

**BULLETIN**

**No. 51**



# FOOTLIGHTS

*fitted with*

**ALZAK**  
**REFLECTORS**

**More Efficient, More Practical,  
More Economical**

## Disappearing Footlights

**T**HE problem of footlights for stages that are used a part of the time for lectures, gymnasium exhibits, and concerts, is most practically answered by the Major line of Disappearing Footlights. Made in four types, there is one which will suit particularly each stage requirement, and a word here will help clarify the selection.

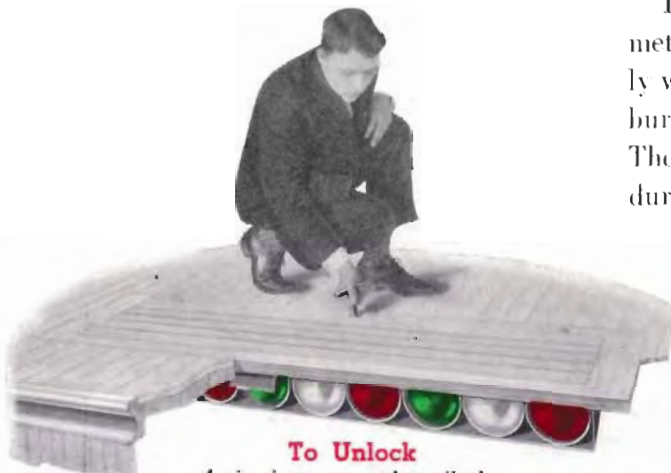
The tremendous popularity of Major Disappearing Footlights all over the country attests to their efficiency, practicability, and adaptability for all small stages. Built in five-foot sections, each complete and wired ready for connecting, this Major Unit is a wonderfully useful footlight for Schools, Colleges, Masonic and other fraternal auditoriums, and all manner of installations where the stage is used, part of the time for theatricals and part of the time as

a lecture platform. The appreciation of the low cost of installing these footlight sections is part of their unmatched quality and design.

For general purposes we advocate the Type D-156, as it has been found to apply to most conditions. The other types in the mit reflector group are sometimes selected for specific reasons, one having a smaller group of single row lights and the other two row facilities. The bare lamp type is created to meet a demand for small installations, and requires the dipping of lamps or natural colored lamps to obtain color effects.

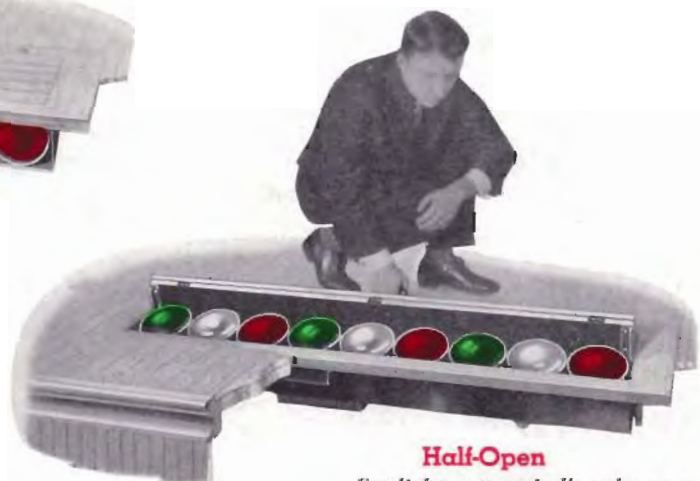
On this and succeeding pages the new Major advantages are described. To the experienced, there is reason for enthusiasm, for, certainly, no more simple and "fool-proof" device has ever been designed for this purpose. Easy to specify, easy to install and easy to use.

These Major Footlights have a new, unique method of retaining the advantage of permanently wired connections without the danger of lights burning after the footlight has been put away. The current is automatically cut off by a positive, durable disconnect.



**To Unlock**  
A simple turn on three flush latches releases the footlight.

The lights are automatically turned on, so that the footlights are ready for operation when open. Of course, the various circuits are controlled for the performance from the stage switchboard in the usual manner.



