

# High Pressure Sodium

GLL-1000-HDEL-HPS

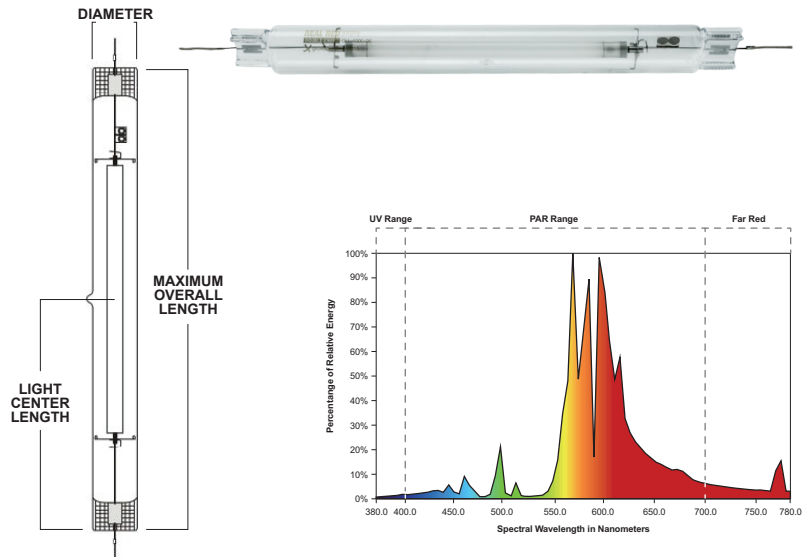
**ANSI Code: S52**

PERFORMANCE DATA		
Initial PPF (400-700nm)	2,000	μmol/s
Initial Total Luminous Flux (380-780nm) @ rated watts after 100 hrs operation	144,400	lm
Color Temperature	2,000	K
Color Rendering Index	35	
Operating Position	HORIZONTAL ± 15°	
Hot Re-strike time	3-5	min
Rated Average Life	20,000	h
Fixture Rating	Open/Enclosed	
Recommended replacement guide for indoor growers	18 mo	Based on 12 hrs per day

PHYSICAL DESCRIPTION		
Maximum Overall Length	394 (15.5)	mm (in)
Light Center Length	197 (7.75)	mm (in)
Bulb Diameter	32 (1.25)	mm (in)
Maximum Base Temperature	250°C (482°F)	°C (°F)
Maximum Bulb Temperature	700°C (1,292°F)	°C (°F)
BTU's Required for Cooling*	3,750	Per Lamp
Bulb Designation	T10	
Base Designation	K12x30s	

ELECTRICAL CHARACTERISTICS		
Nominal Lamp Wattage	1,000	W
Nominal Lamp Voltage	250	V
Nominal Lamp Current	4.0	A
Ballast Requirements ANSI	S52	
Socket Rating	≥ 5	KVA

\*Approximate



## WARNING

### RISK OF ELECTRIC SHOCK:

- Turn power off before inspection, installation or removal.
- Protect lamp from direct contact with liquids to avoid breakage from thermal shock.

### RISK OF FIRE:

- Keep combustible materials away from lamp during operation.

### UNEXPECTED LAMP RUPTURE MAY CAUSE INJURY, FIRE OR PROPERTY DAMAGE

- Do not exceed rated ballast voltage.
- Do not use lamp if outer glass is scratched or broken.
- Do not use beyond rated life.
- Do not turn on lamp until fully installed.
- Use only with fixture and ballast rated for this product.
- Electrically insulate any metal to glass support in fixture.

## CAUTION

### RISK OF BURN:

- Allow lamp to cool before handling.
- Contains sodium – Avoid skin contact with broken pieces.

### LAMP MAY SHATTER AND CAUSE INJURY IF BROKEN

- Do not use excessive force when installing lamp.
- Dispose of lamp in an enclosed container.
- Wear safety glasses and gloves when installing lamp.

### LAMP OPERATING INSTRUCTIONS

This is a discharge lamp and requires some time to restart and come up to full brightness after a power interruption. If power supply dips or is interrupted, lamps may extinguish and not restart.

Turn off power supply for 10-15 minutes and allow lamp to fully cool. Lamp will restart when power is restored.

**Note:** All information subject to change without notice.

**Hg** Lamp Contains Mercury.  
Manage in Accordance with Disposal Laws.

Visit [www.lamprecycle.org](http://www.lamprecycle.org) or call Growlite to recycle your lamps 888-233-3948