CAT:	FEET:
TYPE:	PROJECT:

Twice the lumens as standard Titanium, Titanium HO LED PCBs were developed by Tivoli to be utilized as the primary light engine for many of our linear products. When utilized in a strand with ¾" to 1½" spacing it is a great tool for cove lighting as well. Often in tight cove applications service is an issue. Titanium™ Cove HO can be mounted with angled mounting clips for asymmetric applications or with the standard vertical clip. Additionally Titanium™ Cove HO can be installed in the Infinity or Titanium clear or frosted polycarbonate mounting channel with lens and end caps for dust free illumination. Titanium™ Cove HO has the option of 2 and 3 Nichia LEDs depending on your desired spacing, lumens and watts per foot requirements. Titanium™ Cove HO utilizes lower profile Titanium LED PCB modules that are attached to continuous through wires which minimizes voltage drop and feature nickel plated copper contacts for high contact reliability.

Features
- Titanium LED PCB in 2 and 3 LED variants
- High quality Nichia SMD LEDs
- Offered in 6 white color temps.
- Bendable on X and Y axis
- Angled and straight mounting options
- Two channel and lens options

Technical Information

DIMMABLE   ETL c LISTED us

LED Spacing	¾"	1½"
*Lumens/ft	321	214
*Watts/ft	3	2.4
*Lumens/watt	107	89
CRI	>80/TYP 84	
Kelvin Temp	2200K, 2500K, 2700K, 3000K, 3500K, 4000K (+/-80K) 3SDCM	
Rated Life	75,000 hrs.	
Max Run Length	20'	25'
Order Increments	1'	
Cut Increments	2.25"	3"
Operating Voltage	12V DC	
Power Supply Requirement	Class 2	
Dimmable	Yes	

*3000K Sample

Mounting
Use with Infinity Channel for vertical or horizontal applications. Use with Titanium Channel and lens for upward or downward illumination.
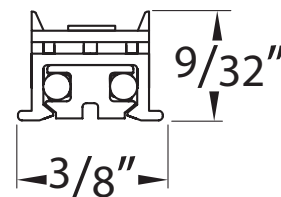
Applications
Ideal for mounting in ceiling cavities, recessed coves, walls, closets.
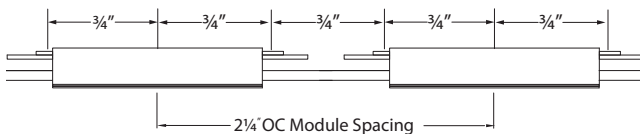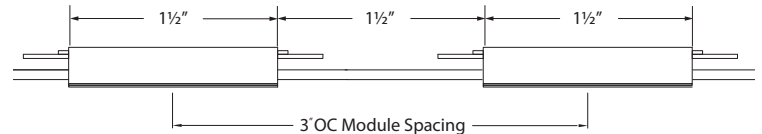
Warranty
5 years

Profile Dimensions

9/32"
3/8"

Series 01 - Triple LEDs with ¾" O.C. Spacing

¾" ¾" ¾" ¾" ¾"
2¼" OC Module Spacing

Series 02 - Double LEDs with 1½" O.C. Spacing

1½" 1½" 1½"
3" OC Module Spacing

Recommended Power Supplies

CAT NO	APPLICATION	PRIMARY AND SECONDARY	TOTAL WATTAGE / AMPS PER BREAKER	LISTING	DIMENSIONS	ELECTRONIC OR AC MAGNETIC
ADUL-80-1-5-12-D	Indoor	120-277V AC / 12V DC	60W / 1X5A	UL/ETL/CSA	10"W X 10"L X 4"D	Electronic
ADUL-150-2-5-12-D		120-277V AC / 12V DC	120W / 2X5A	UL/ETL/CSA	10"W X 10"L X 4"D	Electronic
ADUL-240-3-5-12-D		120-277V AC / 12V DC	180W / 3X5A	UL/ETL/CSA	10"W X 10"L X 4"D	Electronic
ADUL-320-4-5-12-D		120-277V AC / 12V DC	240W / 4X5A	UL/ETL/CSA	10"W X 10"L X 4"D	Electronic
JT-60-1-5-12-D	Indoor/Outdoor	120V AC / 12V DC	60W / 1X5A	ETL	4.25"W X 8.50"L X 3.25"D	Magnetic
JTH-60-1-5-12-D		277V AC / 12V DC	60W / 1X5A	ETL	4.25"W X 8.50"L X 3.25"D	Magnetic
JT-240-4-5-12-D		120V AC / 12V DC	240W / 4X5A	ETL	8.50"W X 16.00"L X 4.50"D	Magnetic
JTH-240-4-5-12-D		277V AC / 12V DC	240W / 4X5A	ETL	8.50"W X 16.00"L X 4.50"D	Magnetic

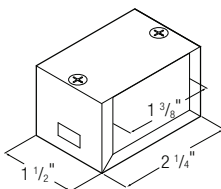| DESCRIPTION	CAT NO	INPUT VOLTAGE	CONTINUOUS MAX VOLTAGE AC	MAX DISCHARGE CURRENT	DIMENSION
HTH Universal Surge Protector	HTH-SURGE	120V - 277V AC	320V AC	10kA (**8/20 μS standard wave**)	2.91" L X 1.52" W X 1.16" H