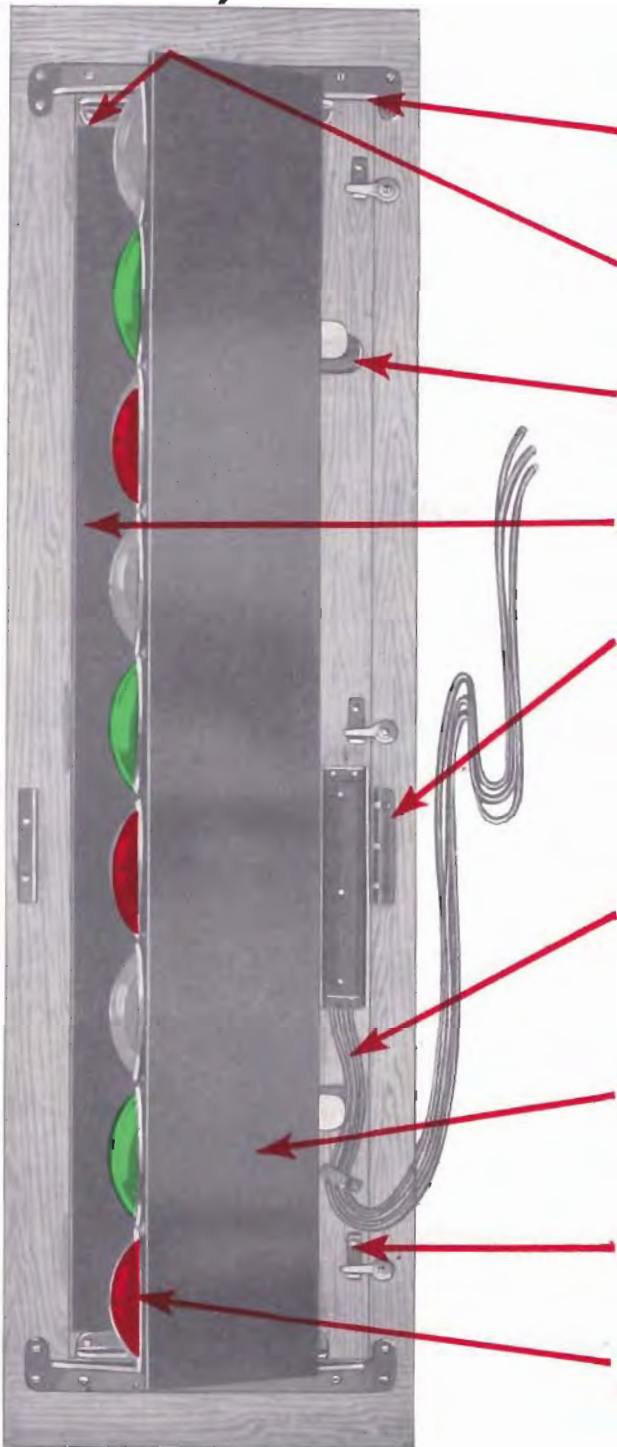
**Half-Open**  
Footlights automatically swing on a pivot to open position.

**Ready for Use in 20 Seconds**



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## Disappearing Footlights



*Showing view from below.*

Heavy steel main support bracket, assuring strength, rigidity and smooth operation.

Sturdy cross arm support holds swinging floor solid in either open or closed position. All joints mortised and tenoned and glued. A workmanlike cabinet job.

Heavy bracket stop for open position.

Kiln dried heavy maple floor and frame. Cannot warp or crack. All joints mortised, tenoned and glued. Wood panels kiln dried and soaked in linseed oil to prevent warping. Each section furnished 5-ft. 2-in. long to allow a 1-inch trim at each end to permit properly fitting to finished stage floor or for trimming to an angle when units are set on a curve.

Automatically operated "off" and "on" switches, controlling all circuits in closed and open position. No danger of lights being left on accidentally or left off when footlights are in use. Mercury switches are mounted directly in, and are a part of the wiring box.

Each Major Footlight section is wired complete and has flexible cables, three feet long, ready for connection in splice box in conduit system, and this splice box is furnished with each section.

Steel reinforced wiring trough and reflector enclosure.

Wedge shape drawtight latch for holding footlight in closed position. There are three of these, assuring a positive closed position. The center latch is used to keep footlight in the open position.

Natural colored heat-resisting moulded glass diffusing roundels. Beautiful natural colors in blue, green, clear crystal, canary, amber and red.

