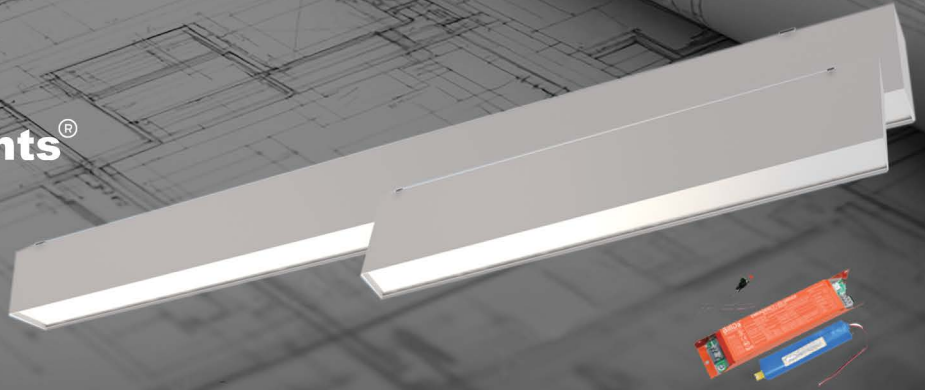## Certified LED Lights®

Product Data Sheet
Architetural linear Lights

Product Overview

This architectural direct / indirect linear strip light is a decorative commercial grade fixture. It offers both wattage and kelvin selectability with several adjustments to set the direct/ indirect light as needed. Designed to be linkable and support multiple mounting solutions (10ft cable kit with canopy plates is standard).

This linear light uses dip-switches to switch between 3 wattage and 3 CCT ranges making it ideal for offices, schools, hospitals, and other indoor spaces. The light engine is comprised of long-lasting, energy-efficient LEDs. In addition to reducing heat dissipation, this setup extends the life of the product. This linear light comes with a 5 year warranty and 50,000 hours from the date of delivery to the end-user, covering light output, color stability, and driver performance.

The ultra lightweight aluminum frame and integrated driver provide seamless light distribution, while providing higher structural integrity. This product is also available with factory installed emergency backup driver.

An independent laboratory tests our lights and LED components to ensure they meet the IESNA LM-79 and LM-80 standards. LED color temperature is warrantied to shift no more than 180K over the standard warranty period. Corre-

Main Features

* CCT: 5 color temperature selectable in the field
* Wattage: 5 adjustable power selectable in the field
* DLC listed
* UL listed for damp location - IP20
* FCC Part 15, class B
* 110 to 116 lumens per watt
* Long-life LEDs provide 50,000 hours of operation
* Universal 100-277 AC voltage (50-60Hz) is standard
* 0-10 V Smooth dimming capability is standard using compatible 0-10V dimming controls for precise light level control.
* A modern 2-inch wide by 3-inch high profile.
Strengthened ultra lightweight 6063 aluminum Frame and steel backboard ensuring clean lines and a high-quality look.
* Available with suspended installation and suspended continuous row-mounting installation.
* Easy Installation – Suspended kits provide an easy and fast pendant mounting
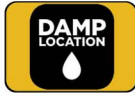* Optional 4ft and 8ft Pre-installed Billda YT08D EM.

Product Warranty

Applications

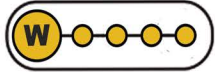| Schools | Offices | Commercial Buildings | Healthcare |

Certified LED Lights®

Highlights and Certifications

DLC Listed

UL listed

DAMP LOCATION Damp Location

0-10 V DIMMABLE Dimming: 0-10V

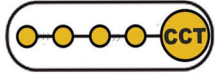**W** ●●● Field selectable wattage 3-way dip switch:
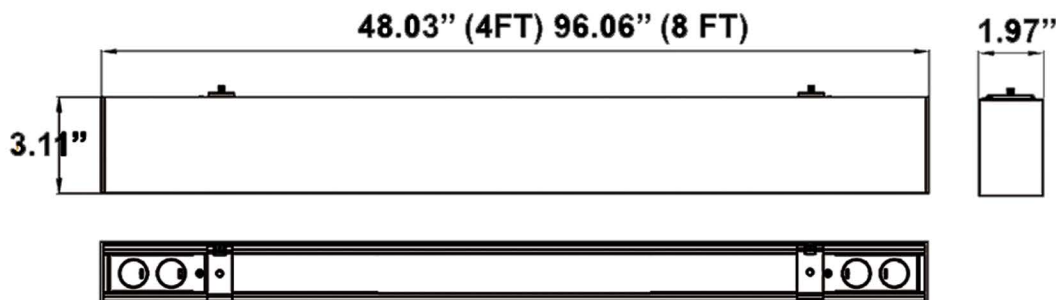
●●●● **CCT** Field selectable CCT 3-way dip switch:

