

Specification Sheet: T8 SEP LED Tubes

Retrofitting Is Easy with Our Energy Efficient Led Tubes

Our lightweight, shatterproof, all-plastic T8 Single-End-Power (SEP) LED tubes can reduce your lighting energy use by as much as 60% compared to fluorescent lights and provide a superior quality of light.

Our direct-wire UL Type-B design installs easily to operate from 120VAC to 277VAC, requires no ballast and is backed with our industry-leading 70,000-hour rated lamp life and 10-year warranty.

See Order Logic table below for our BAA/TAA-compliant products. Contact your Revolution Lighting representative for pricing or more information.

APPLICATIONS

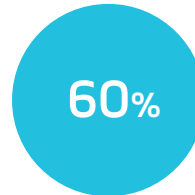
- Offices & Commercial Buildings
- Retail Settings
- Hotels
- Schools
- Hospitals
- Warehouses
- Assisted Living Facilities
- Parking Garages
- Recreation Centers
- Food Processing Centers

ILLUMINATION ANGLE



Revolution Lighting Light Distribution

CAN DECREASE ENERGY USAGE BY



vs. Similar Fluorescent Lamps

WARRANTY



Our Industry-Leading 10-Year Limited Warranty Guarantees Unsurpassed Quality

PRODUCT BENEFITS

OPERATIONAL

- Very high efficacies up to 162 lm/W
- 3X greater lamp life than fluorescent, supported by industry-leading 10-year warranty
- 70,000 hour lamp life and eliminated ballast reduce long-term maintenance costs
- Instant on, no warm-up time

SAFETY

- No glass
- Negligible light depreciation over time
- UL Type B tube lamps are tested to comply with UL 1598C and UL 1993
- UL-rated for dry & damp locations
- Suitable for use in totally enclosed luminaires

SUSTAINABILITY

- Lack of UV or IR minimizes concerns with fading or discoloration
- Mercury-free, allowing for non-hazardous disposal
- 100% recyclable



ORDER LOGIC (Ex. SEPG4-24-8-FP-30-USA or SEPG4-24-8-FP-30)

Product Description	Length (in.)	Wattage	Lens	CCT (K Temp)	BAA/TAA
SEPG4 = Single-End-Power Gen. 4	- 24 = 2 ft	- 8 = 8W	FP = Frosted Plastic	30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K	Blank = Standard (non-BAA/TAA) USA = BAA (Buy American Act) A = TAA (Trade Agreement Act)
	- 36 = 3 ft	- 12 = 12W			
	- 48 = 4 ft	- 10.5 = 10.5W			
	- 12 = 12W	- 15 = 15W			



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TECHNICAL DATA (Subject to change)

