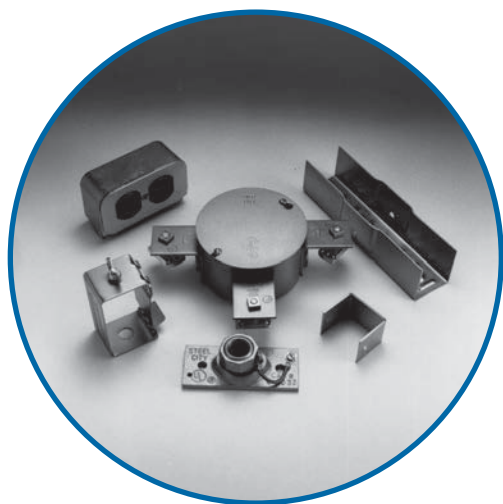


## Surface Raceway and Lighting Systems



### Material

Superstrut® electrical raceway, fixture hanging channel, closure strip and accessories are manufactured from hot rolled strip steel. Standard finish for the accessories is GoldGalv®.

### Design Data

Deflections at various hanger rod spacings for raceway channels based on 40 to 45 lb. per fixture.

Deflection			
Channel	at 10 ft. (in.)	at 12 ft. (in.)	at 14 ft. (in.)
A1200	1/4	1/2	3/4
C1200	3/8	3/4	*
A1400			*

Deflection			
Channel	at 6 ft. (in.)	at 7 ft. (in.)	at 9 ft. (in.)
B1200	3/8	9/16	5/8
B1400	1	1/2	*

\*Not recommended for this spacing.

### Electrical Raceway

Superstrut channel together with snap-in closure strip is listed by Underwriters Laboratories as a surface metal raceway. Other accessories listed by Underwriters Laboratories are identified on the drawings.



Wire Size AWG	Maximum Number of Wires							
	Raceway							
	With or Without KO A1200 A1400		B1200 B1400		C1200		E1200 H1200	
	A	B	A	B	A	B	A	B
14	6	10	4	6	5	10	6	10
12	6	10	3	6	4	10	6	10
10	5	8			4	6	5	8
8	4	6			3	4	4	6
6	2	3			2	2	2	3

COLUMN A: Suitable for number of wires indicated when used as a raceway. Also suitable for number of wires indicated when installed to support and supply electrical fixtures when raceway wiring is suitable for not less than 75°C.

By providing clearance between fixture and raceway of not less than 1/2 in., where suitable for 60°C may be used.

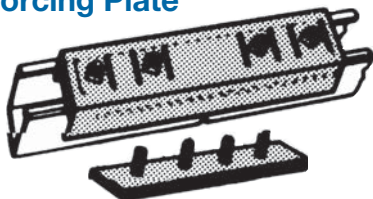
COLUMN B: Suitable for number of wires indicated when used as a raceway. Also suitable for number of wires indicated when installed to support electrical fixtures when clearance of not less than 1/8 in. is provided between raceway and fixture and when wiring is suitable for 75°C.

Applicable Channels	
A1200	B1200
A1200-KO	B1400
A1400	C1200
A1400-KO	E1200
	H1200

## Surface Raceway and Lighting Systems

### Fixture Fittings

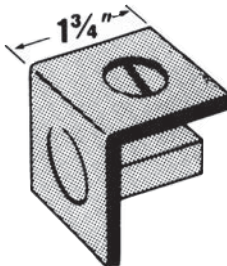
#### 802 Raceway Joiner With Reinforcing Plate



Furnished complete with nuts.

Cat. No.	For Channel	Wt./C lb.
A802EG	A Series	158
B802EG	B Series	112
E802EG	E Series	170
H802	H Series	182

#### 805 End Cap With Knockout



KO for 1/2 in. conduit. Furnished complete with 1/4 in. x 5/8 in. flat head machine screw and AB100-1/4 nut.

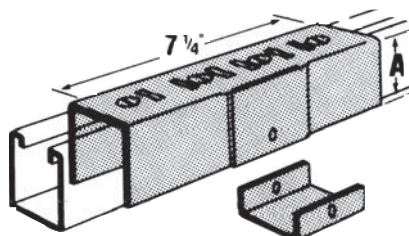
Cat. No.	For Channel	Wt./C lb.
A805EG	A Series	21
H805EG	H Series	31

#### A853L Channel Hanger - Long



Long type for all Series channel. Wt./C 48 lb.

