

DESIGN & SPECIFICATION PARAMETERS

TO DESIGN WITH AND SPECIFY TUBELITE DETERMINE THE FOLLOWING VARIABLES:

- RUN LENGTH
- END PREPARATION
- CIRCUITING
- LAMP SPACING
- TUBE TYPE
- VOLTAGE
- TUBE COLOR
- MODEL NUMBERING

RUN LENGTH

TUBELITE IS BUILT WITH SPECIAL CIRCUITRY THAT RESULTS IN VERY LONG LAMP LIFE IN EXCESS OF 100,000 HOURS. THE NATURE OF THE SPECIAL CIRCUITRY DICTATES TUBELITE CANNOT BE CUT OR TRIMMED IN THE FIELD. AS A RESULT, EXACT FIELD DIMENSIONS ARE REQUIRED TO PRODUCE TUBELITE.

CIRCUITING

TUBELITE IS AVAILABLE IN SINGLE-CIRCUIT <1>, FOUR-CIRCUIT <4> OR WITH CUSTOM CIRCUITRY <C>. SPECIFY SINGLE-CIRCUIT TUBELITE WHEREVER EACH TUBELITE LAMP IS INTENDED TO BURN STEADILY WHEN POWER IS APPLIED TO THE FIXTURE. SPECIFY FOUR-CIRCUIT TUBELITE WHEN A "CHASING" EFFECT IS DESIRED. CHASING TUBELITE REQUIRES ELECTRONIC EQUIPMENT KNOWN AS CHASERS TO OPERATE. CONSULT THE FACTORY FOR MORE INFORMATION ABOUT CHASERS.

TUBE TYPE

<A> FOR SURFACE MOUNTING STRAIGHT RUNS OR CURVES TO A 12 INCH RADIUS WHERE TUBELITE MAY RECEIVE PHYSICAL ABUSE.

 FOR USE WITH ADAPTIVE MOLDINGS (SEE MOLDINGS) OR FOR RECESSED MOUNTING STRAIGHT RUNS OR CURVES TO A 12 INCH RADIUS WHERE TUBELITE MAY RECEIVE PHYSICAL ABUSE.

<C> FOR SURFACE MOUNTING STRAIGHT RUNS OR CURVES TO A 6 INCH RADIUS WHERE TUBELITE WILL NOT RECEIVE PHYSICAL ABUSE.

<D> FOR RECESSED MOUNTING STRAIGHT RUNS OR CURVES TO A 6 INCH RADIUS WHERE TUBELITE WILL NOT RECEIVE PHYSICAL ABUSE.

<J> FOR APPLICATIONS REQUIRING EXTREME FLEXIBILITY WHERE TUBELITE WILL NOT RECEIVE PHYSICAL ABUSE.



CROSS SECTION
ACTUAL SIZE

TUBE COLOR

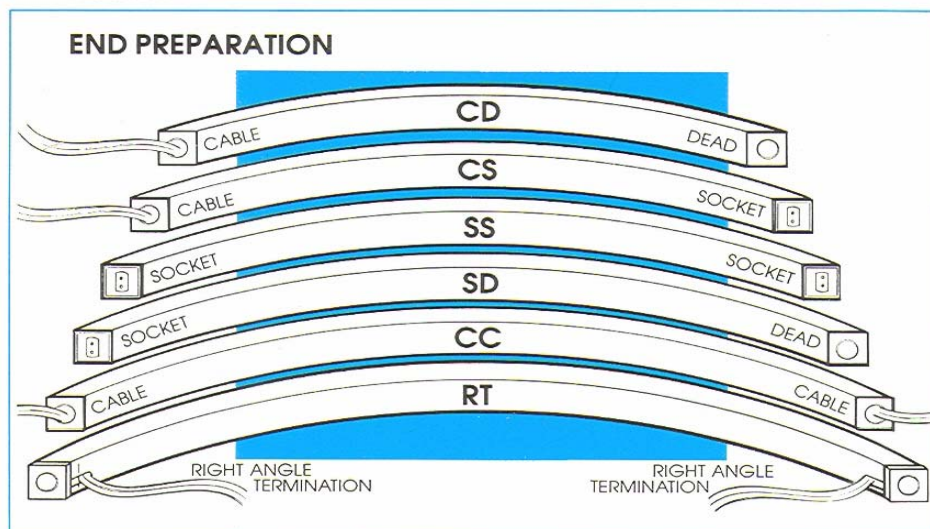
TUBES ARE AVAILABLE IN FOUR COLORS: SMOKE <S>, RED <R>, AMBER <A> AND CLEAR <C>.



