

CLiP 4

LED LINEAR ACCENT/COVE LIGHTING, MID-POWER
24V REMOTE POWER SYSTEM



APPLICATION

CLiP 4 LED linear lighting produces uniform illumination designed to accent and highlight small spaces such as coves and soffits. Make straight, linear runs with CLiP 4 Rigid model or go around curves and tight bends with CLiP 4 Serpentine model. Designed with modular CLiP[®] (Configurable Lighting Platform), C4R provides options to suit multiple application requirements.

CONSTRUCTION

- 6in die cast aluminum modules with polycarbonate lenses are pre-assembled on an extruded aluminum track.
- Available in 1/2 foot to 6 foot sections in 1/2 foot increments.
- Both Rigid and Serpentine model sections quick connect together to form extended runs.
- Easily replaceable LED printed circuit boards.
- Multiple fixed and adjustable mounting clip options secure sections for every lighting application.
- CSA damp location listed.

OPTICS / LENS / DIFFUSER

- Clear dome Lens with light diffusion.

POWER SYSTEM

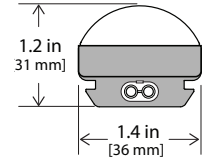
- Utilizes remote, low voltage (24V) DC power supply. Power supplies must be installed in an approved enclosure (by others) in close proximity to luminaire. See Driver Remote Distance Chart for guidance.
- Triac dimming to 1%
0-10V dimming to under 10%
DMX/RDM dimming to 1%
Non-dimming also available

PERFORMANCE

- 8W/ft light output up to 880 lm/ft
- 5W/ft light output up to 586 lm/ft
- Optimal LED spacing in each 6" module for high uniformity illumination.
- Operating temperature range of -20°C to 50°C
- Power Supply Total Harmonic Distortion <20%, Power Factor >0.9

LIGHT CHARACTERISTICS

- Typical CRI of 80+ in 2000K to 5000K.
- 90+ CRI option available with 2700K, 3000K and 3500K.
- Static Red, Green or Blue available. (5W/ft model only.)
- LED's are selected and placed on the printed circuit boards via Tempo Industries' UniBin™ process which ensures consistent hue and color within the entire run. Color variations are held to a minimum, within a 2-step MacAdam ellipse.



Buy Tempo
Buy American

MADE IN USA
OF US AND IMPORTED COMPONENTS

WARRANTY

Tempo provides a 5-year limited warranty.

86,000 HOURS

L85 LUMEN MAINTENANCE
LED Luminaires will reach 85% of initial lumen output at or beyond 86,000 hours at 25°C.



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PERFORMANCE SUMMARY

All data nominal. 3500K test data shown.

Watts/ft	5	8
Lumens/ft	586	880
Lumens/Watt	117	110

Static Colors

Watts/ft	5	8
RED Lumens/ft	116	N/A
RED Lumens/Watt	23	N/A
GREEN Lumens/ft	318	N/A
GREEN Lumens/Watt	64	N/A
BLUE Lumens/ft	88	N/A
BLUE Lumens/Watt	18	N/A

DRIVER REMOTE DISTANCE

	Wire Gauge	Maximum Lead Length
24VDC Driver	18 AWG	15ft (4.5m)
	16 AWG	25ft (7.5m)
	14 AWG*	40ft (12m)
	12 AWG*	60ft (1m)

* Terminal blocks on the drivers accept 18AWG or 16AWG wire. To use wire gauges larger than 16AWG connect up to 3 ft of 18AWG or 16AWG, then connect 14AWG or 12AWG with UL approved wire nuts up to the maximum lead length in the above table.

MAXIMUM RUN LENGTHS (5W/FT BASE MODEL)

24V Driver	Module Spacing	Watts/ft	Max Distance
100W	0" (Standard)	5.0	20ft
60W	0" (Standard)	5.0	12ft
40W	0" (Standard)	5.0	8ft

MAXIMUM RUN LENGTHS (8W/FT BASE MODEL)

24V Driver	Module Spacing	Watts/ft	Max Distance
100W	0" (Standard)	8.0	12ft
60W	0" (Standard)	8.0	7ft
40W	0" (Standard)	8.0	5ft

CLIP 4

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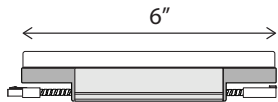
ORDERING INFORMATION

Example: C4CR-CL-0-8-35NA-4

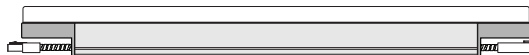
4ft, C4C, Clear Lens, 24V 8W/ft, 3500K, Natural Anodized

