

Auxiliary Lighting for Recessed HID Luminaires and Cylinders (A)

H.I.D. lamps require a "warm-up" period of 5 to 10 minutes to reach full output. Additionally, when these lamps are extinguished they must cool for 5 to 15 minutes before they will relight. Outage can be caused by momentary power failure, substantial voltage reduction or cycle changes.

To provide a minimum level of illumination, a double-contact bayonet socket and solid-state switching device, (for use with a 120V tungsten-halogen lamp) operate during initial H.I.D. lamp warm-up, or cold-off-and-restart period.

The tungsten-halogen lamp remains on until the HID lamp reaches approximately 60% of its light output.

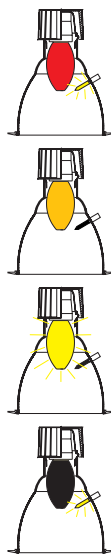
Note: The auxiliary is not emergency lighting and will only operate when there is power to the luminaire. The AUX system is available for magnetic ballast either 120V or 277V branch circuits with a ballast tap supplying 120V to the tungsten-halogen lamp. 120V electronic ballast can be operated with 120V branch circuit. For 277V, electronic, consult factory.

To specify: add suffix "A" to Catalog Number for Recessed H.I.D. Fixture. See fixture specification sheets for compatibility.

Emergency Lighting for Recessed HID Luminaires (E)

A tungsten-halogen lampholder, (without the switching device) prewired with #18AWG SF2 leads in a 5/16" x 26" long flexible greenfield cable, is provided with the luminaire for attachment to an AC 60 cycle power supply. Power supply by others.

To specify: add suffix "E" to Catalog Number for Recessed H.I.D. Fixture. See fixture specification sheets for compatibility.



Mode of Operation

Initial Start:

H.I.D. lamp and tungsten halogen lamp both energized. H.I.D. lamp starts warming up; tungsten-halogen lamp at full output.

Partial Warm-Up:

H.I.D. lamp reaches approximately 60% light output; tungsten-halogen lamp switched off.

Full Warm-Up:

H.I.D. lamps at 100% light output.

"Hot" Restart:

H.I.D. lamp and tungsten-halogen lamp both energized. H.I.D. lamp too hot to start; tungsten-halogen lamp at full output. After H.I.D. lamp cools down and starts, cycle begins as in "Initial Start" above.

Maximum Tungsten-Halogen Lamp Wattage

HID Lamp	Tungsten-Halogen Lamp T-4, 120V Double-Contact Bayonet
39W-70W T6	75W
150W T6	75W*
39W-150W ED17, PAR	100W
175W	150W
250W-400W	150W

*Applicable for any reflector trim with "CL" finish.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

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