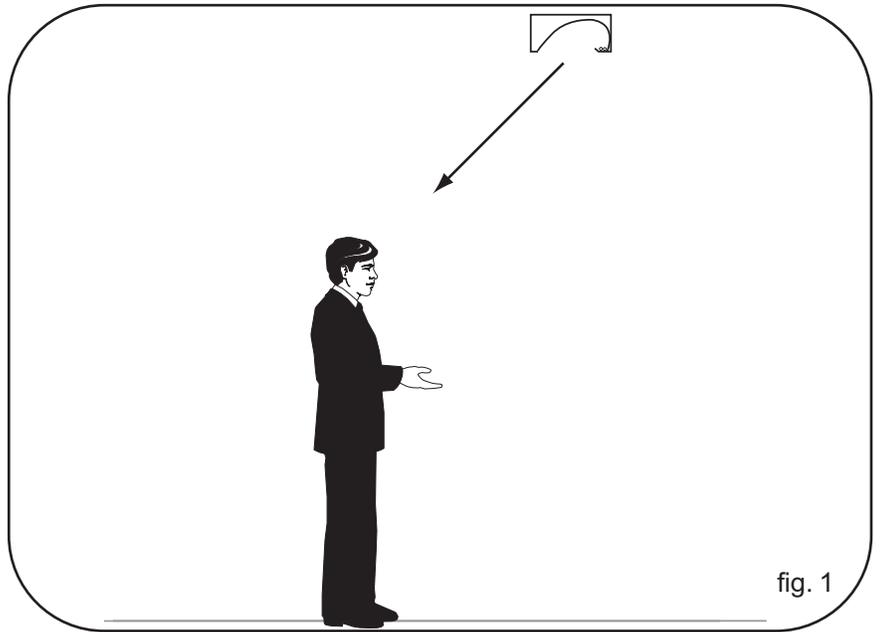


INSTRUCTION MANUAL

Model: MJ155
Lamps: 1 FT55DL Lamp
Ballast: Electronic, high frequency, SS
Reflector: 95% total reflectance
Voltage: 120, 230, 277 50-60 Hz
Manufacturer:
PrimeTime Lighting Systems, Inc.
2122 Country Club Dr. Suite 240
Carrollton, TX 75006
(214)393-5998 (voice)
(214)393-5999 (fax)
e-mail: info@primetimelighting.com
Web page: PrimeTimeLighting.com



GENERAL INFORMATION

Thank you for your selection of one of the most effective video-conference light sources available. This high performance luminaire should provide many years of low cost operation. The MJ155 is designed to maximize "throw" or "punch" by collimating the light while remaining "cool" and minimizing shadows. Unwanted spill is controlled by the asymmetric reflector design which delivers most of the light to one side at 45 degrees from vertical. The MJ255 is designed as a 2x2 lay-in grid or surface mounted luminaire. All Primetime STUDIO and V.C. Lights are equipped with advanced reflector technology.

The MJ155 is available in standard full power (non-dimming), voltage dimming, analog signal dimming (0-10 volts) and full DMX-512 discrete dimming (1 luminaire per channel). This degree of availability provides for compatibility with most current control scenarios.

The MJ155 is made of welded steel and powder coated in non-reflective black or gloss white. Standard luminaires are equipped with entry panel with two 1/2" conduit knock-outs for hard wiring. Available, 120 volt cord is equipped with Edison 3 prong connectors. Other voltage models are shipped without plug unless specified. Shielded cable whips are available.

The MJ155 can be surface mounted, bracket mounted, grid mounted chain or cable mounted.

Lamps available in tungsten to daylight colors and CRI from 82-98.

For instructions on dimming models see dimming addendum.

