LED Linear Strips
CCT SELECTABLE

3500K | 4000K | 5000K
3
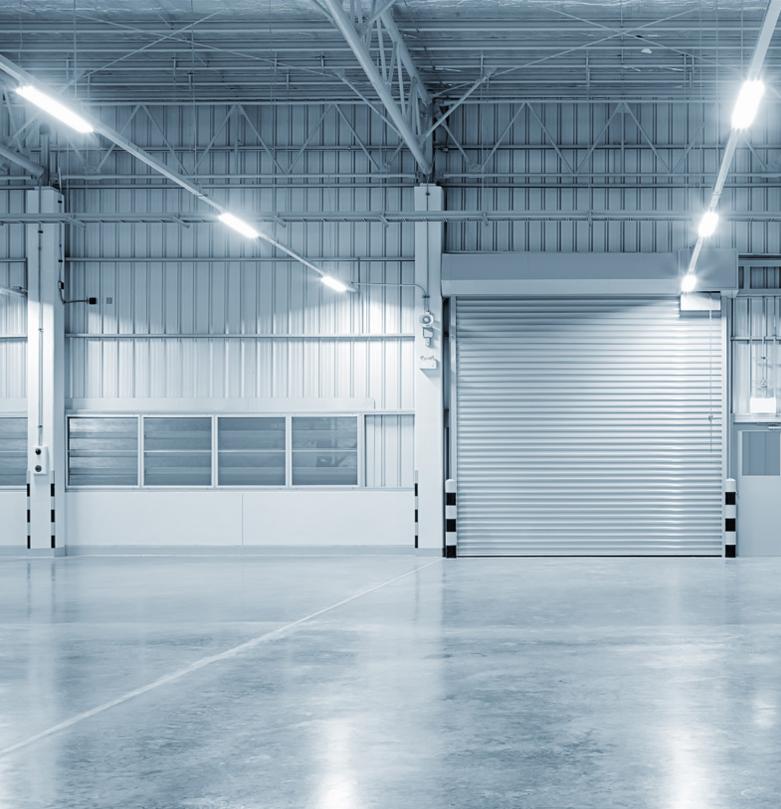CCT SELECT

CCT Selectable Linear Strip for Commercial Applications

LED Linear Strip Luminaires are one of Topaz's most adaptable products, finding their way into healthcare facilities, offices and retail applications to name just a few. Adding to their versatility, our CCT Selectable models allow the choice of 3 color temperatures to be selected upon installation, matching a variety of environments or applications. Motion sensor models come pre-programmed and will be suitable for most environments but can be adjusted to cover various scenarios. Emergency battery backup models are also available and provide up to 90 minutes of illumination in the event of a power outage.

FEATURES

- 3 CCT Selectable switch: 3500K, 4000K, 5000K
- Models include (2) ½″ knockouts on each side panel
- Designed for surface mount with available J-box cover plate
- End to end mounting and suspension mount options sold separately
- Press to release buttons allow for quick tool-less access to the wiring compartment
- Suitable for mounting up to 15-feet
- Emergency battery backup and motion sensor models available

SUGGESTED APPLICATIONS

- Ideal for use in new construction or remodeling of commercial facilities.
- Offices, healthcare facilities, institutions, and retail
- Suitable for use in closets, compliant with NFPA 70, NEC section 410.16 (A)(3) and 410.16 (C)(5)

DLC QPL LISTED PREMIUM | c UL us LISTED | RoHS COMPLIANT | DIMMABLE LED | DAMP LOCATION | 5 YEAR WARRANTY

TOPAZ®

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GENERAL SPECIFICATIONS

Input Voltage, Frequency: 120-277V, 50/60Hz
Power Factor, THD %: ‹0.9, ›20%
Dimmable: 0-10V[1]
Surge Protection Rating: 4kV
Efficacy: Up to 140 LPW
CRI: 80
SDCM: ‹6
Functional Life (L70): 50,000 hours

Location Rating: Damp
Ambient Operating Temperature: -4°F to 104°F
Mounting Options: Surface mount ready;
  End-to-end mounting and suspension mount options sold separately
Quick connectors, mounting hardware and 8-inch steel safety cable included

ITEM SPECIFICATIONS / ORDER INFO

Catalog Number	Order Code	UPC	Lumens[2]	Wattage	Input Current 120/277	CCT	Beam Angle	DLC ID
F-L4/40W/CTS/D-87	71104	751338036741	5,600	40W	0.367/0.159A	3500K | 4000K | 5000K	120°	PLXBA200L8TQ
F-L4/40W/CTS/EM-87	71105	751338036758	5,600	40W	0.367/0.159A	3500K | 4000K | 5000K	120°	PLVV1GORV84Z
F-L4/40W/CTS/MS-87	71106	751338036765	5,600	40W	0.367/0.159A	3500K | 4000K | 5000K	120°	PLUXJ9IPD3OP
F-L8/64W/CTS/D-87	71107	751338036772	8,960	64W	0.587/0.254A	3500K | 4000K | 5000K	120°	PL9942A3T78Z
F-L8/64W/CTS/EM-87	71108	751338036789	8,960	64W	0.587/0.254A	3500K | 4000K | 5000K	120°	PLEO9J9YPDRM
F-L8/64W/CTS/MS-87	71109	751338036796	8,960	64W	0.587/0.254A	3500K | 4000K | 5000K	120°	PL43G1RO25XA

NOMENCLATURE

Example: F-L4/40W/CTS/D-87

F=Fixture / **L4** = LED Linear 4 Ft / **40W** = 40W / **CTS** = Color Temperature Selectable / **D** = Dimmable
  / **L8** = LED Linear 8 Ft / **64W** = 64W   / **EM** = Emergency Battery Backup
                                                                    / **MS** = Motion Sensor