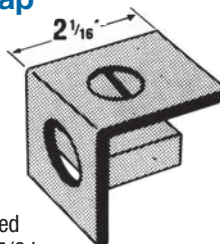
#### 822 Raceway Joiner & Seal



Furnished complete with 1/4 in. x 5/8 in. machine screws and AB100-1/4 nuts.

Cat. No.	A (in.)	For Channel	Wt./C lb.
A822	1-11/16	A Series	75
B822	7/8	B Series	56

#### 809 Tapped End Cap



12 ga. steel. For 3/4 in. or 1 in. conduit. Furnished complete with 1/4 in. x 5/8 in. flat head machine screw and AB100-1/4 nut.

Rod Size	For Channel	Wt./C lb.
A809-3/4EG	A Series	2
E809-3/4EG	E Series	26

#### A854 Channel Hanger

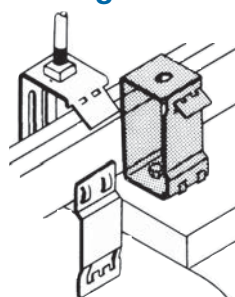
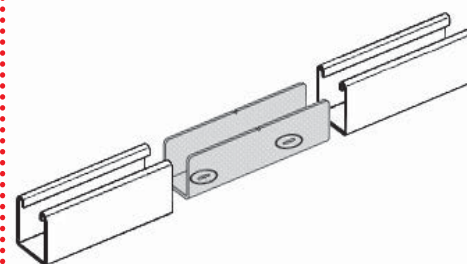


Illustration showing A854 with nut and bolt furnished to attach to fluorescent fixture. Use with A, B, C or D Series channel. Wt./C 34 lb.

#### A213 Inside Joiner



For A1200 Series channel. Only available in GoldGalv® finish.

#### A853 Channel Hanger



Use hanger rod 3/8 in. or 1/2 in. Use with A, AR, B, BR or C Series single channel. Wt./C 25 lb.

#### A854L Channel Hanger - Long

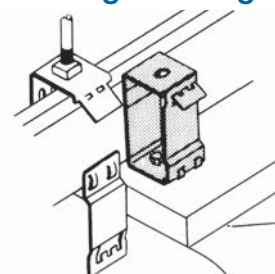


Illustration showing A854L with nut and bolt furnished to attach to fluorescent fixture. Use with E and H Series channel as well as A, B, C or D Series channel. Wt./C 51 lb.

## Surface Raceway and Lighting Systems

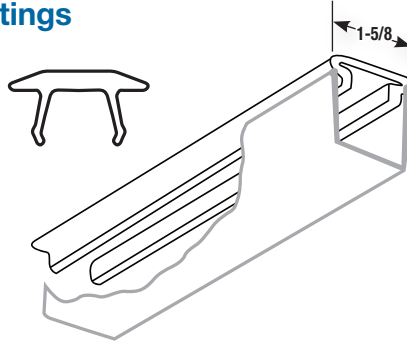
### Fixture Fittings

#### Pre-Galvanized Steel Closure Strip

AB844PGC  
AB844PGCWH White Epoxy Powder Coated

#### Plastic Closure Strip

AB844PC Color : Gold  
AB844PCGY Color : Grey

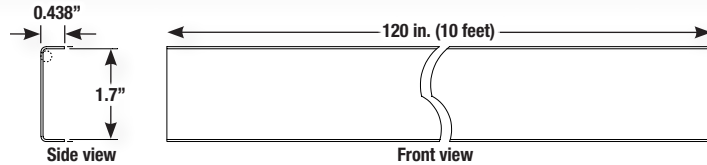


- When used as a raceway, channel is normally installed with the slot up. After wiring has been completed the closure strip is installed.
- For all channels.
- Standard length: 10 ft.



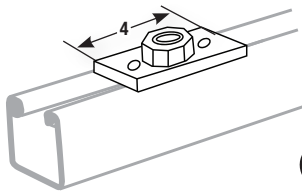
#### Stainless Steel Closure Strip

AB844SS6CS



Note:  
Strapping not included.

