

## DESCRIPTION

Halo-2 Power-Trac system provides two separate 20 AMP circuits. Each circuit can be independently switched. Provides maximum flexibility, with a miniature profile. Suitable for a wide range of commercial, merchandising and residential applications. Electrical capacity is 20 AMPS per circuit when properly balanced. Installing lampholders is simple. An adjustable contact allows selection of the circuit position. Lift or lower the contact until it touches the plastic stop of the assembly. For circuit #1 move contact to the down position. For circuit #2 move contact to the up position. Halo 2-Circuit Track accepts both Halo and Lazer-by-Halo lampholders.

Catalog #		Type
Project		
Comments		Date
Prepared by		

## SPECIFICATION FEATURES

**A. Structural**

Extruded aluminum .060" [1.5mm] nominal wall thickness. Halo-2 Power-Trac is 11/16" (17.5mm) deep by 1-3/8" (35mm) wide. Same as Halo Miniature Trac.

**B. Line Conductors**

Solid copper bus bars [cross section equivalent to #12 AWG wire. Encased in rigid extruded PVC insulators.

**C. Insulating Liner**

Rigid extruded polyvinyl insulators.

**D. Ground Conductor**

Exclusive independent grounding bus conductor. Maintains an independent positive ground #12 AWG path between lampholder, Trac channel and building's ground system.

**E. Neutral Conductor**

Cross section equivalent of #12 AWG wire.

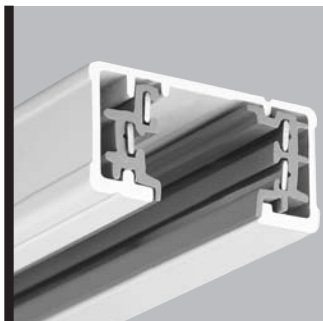
**F. Polarity Indicator (Neutral)**

Visual polarity groove indicates proper electrical installation of lampholder adapter. All Halo-2

Power-Trac is shipped from the factory with a "LEFT" dead end installed. The L941 Live End Connector is designed to attach to the right hand side of the track. Locate small polarity indicator on the connector and align with polarity groove on track.

**Listing**

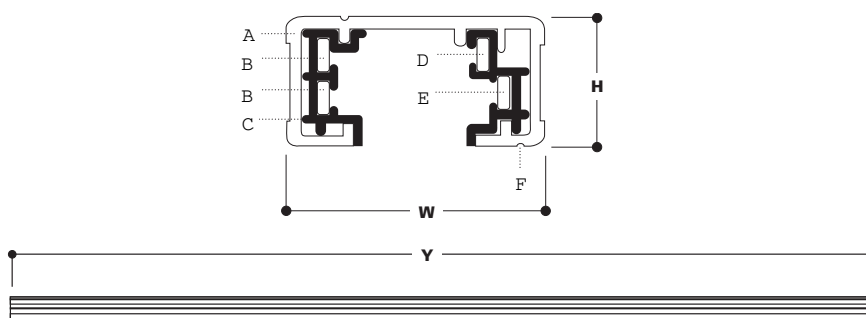
cULus listed for use with Halo and Lazer-by-Halo lampholders.



**L641, L642, L643**

**MINIATURE  
TWO CIRCUIT  
TRAC SYSTEM**

**Power-Trac**



## ORDERING INFORMATION

SAMPLE NUMBER: 641MB

Trac	Finishes	Accessories
<div style="border: 1px solid black; width: 100px; height: 100px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 100px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 100px;"></div>	<div style="border: 1px solid black; width: 100px; height: 100px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 100px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 100px;"></div>	<div style="border: 1px solid black; width: 100px; height: 100px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 100px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 100px;"></div>
<b>L641</b> =4' <b>L642</b> =8' <b>L643</b> =12'	<b>P</b> =Satin White <b>MB</b> =Matte Black <b>SL</b> =Silver	(See Below)

L641	L642	L643
L =4' Nominal Actual length: 42-5/8" [1083mm] W=1-3/8" [35mm] H =11/16" [17.5mm]	L =8' Nominal Actual length: 90-5/8" [2302mm] W=1-3/8" [35mm] H =11/16" [17.5mm]	L =12' Nominal Actual length: 138-5/8" [3521mm] W=1-3/8" [35mm] H =11/16" [17.5mm]

