

C7R05 Wall Wash / Graze

LED LINEAR LIGHTING, HIGH LUMEN
INTEGRAL POWER SYSTEM



APPLICATION

The C7R05 high lumen linear product line optimizes the Tempo CLiP[®] (Configurable Lighting Platform) to achieve effective wall washing and wall grazing illumination. Offset C7R05 from a feature wall for an even wash of light or install close to the wall to graze and highlight texture. For a targeted distribution, a 10°x60° degree optic is available. Ultimate flexibility for on-site aiming is available with the +/-50° adjustable angle bracket option. Individual units from 2ft to 8ft may be joined to form linear runs.

CONSTRUCTION

- Extruded aluminum housing available in natural anodized finish or powder coat paint
- Cast aluminum light modules
- +/-50° adjustable angle bracket option locks into the C7R05 channel with a simple quarter turn
- Individual fixture lengths of 2ft, 3ft, 4ft, 5ft, 6ft, 7ft or 8ft lengths may be joined to form extended linear runs
- CSA damp location listed

OPTICS / LENS / DIFFUSER

- A flat, clear lens covers recessed LEDs
- 10°x60° optics available for targeted light distribution

POWER SYSTEM

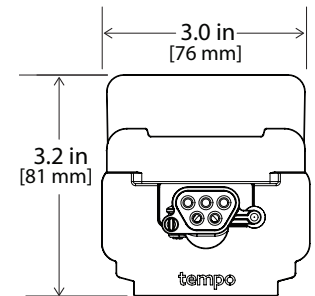
- Integral driver mounts to spring loaded aluminum carrier to maintain thermal contact with heat dissipating housing and to isolate from LED light engine increasing component life
- Single circuit and dual circuit configurations available
- Dimming options available

PERFORMANCE

- Nominal 895-975 delivered lumens per foot
- Operating temperature range of -20°C to 50°C
- Rated for a minimum of 86,000 hours (L85) at 25°C ambient operating temperature
- Power Supply Total Harmonic Distortion <20%, Power Factor >0.9

LIGHT CHARACTERISTICS

- 2700K, 3000K, 3500K, and 4000K Color Temperature options
- Typical CRI of 80+, 90+ CRI option available with 2700K, 3000K or 3500K selection
- 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 installation. Color variations are held to a minimum, within a 2-step MacAdam ellipse.



WARRANTY

Tempo provides a 5-year limited warranty.



PERFORMANCE SUMMARY All data nominal. 3500K test data shown.

Watts/ft	11 (clear, flat lens)	11 (clear, flat lens + 10° x 60° optic)
Lumens/ft	975	895
Lumens/Watt	89	81
Maximum Run Length*	95ft	95ft

*Based on 120V input.

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ORDERING INFORMATION

Example: 32ft C7R05-12-6612-120E11-ST27S-NA

32 feet of C7R05-12, Clear, flat lens + 10° x 60° optic, 12" on center, 120V, ELV dimming, 11 W/Ft, Standard LED Spacing, 2700K, Std UniBin CRI, Natural Anodized

STANDARD LED SPACING

Length in Feet ¹	C7 R 0 5				12				11				ST			
	PLATFORM				PERFORMANCE				LIGHT CHARACTERISTICS							
	Series	Platform	Profile	Type	Increment Length	Optic/Lens/Diffuser	Module Spacing	Voltage	Dimming	Watts/Foot	LED Spacing	Color Temp	Attribute	Finish		
	C7	R	Rigid	0 Rect.	5 Recessed LEDs	12 12" base increment	60 Clear, flat lens	12 12" O.C.	UNV 120-277V	11 11 W/ft	ST Standard	27 2700K 30 3000K 35 3500K 40 4000K	S Standard UniBin C High CRI (90+) 2700K, 3000K, 3500K only	NA ⁴ Natural Anodized (Std) BK Black Anodized WH White SPL Special Color - Consult Factory		
							64 Clear, flat lens + 10° x 10° optic									
							66 Clear, flat lens + 10° x 60° optic									
								120 120V	T ³ Lutron HiLume 1% 2-wire LED driver (120V forward phase) -LTEA2W							
									Z ³ 0-10V Dimming (10%)							
									ET ³ Dim to Zero (0%)							

