

C3R

RIGID LED LINEAR ACCENT LIGHTING, LOW-POWER

REMOTE POWER SYSTEM

DLC QUALIFIED



APPLICATION

C3R LED linear lighting produces uniform illumination designed to accent and highlight spaces such as small coves, under cabinets or millwork. Designed with modular CLIP[®] (Configurable Lighting Platform), C3R provides options to suit multiple application requirements. The rigid C3R may be connected to Tempo's serpentine C3S providing an elegant solution for combined curved and straight-run applications.

CONSTRUCTION

- Designed with non-ferrous components and mounting brackets. Meets MRI room requirements
- Join sections and create continuous runs from one power supply
- For combined curved and straight-run sections, C3R may be easily connected to Tempo's C3S linear serpentine system
- Easily replaceable LED printed circuit boards
- Quick wire connection device options
- CSA damp location listed

OPTICS / LENS / DIFFUSER

- Standard convex, lightly frosted lens

POWER SYSTEM

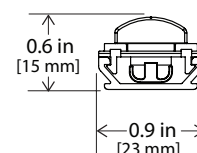
- Utilizes remote, Class II low voltage 24Volt Power Supply. Power supplies must be installed in an approved enclosure (by others) in close proximity to luminaire. Consult factory for guidance.
- Dimming options available

PERFORMANCE

- Standard module spacing of 3" nominal on center.
- Light output of 275lm/ft (nominal) at 3.3W/ft
- Dense Pack (DP) LED spacing (places more LED's closer together in each 3" module for high uniformity illumination.
- 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

- DLC listed product available in 2700K, 3000K, 3500K and 4000K
- Typical CRI of 80+
- All 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 within a maximum of a 2-step MacAdam ellipse.



WARRANTY

Tempo provides a 5-year limited warranty.



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

| | |
|-------------|-----|
| Watts/ft | 3.3 |
| Lumens/ft | 275 |
| Lumens/Watt | 80 |

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ORDERING INFORMATION

Example: C3R00-72-12-1003-33DP35S-LG

C3R00, 6ft, 12" increment, Convex lens, 3" O.C., 3.3 W/Ft DC, Dense Pack LED Spacing, 3500K, Std UniBin, Light Gray

| C3 | R | 0 | 0 | | 12 | 10 | 03 | 33 | DP | | S | LG |
|----------|----------|---------|-------------|--|-----------------------|---------------------------------|----------------|-------------|-----------------------|--|-------------------|---------------|
| PLATFORM | | | | | | PERFORMANCE | | | LIGHT CHARACTERISTICS | | | |
| Series | Platform | Profile | Type | Length | Increment Length | Optic/Lens/Diffuser | Module Spacing | Watts/Foot | LED Spacing | Color Temp | Attribute | Finish |
| C3 | R Rigid | 0 Rect. | 0 Symmetric | 48 4ft 60 5ft 72 6ft 84 7ft 96 8ft | 12 12" base increment | 10 Convex lens, lightly frosted | 03 3" O.C. | 33 3.3 (DC) | DP Dense Pack 24V | 27 2700K 30 3000K 35 3500K 40 4000K | S Standard UniBin | LG Light Gray |

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SYSTEM INTEGRATION ACCESSORIES

| POWER SUPPLIES - 24V Output for 3.3W/ft Dense Pack LED Spacing <small>Require approved enclosure (by others) in close proximity to luminaire. Consult factory for guidance.</small> | | | Run Length |
|---|-------------------------|--|------------|
| | PWR-120-EM-040-T | 120V AC Input, 24V DC Output, 40W, Triac Dimming Lutron Hi-lume 1% 2-wire LED driver (120V forward phase) -LTEA2W | 12ft |
| | PWR-UNV-EM-060 | 120-277V AC Input, 24V DC Output, 60W, Non-Dimming | 18ft |
| | PWR-UNV-EM-060-Z | 120-277V AC Input, 24V DC Output, 60W, 0-10V Dimming (100-10%) | 18ft |
| | PWR-UNV-EM-100 | 120-277V AC Input, 24V DC Output, 100W, Non-Dimming | 30ft |