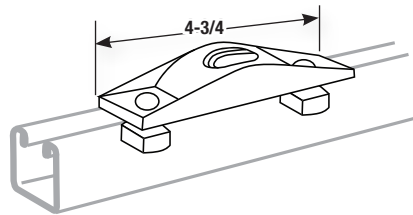
#### AB803 Cast Conduit Connector



To connect 1/2 in. or 3/4 in. conduit to raceway channel. Furnished complete with stud nuts and hex nuts. Part has removable bushing to increase size from 1/2 in. to 3/4 in.

Wt./C 60 lb.

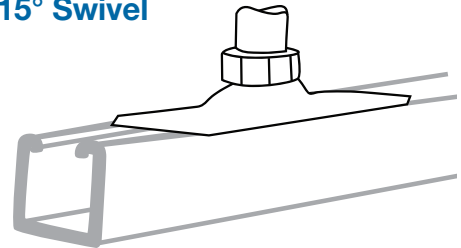
#### AB815 Swing Connector



Nuts and bolts to clamp to channel is included. For 1/2 in. or 3/4 in. conduit.

Wt./C 95 lb.

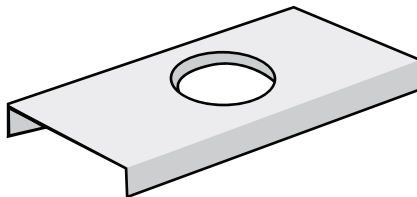
#### AB885 15° Swivel



Nuts and bolts to clamp to channel included. For 1/2 in. or 3/4 in. conduit.

Wt./C 25 lb.

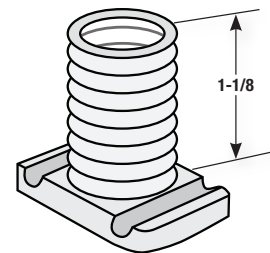
#### AB867 Spacer



For use with AB866 wiring stud nuts.

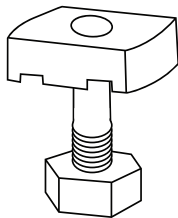
Wt./C 24 lb.

#### AB866 Wiring Stud Nut



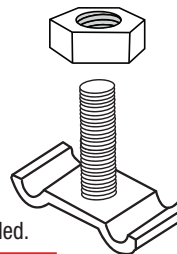
1/2 in. Pipe thread  
Wt./C 21 lb.

#### 811 Stud Nut



Cat. No.	For Channel	Wt./C lb.
811-1STR	1/4 x 1	8
811-2STR	1/4 x 1-1/4	9

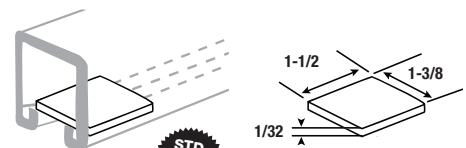
#### 812 Stud Nut



For attaching fixture to slot down channel or to slot up knockouts. Specify length. Hex nut included.

Cat. No.	For Channel	Wt./C lb.
812-1EG	1/4 x 1	6

#### AB868 Fiber Retainer for Cables Until Closure Strip is Installed



Wt./C 3 lb.

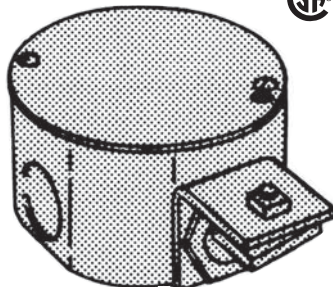




## Surface Raceway and Lighting Systems

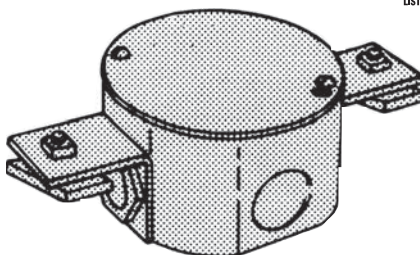
### Kindorf® Channel Boxes and Receptacles

**G2000**



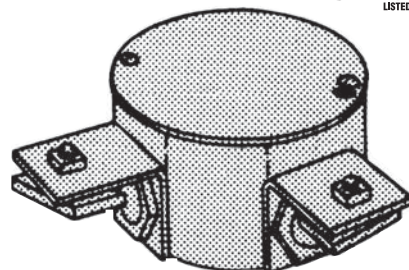
Finish - GoldGalv® Wt./C 110 lb.