Catalog No.	Product SKU No.	BAA/TAA Option*	Rated Wattage	Lens	Base	Input Voltage (VAC)	Color Temp (K)	Rated Lumens	Rated Efficacy	CRI	Illumination Angle	Rated Life (Hours)	Operating Temp. (°F)	NSF Listed
2-foot 8W G4 Single-End-Power LED Tube														
SEPG4-24-8-FP-30	202000-411	Yes	8	Frosted	G13	120-277	3000	1,100	137.5	83	312	70,000	-4 to 122	•
SEPG4-24-8-FP-35	202000-412	Yes	8	Frosted	G13	120-277	3500	1,100	138	83	312	70,000	-4 to 122	•
SEPG4-24-8-FP-40	202000-413	Yes	8	Frosted	G13	120-277	4000	1,100	138	83	312	70,000	-4 to 122	•
SEPG4-24-8-FP-50	202000-415	Yes	8	Frosted	G13	120-277	5000	1,100	138	83	312	70,000	-4 to 122	•
3-foot 12W G4 Single-End-Power LED Tube														
SEP-36-12-FP-30	203000-411	Yes	12	Frosted	G13	120-277	3000	1,440	120	83	312	70,000	-4 to 122	•
SEP-36-12-FP-35	203000-412	Yes	12	Frosted	G13	120-277	3500	1,440	120	83	312	70,000	-4 to 122	•
SEP-36-12-FP-40	203000-413	Yes	12	Frosted	G13	120-277	4000	1,440	120	83	312	70,000	-4 to 122	•
SEP-36-12-FP-50	203000-415	Yes	12	Frosted	G13	120-277	5000	1,440	120	83	312	70,000	-4 to 122	•
4-foot 10.5W G4 Single-End-Power LED Tube														
SEPG4-48-10.5-FP-30	204001-431	Yes	10.5	Frosted	G13	120-277	3000	1,700	162	83	312	70,000	-4 to 122	•
SEPG4-48-10.5-FP-35	204001-432	Yes	10.5	Frosted	G13	120-277	3500	1,700	162	83	312	70,000	-4 to 122	•
SEPG4-48-10.5-FP-40	204001-433	Yes	10.5	Frosted	G13	120-277	4000	1,700	162	83	312	70,000	-4 to 122	•
SEPG4-48-10.5-FP-50	204001-435	Yes	10.5	Frosted	G13	120-277	5000	1,700	162	83	312	70,000	-4 to 122	•
4-foot 12W G4 Single-End-Power LED Tube														
SEPG4-48-12-FP-30	204001-411	Yes	12	Frosted	G13	120-277	3000	1,700	142	83	312	70,000	-4 to 122	•
SEPG4-48-12-FP-35	204001-412	Yes	12	Frosted	G13	120-277	3500	1,700	142	83	312	70,000	-4 to 122	•
SEPG4-48-12-FP-40	204001-413	Yes	12	Frosted	G13	120-277	4000	1,700	142	83	312	70,000	-4 to 122	•
SEPG4-48-12-FP-50	204001-415	Yes	12	Frosted	G13	120-277	5000	1,700	142	83	312	70,000	-4 to 122	•
4-foot 15W G4 Single-End-Power LED Tube														
SEPG4-48-15-FP-30	204002-411	Yes	15	Frosted	G13	120-277	3000	2,100	140	83	312	70,000	-4 to 122	•
SEPG4-48-15-FP-35	204002-412	Yes	15	Frosted	G13	120-277	3500	2,100	140	83	312	70,000	-4 to 122	•
SEPG4-48-15-FP-40	204002-413	Yes	15	Frosted	G13	120-277	4000	2,100	140	83	312	70,000	-4 to 122	•
SEPG4-48-15-FP-50	204002-415	Yes	15	Frosted	G13	120-277	5000	2,100	140	83	312	70,000	-4 to 122	•

Product is DLC listed.

*Note: When ordering BAA- or TAA-compliant tubes, include the extension '-USA' or '-A' after the SKU No., respectively, as shown in the Order Logic table.

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PHYSICAL DATA

Catalog No.	Product SKU No.	Product Dimensions (in.)	Product Weight (lb)
2-foot 8W G4 Single-End-Power LED Tube			
SEPG4-24-8-FP-30	202000-411	24L x 1 Dia.	0.24
SEPG4-24-8-FP-35	202000-412	24L x 1 Dia.	0.24
SEPG4-24-8-FP-40	202000-413	24L x 1 Dia.	0.24
SEPG4-24-8-FP-50	202000-415	24L x 1 Dia.	0.24
3-foot 12W G4 Single-End-Power LED Tube			
SEP-36-12-FP-30	203000-411	36L x 1 Dia.	0.33
SEP-36-12-FP-35	203000-412	36L x 1 Dia.	0.33
SEP-36-12-FP-40	203000-413	36L x 1 Dia.	0.33
SEP-36-12-FP-50	203000-415	36L x 1 Dia.	0.33
4-foot 10.5W G4 Single-End-Power LED Tube			
SEPG4-48-10.5-FP-30	204001-431	48L x 1 Dia.	0.30
SEPG4-48-10.5-FP-35	204001-432	48L x 1 Dia.	0.30
SEPG4-48-10.5-FP-40	204001-433	48L x 1 Dia.	0.30
SEPG4-48-10.5-FP-50	204001-435	48L x 1 Dia.	0.30
4-foot 12W G4 Single-End-Power LED Tube			
SEPG4-48-12-FP-30	204001-411	48L x 1 Dia.	0.44
SEPG4-48-12-FP-35	204001-412	48L x 1 Dia.	0.44
SEPG4-48-12-FP-40	204001-413	48L x 1 Dia.	0.44
SEPG4-48-12-FP-50	204001-415	48L x 1 Dia.	0.44
4-foot 15W G4 Single-End-Power LED Tube			
SEPG4-48-15-FP-30	204002-411	48L x 1 Dia.	0.44
SEPG4-48-15-FP-35	204002-412	48L x 1 Dia.	0.44
SEPG4-48-15-FP-40	204002-413	48L x 1 Dia.	0.44
SEPG4-48-15-FP-50	204002-415	48L x 1 Dia.	0.44