

GE
Lighting

LineFit Light

LED Lighting System

The *new*, fast, and simple retrofit
for cabinet signs



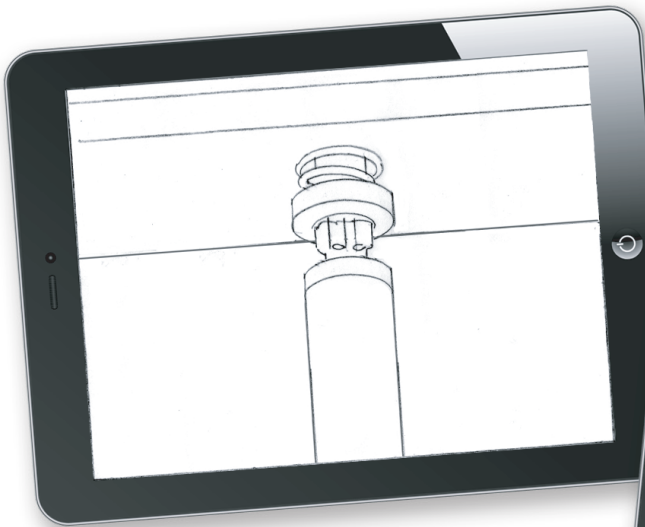
imagination at work

Rapid Retrofit

The new **LineFit** Light LED system is the incredibly quick and easy way to transform a fluorescent cabinet sign into an efficient LED solution. In four easy steps, taking just minutes per fixture, you get all the lighting performance, energy savings and reduced maintenance benefits of GE LED technology. Now, the old R17d fluorescent sockets hold the new **LineFit** Light LED in place with rotating end caps—to ensure the light is perfectly directed to both sides of the sign face. Since the GE Tetra® 24-volt Power Supply is rated a Class 2 device, there is no need to run the output (DC) wiring in any raceways or conduit, further reducing installation costs. You get all the LED advantages of bright signs, longer life, energy efficiency, lower maintenance and cold weather performance in one durable, money-saving system.

Quick & Easy

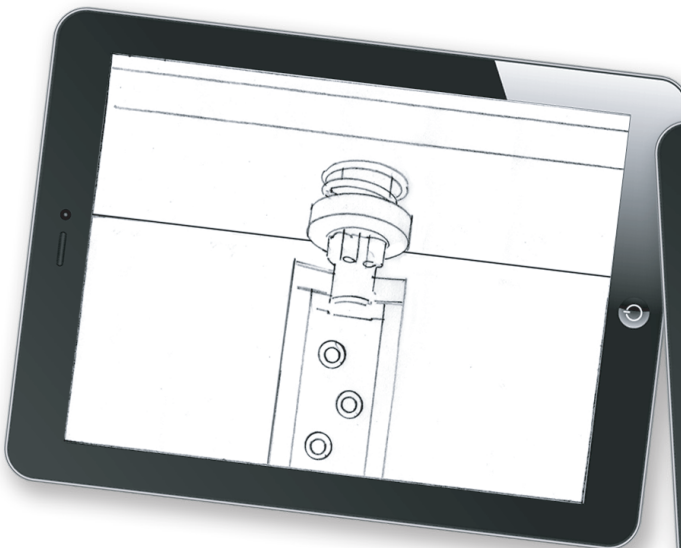
It's the easiest cabinet retrofit ever—just four simple steps. Imagine the labor savings potential on every sign.



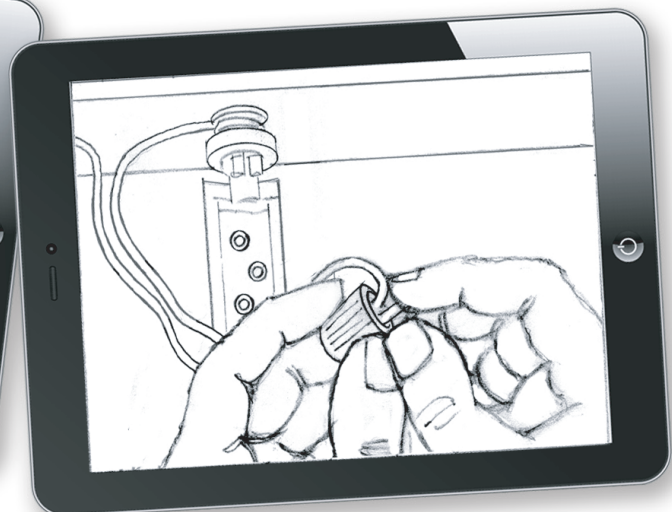
Step 1 Remove old ballast and lamps



Step 2 Install Tetra 24-volt power supply



Step 3 Use existing R17d sockets to hold new LED light bars



Step 4 Connect wires to LED bars and back to power supply

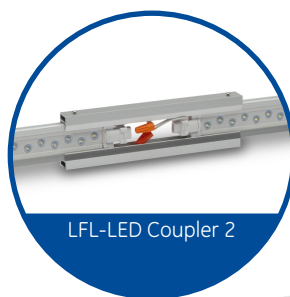
Eliminate shadowing from internal poles & brackets