**G2001**



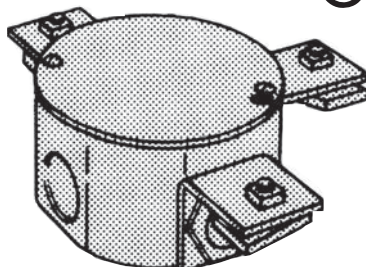
Finish - GoldGalv® Wt./C 120 lb.

**G2002**



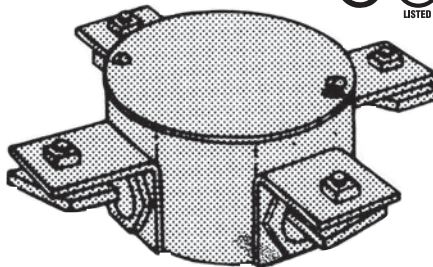
Finish - GoldGalv® Wt./C 120 lb.

**G2003**



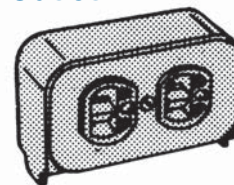
Finish - GoldGalv® Wt./C 130 lb.

**G2004**



Finish - GoldGalv® Wt./C 140 lb.

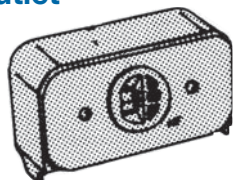
**G1038 Duplex Outlet**



Complete unit including housing, standard DUPLEX 3-wire, 15 Amp., 125 volt, ground receptacle and cover plate.

Finish - GoldGalv® Wt./C 55 lb.

**G1038A Single Outlet**



Complete unit including housing, standard SINGLE 3-wire, 15 Amp., 125 volt, ground receptacle and cover plate.

Finish - GoldGalv® Wt./C 50 lb.

**G1038D Raceway Outlet**



Complete unit including housing, duplex, 3-wire, 15 amp., 277 volt-twistlock receptacle and cover plate.

Finish - GoldGalv® Wt./C 60 lb.

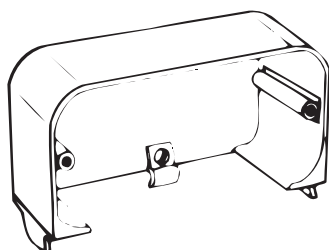
**G1038E Raceway Outlet**



Complete unit including housing, single, 3-wire, 15 amp., 277 volt-twistlock receptacle and cover plate.

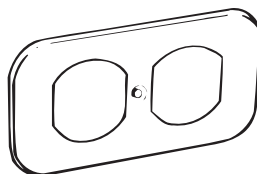
Finish - GoldGalv® Wt./C 50 lb.

**G1038B Housing Only**



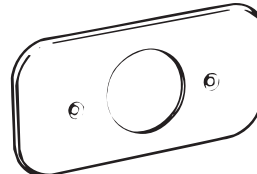
Finish - GoldGalv® Wt./C 25 lb.

**G1038C Duplex Cover Plate**



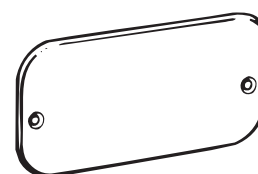
Finish - GoldGalv® Wt./C 12 lb.

**G1038CA Single Cover Plate**



Size of opening: 1.391 diameter  
Finish - GoldGalv® Wt./C 14 lb.

**G1038CX Blank Cover Plate**

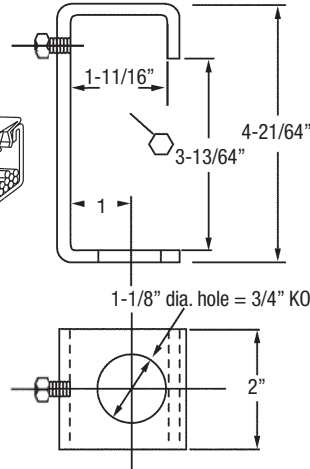
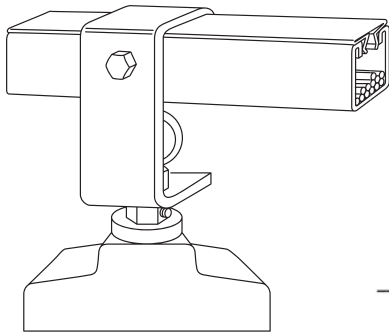


Finish - GoldGalv® Wt./C 15 lb.

