

C7R

LED LINEAR LIGHTING, HIGH LUMEN

INTEGRAL POWER SYSTEM

DLC QUALIFIED



APPLICATION

The C7R LED Linear Lighting System is designed with Tempo's CLiP[®] (Configurable Lighting Platform) providing options to suit multiple applications - from wall washing and wall grazing to direct ambient illumination. Individual units from 2ft to 8ft may be joined to form linear runs, reducing the number of power feeds required during installation.

CONSTRUCTION

- Extruded aluminum housing available in natural anodized finish or powdercoated
- Cast aluminum light modules, joiners and end caps
- Individual fixture lengths of 2ft or 8ft lengths may be joined to form extended linear runs
- Mounting options for sensors available
- CSA damp location listed

OPTICS / LENS / DIFFUSER

- ½ Round lightly frosted lens

POWER SYSTEM

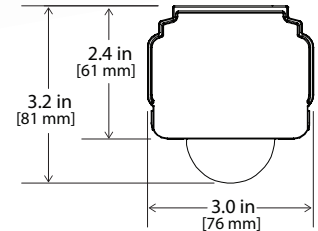
- Integral driver (120V) mounts to spring loaded aluminum carrier to maintain thermal contact with heat dissipating housing and to isolate from LED light engine increasing component life
- 0-10V dimming compatible with remote motion sensor control

PERFORMANCE

- Lumen packages range from a nominal 500 to 1000 lumens per foot based on watts per foot selection
- Rated for a minimum of 86,000 hours (L85) at 25° ambient operating temperatures
- Power Supply Total Harmonic Distortion <20%, Power Factor >0.98

LIGHT CHARACTERISTICS

- 3000K, 3500K and 4000K Color Temperature options
- Typical CRI of 80+
- 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.



No Factory in the Field[®]

C7R is designed for ease of installation and maintenance.

WARRANTY

Tempo provides a 5-year limited warranty.



PERFORMANCE SUMMARY All data nominal.

Watts/ft	5	7	10
Lumens/ft	500	680	1000
Lumens/Watt	100	97	100
Maximum Run Length*	175	125	80

*Based on 120V per foot.

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ORDERING INFORMATION

Example: 4ft C7R00-48-2012-120Z7-ST30S-NA

4 feet of C7R00-48, 1/2 round lightly frosted lens, 12" on center, 120V, 0-10V dimming, 7 W/Ft, Standard LED Spacing, 3000K, Std UniBin CRI, Natural Anodized

STANDARD LED SPACING

	C7	R	0	0		20	12	120	Z		ST		S	
Length in Feet ¹	PLATFORM				PERFORMANCE						LIGHT CHARACTERISTICS			
	Series	Platform	Profile	Type	Length	Optic/Lens/Diffuser	Module Spacing	Voltage	Dimming	Watts/Foot	LED Spacing	Color Temp	Attribute	Finish
	C7	R Rigid	0 Rect.	0 Symmetric	24 24" 48 48" 72 72" 96 96"	20 1/2 Round lens, lightly frosted	12 12"O.C.	120 120V	Z 0-10V Dimming (10%)	5 5 W/ft 7 7 W/ft 10 10 W/ft	ST Standard	30 3000K 35 3500K 40 4000K	S Standard UniBin	NA Natural Anodized (Std) BK Black Anodized WH White SPL Special Color - Consult Factory

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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

END CAPS Two required per run		
	C7A-EC-LG	End Cap with top knock-out, light gray
	C7A-ECC-LG	End Cap for surface mount, light gray
	C7A-ECC-MOD-LG	End Cap with end knock-out, light gray

CONTINUOUS RUN JOINERS One required per two joined sections		
	C7A-CR	Continuous Run Joiner
	C7A-CRC	Continuous Run Joiner for surface mount

MOUNTING HARDWARE		
	C7A-JB	J-Box cover, White
	C7A-HP-XX	Hang Straight Pendant Assembly, Indicate Stem length (XX-inches), White
	C7A-RP-XX	Rigid Pendant Assembly, Indicate Stem length (XX-inches), White
	C7A-DC	Surface Mout Clip for variable suspension spacing, no finish
	C7A-SE	Suspension Eyelet for fixed suspension spacing, no finish
	PA7	*/- 50° adjustable bracket for surface mounting. Minimum of 2 required per section.