MJ155 INSTALLATION AND MAINTENANCE

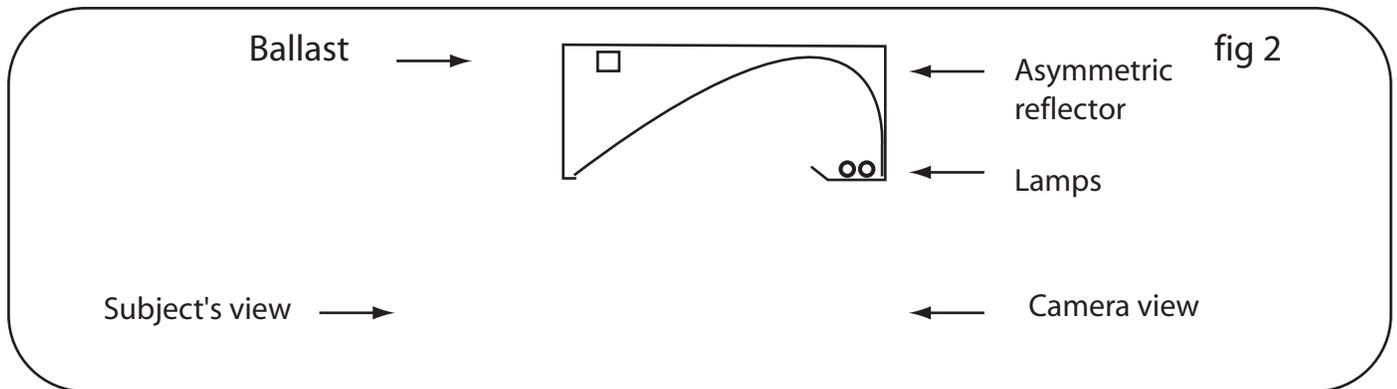


Figure 2 is a cross section view showing the asymmetric reflector. Please note that the lamps are always on the side away from the video-conference participant. The reflector is designed to throw the light to the side at a 45 degree angle. The directional beam is softened by the highly reflective matte surface. Avoid fingerprints on the reflector.

Installation as a lay-in troffer in a 2x2 grid. Is preferred. Installation should be by a qualified electrician and hard wired according to national and local codes. There is a power entry plate offering two 1/2" conduit knock outs. See fig.3 and 4.

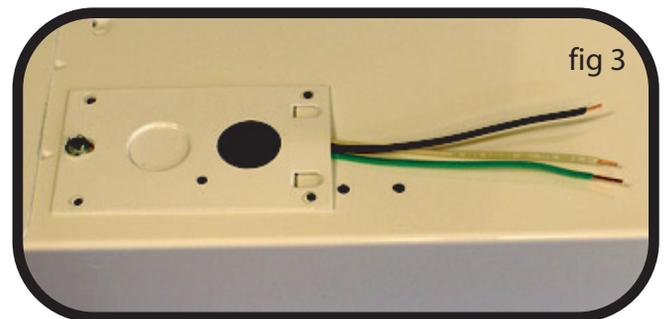
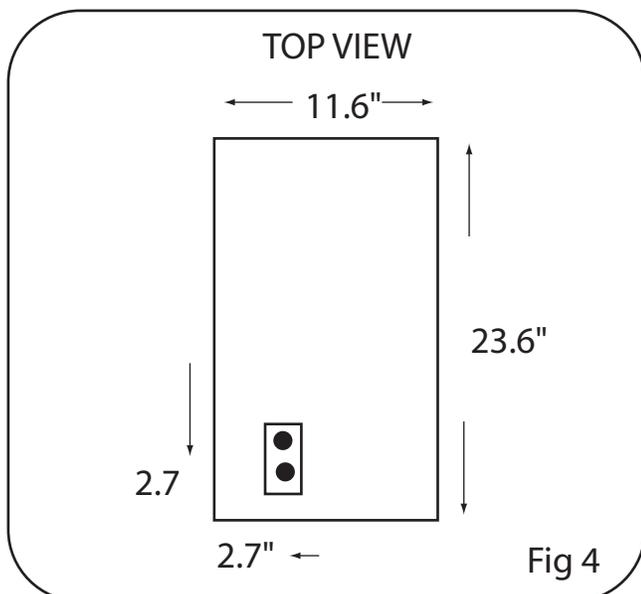


Figure 4 shows the positions of the conduit knock-outs. This luminaire is sized to fit a lay-in grid or be surface mounted.

When installing to a ceiling grid, make certain there are sufficient grid hangers to accommodate the additional weight. Installation should be by journeyman electricians. If installation is in a 2x2 or 2x4 ceiling grid, The third side of the luminaire will require a T-bar trim kit to finish the installation and secure the troffer.