Key Specifications

* CCT: color temperature selectable 35K, 4K, 5K
* Adjustable power: 30, 40, 50W for 2' panel
* Adjustable power: 50, 64, 80W for 4' panel
* Operating temperatures from -4°F to 120°F
* Storage temperature from -4° F to 158°F
* Power factor > 0.90
* CRI > 80
* Viewing angle: 120 degrees
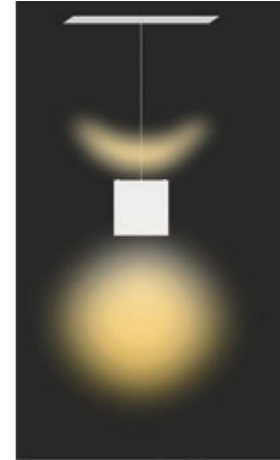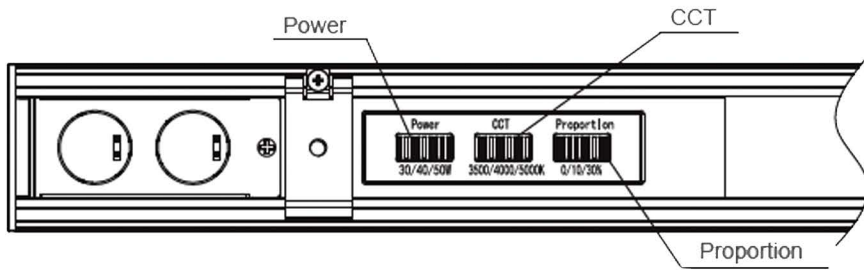* Easy installation in new construction or retrofit

Performance

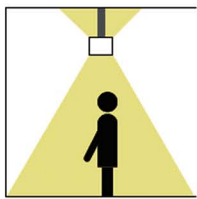| 4' 25 W				4' 30 W				4' 40 W		
Color	3500	4000	5000	Color	3500	4000	5000	Color	3500	4000	5000
Lumens	2750	2875	2850	Lumens	3300	3450	3420	Lumens	4400	4600	4560
Lumens/Watt	110	115	114	Lumens/Watt	110	115	114	Lumens/Watt	110	115	114
8' 50 W				8' 64 W				8' 80 W		
Color	3500	4000	5000	Color	3500	4000	5000	Color	3500	4000	5000
Lumens	5450	5800	5650	Lumens	6976	7424	7232	Lumens	8720	9280	9040
Lumens / Watt	109	116	113	Lumens / Watt	109	116	113	Lumens / Watt	109	116	113

Performance

48.03" (4FT) 96.06" (8 FT)

1.97"

3.11"

Switch plate to select wattage, color temperature and light proportion

Power

CCT

Power | CCT | Proportion
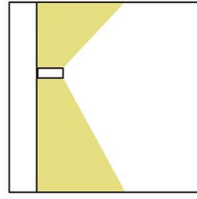30/40/50W | 3500/4000/5000K | 0/10/30%
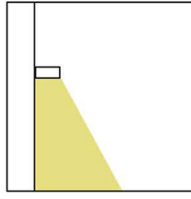
Proportion

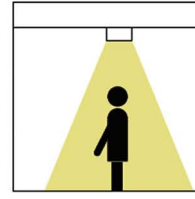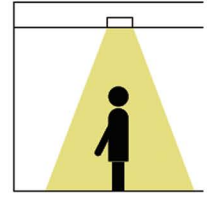## Mounting Options

Pendant (Up&down) | Pendant (Down) | Wall mounted (Up&down) | Wall mounted (Down) | Surface mounted | Recessed

Ordering Guide

PART #	Size	Color Temp	Lumens	Lumen/ watt	Wattage	Emergency driver
AS1-4FT50W-L-TCP	4Ft	3.5K, 4K, 5K	3450,4600,5750	115	30/40/50	
AS1-4FT50W-L-TCP-EM	4Ft	3.5K, 4K, 5K	3450,4600,5750	115	30/40/50	EM Installed
AS1-8FT80W-L-TCP	8Ft	3.5K, 4K, 5K	5750,7360,9200	115	50/64/80	
AS1-8FT80W-L-TCP-EM	8Ft	3.5K, 4K, 5K	5750,7360,9200	115	50/64/80	EM Installed

Notes: AS1 means manufacturer par #

- 4FT means lenght of the product

- 50W or 80W is the maximum power   - L means AC120-277V

- TCP means the products is 5 CCT selectable

- EM at the end of the part number means the panel comes with a facctory installed emergency driver

Ordering Accessories Guide

ACCESSORIES	Order separately	
AS1-4FT-Recessed kit	AS1 recessed frame kit only compatible with 4FT fixture recessing into hard ceiling	
AS1-Surface mount kit	Used to surface mount AS1 fixtures on hard ceilings	
AS1-Joiner	Straight shape connector used to join 2 lights to make straight runs	

Canopy plate and 10' cable are standard

G

Photometric Data

-/+180
-150   150
-120   120
-90   90
0
300
600
900
1200
1500
0
-60   60
-30   30

UNIT:cd
C0/180,360.0
C90/270,360.0

AVERAGE BEAM ANGLE (50%) :360.0 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

MH(m)
2
3
4
5
6
7
8
9
10
11
12
0.0   4.5   9.0
S(m)

310	52.0
260	41.0
210	26.0
150	21.0
100	15.0