

Components

SKU	Description	EEC	Energy Consumption (kWh/1000h)	Package Quantity
GESS2471-2	Tetra PowerStrip 7100K	A++	2.772	48 Modules
GESS2450-2	Tetra PowerStrip 5000K	A++	2.772	48 Modules
GESS2441-2	Tetra PowerStrip 4100K	A++	2.772	48 Modules
GESS2432-2	Tetra PowerStrip 3200K	A++	2.772	48 Modules
GEDS71-2	Tetra PowerStrip DS 7100K	A++	5.544	32 Modules
GEDS50-2	Tetra PowerStrip DS 5000K	A++	5.544	32 Modules
GEDS41-2	Tetra PowerStrip DS 4100K	A++	5.544	32 Modules
GEDS32-2	Tetra PowerStrip DS 3200K	A++	5.544	32 Modules
GESS24H71-1	Tetra PowerStrip SS High Output 7100K	A++	3.19	48 Modules
GESS24H50-1	Tetra PowerStrip SS High Output 5000K	A++	3.19	48 Modules
GESS24H41-1	Tetra PowerStrip SS High Output 4100K	A++	3.19	48 Modules
GESS24H32-1	Tetra PowerStrip SS High Output 3200K	A++	3.19	48 Modules
GEDSH71-2	Tetra PowerStrip DS High Output 7100K	A++	6.38	32 Modules
GEDSH50-2	Tetra PowerStrip DS High Output 5000K	A++	6.38	32 Modules
GEDSH41-2	Tetra PowerStrip DS High Output 4100K	A++	6.38	32 Modules
GEDSH32-2	Tetra PowerStrip DS High Output 3200K	A++	6.38	32 Modules
6834775514	9409 18 AWG Supply Wire (0.82 mm ²)			500 ft/spool (152.4 m)
191600041	22-14 AWG Twist-On Wire Connectors (0.33 – 2.08 mm ²)			500/PK
192160004	18-14 AWG In-line Connectors (IDC) (0.82 – 2.08 mm ²)			500/PK
GETMEC1	18 AWG Wire End Caps (0.82 mm ²)			100/PK
GEDSRL08	Tetra Mounting Rail			8 Rails
GEDSLB1	Tetra Mounting Rail Assembly Bracket			20/PK
GEDSRC1	Tetra Mounting Clip			8/PK

Technical Specifications

Specification Item	CCT	Typical Brightness (lumens/module)	Voltage	LEDs/Module	Energy Consumption (Strip/Module)	Energy Consumption (System/Module)	Power Supply Loading	Viewing Angle
Tetra PowerStrip	7100K, 5000K 4100K, 3200K	300 300	24V	7	2.52	2.96	36 Modules / 100W PS	27x80
Tetra PowerStrip DS	7100K, 5000K 4100K, 3200K	600 600	24V	14	5.04	5.93	16 Modules / 100W PS	27x80
Tetra PowerStrip High Output	7100K, 5000K 4100K, 3200K	368 344	24V	14	2.90	3.41	30 Modules / 100W PS	140°
Tetra PowerStrip DS High Output	7100K, 5000K 4100K, 3200K	735 687	24V	28	5.80	6.82	16 Modules / 100W PS	140°