Finish Codes	Finish Codes	Finish Codes
<b>P</b> = White <b>MB</b> = Black <b>SL</b> = Silver	<b>P</b> = White <b>MB</b> = Black <b>SL</b> = Silver	<b>P</b> = White <b>MB</b> = Black <b>SL</b> = Silver

## Connectors

**L900** Outlet Box Cover  
**L941** Live End connector  
**L942** Flexible Connector  
**L943** Straight/"L" Connector  
**L945** "T" Connector  
**L946** "X" Connector  
**L949** Mini Joiner  
**L947** Conduit Connector  
**L989** Conduit Continuation Kit  
**L980** Live End Conduit Adapter

## Accessories

**L951** Wire Way Cover for Pendant Assembly Kit  
**L983** T-Bar Attachment Clip  
**L992** Pendant Kit assembly  
**L18** 18" Steel Stem  
**L36** 36" Steel Stem  
**L48** 48" Steel Stem  
**L994** Pendant Adapter  
**DE641** Dead End

## Current Limiter - End Feed

LC941	CB1*	CB2*
<b>*CB1</b> <b>Circuit 1</b> <b>Breaker</b>	<b>LC941CB120</b> =120W (1A @120V) <b>LC941CB300</b> =300W (2.5A @120V) <b>LC941CB600</b> =600W (5A @120V) <b>LC941CB960</b> =960W (8A @120V) <b>LC941CB1200</b> =1200W (10A @120V)	<b>LC941CB120</b> =120W (1A @120V) <b>LC941CB300</b> =300W (2.5A @120V) <b>LC941CB600</b> =600W (5A @120V) <b>LC941CB960</b> =960W (8A @120V) <b>LC941CB1200</b> =1200W (10A @120V)

## Current Limiter - Center Feed

LC943	CB1*	CB2*
<b>*CB1</b> <b>Circuit 1</b> <b>Breaker</b>	<b>LC943CB120</b> =120W (1A @120V) <b>LC943CB300</b> =300W (2.5A @120V) <b>LC943CB600</b> =600W (5A @120V) <b>LC943CB960</b> =960W (8A @120V) <b>LC943CB1200</b> =1200W (10A @120V)	<b>LC943CB120</b> =120W (1A @120V) <b>LC943CB300</b> =300W (2.5A @120V) <b>LC943CB600</b> =600W (5A @120V) <b>LC943CB960</b> =960W (8A @120V) <b>LC943CB1200</b> =1200W (10A @120V)

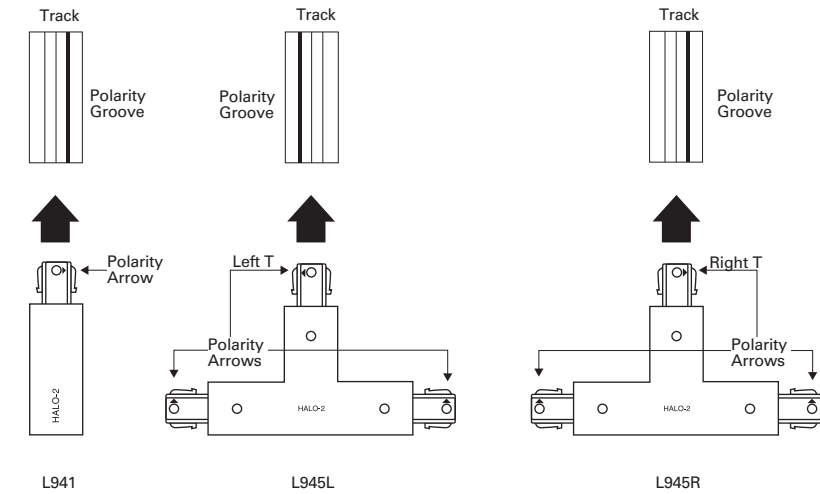
## Finish Codes

**P** = White  
**MB** = Black

DESCRIPTION

Polarity Indicators

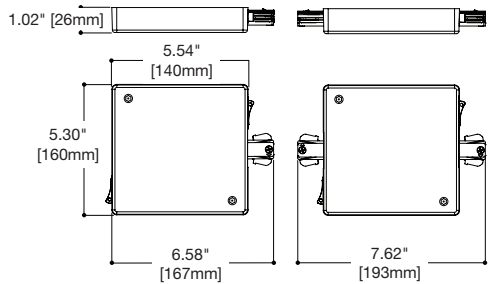
Neutral is indicated on two circuit power track by the groove placed along the flange of the track. The connectors show neutral polarity by the arrow on the end of the connector. The left handed T connector, L945L has an arrow facing left when the crossbar of the T is at the bottom, and "Halo-2" is right-reading. The L945R, a right handed T connector has the arrow facing right when the crossbar of the T is at the bottom, and "Halo-2" is right-reading.