<S> <R> <A> <C>

END PREPARATION

THE ENDS OF TUBELITE TUBES CAN BE FINISHED TO ACCOMMODATE FIELD CONDITIONS. ENDS ARE AVAILABLE WITH A LENGTH OF FACTORY-ATTACHED HOOKUP CABLE <C>, HOOKUP CABLE WHICH EXITS THE TUBE OUT THE SIDE OF THE END <C/RT>, A MINIATURE SOCKET, <S> OR A DEAD ENDCAP <D>. TUBELITE FITTED WITH SOCKETS COMES WITH BI-PIN CONNECTORS <BC> OR CORNER CONNECTORS <CC> DEPENDING ON LAYOUT. FOR WET LOCATIONS, ADD <WL> TO THE END PREP COMPONENT OF THE MODEL NUMBER.



LAMP SPACING

LAMPS ARE AVAILABLE IN ANY SPACING FROM <2> TO <12> INCHES. TUBELITE LAMPS ARE WIRED IN A SPECIAL SERIES-PARALLEL CIRCUIT TO DELIVER A VERY LONG LAMP LIFE IN EXCESS OF 100,000 HOURS. WITH 24 VOLT TUBELITE, THE SPECIAL CIRCUITRY DICTATES THERE MUST BE 6 OR A MULTIPLE OF 6 LAMPS IN ANY ONE TUBE. WITH 12 VOLT TUBELITE, THERE MUST BE 3 OR A MULTIPLE OF 3 LAMPS IN ANY ONE TUBE. THESE MULTIPLE-LAMP REQUIREMENTS HAVE A LIMITING EFFECT ON LAMP SPACING. CHOOSE ANY LAMP SPACING THAT WILL WORK WITHIN THE 3- OR 6-LAMP LIMITS.

VOLTAGE

TUBELITE IS A LOW VOLTAGE LIGHTING DEVICE THAT REQUIRES TRANSFORMERS TO OPERATE. SEE TRANSFORMERS. MOST TUBELITE OPERATES ON <24> VOLTS. TUBELITE CAN ALSO BE MADE TO OPERATE ON <12> VOLTS TO BE COMPATIBLE WITH EXISTING 12 VOLT SYSTEMS, EMERGENCY LIGHTING SYSTEMS, OR AUTOMOBILE OR MARINE BATTERIES.

MOUNTING

TUBELITE IS MOUNTED IN A VARIETY OF WAYS DEPENDING ON APPLICATION. FOR TUBE TYPE SELECTION, SEE THE TUBE TYPE SECTION OF THIS BROCHURE.

SURFACE MOUNTING IS SIMPLEST AND USES CLEAR PLASTIC ATTACHMENT CLIPS SECURED WITH A SCREW.

SILICON ADHESIVE IS BEST FOR OUTDOOR APPLICATIONS AGAINST ANY SURFACE. A 24 HOUR "CURE" TIME IS REQUIRED FOR SILICON ADHESIVE TO SET UP.

RECESSED MOUNTING IS ACHIEVED BY CREATING A GROOVE IN THE MOUNTING SURFACE THE DEPTH AND WIDTH OF THE SPECIFIED TUBE TYPE. FOR OUTDOOR APPLICATIONS THE USE OF "U" MOLDING IS RECOMMENDED TO STABILIZE THE TUBELITE. FOR EXAMPLE, IN A WOOD DECK, ROUTER A 1/2" X 1/2" GROOVE TO ACCEPT MOLDING STYLE "U" AND INSERT TUBE TYPE "B" INTO THE MOLDING. SEE MOLDINGS FOR AVAILABLE MOLDINGS.