Specification Item	Tetra PowerStrip															
Cutting Resolution	Cut on wire between every module															
Power Supply	GEPS24-25U-EU Input: 90-264VAC; Output: 24VDC GEPS24D-80U Input: 90-305VAC; Output: 24VDC GEPS24-100-GL Input: 108-305VAC; Output: 24VDC GEPS24-180U Input: 90-305VAC; Output: 24VDC															
Maximum Supply Wire Limits	<table border="1"> <thead> <tr> <th>60W,80W, 100W,180W</th> <th>20W</th> <th>Supply Wire Gauge</th> </tr> </thead> <tbody> <tr> <td>20 ft. (6.1 m)</td> <td>120 ft. (36.6 m)</td> <td>18AWG/0.82mm² supply wire - 9409</td> </tr> <tr> <td>25 ft. (7.6 m)</td> <td></td> <td>16AWG/1.31mm² supply wire</td> </tr> <tr> <td>35 ft. (10.6 m)</td> <td></td> <td>14AWG/2.08mm² supply wire</td> </tr> <tr> <td>40 ft. (12.1 m)</td> <td></td> <td>12AWG/3.31mm² supply wire</td> </tr> </tbody> </table> <p>Wiring to be installed in accordance with Article 725 of the National Electric code (NEC).</p>	60W,80W, 100W,180W	20W	Supply Wire Gauge	20 ft. (6.1 m)	120 ft. (36.6 m)	18AWG/0.82mm ² supply wire - 9409	25 ft. (7.6 m)		16AWG/1.31mm ² supply wire	35 ft. (10.6 m)		14AWG/2.08mm ² supply wire	40 ft. (12.1 m)		12AWG/3.31mm ² supply wire
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Operating Environment	-40 °C to +60 °C															
Module Dimensions (h x l x w)	<table border="1"> <tbody> <tr> <td>Tetra PowerStrip (8.4 x 236 x 29mm)</td> <td>Tetra PowerStrip High Output (8.8 x 255 x 32.4mm)</td> </tr> <tr> <td>Tetra PowerStrip DS (8.6 x 233 x 33mm)</td> <td>Tetra PowerStrip DS High Output (8.8 x 255 x 32.4mm)</td> </tr> </tbody> </table>	Tetra PowerStrip (8.4 x 236 x 29mm)	Tetra PowerStrip High Output (8.8 x 255 x 32.4mm)	Tetra PowerStrip DS (8.6 x 233 x 33mm)	Tetra PowerStrip DS High Output (8.8 x 255 x 32.4mm)											
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Sign Dimensions	<table border="1"> <tbody> <tr> <td>For best results, recommended sign depth is 5 inches (127mm) or greater</td> <td>For best results, recommended sign depth is 10 inches (254mm) or greater</td> </tr> </tbody> </table>	For best results, recommended sign depth is 5 inches (127mm) or greater	For best results, recommended sign depth is 10 inches (254mm) or greater													
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Warranty	GE offers a limited system warranty of up to five (5) years															
System Certifications	UL Recognized #E219167, UL Classified #E229508, CE, RCM, RoHS.															

Tetra® PowerStrip

LED Lighting System

Lighting solutions for single and double-sided cabinet signs



Tetra® PowerStrip

Energy efficient solutions for cabinet signs

Tetra PowerStrip and **Tetra PowerStrip High Output** from GE Lighting are the innovative LED systems that replace fluorescent tubes in cabinet signs resulting in reduced energy costs, improved uniformity and lower maintenance expenses.

Tetra PowerStrip and **Tetra PowerStrip High Output** are now a 24 Volt LED system for both single sided and double sided cabinet signs.

Tetra® PowerStrip

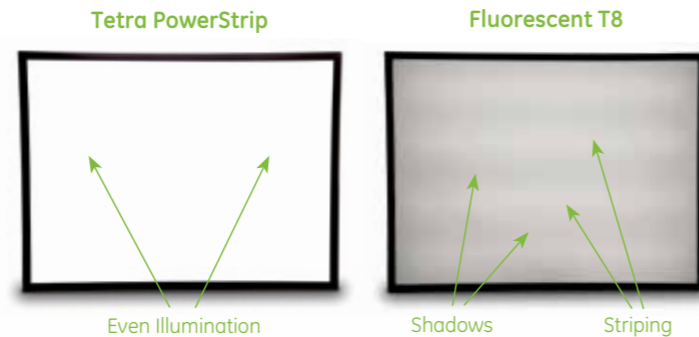
- Single and Double-sided LED system
- SS contains 7 LEDs, DS contains 14 LEDs
- 24 Volt System
- Pre-drilled holes and industrial grade mounting tape for easy install

Tetra® PowerStrip High Output

- Single and Double-sided LED system
- SS contains 14 LEDs, DS contains 28 LEDs
- 24 Volt System
- Rail can be custom cut to length

The OptiLens™ Difference

Tetra PowerStrip features **OptiLens™**, an innovative technology that maximizes LED performance. This patent-pending optical lens helps spread light exactly where it's needed most, resulting in bright, uniform light distribution across the entire sign face. Tetra PowerStrip with OptiLens provides over 20% greater surface area coverage than just LEDs alone. We have added **more LED's** to improve **uniformity**.



GE Reliability

Only GE Lighting Solutions has the depth of experience that comes from supplying over 6 million meters of Tetra LED lighting systems across the globe. Every Tetra product is backed with a reputation for reliability that is unsurpassed in the industry. We perform stringent testing of the entire system-utilizing GE Six Sigma standards-rather than just pass on supplier reported performance claims.

Patent-pending **OptiLens™** maximizes the area of light coverage by creating a wide, viewing angle