LC941, LC943

Current Limiter End and Center Feeds

End-feed and Center-feed capable:  
Five breaker sizes are available. Consult factory if other sizes are required. Can be utilized on hard or grid ceilings. Can be used with pendant suspended track. Breaker can be used as an on-off switch. Breaker features a "tripped" condition indicator. Feeds employing two circuit breakers do not require breakers to be the same size. Each breaker can be sized according to desired load. Approved by the California Energy Commission – meets Title 24 requirements. cULus Listed



Feed Type	Circuit 1 Breaker	Circuit 2 Breaker	Finish
LC941 = Halo Power-Trac 2-Circuit End Feed	CB120 = 120W (1A @ 120V) CB300 = 300W (2.5A @ 120V)	CB120 = 120W (1A @ 120V) CB300 = 300W (2.5A @ 120V)	P=White MB=Black
LC943 = Halo Power-Trac 2-Circuit Center Feed	CB600 = 600W (5A @ 120V) CB960 = 960W (8A @ 120V) CB1200 = 1200W (10A @ 120V)	CB600 = 600W (5A @ 120V) CB960 = 960W (8A @ 120V) CB1200 = 1200W (10A @ 120V)	

Sample catalog number: LC941CB120CB600P (Field assembly of feed and circuit breaker required)

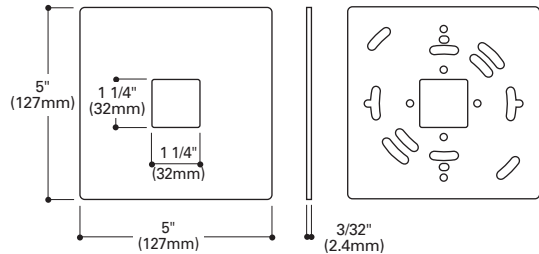
L900 Outlet Box Cover

Can be used at any electrical feed connection point (Live, Straight, L, T or X). Drill guides on back for virtually all standard outlet boxes. Size: 5" sq. Screws included.

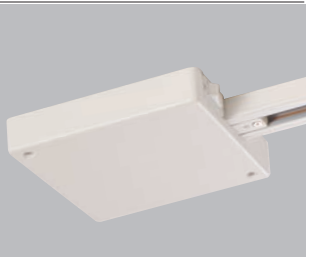
Finish Codes: P (White), MB (Black)

ORDERING INFORMATION

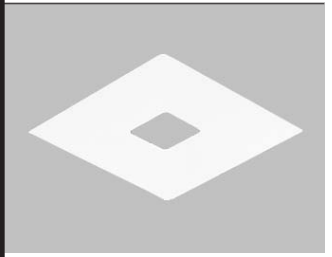
Connector	Finish
L900	



L641, L642, L643  
CONNECTORS  
AND  
ACCESSORIES



LC941  
LC943



L900

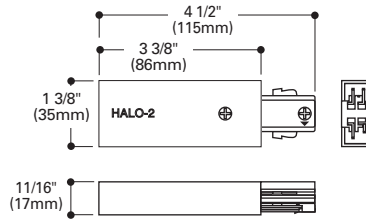
## L941 Live End Connector

To start a run. Right hand polarity.  
(Left hand polarity live end connector available.  
Consult factory).

Finish Codes: P (White), MB (Black)

### ORDERING INFORMATION

Connector	Finish
<b>L941</b>	



**L941**

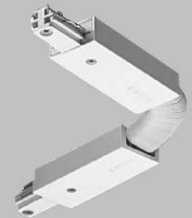
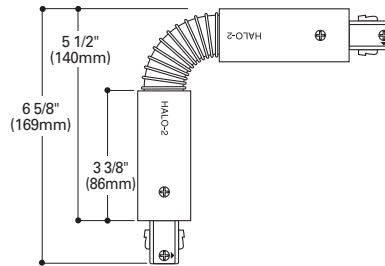
## L942 Flex Joiner

To connect two track sections at any angle up to 90,° in  
either plane or wall to ceiling or pitched ceiling  
applications.