## List Prices – Disappearing Footlights

ALL TYPES of disappearing footlights are made in 5-ft. Sections—all include wiring, splice boxes for contractors conduit and circuit wiring, wood trim, wood swinging covers, wiring boxes, and all wiring for three colors and three conduits, ALTERNATELY; including mercury automatic disconnect switches for each circuit.



Type D-156

### Type D-156

Nine 150W Lamps PS-25 Per 5-Foot Section  
Including individual new ALZAK processed reflector unit with clear or natural colored convex shaped heat-resisting diffusing roundels and new Major Patented Slip Rings.

List Price Per 5-Foot Section, \$120.00  
(Not Including Lamps or Installation)

Extra glass roundels, clear or natural color, blue, red, amber, green and canary.

List Price, Each \$2.00

Shipping weight 120 lbs. per 5-ft. section.



Type D-104

### Type D-104

Twelve 60W, 75W or 100W A-21 Lamps Per 5-Ft. Section  
Including individual new ALZAK processed reflector unit with clear or natural colored convex shaped heat-resisting diffusing roundels and new Major Patented Slip Rings.

List Price Per 5-Foot Section, \$90.00  
(Not Including Lamps or Installation)

Extra glass roundels, clear or natural color, blue, red, amber, green and canary.

List Price, Each \$1.00

Shipping weight 120 lbs. per 5-ft. section.



Type D-2R104

### Type D-2R104

Twenty-four 60W, 75W or 100W A-21 Lamps  
Per 5-Foot Section  
Two Row

Including individual new ALZAK processed reflector unit with clear or natural colored convex shaped heat-resisting diffusing roundels and new Major Patented Slip Rings.

List Price Per 5-Foot Section, \$140.00  
(Not Including Lamps or Installation)

Extra glass roundels, clear or natural color, blue, red, amber, green and canary.

List Price, Each \$1.00

Shipping weight 130 lbs. per 5-ft. section.



Type D-63-B

### Bare Lamp Type D-63-B

Standard Is 15 Sockets Per 5-Foot Section  
For A-21 60W, 75W or 100W Lamps  
Twelve or Eighteen Sockets Per Section Furnished  
at No Additional Cost if so Ordered.  
Including continuous ALZAK processed reflector back for bare lamps.

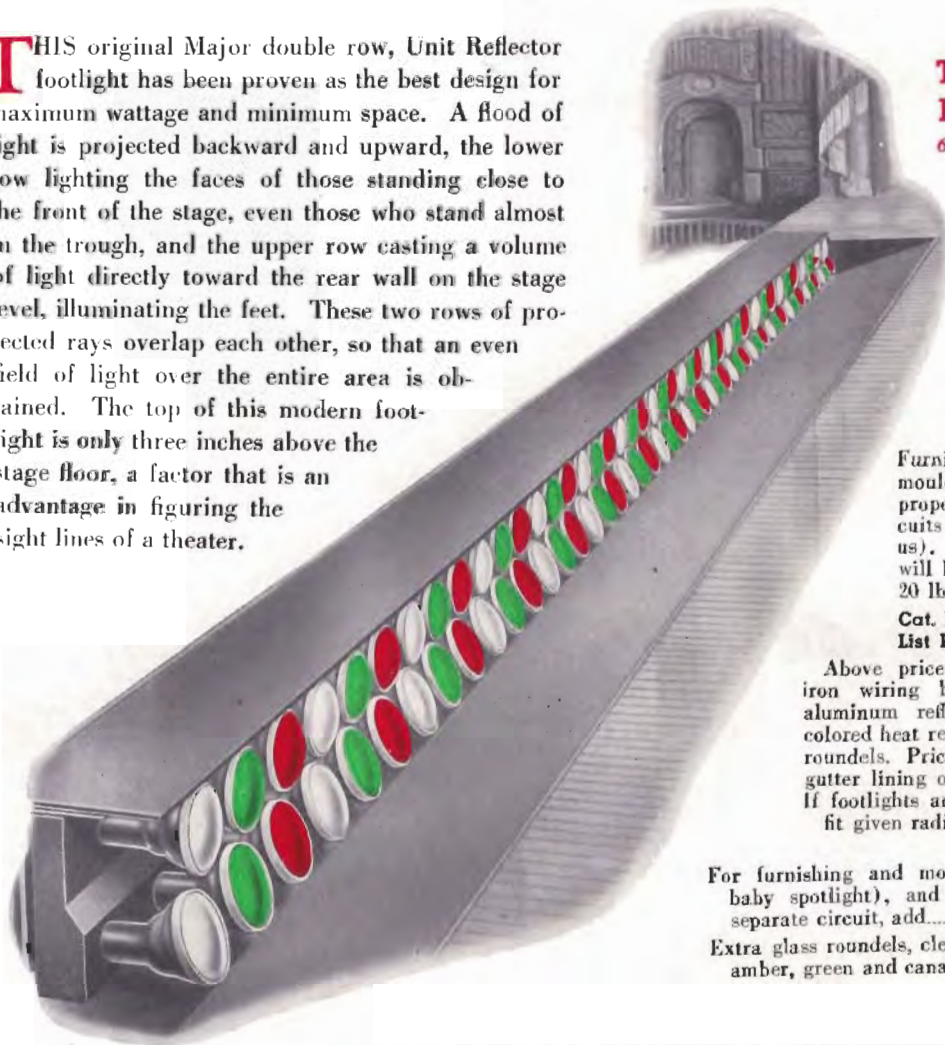
List Price Per 5-Foot Section, \$80.00  
(Not Including Lamps or Installation)

