

WHELEN[®]

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Installation Guide:
Model 70980()-series
Model 7098000
P/N:01-0770980-00
01-0770980-01

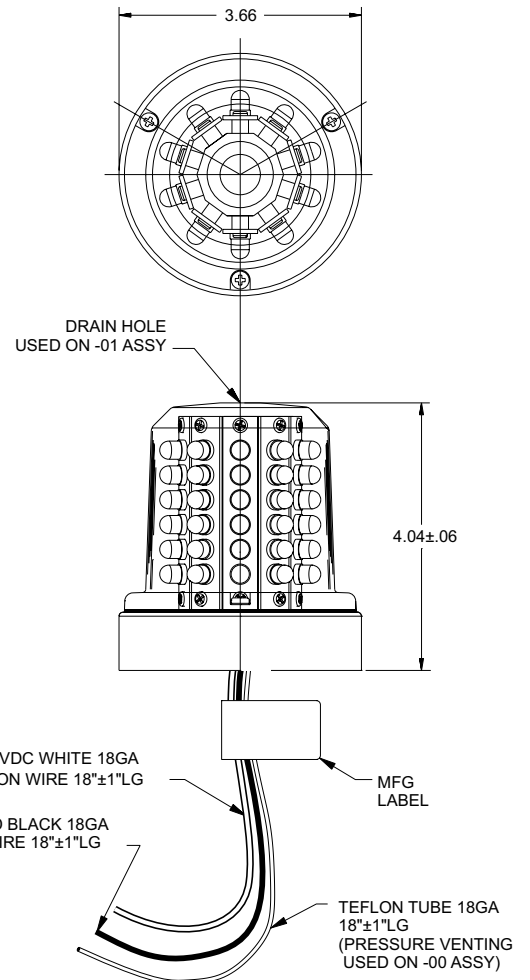
Infra-Red LED Flashing Light Assembly

OPERATING INSTRUCTIONS:

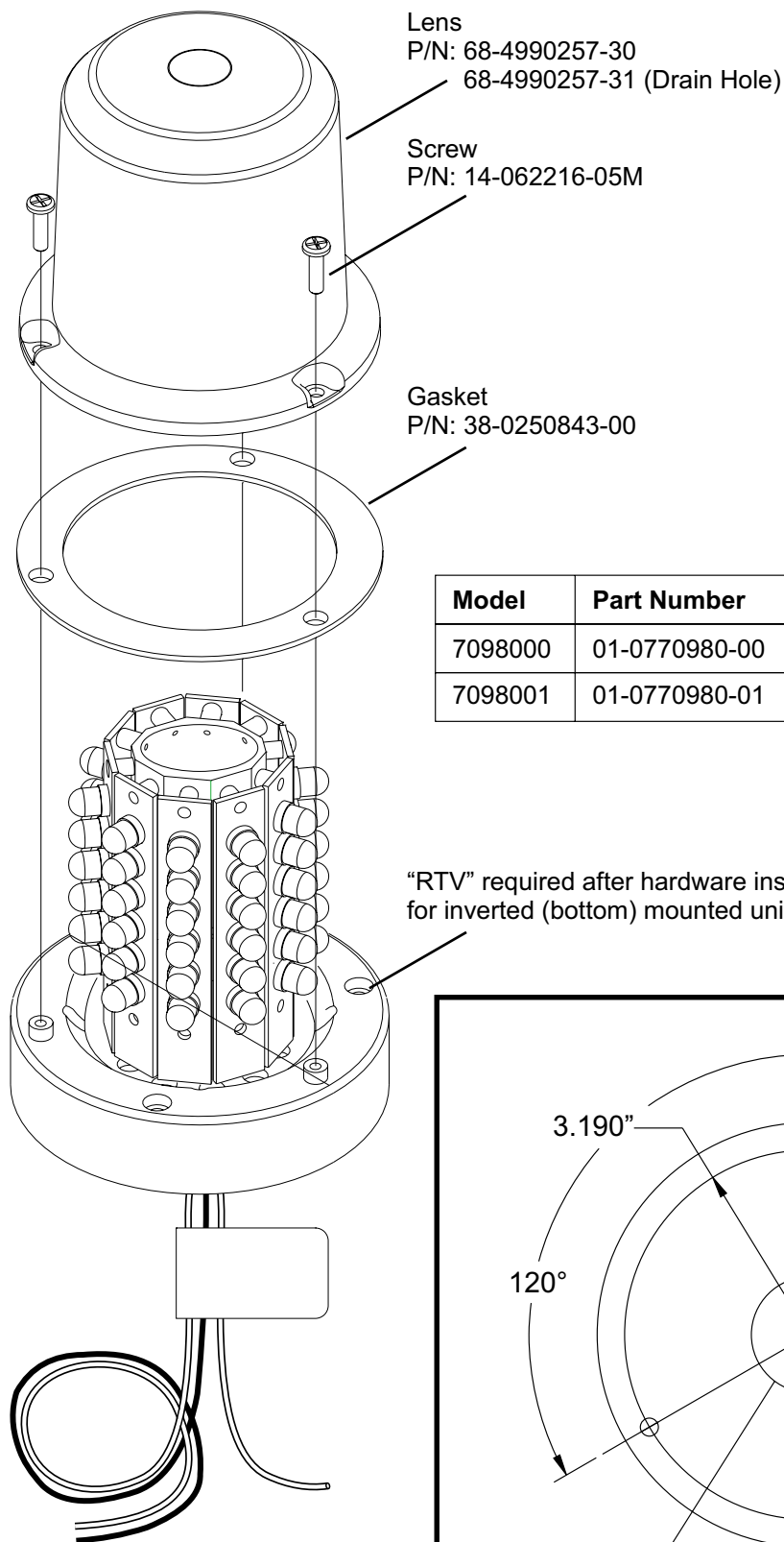
Operational Voltage: 28 VDC (Nominal)
Average Input Current: 0.1 Amps
Peak Input Current: 0.63 Amps @ .25 Seconds

INSTALLATION PROCEDURES: The following information is to assist in the installation of a Whelen IR LED Light System.

1. The installation procedure described in the following text will be confined to a single light installation, but is identical for multiple light installations.
2. Using the "suggested mounting hole pattern" prepare the aircraft for means to secure the IR LED Flashing Light assembly.
3. 28 VDC (+) and (-) ground leads equipped with an appropriate sized breaker to be supplied to the IR LED Flashing Light Assembly System. Both leads must be connected by an approved FAA connection. Insure that the wire leads and the pressure venting tube are all clear of any obstructions and ty-wrap as required. The pressure venting tube may be trimmed to minimum length of 1" from base.
4. Install the light assembly by first removing the lens. Insert the appropriate hardware through the counter-bored holes, secure the assembly and re-install the lens screws with 5-7 in./lbs. torque.
5. Check all avionics systems for interference from this installation.
6. A flight check should be performed by a properly certified pilot.
7. All inverted (bottom) mounted units shall require waterproofing of the mounting hardware. An application of single-part silicone (RTV) or equivalent applied over top of the mounting hardware, after installation, is recommended. Reference page 2 for an illustration. Inverted and/or standard mounted units, when necessary, may require waterproofing around any open area where water could get in. Specifically, the lens to the flasher base assembly, and the flasher base assembly to the aircraft.
8. Update aircraft records, complete Form 337 and obtain FAA field approval for installation.



Aviation



Model	Part Number	Description
7098000	01-0770980-00	Top Mount
7098001	01-0770980-01	Bottom Mount