Finish Codes: P (White), MB (Black)

### ORDERING INFORMATION

Connector	Finish
<b>L942</b>	



**L942**

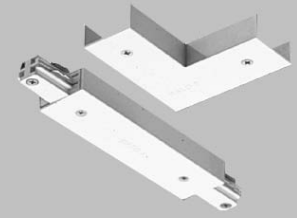
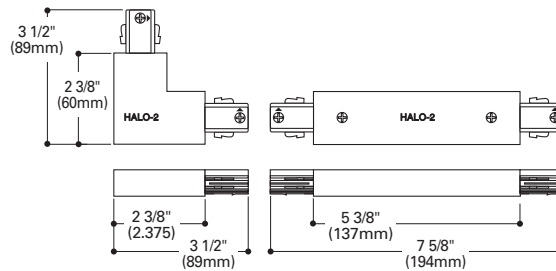
## L943 Straight/L Connector

To connect two track sections end-to-end or at a  
90° angle. May be used as feed point.

Finish Codes: P (White), MB (Black)

### ORDERING INFORMATION

Connector	Finish
<b>L943</b>	



**L943**

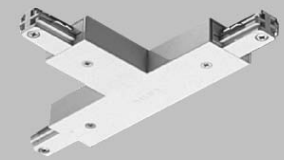
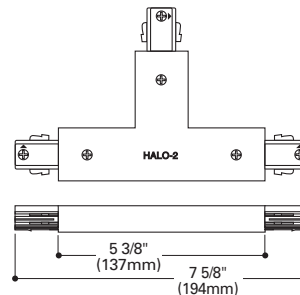
## L945R Right T Connector

"T" connector for joining three track sections with  
right hand polarity. May be used as feed point.

Finish Codes: P (White), MB (Black)

### ORDERING INFORMATION

Connector	Finish
<b>L945R</b>	



**L945R**

Note: Specifications and Dimensions subject to change without notice.

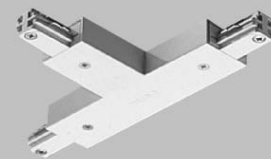
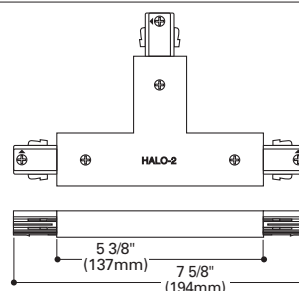
**L945L Left T Connector**

"T" connector for joining three trac sections with left hand polarity. May be used as feed point.

Finish Codes: P (White), MB (Black)

**ORDERING INFORMATION**

Connector	Finish
<b>L945L</b>	

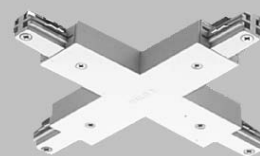
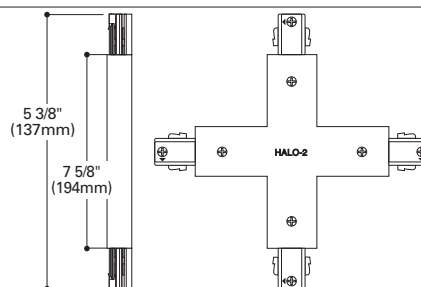

**L945L**
**L946 X Connector**

To connect four track section into a cross configuration. May be used for feed point.

Finish Codes: P (White), MB (Black)

**ORDERING INFORMATION**

Connector	Finish
<b>L946</b>	

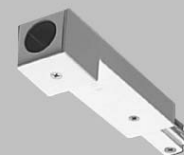
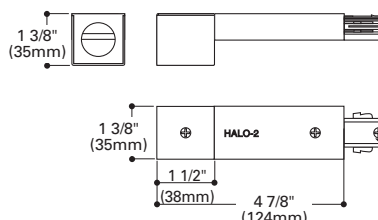

**L946**
**L947 Conduit Connector**

A live end connector for use with surface conduit. Designed to accept standard 1/2" conduit fitting (not included). May be used for feed point.

Finish Codes: P (White), MB (Black)

**ORDERING INFORMATION**

Connector	Finish
<b>L947</b>	

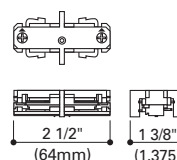

**L947**
**L949 Mini Joiner**

To join two straight track sections end-to-end. Not a feed point.