## Surface Raceway and Lighting Systems

### Kindorf® Fixture Accessories

#### G1017 Mercury Vapor Hanger

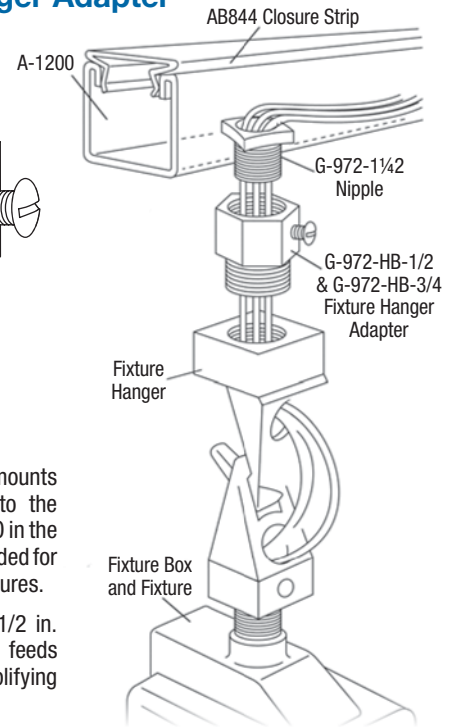
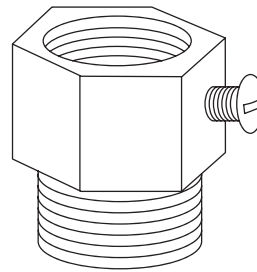


#### Finish - GoldGalv®

To support high or low bay mercury vapor or heavy incandescent fixtures from raceway channels. Permits plug-in connections with G-1038 raceway outlets

