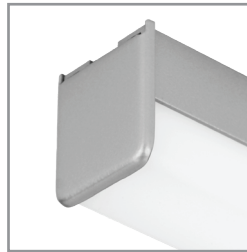


# RAD10 | RADICAL

1-1/4" wide by 1-7/16" tall miniature LED luminaire



Project: \_\_\_\_\_ Type: \_\_\_\_\_



## FEATURES

The RAD10 LED luminaire features an integral dimming driver within a minimal 1-1/4" wide by 1-7/16" tall profile. The extruded aluminum fixture is suitable for surface, cable and direct, grid ceiling mounting. A specially engineered drop lens profile produces highly uniform luminance on the three sides and corners. The proprietary integral 120V or 277V RAD10 driver includes 0-10V 10% dimming, powering 90+ CRI LEDs with three output options. Fixtures are available as single units or with plug-and-play connectivity for runs of seamless illumination up to 56'.

## SPECIFICATIONS

Fixture constructed of an extruded aluminum housing, extruded frosted acrylic lens and stamped steel end caps

Model options available for surface, cable suspended and t-grid ceiling mounting

Standard finishes are Architectural White, Matte Black and Environmental Satin Silver powder coat

Available in lengths of 1'-8' single fixtures and continuous runs

Acrylic lens extruded with proprietary diffusing resin to produce highly uniform luminance on the three sides and corners

Fixtures can join directly end-to-end for continuous runs of seamless illumination up to a maximum of 56'

Integral 120V or 277V, 0-10V dimming driver dims down to 10%

Standard outputs are 340, 550 and 650 lumens per foot

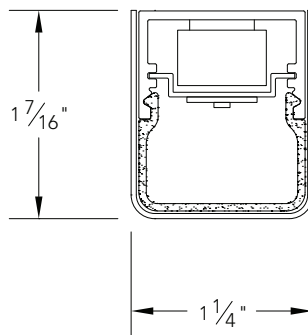
LEDs available in 2700K, 3000K, 3500K and 4000K, within a 3 step MacAdam ellipse, all with 90+ CRI typical

Life: 50,000 hours L<sub>70</sub>

Limited five year warranty

Assembled in the U.S.A.

## SECTION



## PERFORMANCE

NOMINAL LENGTH	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	L: low	340	3.0	1352	113
	R: regular	550	5.0	2205	110
	H: high	650	6.2	2601	105

Note: All data reflects fixtures with 3500K LEDs  
Pre-set at factory



## RAD10 -

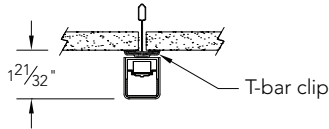
<b>FIXTURE LENGTH</b> 2: 24" 3: 36" 4: 48" 5: 60" (2+3)* 6: 72" (3+3)* 7: 84" (3+4)* 8: 96" (4+4)*	<b>CORRELATED COLOR TEMPERATURE</b> 27: 2700K-90+ CRI 30: 3000K-90+ CRI 35: 3500K-90+ CRI 40: 4000K-90+ CRI	<b>DRIVER</b> ND: non-dimming [Dimming] D: 0-10V, 10%	<b>LIGHT OUTPUT (lumens per foot)</b> L: low – 340 R: regular – 550 H: high – 650 CF: consult factory for custom output	<b>MOUNT</b> T1: T-grid 9/16", 15/16" S1: surface mount back feed C4: cable mount 4' cable length C8: cable mount 8' cable length	<b>RUN CONFIGURATION</b> SN: single ST: starter AD: adder TR: terminator	<b>FINISH</b> AW: architectural white (semi-matte) MB: matte black ESS: environmental satin silver
<b>VOLT</b> 120: 120V 277: 277V		<b>LENS</b> A: drop lens				

\* Overall length comprised of two factory-joined fixtures

## MOUNTING

### ORDERING CODE

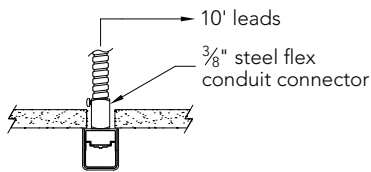
### DESCRIPTION



T1

T-BAR GRID CEILING – 9/16" and 15/16" width

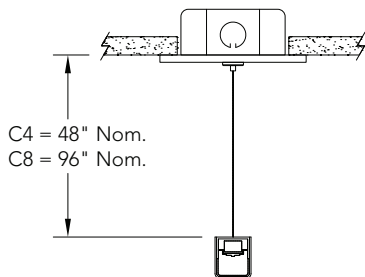
- Housing secures with t-bar clip directly to ceiling grid, without the need for tools
- 18" white power cable exits out the end for SN and ST fixtures
- SN and ST fixtures provided with  $\varnothing$  4-3/4" canopy power feed plate in white finish for attaching to 4" octagonal junction box by others



S1

SURFACE MOUNT – BACK FEED

- Use appropriate fastener through  $\varnothing$ 3/16" holes in housing
- SN and ST fixtures wired with 10' low voltage leads
- Installed feed connector on SN and ST fixtures accepts 3/8" steel flex conduit



C4 and C8

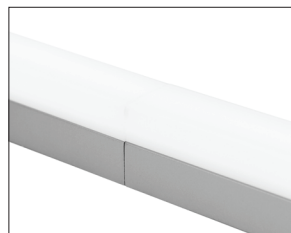
CABLE MOUNT

- Aircraft cables are  $\varnothing$  1/32"x 48" (C4) or 96" (C8)
- SN and ST fixtures provided with 60" (C4) or 108" (C8) power cable in coordinating finish
- Mounting at ceiling accomplished with bracket bars,  $\varnothing$  5" white canopies and canopy mount cable grippers