Finish Codes: P (White), MB (Black)

**ORDERING INFORMATION**

Connector	Finish
<b>L949</b>	

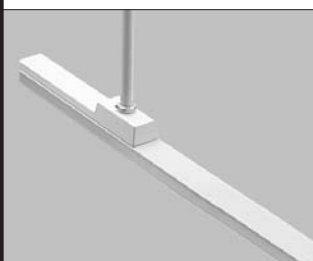
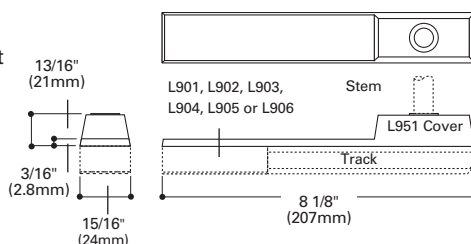

**L949**
**L951 Wire Way Cover for Pendant Assembly Kit**

For track to be wired through stem (one for each live end used). Shown with end feed and pendant stem kit—order separately

Finish Codes: P (White), MB (Black)

**ORDERING INFORMATION**

Connector	Finish
<b>L951</b>	


**951**

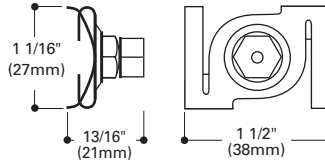
## DESCRIPTION

### L983 T-Bar Attachment Clip

Allows track to be attached to inverted tee ceiling. Order as follows: 2 kits for 4' Trac; 3 kits for 8' Trac and 4 kits for 12' Trac.

### L986 Mini-T Bar Clip

For mounting Trac on suspended ceilings with mini-grid (9/16" wide) system.



## ORDERING INFORMATION

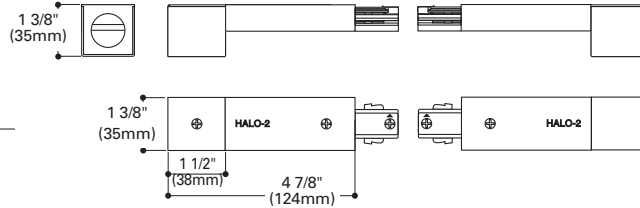
Connector

L98\_

### L989 Conduit Continuation Kit

Includes one left and one right feed. To continue a run around obstructions with 1/2" trade size surface conduit.

Finish Codes: P (White), MB (Black)



## ORDERING INFORMATION

Connector

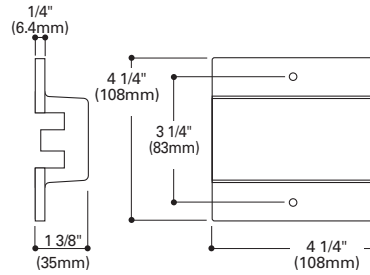
Finish

L989

### L929 Floating Canopy and Connector

Can be connected anywhere along length of Trac. Comes with canopy cover, connector, dead-end and mounting hardware.

Finish Codes: P (White), MB (Black)



## ORDERING INFORMATION

Connector

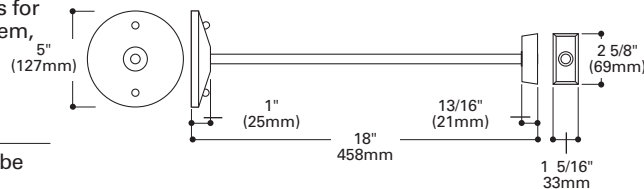
Finish

L909

### L992 Pendant Kit Assembly

To suspend track from ceiling. Order as follows: 2 kits for 4' Trac; 3 kits for 8' Trac; and 4 kits for 12' Trac. Includes one 18" threaded steel stem, canopy and mounting hardware.

Finish Codes: P (White), MB (Black)



### L48 48" Steel Stem

For additional length of stem for L992. Can be field cut and threaded.

Finish Codes: P (White), MB (Black)

## ORDERING INFORMATION

Connector

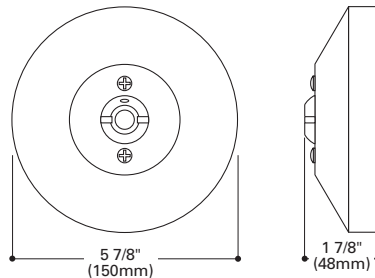
Finish

L992

### L994 Pendant Adapter

For installing pendant mounted Power-Trac on sloped ceiling. For use with L992.

Finish Codes: P (White), MB (Black)



## ORDERING INFORMATION

Connector

Finish

L994

L983

L989

L929

L992

L994

Note: Specifications and Dimensions subject to change without notice.