Shipping weight 110 lbs. per 5-ft. section.



## Footlights Type F2R-156

**T**HIS original Major double row, Unit Reflector footlight has been proven as the best design for maximum wattage and minimum space. A flood of light is projected backward and upward, the lower row lighting the faces of those standing close to the front of the stage, even those who stand almost in the trough, and the upper row casting a volume of light directly toward the rear wall on the stage level, illuminating the feet. These two rows of projected rays overlap each other, so that an even field of light over the entire area is obtained. The top of this modern footlight is only three inches above the stage floor, a factor that is an advantage in figuring the sight lines of a theater.



**Two Row  
150W PS-25 Lamps  
6" Centers Min. Each Row**

### LIST PRICES

Furnished complete with new Major moulded medium base sockets and properly wired for colors and circuits (per specification furnished us). ALZAK aluminum reflectors will be furnished. Shipping weight, 20 lbs. per foot.

**Cat. No. F2R-156**  
**List Price ..... Per Foot \$24.00**

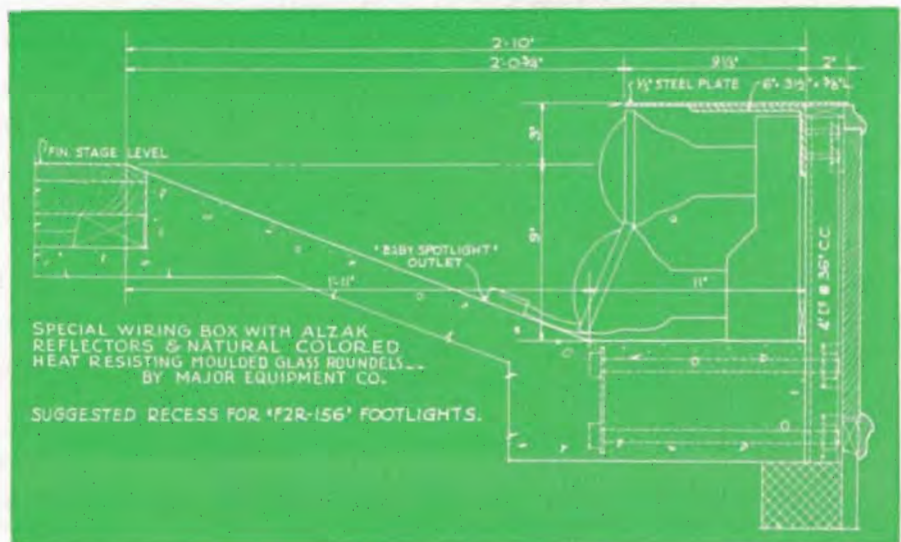
Above price includes 20-gauge galvanized iron wiring box, individual spun ALZAK aluminum reflectors, with clear or natural colored heat resisting, convex shaped, diffusing roundels. Price does not include any lamps, gutter lining or stage nosing. If footlights are to be curved construction to fit given radius, add to above.