The new **LineFit Light F12 system** solves the shadowing problem internal structural elements can cause. Now the poles, brackets and sag rods found in larger signs don't cause unattractive shadowing on the sign face. The **LineFit Light F12 modules** install quickly and easily (with GE mounting accessories) to create customized installation solutions that carefully aim light on the sign face—where it belongs. Tetra Rail (GEDSRL08), Tetra Angle Mounting Clip & Rod (GEDSARC1) and custom LineFit Light End Cap (GEDSREC1) provide the options you need to easily achieve outstanding, even illumination. **LineFit Light F12 modules** are available in 3 CCTs: Daylight, Sign White and Cool White.

GE EXCLUSIVE: no other supplier offers a similar solution.

Accessories

SKU	Description	Quantity
GEDSRL08	Tetra Mounting Rail	8 Rails (each rail = 96 inches (2438 mm)
GEDSARC1	Tetra Angle Mounting Clip and Extender Rod	20 Clips/ 10 Angle Rods
GEDSREC1	LineFit Light End Cap	8/ bag
32619	LFL-LED Coupler 2	6 Sets per Box (12 couplers)
93020091	LFL-LED Sockets	6 Sets per Box (12 sockets)



Technical Specifications

Specification Item	Description	Long Description	LFL HO Replacement	Color Temp (K)	Brightness Lumens/Lightbar	Quantity	Energy Consumption Watts (Lightbar)	Energy Consumption (System/Lightbar)	Viewing Angle single side view angle
93019966	GEF12DHOLED-1	GE 12" Daylight LED Lamp	F12 Daylight	6500K	735				
32499	GEF12SGNHOLED-1	GE 12" Sign White LED Lamp	F12 Sign White	5400K	735	32/Box	5.8	6.82	140
32552	GEF12CWHOLED-1	GE 12" Cool White LED Lamp	F12 Cool White	4100K	687				
93020092	GEF18DHOLED-1	GE 18" Daylight LED Lamp	F18 Daylight	6500K	893				
32500	GEF18SGNHOLED-1	GE 18" Sign White LED Lamp	F18 Sign White	5400K	893	6/Box	8.6	10.1	140
32553	GEF18CWHOLED-1	GE 18" Cool White LED Lamp	F18 Cool White	4100K	834				
93020093	GEF24DHOLED-1	GE 24" Daylight LED Lamp	F24 Daylight	6500K	1470				
32501	GEF24SGNHOLED-1	GE 24" Sign White LED Lamp	F24 Sign White	5400K	1470	6/Box	11.5	13.5	140
32554	GEF24CWHOLED-1	GE 24" Cool White LED Lamp	F24 Cool White	4100K	1374				
93020094	GEF30DHOLED-1	GE 30" Daylight LED Lamp	F30 Daylight	6500K	1786				
32502	GEF30SGNHOLED-1	GE 30" Sign White LED Lamp	F30 Sign White	5400K	1786	6/Box	14.4	16.9	140
32557	GEF30CWHOLED-1	GE 30" Cool White LED Lamp	F30 Cool White	4100K	1668				
93020095	GEF36DHOLED-1	GE 36" Daylight LED Lamp	F36 Daylight	6500K	2205				
32504	GEF36SGNHOLED-1	GE 36" Sign White LED Lamp	F36 Sign White	5400K	2205	6/Box	17.3	20.4	140
32560	GEF36CWHOLED-1	GE 36" Cool White LED Lamp	F36 Cool White	4100K	2061				
93020096	GEF42DHOLED-1	GE 42" Daylight LED Lamp	F42 Daylight	6500K	2521				
32505	GEF42SGNHOLED-1	GE 42" Sign White LED Lamp	F42 Sign White	5400K	2521	6/Box	20.2	23.8	140
32572	GEF42CWHOLED-1	GE 42" Cool White LED Lamp	F42 Cool White	4100K	2355				
93020097	GEF48DHOLED-1	GE 48" Daylight LED Lamp	F48 Daylight	6500K	2940				
32511	GEF48SGNHOLED-1	GE 48" Sign White LED Lamp	F48 Sign White	5400K	2940	6/Box	23.0	27.1	140
93019970	GEF48CWHOLED-1	GE 48" Cool White LED Lamp	F48 Cool White	4100K	2748				
93020098	GEF60DHOLED-1	GE 60" Daylight LED Lamp	F60 Daylight	6500K	3675				
32513	GEF60SGNHOLED-1	GE 60" Sign White LED Lamp	F60 Sign White	5400K	3675	6/Box	28.8	33.9	140
32574	GEF60CWHOLED-1	GE 60" Cool White LED Lamp	F60 Cool White	4100K	3435				
93020099	GEF64DHOLED-1	GE 64" Daylight LED Lamp	F64 Daylight	6500K	3833				
32515	GEF64SGNHOLED-1	GE 64" Sign White LED Lamp	F64 Sign White	5400K	3833	6/Box	31.7	37.3	140
32579	GEF64CWHOLED-1	GE 64" Cool White LED Lamp	F64 Cool White	4100K	3582				
93019967	GEF72DHOLED-1	GE 72" Daylight LED Lamp	F72 Daylight	6500K	4410				
32516	GEF72SGNHOLED-1	GE 72" Sign White LED Lamp	F72 Sign White	5400K	4410	6/Box	34.6	40.7	140
32587	GEF72CWHOLED-1	GE 72" Cool White LED Lamp	F72 Cool White	4100K	4122				
93019968	GEF84DHOLED-1	GE 84" Daylight LED Lamp	F84 Daylight	6500K	5145				
32517	GEF84SGNHOLED-1	GE 84" Sign White LED Lamp	F84 Sign White	5400K	5145	6/Box	40.3	47.4	140
32588	GEF84CWHOLED-1	GE 84" Cool White LED Lamp	F84 Cool White	4100K	4809				
93019969	GEF96DHOLED-1	GE 96" Daylight LED Lamp	F96 Daylight	6500K	5880				
94469	GEF96SGNHOLED-1	GE 96" Sign White LED Lamp	F96 Sign White	5400K	5880	6/Box	46.1	54.2	140
32518	GEF96CWHOLED-1	GE 96" Cool White LED Lamp	F96 Cool White	4100K	5496				