NOTES:

(1) Specify total order length in 1ft. increments (Example: 32ft.), minimum of 2ft. Unless otherwise specified, Tempo will determine the section lengths of shipped product to comprise the total length up to a maximum section length of 8ft. (Example: 32ft. of product may ship as (4) 8ft. sections or (5) 6ft. sections and (1) 2ft. section).

(2) UNV (120-277V)

(3) 120 (120V) only

(4) Extruded aluminum housing, natural anodized housing castings painted light gray to match.

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SYSTEM INTEGRATION ACCESSORIES

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
	SSD-277	277V Branch Circuit

POWER FEED CABLES Additional lengths available, contact factory		
	PFC7-F-36	Female connector, 2-wire, 36 inches
	PFC7-4-F-36	Female connector, 4-wire (includes control wire for Lutron Ecosystem & 0-10V dimming), 36 inches

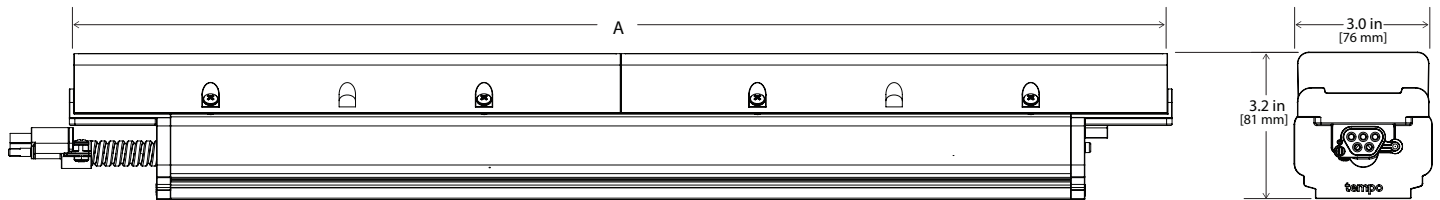
JUMPER FEED CABLES Additional lengths available, contact factory		
	JFC7-FM-12	Female and Male connector, 2-wire, 12 inches
	JFC7-4-FM-12	Female and Male connector, 4-wire (includes control wire for Lutron Ecosystem & 0-10V dimming), 12 inches

MOUNTING HARDWARE		
	C7A-DC	Surface Mount Clip, no finish
	PA-7	+/- 50° adjustable mounting bracket. Minimum of 2 required for one section.

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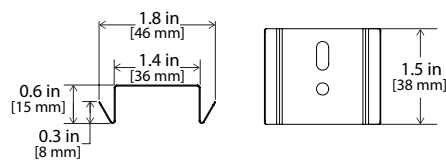
DIMENSIONAL INFORMATION



Section Length	A (nominal)
2 Ft.	24"
3 Ft.	36"
4 Ft.	48"
5 Ft.	60"
6 Ft.	72"
7 Ft.	84"
8 Ft.	96"

MOUNTING HARDWARE

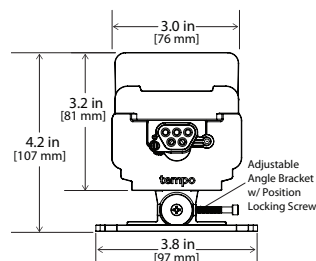
SURFACE MOUNT CLIP (C7A DC)



Surface Mount



ADJUSTABLE MOUNTING BRACKET (PA-7)



NOTE:
Position locking screw may be used on either side of the angle bracket.

Tempo Industries reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program. Please consult www.tempollc.com for the most up-to-date specifications and technical data.