--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---
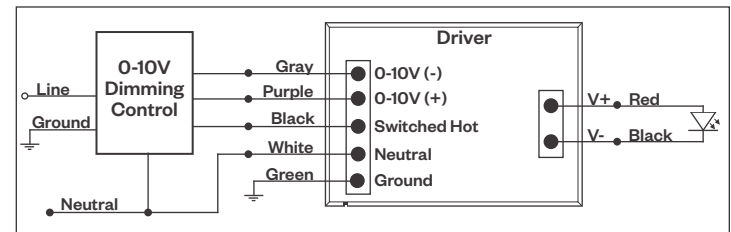
0-10V - DIMMING *(Standard)*
Integrates into a variety of building management and daylighting controls
Notes:
- 120V or 277V*
- Dims down to 1% light output
- Requires interface to turn off power to driver
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**

0-10V Wiring Diagram

Compatible Dimmers†:

Wall Box			Central System
Lutron:	Wattstopper:	Leviton:	Lutron Grafixk Eye with GRX-TV1 Interface
Diva - DVSTV	ADF-120277	Renoir II	
Maestro - MS-Z101			
Nova-T - NTSTV-DV			

Notes:
* Driver is 277VAC dimmable with appropriate dimmer *(by others)*. All provided wiring diagrams show 120VAC wiring colors and method. Please refer to 277VAC dimmer installation instructions for 277VAC wiring diagrams.
† The absence of a dimmer from the lists above does not imply incompatibility. Please consult factory for compatibility inquiries.

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