Used with Channel	Depth (in.)	Wt./C lb.
A-1200	4-1/4	76

#### G972HB1/2 Steel Fixture Hanger Adapter



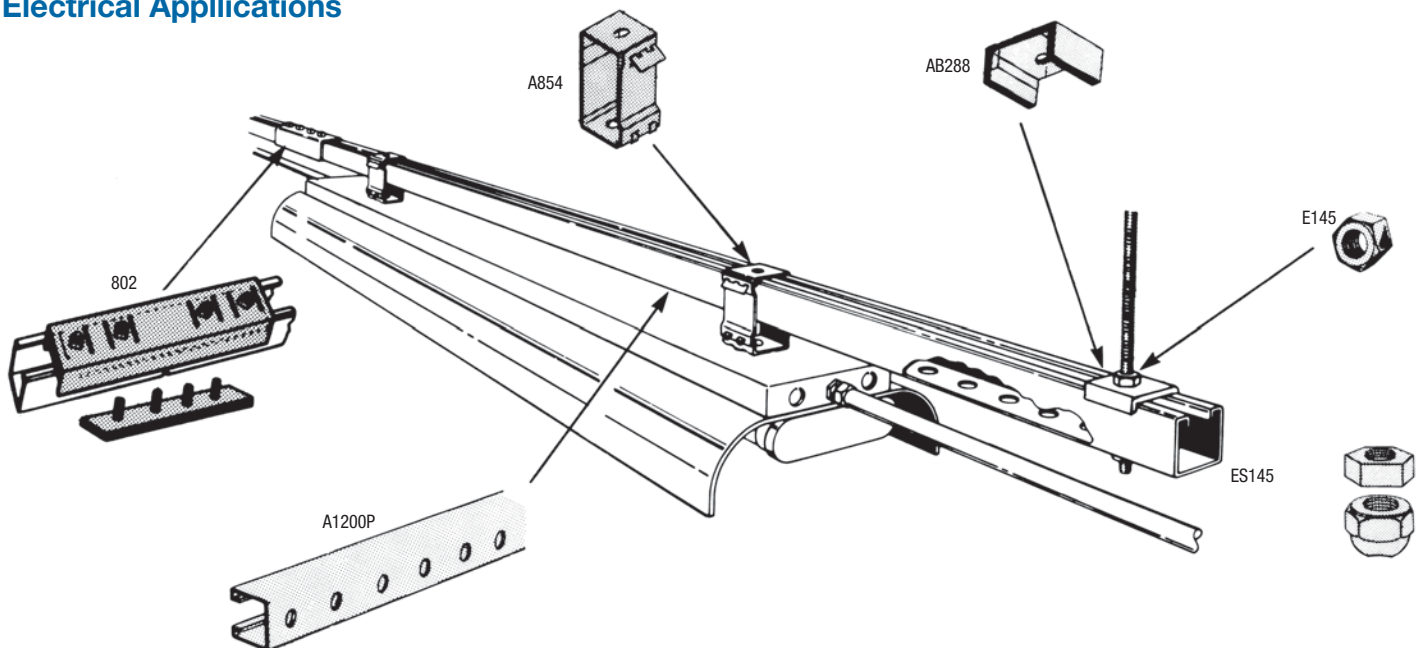
#### Finish - GoldGalv®

The hanger adapter securely mounts the fixture hanger or box to the channel through the 1/2 in. KO in the base. No special tools are needed for installation of fittings and fixtures.

Superstrut® channels, with 1/2 in. KO's every 6 in., hangs and feeds the fixtures thereby simplifying installation.