**List Price, Per Foot \$5.00**

For furnishing and mounting special receptacle (for baby spotlight), and complete wiring of same on separate circuit, add..... **List Price, Each \$10.00**  
 Extra glass roundels, clear or natural colored, blue, red, amber, green and canary..... **List Price, Each \$2.00**

*Note the compact arrangement of the reflectors and the clean, straight lines of the wiring box.*

*Full size blueprint for plans or installation will be furnished upon request. All dimensions and information are given for the most practical and efficient construction.*





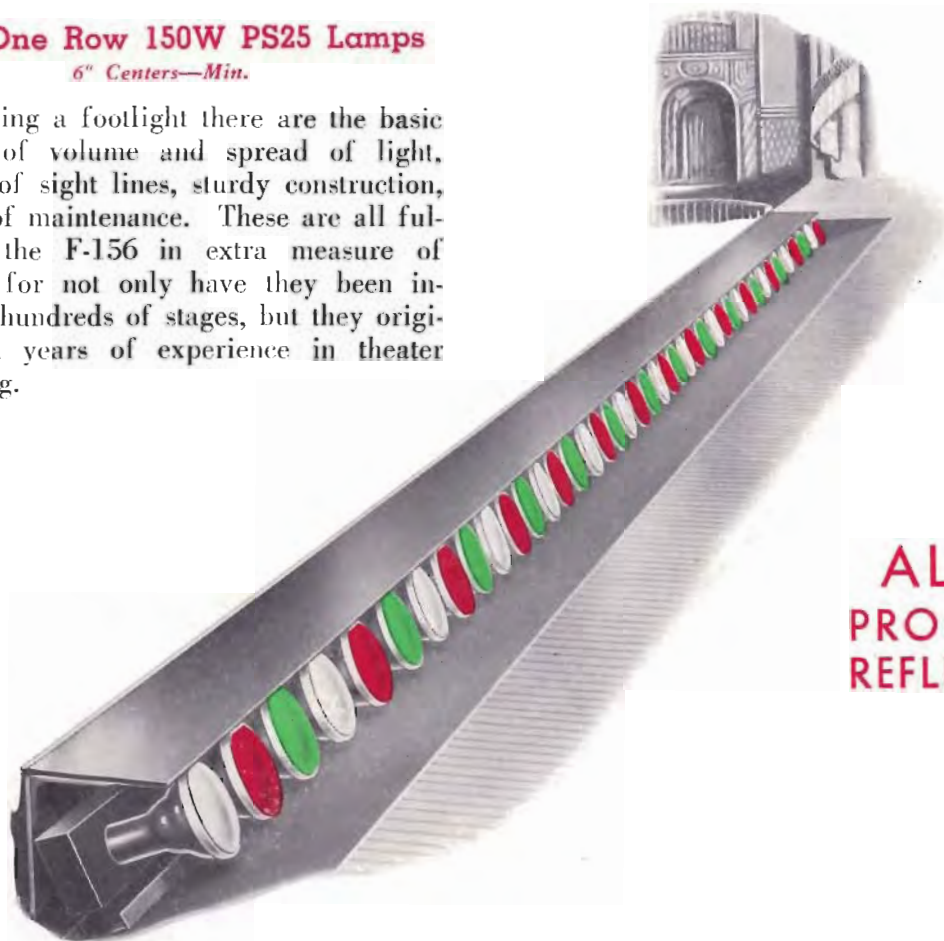
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## Footlights Type F-156 and F-106

### F-156 One Row 150W PS25 Lamps

6" Centers—Min.

**I**N choosing a footlight there are the basic factors of volume and spread of light, clearance of sight lines, sturdy construction, and ease of maintenance. These are all fulfilled by the F-156 in extra measure of efficiency, for not only have they been installed in hundreds of stages, but they originate from years of experience in theater engineering.



**ALZAK  
PROCESSED  
REFLECTORS**

### F-106 75 Watt and 100 Watt A-21 Lamps

6" Centers—Min.

There has been considerable demand for a Major footlight which will use the 100 watt and 75 watt lamps, single row. In selecting the F-106 you obtain all of the Major features of design and construction. The color roundels may be varied to suit the need of the current attraction as the change can be quickly and easily made by changing the colored roundels. While the volume of light necessarily is not as great as with the larger units, yet the efficiency of the reflectors makes the most out of the wattage used.