C4C		CL	0	Watts/Foot (24VDC)	Color Temp	Finish	Fixture Length
Series	Platform	Optic/Lens	Module Spacing				
CLIP 4 (24VDC)	R Rigid	CL Clear Lens (120° x 120°)	0 0"	5 5W/ft	20 2000K (CRI 80+) 22 2200K (CRI 80+) 27 2700K (CRI 80+) 30 3000K (CRI 80+) 35 3500K (CRI 80+) 40 4000K (CRI 80+) 50 5000K (CRI 80+) 27H 2700K High CRI (90+) 30H 3000K High CRI (90+) 35H 3500K High CRI (90+)	NA Natural Anodized (Std.)	.5 6 in 1 1 ft 1.5 1 ft - 6 in 2 2 ft 2.5 2 ft - 6 in 3 3 ft 3.5 3 ft - 6 in 4 4 ft 4.5 4 ft - 6 in 5 5 ft 5.5 5 ft - 6 in 6 6 ft
	S Serpentine			8 8w/ft			

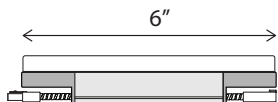
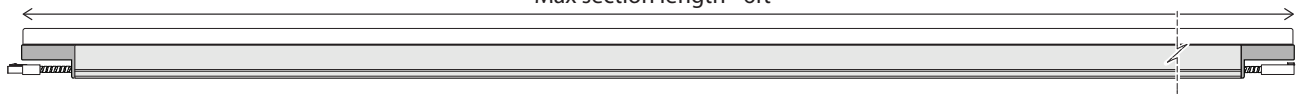
* Static Red, Green and Blue only available in 5w/ft model.



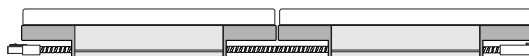
Rigid - 6" up to 6 foot sections in 6" increments



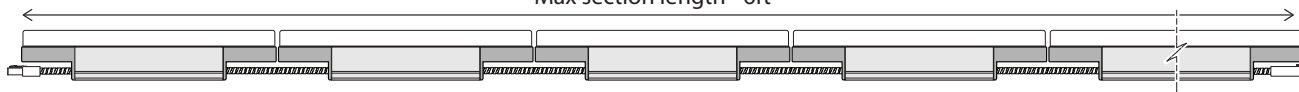
Max section length - 6ft



Serpentine - 6" up to 6 foot sections in 6" increments




Max section length - 6ft



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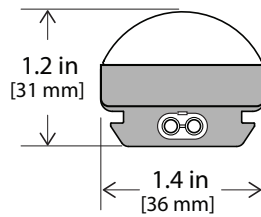
SYSTEM INTEGRATION ACCESSORIES

POWER SUPPLIES - 24V Output		
Require approved enclosure (by others) in close proximity to luminaire. Consult factory for guidance.		
PWR-120-EM-040-T	120V AC Input, 24V DC Output, 40W, Triac Dimming (dim to 1%) Lutron Hi-lume 1% 2-wire LED driver, 120V forward phase - LTEA2W; 3.0"W x 1.0"H x 4.9"L	
PWR-120-EM-040-T1	120V AC Input, 24V DC Output, 40W, Triac Dimming (dim to 1%) Lutron Hi-lume 1% 2-wire LED driver, 120V forward phase - LTEA2W; 1.2"W x 1.0"H x 14.25"L	
PWR-120-EM-100-T	120V AC Input, 24V DC Output, 100W, Phase Dimming Triac & ELV; 3.0"W x 1.7"H x 9.9"L	
PWR-UNV-EM-100-T-JB	120V AC Input, 24V DC Output, 100W, Phase Dimming Triac & ELV, Integral AC/DC J-Box; 3"W x 1.7"H x 14"L	
PWR-UNV-EM-96-DMX	120-277V AC Input, 24V DC Output, 96W, DMX Dimming; 2.5"W x 1.25"H x 9.6"L	
PWR-UNV-EM-060	120-277V AC Input, 24V DC Output, 60W, Non-Dimming; 1.7"W x 1.2"H x 9.5"L	
PWR-UNV-EM-100	120-277V AC Input, 24V DC Output, 100W, Non-Dimming; 1.7"W x 1.2"H x 9.5"L	
PWR-UNV-EM-100-Z	120-277V AC Input, 24V DC Output, 100W, 0-10V Dimming (dim to under 10%); 1.9"W x 1.3"H x 9.2"L	
PWR-UNV-EM-100-Z-JB	Plenum Rated J-Box Driver, 120-277V AC Input, 24V DC Output, 100W, 0-10V Dimming (dim to under 10%); 2.5"W x 1.7"H x 12.4"L	
SURGE SUPPRESSION DEVICE		
A Tempo furnished surge suppression device must be installed on each supplying branch circuit to comply with Tempo's 5-year warranty terms		
SSD-120	120V Branch Circuit; 2.9"W x 1.75"H x 3.3"L	
SSD-277	277V Branch Circuit; 2.9"W x 1.75"H x 3.3"L	
POWER & JUMPER FEED CABLES Additional lengths available, contact factory		
PFC4C-F-24-36	Power Feed Cable, Female Connector, 24V, 36 inches	
JFC4C-MF-24-18	Jumper Feed Cable, Male/Female, 24V, 18 inches	
MOUNTING HARDWARE		
C4A-MTGBRKT	Stainless Steel Surface Mounting Bracket (set of 12)	
C4A-MTGBRKT-SURF	Stainless Steel Surface Mounting Bracket with Screw Ears (set of 12)	
C4A-MTGBRKT-COVE	Stainless Steel Front Cove Mounting Bracket (set of 12)	
C4A-MTGBRKT-WALL	Plastic Wall Mounting Bracket (set of 12)	
C4A-MTGBRKT-1020	Plastic Surface Mounting Bracket with 10° or 20° angle (set of 12)	
PA-5	Aluminum 90°+ Adjustable Mounting Bracket (Set of 12). Minimum of 2 required per section.	
ROT-MTGTRK-A6	6 foot Aluminum Track for use with rotational mounting brackets ROT-MTGTRK-C4C5	
ROT-MTGTRK-C4C5	Set of 25 plastic rotational mounting brackets for use with ROT-MTGTRK-A6. 18" maximum spacing between mounting clips.	