## CONTINUOUS RUN CONNECTION



Joining/alignment clip and electrical connector shown



Fixtures joined with seamless illumination

### NOTATIONS

- A spring-steel clip mechanically aligns and joins fixtures without the need for tools
- Fixtures provided with electrical quick-connect for primary and dimming circuit
- Any combination of fixture lengths can be joined up to a maximum length of 56'

## LENGTH/MOUNTING DIMENSIONS

ORDERING CODE	LENGTH A	LENGTH B	LENGTH C	LENGTH D	LENGTH E
24	24-1/16"	24-1/32"	24"	23-1/16"	23-17/32"
36	36-1/16"	36-1/32"	36"	35-1/16"	35-17/32"
48	48-1/16"	48-1/32"	48"	47-1/16"	47-17/32"
60*	60-1/16"	60-1/32"	60"	59-1/16"	59-17/32"
72*	72-1/16"	72-1/32"	72"	71-1/16"	71-17/32"
84*	84-1/16"	84-1/32"	84"	83-1/16"	83-17/32"
96*	96-1/16"	96-1/32"	96"	95-1/16"	95-17/32"

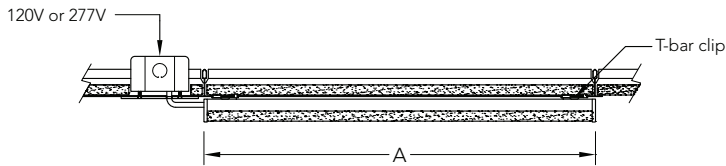
\* Overall length comprised of two factory-jointed fixtures

## RUN CONFIGURATION INFORMATION

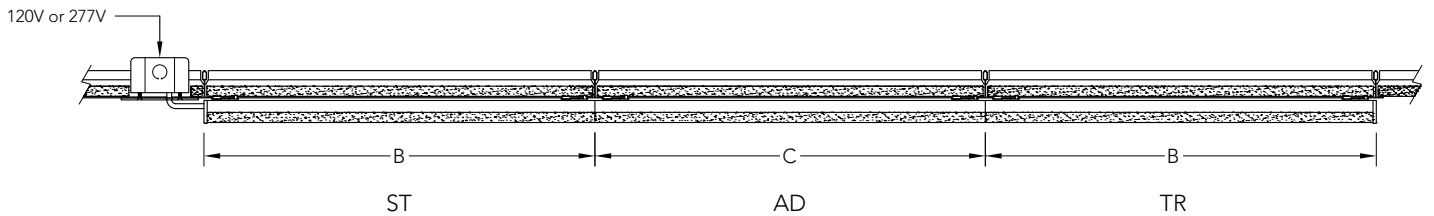
ORDERING CODE	DESCRIPTION
SN	Single
ST	Starter
AD	Adder
TR	Terminator

## RUN INFORMATION

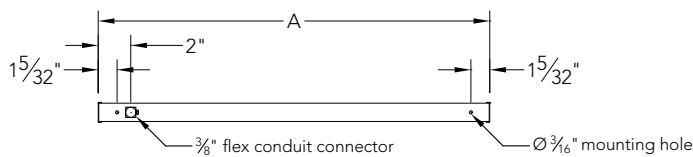
Side View - T-Bar Grid Ceiling Single Fixture



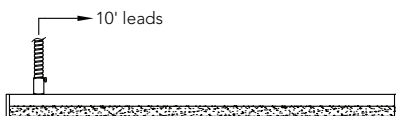
Side View - T-Bar Grid Ceiling Continuous Run



Back Plan - Surface Mount Single Fixture



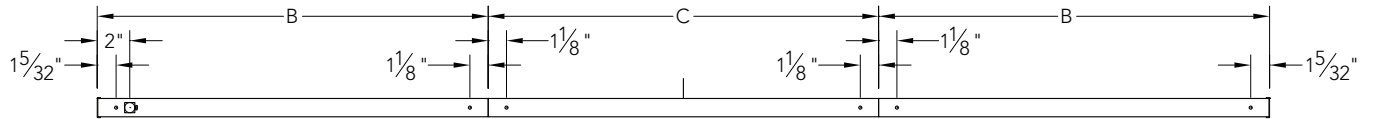
Side View - Surface Mount Single Fixture



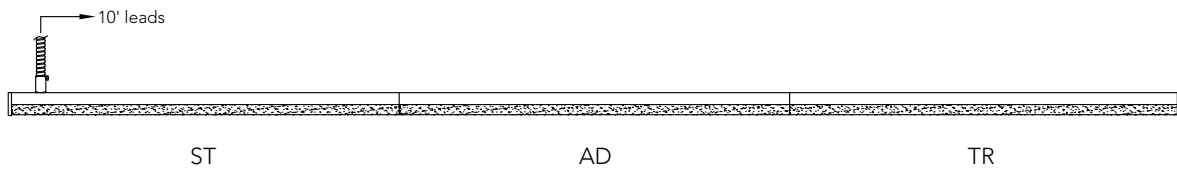
SN

RUN INFORMATION

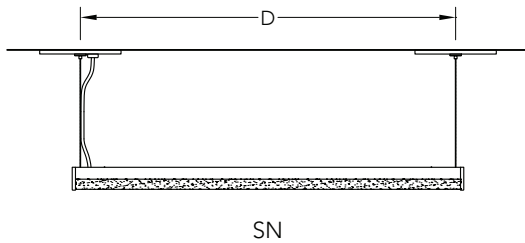
Back Plan - Surface Mount Continuous Run



Side View - Surface Mount Continuous Run



Side View - Cable Mount Single Fixture



Side View - Cable Suspended Continuous Run