ACCESSORIES (SOLD SEPARATELY)

Catalog Number	Order Code	UPC	Description
F-L4/CABLE/CTS-87	71110	751338036802	4-Ft Suspended Mount Cable Kit - Includes (2) cables and mounting hardware
F-L8/CABLE/CTS-87	71111	751338036819	8-Ft Suspended Mount Cable Kit - Includes (4) cables and mounting hardware
F-LS/COUPLER-87	71112	751338036826	End-to-End Connector Kit

ENERGY SAVINGS

Catalog Number	LED Wattage	Fluorescent Replacement Wattage	Watts Saved	Yearly Savings	5 Year Savings
Based on 12 hours/day and $0.11/kWh					
F-L4/xxW/CTS/xx-87	40W	2x 32W T8	64W	$12	$58
F-L8/xxW/CTS/xx-87	64W	F96 T12 (110W)	46W	$22	$111

NOTES:

[1]Motion Sensor models are not dimmable via 0-10, it can be set to auto dim via motion sensor. Dimming with standard 0-10V control system or wall dimmers such as Leviton IP710, DS710 or Lutron DVSTV. Dimming complies with IEC60929 Annex E. Fixture may not be compatible with all dimmers. Visit www.topaz-usa.com for up-to-date dimmer compatibility information.
[2]Lumens at 4000K

Specifications subject to change without prior notice.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING: Some products included in this specification sheet may be subject to the warning requirements of California's Proposition 65. Please refer to your product packaging for more information.
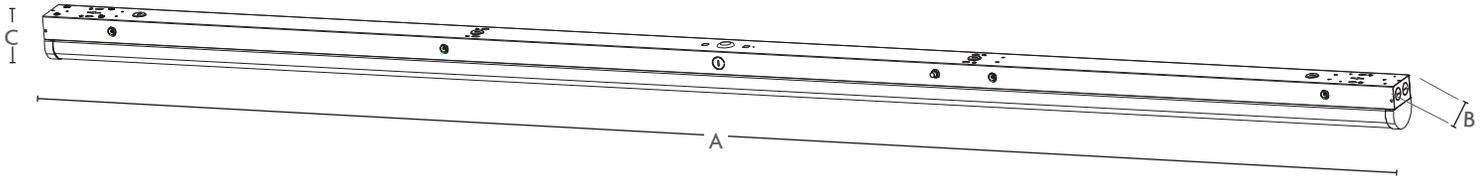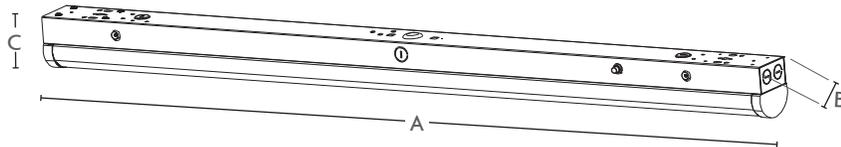
September 2020

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PRODUCT DIMENSIONS / LINE DRAWING

Catalog Number	(A)	(B)	(C)	Weight
F-L4/40W/CTS/D-87	48.03"	2.95"	3.26"	3.75 Lbs.
F-L4/40W/CTS/EM-87	48.03"	2.95"	3.26"	4.85 Lbs.
F-L4/40W/CTS/MS-87	48.03"	2.95"	3.26"	3.97 Lbs.
F-L8/64W/CTS/D-87	95.98"	2.95"	3.26"	7.2 Lbs.
F-L8/64W/CTS/EM-87	95.98"	2.95"	3.26"	8.4 Lbs.
F-L8/64W/CTS/MS-87	95.98"	2.95"	3.26"	7.5 Lbs.

Models include (2) ½" knockouts on each side panel

MOTION SENSOR PRE-PROGRAMMED SETTINGS

Detection Area	Hold Time	Daylight Threshold	Stand-by Period	Stand-by Dimming Level	Mode Selection
100%	5 Minutes	Disable	0 Second	10%	On

● Switch UP

○ Switch DOWN

Detection area —
Hold-time —
Daylight threshold —
Mode selection
Stand-by dimming level
Stand-by period

Detection area

●	100%
○	50%
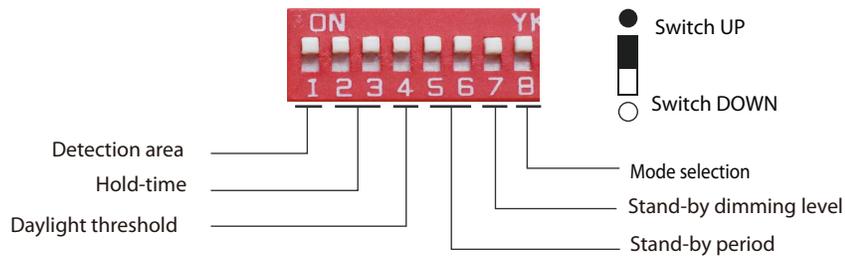
In this area, movement will be detected and able to trigger the sensor. 100% detection area is also known as the strong sensitvity.

Hold-time

●	●	30s
●	○	1min
○	●	2min
○	○	5min

The period of light keeping 100% brightness after moving objects leave the detection area.

Daylight threshold

●	Disable
○	50lux

Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor works everytime it detects motion regardless the ambient brightness.

Stand-by period

●	●	0s
●	○	1min
○	●	5min
○	○	+ ∞

The period of light keeping low output before it's completely switched off. When it's preset as"∞", the light always keep at low output if no movement in the detection area and doesn't turn off.

Stand-by dimming level

●	10%
○	30%

The definition of low output in the standby period.

Mode selection

●	ON
○	OFF

Sensor mode on when the DIP switch is up; sensor mode off when the DIP switch is down.

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