Dimming Interface

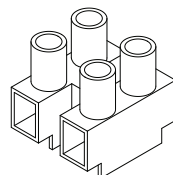| DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	MAX LOAD	CIRCUIT CAPACITY	DIMENSION
0-10V Dimming Module	AMP-OT-5-D	Indoor	10V DC~48V DC	10V DC~48V DC	96W @ 24V DC 60W @ 12V DC	5A	5.9"L X 1.61"W X 0.78"H

Ordering Information

PRODUCT CODE		LED SPACING		LED TYPE		LED COLOR		VOLTAGE		REQUIRED POWER SUPPLY

| | | | | U | | | | 12 | | PSU |

TCHO = Titanium Cove High Output BLACK
TCHOW = Titanium Cove High Output *WHITE

Series 01 = ¾"
Series 02 = 1½"

U = Ultra Bright SMD Chip

22 = 2200K
25 = 2500K
27 = 2700K
30 = 3000K
35 = 3500K
40 = 4000K

12 = 12V DC

See Page 1

*Consult factory for lead time.

Wiring Accessories

JBOX
Junction Box
Use to cover terminal block connections. One end of the terminal block screws directly into the Covelum™ LED lead wires, the other end accepts AWG # 10, 12, 14 wire from power supply. 1 each terminal block included.
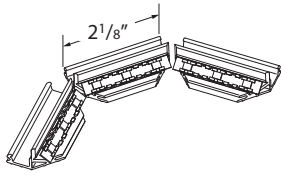

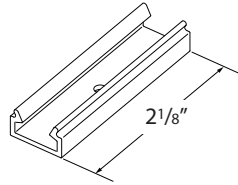**TERM-BLK**
Terminal Block available separately.

TTCL-EP
BLACK- Straight Power Feed Lead: Factory installed 24", 18 AWG Power Lead.
TTCLW-EP
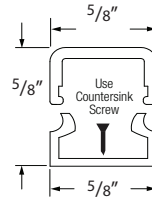WHITE - Straight Power Feed Lead: Factory installed 24", 18 AWG Power Lead.
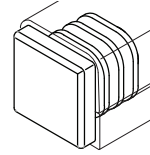
Mounting Accessories

TTCL-MC-ANGLE
Angled Mounting Clamp
For radius installations with angled
illumination. One clamp per module
required. BLACK

TTCL-MC-VERT
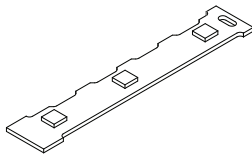Mounting Clamp for radius installations

INF-C-CHAN-8
Infinity Mounting Channel and lens, 8 ft.
length - Clear
INF-F-CHAN-8
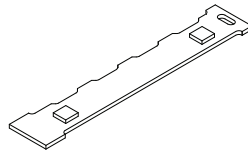Infinity Mounting Channel and lens
8' length - Frosted

INF-EC
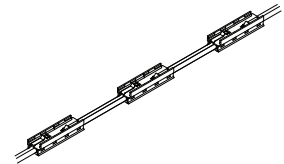Infinity channel end-cap, BLACK

Replacement Parts

01 SERIES SMD LED PCB BLACK	**01 SERIES SMD LED PCB *WHITE**	**02 SERIES SMD LED PCB BLACK**	**02 SERIES SMD LED PCB *WHITE**	****REPLACEMENT STRAND BLACK**	****REPLACEMENT STRAND *WHITE**
TTCL-T120-U-22 2200K	**TTCL-T120-U-22-W** 2200K	**TTCL-D120-U-22** 2200K	**TTCL-D120-U-22-W** 2200K	**TTCL-01-STRAND** ¾" O.C. - (25 foot roll)	**TTCL-01-STRAND**-W ¾" O.C. - (25 foot roll)
TTCL-T120-U-25 2500K	**TTCL-T120-U-25-W** 2500K	**TTCL-D120-U-25** 2500K	**TTCL-D120-U-25-W** 2500K	**TTCL-02-STRAND** 1½" O.C. - (35 foot roll)	**TTCL-02-STRAND-W** 1½" O.C. - (35 foot roll)
TTCL-T120-U-27 2700K	**TTCL-T120-U-27**-W 2700K	**TTCL-D120-U-27** 2700K	**TTCL-D120-U-27**-W 2700K		
TTCL-T120-U-30 3000K	**TTCL-T120-U-30-W** 3000K	**TTCL-D120-U-30** 3000K	**TTCL-D120-U-30**-W 3000K	****LED PCB Not Included	
TTCL-T120-U-35 3500K	**TTCL-T120-U-35**-W 3500K	**TTCL-D120-U-35** 3500K	**TTCL-D120-U-35**-W 3500K		
TTCL-T120-U-40 4000K	**TTCL-T120-U-40**-W 4000K	**TTCL-D120-U-40** 4000K	**TTCL-D120-U-40**-W 4000K		

*Consult factory for lead time.