Technical Specifications

Specification Item	LineFit Light																														
Cutting Resolution	Cut on wire between every module																														
Power Supply	GEPS24-25U-NA Input: 100-305VAC; Output: 24VDC GEPS24D-80U Input: 90-305VAC; Output: 24VDC GEPS24-100U-NA Input: 108-305VAC; Output: 24VDC GEPS24-180U Input: 90-305VAC; Output: 24VDC GEPS24-300U-GL Input: 108-305VAC; Output: 24VDC																														
Maximum Supply Wire Limits	<table border="1"> <thead> <tr> <th></th> <th>18 AWG/0.82 mm² Supply Wire</th> <th>16 AWG/1.31 mm² Supply Wire</th> <th>14 AWG/2.08 mm² Supply Wire</th> <th>12 AWG/3.31 mm² Supply Wire</th> </tr> </thead> <tbody> <tr> <td>25W Power Supply</td> <td>120 ft./36.6 m</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>80W Power Supply</td> <td>20 ft./6.1 m</td> <td>25 ft./7.6 m</td> <td>35 ft./10.6 m</td> <td>40 ft./12.1 m</td> </tr> <tr> <td>100W Power Supply</td> <td>20 ft./6.1 m</td> <td>25 ft./7.6 m</td> <td>35 ft./10.6 m</td> <td>40 ft./12.1 m</td> </tr> <tr> <td>180W Power Supply</td> <td>20 ft./6.1 m</td> <td>25 ft./7.6 m</td> <td>35 ft./10.6 m</td> <td>40 ft./12.1 m</td> </tr> <tr> <td>300W Power Supply</td> <td>20 ft./6.1 m</td> <td>25 ft./7.6 m</td> <td>35 ft./10.6 m</td> <td>40 ft./12.1 m</td> </tr> </tbody> </table> <p><i>Wiring to be installed in accordance with Article 725 of the National Electric code (NEC).</i></p>		18 AWG/0.82 mm ² Supply Wire	16 AWG/1.31 mm ² Supply Wire	14 AWG/2.08 mm ² Supply Wire	12 AWG/3.31 mm ² Supply Wire	25W Power Supply	120 ft./36.6 m	-	-	-	80W Power Supply	20 ft./6.1 m	25 ft./7.6 m	35 ft./10.6 m	40 ft./12.1 m	100W Power Supply	20 ft./6.1 m	25 ft./7.6 m	35 ft./10.6 m	40 ft./12.1 m	180W Power Supply	20 ft./6.1 m	25 ft./7.6 m	35 ft./10.6 m	40 ft./12.1 m	300W Power Supply	20 ft./6.1 m	25 ft./7.6 m	35 ft./10.6 m	40 ft./12.1 m
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Operating Environment	-40 °C to +60 °C																														
Module Dimensions (h x l x w)mm	0.35 x 10.4 x 1.3 in (9 x 265 x 33mm)																														
Warranty	GE offers a limited system warranty of up to five (5) years																														
System Certifications	UL Recognized #E219167, UL Classified #E229508, WEEE, CE, C-tick, RoHS, IP66 rated: separate enclosure required, for Dry, or damp location rated																														



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