



PRODUCT DATASHEET

F T12 GROAQ RP 40 WS

SYLVANIA T12 Gro-Lux® Aquarium & Plant Lamps | Gro-Lux lamps with blue-red spectrum optimized for plant and aquarium health

Areas of application

- Aquariums
 - Plant growth
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Product features

- Available in 24" and 48" lamps
- Gro-Lux are 89 CRI & 3,440K. Wide spectrum (WS) options are 70 CRI & 7,000 CCT
- Average Rated Life for 24" lamps have 9,000 hours (3 hrs. per start)
- Average Rated Life for 48" lamps have 20,000 hours (3 hrs. per start) and 28,000 hours (12 hrs. per start)



TECHNICAL DATA

Additional product data

Base type	G12
Mercury content	4.4 mg
Ordering Abbreviation	F40GROAQWSRP
Abbrev. With Packaging Info.	F40GROAQWSRP 6/CS 1/SKU
SKU UPC	0046135246715
NAED	24671
General Description	40W, T12 rapid start fluorescent lamp, GRO-LUX Wide spectrum phosphor for plant growth, aquarium and meat case applications, 3400K color temperature, 89 CRI, retail pack

Electrical data

Nominal Wattage	40.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body

Photometrical data

Lumens	1200 lm
Efficacy	30
Color Temperature/CCT	3440 K
Color Rendering Index (CRI)	89
Light color	834
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body

Dimensions & Weight

Overall length	1219.20 mm
Diameter	1.59 in
Tube diameter	38 mm
Product weight	0.67 lb

Materials & Colors

Bulb shape	T12
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Lifespan

Service life	4000 h
Average Rated Life (hr)	20000

Logistical data

SKU Qty	1
Case Qty	6
Case Length (in)	48.110
Case Width (in)	4.770
Case Depth (in)	3.187
Case Cube (ft)	0.423
Case Weight (lbs)	4.352
SKU UPC	0046135246715
Pallet Qty	624

Safety advice

- 24" are Preheat lamps, starter required.
- The life ratings of fluorescent lamps are based on 3 hr. operating cycles under specified conditions and with ballast meeting ANSI specifications. If operating cycle is increased, there will be a corresponding increase in the average hours life.
- Minimum starting temperature is a function of the ballast; consult the ballast manufacturer
- The distance between any parts of the lamp and any conductive surface of the luminaire should not be less than 3 mm (applies to all high frequency ballasted systems).
- The lamp should not be in contact with any surface of the luminaire (applies to either high frequency or 60Hz ballasted systems).
- 40W Rapid Start Lamps may be used in starter operated fixtures designed for 40W Preheat Lamps.
- Life rating for preheat service is approximately 15,000 hours average.
- Contains Mercury – Dispose of according to Local, State or Federal laws

DOWNLOAD DATA

Spec Sheets and Product Documents		Document name
	Addon technical information	Troubleshooting Fluorescent Lighting Systems
	Product Family Spec Sheet	GRO-LUX® Aquarium and Aquarium Wide Spectrum

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.