LAMP INSTALLATION:

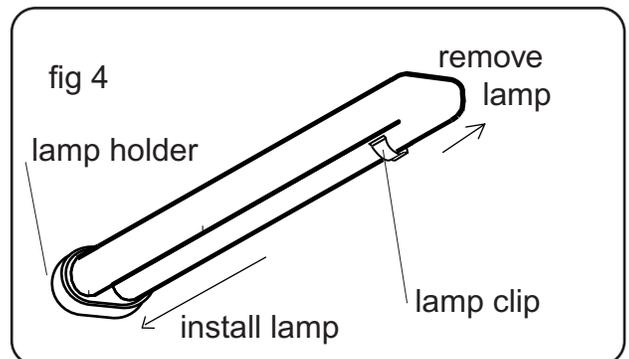
After the luminaires are securely installed the lamps are installed. CAUTION: make certain that there is no power to the ballasts when removing or installing lamps. The lamps are shipped separately. Check the base of each lamp to insure that you have the correct lamp color and CRI. See Table 1 for available lamps.

LAMP COLOR	KELVIN	CRI	LUMENS	PLS PART#
TUNGSTEN	3,000	82	4,800	FT55DL/830
TUNGSTEN	3,000	98	3,000	FT55DL/930
TUNGSTEN	3,200	85	4,000	FT55DL/832
OFFICE	3,500	82	4,800	FT55DL/835
OFFICE	4,100	82	4,800	FT55DL/841
DAYLIGHT	5,400	98	3,000	FT55DL/950
DAYLIGHT	5,600	85	4,000	FT55DL/856

After determining that the lamps are correct, install the lamps by gently inserting one side of the lamp into the lamp clip. Then slide the base of the lamp into the socket while aligning the four pins with the holes. A "snap" is felt when fully plugged in. See fig 5. Caution: never remove or install lamps with active power to sockets as arcing can occur. When changing lamps allow a few minutes for cooling. Caution should be taken whether installing or removing as glass shards could occur.

When the lamps are installed and power is applied The lamps should start. Full intensity and correct color will be attained in about 5 to 10 minutes. Use only 55 watt, studio grade, twin tube lamps. Improper lamp installation will produce poor color and will shorten ballast life.

For assistance call (214)393-5998, fax (214)393-5999



TROUBLE SHOOTING

If the luminaire will not strike, first determine if power is available. If the luminaire still does not strike, the lamps may not be seated fully into the socket. Never try to replace lamp with the fixture power on.

This light is rated to start at 50 degrees F or below. High temperatures affect lamp colors and cause shortened ballast life. If the light flashes but won't stay on, there may be a loose wire or bad electronic ballast. Consult factory if the luminaire is non-responsive. (214)393-5998

REFLECTIVE SURFACE CARE AND MAINTENANCE

The mirrored surface of this lighting product has the highest reflectance of any commercially available material. With proper care it should perform well for many years.

Fingerprints show up clearly and should be avoided. Dust adhering to the reflective surface shows, as well. In the event that soiling should occur, the reflector can be cleaned with little effort. It is best to start with a feather duster.

The clear coating of the reflective surface is chemically resistant and relatively tough but can be scratched by rubbing dusty grit causing marks. The effect is mostly cosmetic but should be avoided, especially for open fixtures. The best cleaners are those which leave no residue. Glass cleaners work well, as do very dilute solutions of hand dish wash detergents (1 drop/quart). Solvents stronger than iso-propyl alcohol should never be used.

Never use paper towels or tissues as these materials are made from wood and will cause scratches. Only soft cotton cloths should be used to wipe the surface. Use single strokes along the long axis of the reflector. Never use an orbital motion. The idea is that linear scratches don't show as much. Most scratches are caused by dust and dirt being rubbed into the surface. Before wetting the mirror surface, remove as much dust as possible using a feather duster or compressed air. Cloth diapers or soft, (well used) terry cloth works best. Never use spray cleaners like Formula 409, as these compounds leave residue. Spray on glass and mirror cleaners work best. If you have any questions call (214)393-5998.

CAUTION: ALWAYS DISCONNECT POWER BEFORE CLEANING THE LUMINAIRE



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