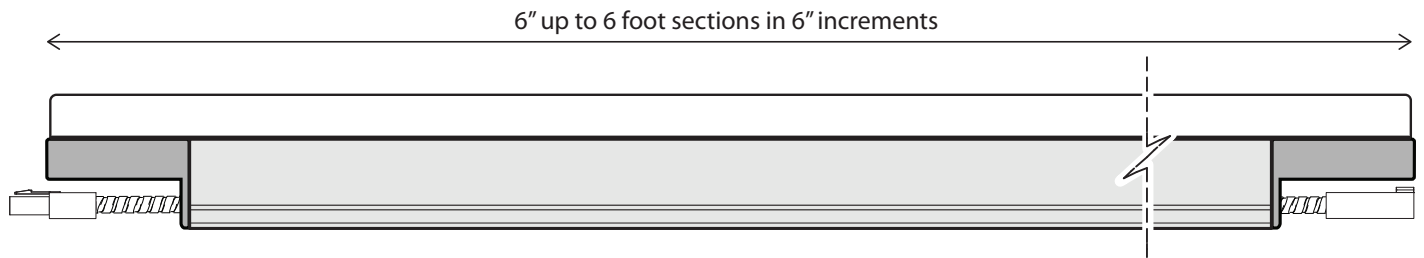
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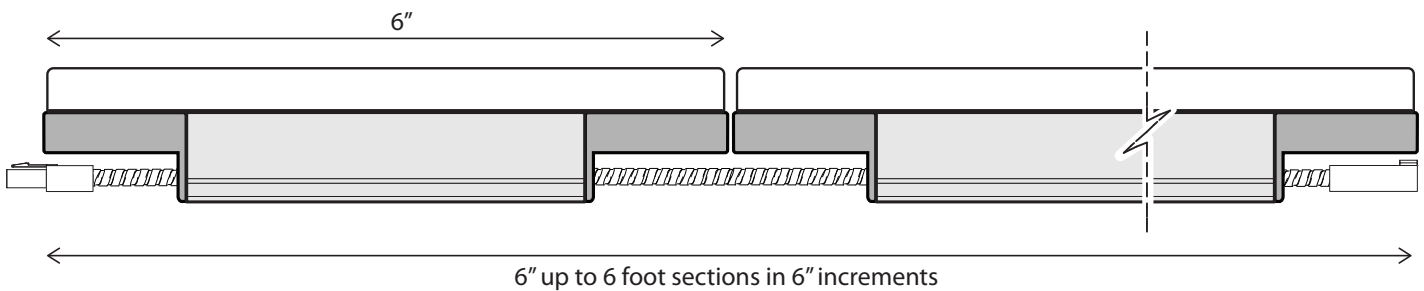
DIMENSIONAL INFORMATION