| SURGE SUPPRESSION DEVICE <small>A Tempo furnished surge suppression device must be installed on each supplying branch circuit to comply with Tempo's 5-year warranty terms</small> | | |
|--|----------------|---------------------|
| | SSD-120 | 120V Branch Circuit |
| | SSD-277 | 277V Branch Circuit |

| POWER FEED CABLES <small>Additional lengths available, contact factory</small> | | |
|--|---------------------|---|
| | PFC3-F-24-36 | Female Connector, 24V, for 3.3W/ft, Dense Pack LED spacing, 36 inches |

| JUMPER FEED CABLES <small>Additional lengths available, contact factory</small> | | |
|---|----------------------|-----------------------------|
| | JFC3-MF-24-18 | Male/Female, 24V, 18 inches |

| MOUNTING HARDWARE | | |
|-------------------|----------------------------|---|
| | C3A-MTGBRKT-SURF | Set of 25 Mounting clips (screws included) 18" maximum recommended spacing between mounting clips. |
| | C3A-MTGBRKT-SURF-20 | Set of 25, 20° Mounting clips (screws included) 18" maximum recommended spacing between mounting clips. |
| | C3A-MTGBRKT-SHIELD | Extruded aluminum mounting bracket with light shield, 6ft. |

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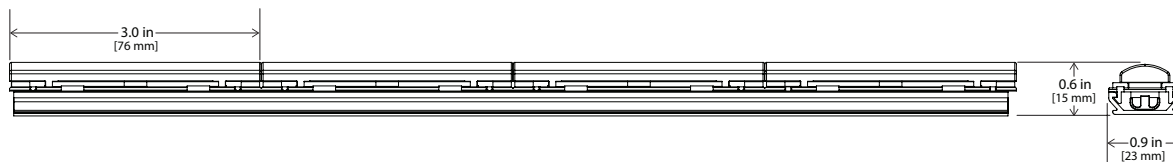
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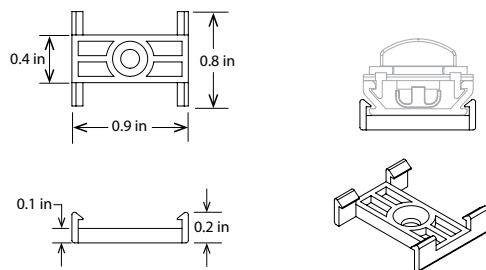
DIMENSIONAL INFORMATION

WITH CONVEX LENS



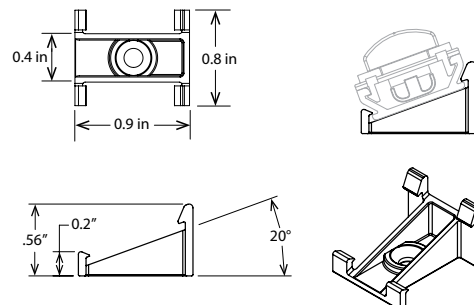
MOUNTING HARDWARE

C3A-MTGBRKT-SURF

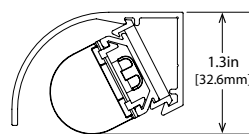
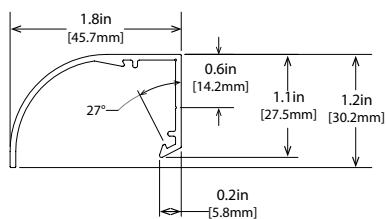


18" maximum recommended spacing between mounting clips.

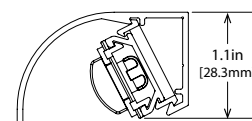
C3A-MTGBRKT-SURF-20



C3A-MTGBRKT-SHIELD



WITH DOME LENS



WITH LOW PROFILE LENS

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.