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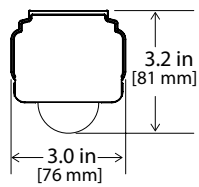
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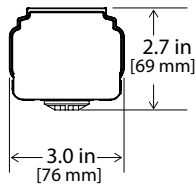
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DIMENSIONAL INFORMATION

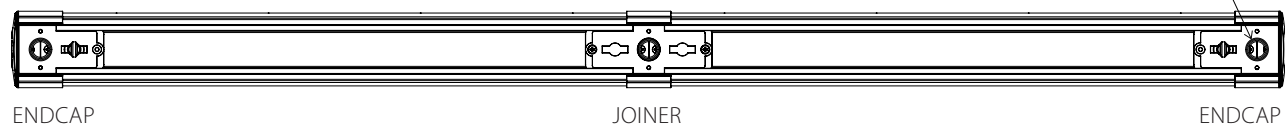
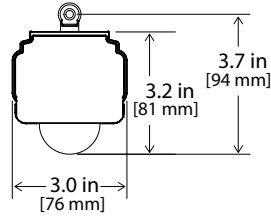
1/2 ROUND LENS



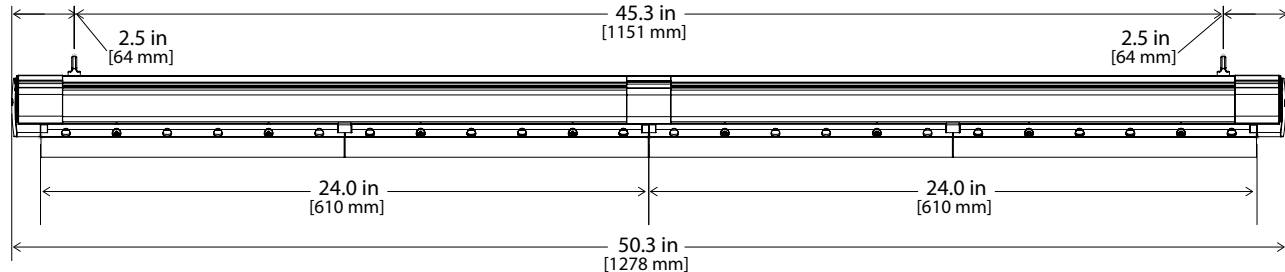
MICROBAFFLE



SUSPENSION EYELET

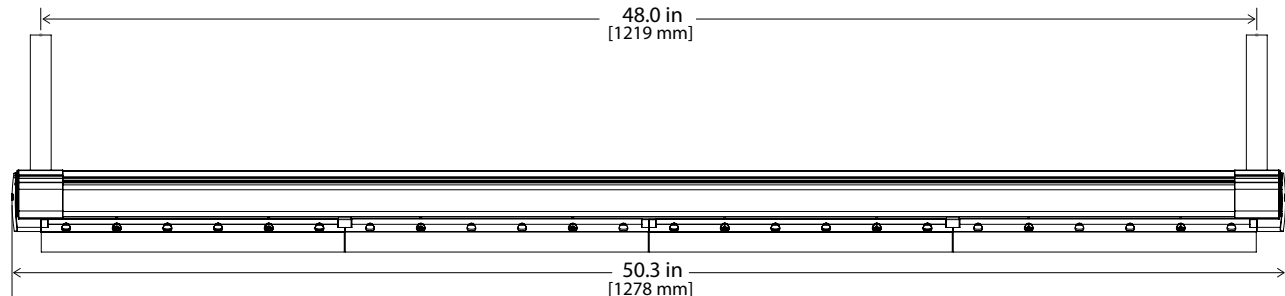


SUSPENSION EYELET



End caps, one on each end, adds 2.3in to the overall length

PENDANT



8ft maximum spacing between suspension points (eyelet or pendant)

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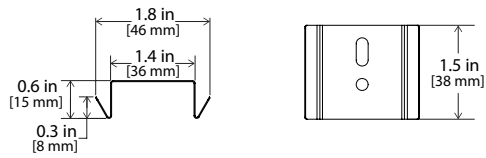
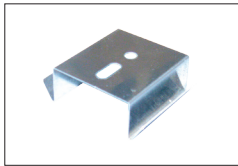
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MOUNTING HARDWARE

SURFACE MOUNT CLIP (C7A-DC)