### Price List F-156 or F-106

Furnished complete with new Major moulded medium base socket and properly wired for colors and circuits (per specifications furnished us). Shipping weight, 15 lbs. per foot.  
Cat. No. F-156 or F-106.....List Price, Per Foot \$14.00

Above price includes 20-gauge galvanized iron wiring box 2 x 5", individual spun ALZAK processed reflectors, with clear or natural colored heat resisting convex shaped diffusing roundels and slip type retaining ring for each lamp. Price does not include lamps, gutter lining or stage nosing.

If footlights are to be curved construction to fit a given radius, add to above.....List Price, Per Foot \$3.00

For furnishing and mounting special receptacle (for baby spotlight), and complete wiring of same on separate circuit, add for each receptacle desired.....List Price, Each \$10.00

Extra glass roundels, clear or natural colored, blue, red, amber, green and canary.....List Price, Each \$2.00

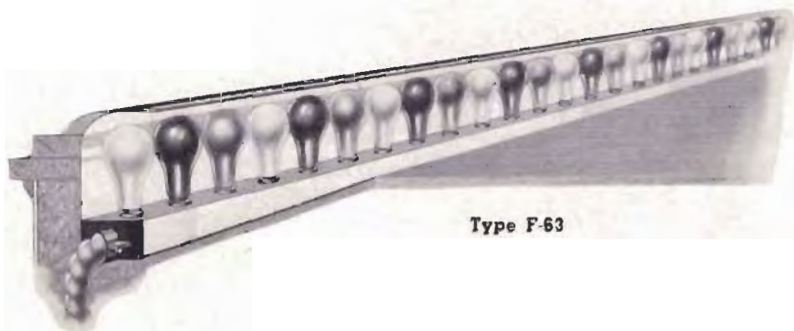
*Full-sized working drawing for plans or installation will be furnished upon request. All dimensions and information are given for the most practical and efficient construction.*

# Major Bare Lamp Footlights

Bare Lamp Footlights are constructed in the same thorough manner as all Major stage equipment. Although Major disappearing footlights have practically replaced the demand of all other types of footlights for stages, which are to be used for miscellaneous purposes, especially in schools, clubs, hotels, etc., Major bare lamp footlights are still in demand for solid platforms

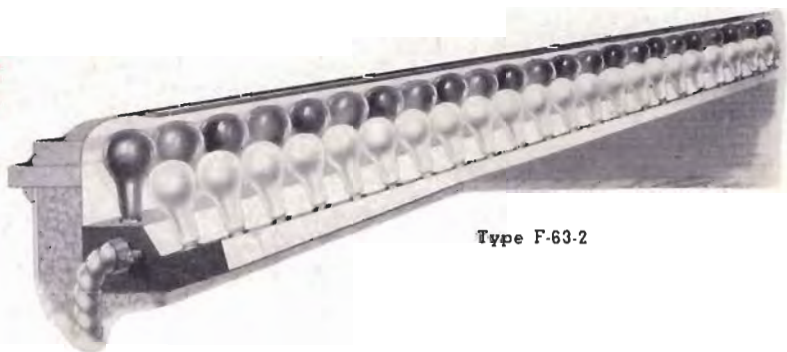
or temporary stages, etc., and because of their lower cost.

Major engineers are always glad to cooperate with you in helping to select the best and most economical type of footlights to suit conditions or your budget. Do not hesitate to write us, giving requirements and asking for quotations.



Type F-63

**100W A-21 Lamps or Smaller**  
4" Centers—Min. per Row



Type F-63-2

## LIST PRICE—Footlights

Types F-63 and F-63-2

One Row Bare Lamp Footlight — Complete with Major moulded medium base sockets and properly wired for colors and circuits (per specifications). Shipping weight, 7 lbs. per foot.

Cat. No. **F-63** ..... List Price, Per Foot **\$4.00**

Above price does not include reflector back, lamps or gutter lining and is based on a wiring box of straight construction.

For Curved Construction ..... Foot. Additional **\$3.00**  
For Reflector Back ..... Foot. Additional **4.00**

Two Row Bare Lamp Footlight, complete with new Major moulded medium base sockets, properly wired for colors and circuits (per specifications). Shipping weight, 9 lbs. per foot.

Cat. No. **F-63-2** ..... List Price, Per Foot **\$9.00**

Above price does not include the reflector back, lamps or gutter lining and is based on a wiring box of straight construction.

For Curved Construction ..... Foot. Additional **\$5.00**  
For Reflector Back ..... Foot. Additional **4.00**



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