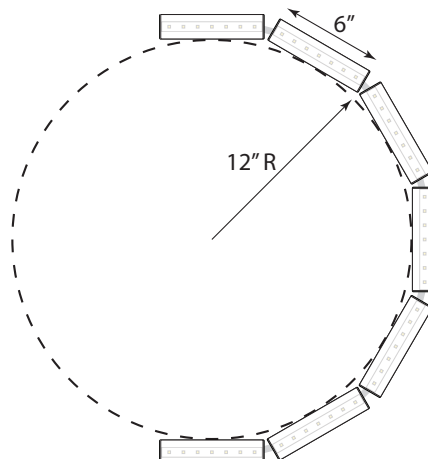
C4CR (RIGID)



C4CS (SERPENTINE)



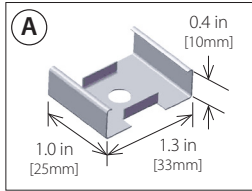
C4CS PROVIDES UNIFORM LIGHTING AROUND TIGHT CURVES:



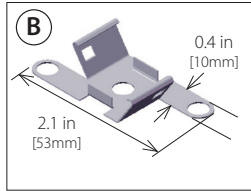
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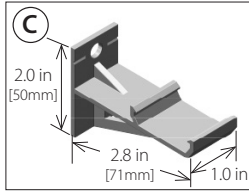
MOUNTING HARDWARE



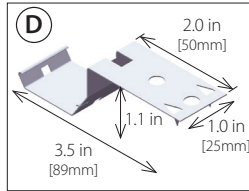
SURFACE MOUNT
(C4A-MTGBRKT)



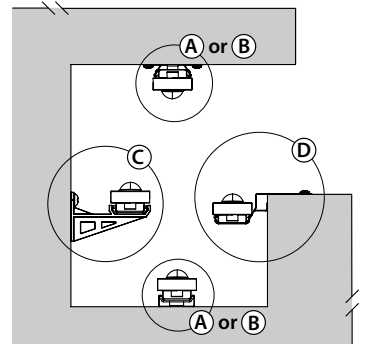
SURFACE MOUNT W/
MOUNTING EARS
(C4A-MTGBRKT-SURF)



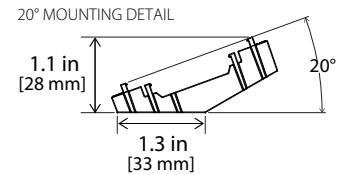
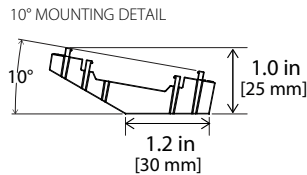
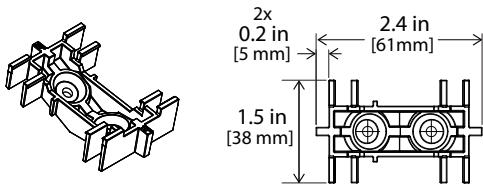
WALL MOUNT
(C4A-MTGBRKT-WALL)



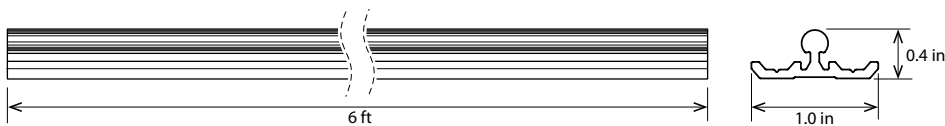
COVE MOUNT
(C4A-MTGBRKT-COVE)



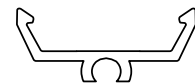
SURFACE MOUNT BRACKET, 10° OR 20° ANGLE
(C4A-MTGBRKT-1020)



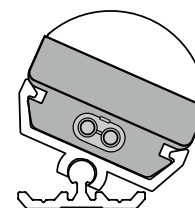
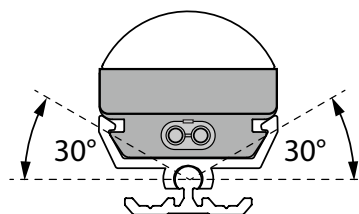
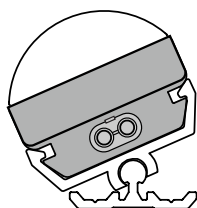
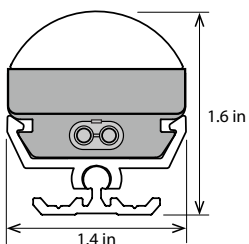
60° ROTATIONAL MOUNTING HARDWARE (FOR UP OR DOWN LIGHTING)



Mounting Bracket (ROT-MTGBRK-C4C5)



18" maximum recommended spacing between mounting clips.



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ADJUSTABLE MOUNTING BRACKET, 90°+ ANGLE
(PA-5)

