growlite
BY BARRON LIGHTING GROUP

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

Ceramic Metal Halide

GLL-315-CSI-T15

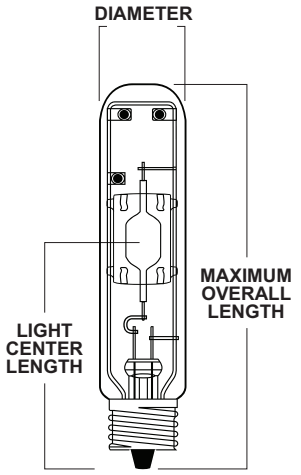
ANSI Code: C182/O

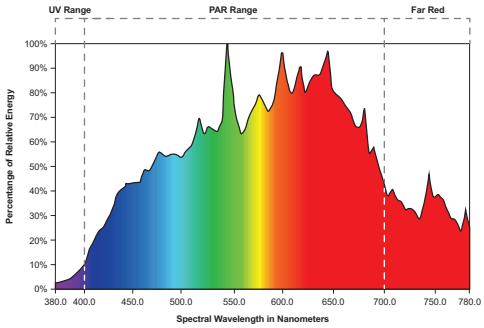
PERFORMANCE DATA		
Initial PPF (400-700nm)	500	µmol/s
Initial Total Luminus Flux (380-780nm) @ rated watts after 100 hrs operation	34,000	lm
Color Temperature	4,000	K
Color Rendering Index	95	
Operating Position	UNIVERSAL	
Hot Re-strike time	5	min
Rated Average Life	20,000	h
Fixture Rating	Open/Enclosed	
Recommended replacement guide for indoor growers	12 mo	Based on 12 hrs per day

PHYSICAL DESCRIPTION		
Maximum Overall Length	211 (8.3)	mm (in)
Light Center Length	127 ± 3 (5.0 ± 0.1)	mm (in)
Bulb Diameter	46 (1.8)	mm (in)
Maximum Base Temperature	250°C (482°F)	°C (°F)
Maximum Bulb Temperature	400°C (752°F)	°C (°F)
BTU's Required for Cooling*	1,200	Per Lamp
Bulb Designation	T15	
Base Designation	EX39 (MOGUL)	

ELECTRICAL CHARACTERISTICS		
Nominal Lamp Wattage	315	W
Nominal Lamp Voltage	100	V
Nominal Lamp Current	3.15	A
Ballast Requirements ANSI	C182/O	
Socket Rating	≥ 5	KVA

*Approximate





SAFETY AND HANDLING

***High Pressure Sodium lamps emit ultraviolet radiation which is harmful to eyes and skin! *High Pressure Sodium lamps should only be used in enclosed fixtures with ultraviolet absorbing filter glass. Failure to do so may cause serious skin and eye inflammation. Do not use these lamps in fixtures where any unfiltered light is emitted from the fixture. Do not operate these lamps if the ultraviolet absorbing filter glass is broken or not installed. *High Pressure Sodium lamps should only be operated in an enclosed fixture that safely contains all lamp parts in the event of a lamp burst of rupture. These lamps operate at high internal pressure and temperatures. A lamp burst may occur causing physical injury and property damage. *Lamps should never be operated beyond their rated useful life. The risk of a lamp burst increases with lamp age, temperature, improper operation, and improper handling. *Never bump, drop, apply excessive stress, or scratch the lamp. This could cause the lamp to burst! Do not operate any lamps with any traces of scratches, cracks, or physical damage. *Never operate a lamp above or below its rated current or voltage. This may cause the lamp to leak or burst. *Always turn off the electrical power before inserting, removing or cleaning the lamp. *Electrical connections should be clean and in good condition. Replace lamp holder and sockets when needed. Affix the lamp securely in the socket. Improper installation will cause electrical arcing, overheating, and short life to the lamp and socket. *Never touch the lamp when it is on, or soon after is has been turned off, as it is hot and may cause burns. Lamps should be allowed to cool for a minimum of ten (10) minutes after the lamp is turned off. *Do not use lamp in close proximity of paper, cloth or other combustible material that can cause a fire hazard. *Do not look directly at the operating lamp for any period of time. This may cause eye injury. *High Pressure Sodium lamps require several minutes of warm-up time to come to full brightness and color.*Recommended shut down, 15 minutes per week.**

R WARNING

This lamp can cause skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain types of lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available.

Hg LAMP CONTAINS MERCURY
Manage in Accordance with Disposal Laws.

Specifications are subject to change without notice.
Installation must be performed in accordance with
Barron Lighting Group installation instructions.

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