Surface Mount

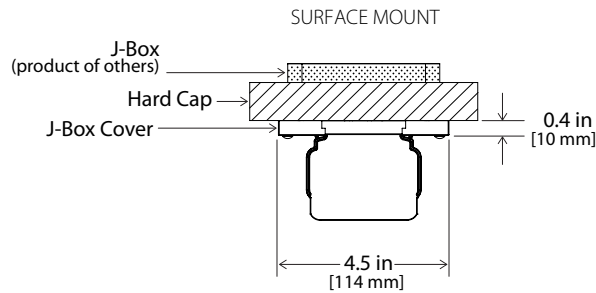


Variable Suspension Spacing
(S-hook and chain or cable by others)

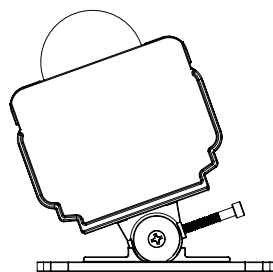
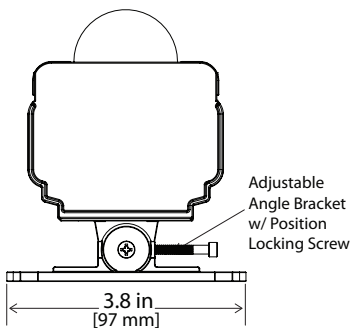


SUSPENSION EYELET (C7A-SE)

Fixed Suspension Spacing
(Chain or cable by others)



ADJUSTABLE SURFACE MOUNT (PA7)



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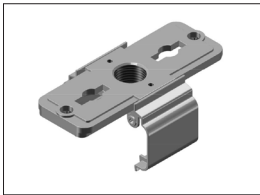
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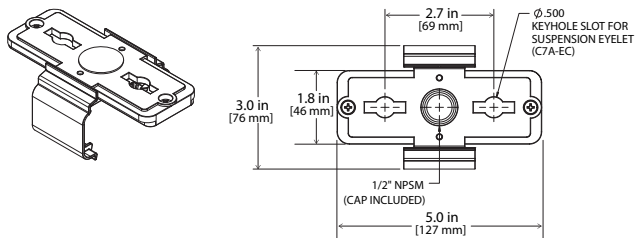
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MOUNTING HARDWARE (CONTINUED)

CONTINUOUS RUN JOINER (C7A-CR)



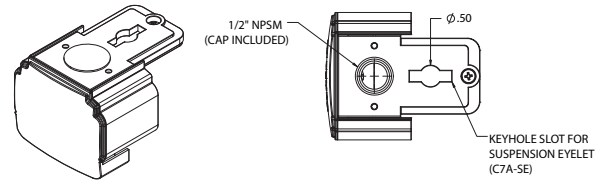
C7A-CR Pendant



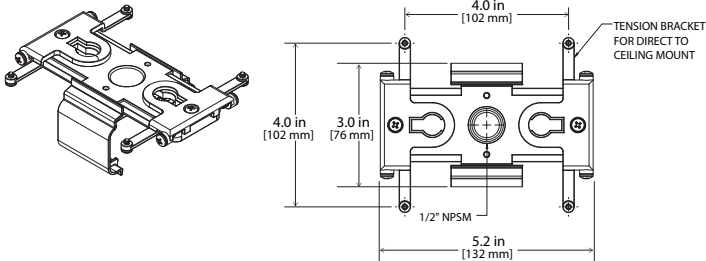
END CAP (C7A-EC-LG)



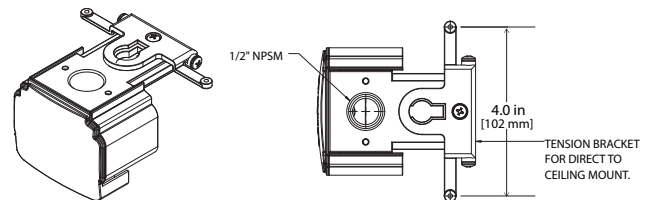
C7A-EC-LG Pendant



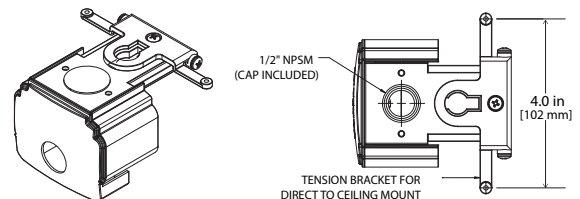
C7A-CRC Surface



C7A-ECC-LG Surface



C7A-ECCMOD-LG Surface with end knock-out



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