AISLE AND STEP MOUNTING REQUIRES MOLDINGS DESIGNED SPECIALLY FOR THAT USE. SEE MOLDINGS FOR AVAILABLE MOLDINGS AND THEIR APPLICATIONS.

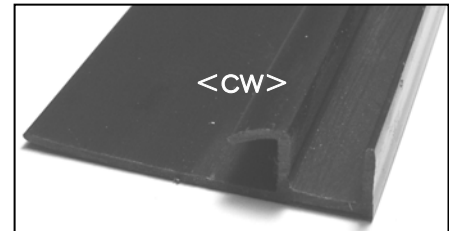
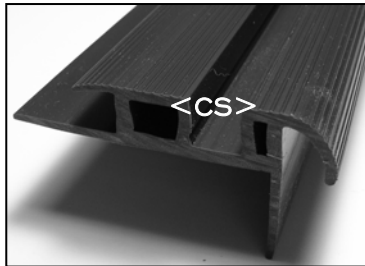
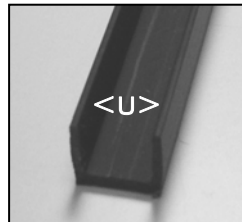
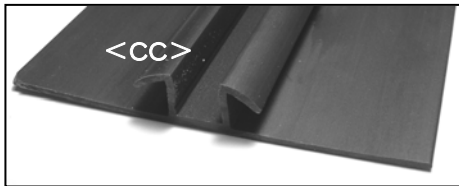
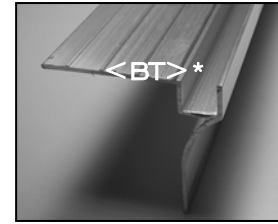
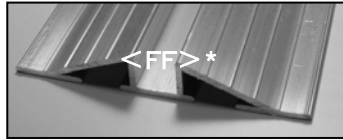
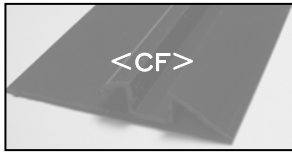
CURVED APPLICATIONS ARE ACCOMMODATED BY FLEXIBLE TUBELITE. SEE TUBE TYPE FOR CURVING RADII. WHEN TUBELITE IS MOUNTED IN MOLDINGS, CURVES CAN BE ACHIEVED IN MOST CASES BY KERFING* THE MOLDINGS.

*PLACING SAW CUTS EVERY INCH TO RELIEVE THE MOLDING'S RIGIDITY.

MOLDINGS

TUBELITE IS AVAILABLE WITH A VARIETY OF SEMI-RIGID PVC MOLDINGS WHICH ALLOW TUBELITE TO ACCOMMODATE MANY FLOOR-MOUNTED APPLICATIONS.

MOLDINGS



*EXTRUDED ALUMINUM UNTIL FURTHER NOTICE. STANDARD FINISH: NATURAL ALUMINUM. POWDER-COATING AND ANODIZING AVAILABLE. ALL OTHERS SEMI-RIGID PVC WITH DARK BRONZE FINISH.

MODEL NUMBERING GUIDE

USE THE INFORMATION IN THIS SECTION TO PRODUCE A MODEL NUMBER FOR THE TUBELITE SYSTEM YOU HAVE SPECIFIED:

SAMPLE MODEL NUMBER

<TL> - <20'0" > - <1 > - - <C > - <U > - <CD > - <4 > - <24 >

FIXTURE SERIES	RUN LENGTH	CIRCUITS	TUBE TYPE	TUBE COLOR	MOLDING	END PREP	LAMP SPACING	VOLTS
TL	20'0"	1	A	C	CF	CD	2	12
		4	B	R	CW	CS	3	24
		C	C	A	CC	CC	4	
			D	S	CS	C/RT	6	
			J		BT	SS	12	
			U		WL			
			FF		SD			