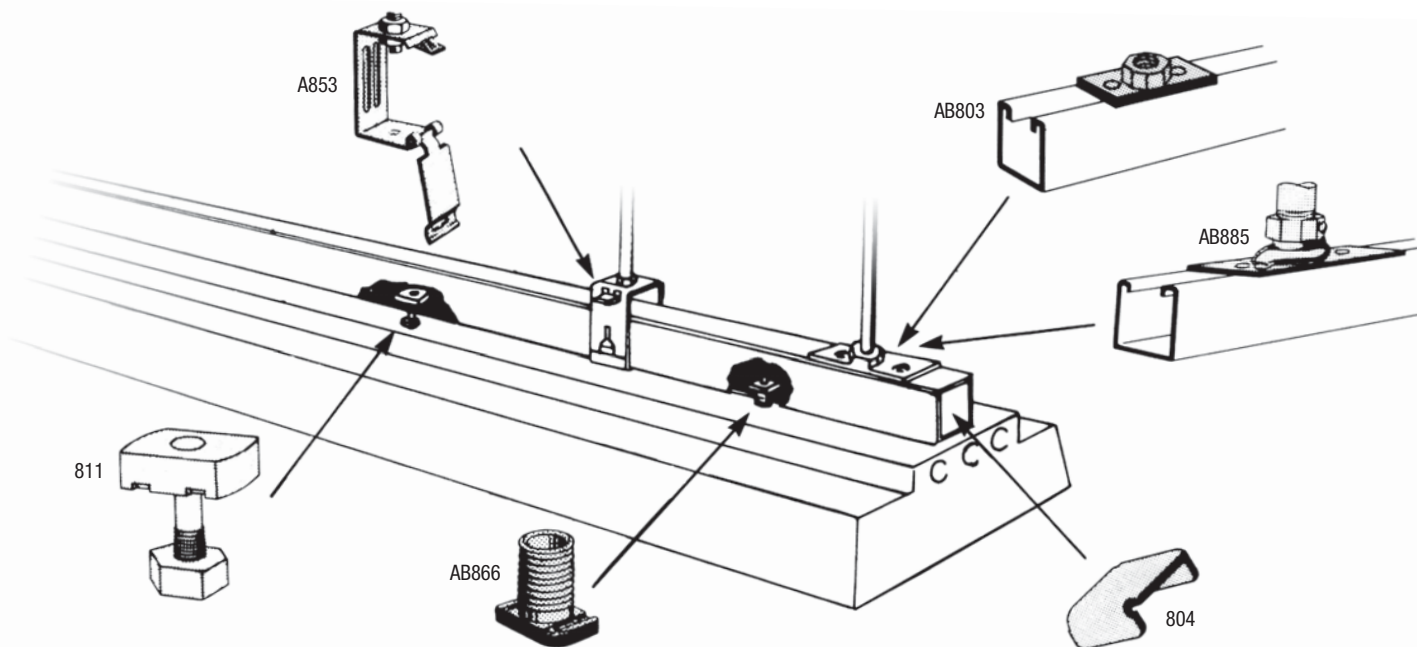
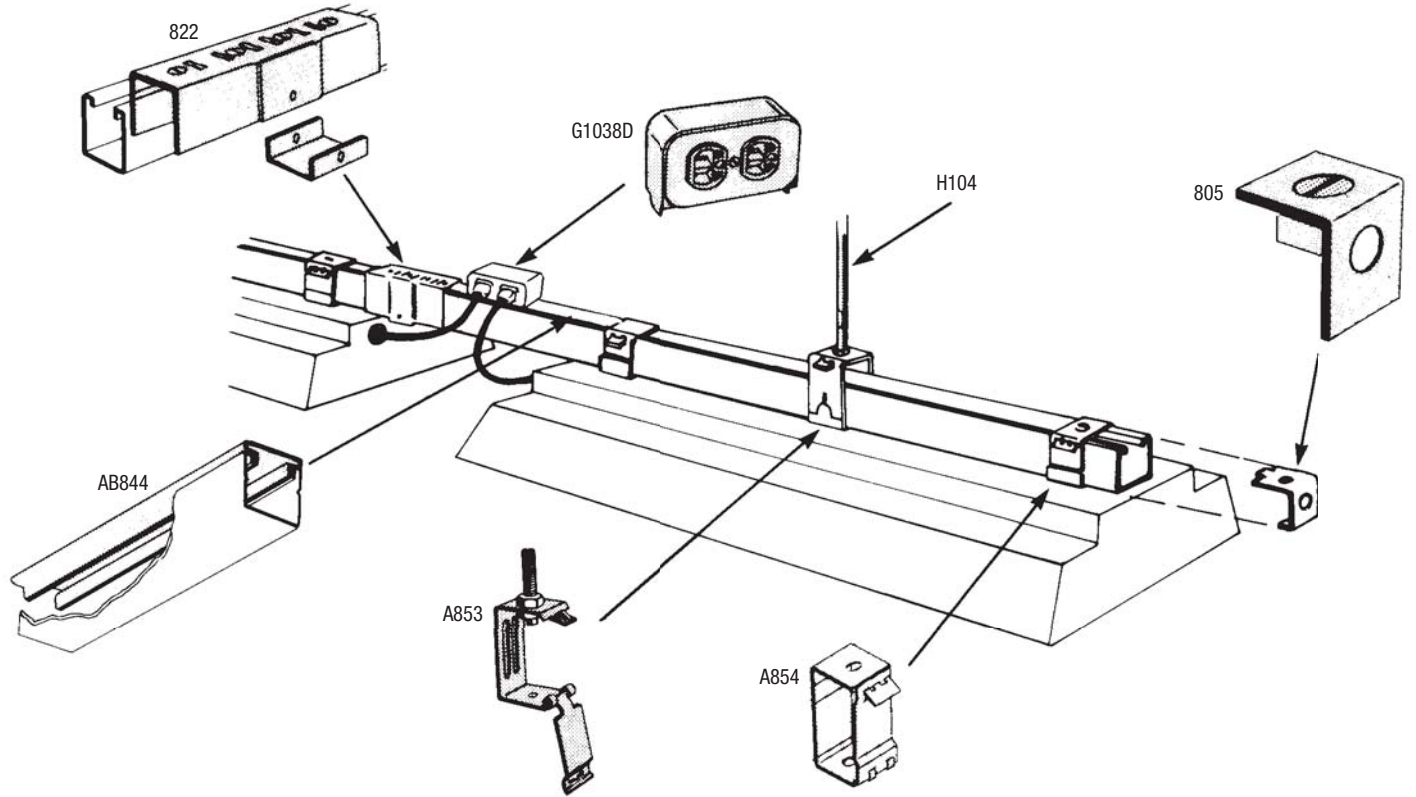
Wt./C 17 lb.

### Electrical Applications



## Surface Raceway and Lighting Systems

### Electrical Applications





## Surface Raceway and Lighting Systems

### Electrical Applications

