

# Type D Color Light Signals

## Foreword and General Order Information

A general description of our color-light signals is given in Bulletin No. 144 and we urge our customers to read this Bulletin carefully before ordering, since there are a number of features of construction and use given that will be an aid in securing equipment best adapted to your needs.

The most common Aspects and Indications for the Type D signal are shown on pages 19, 20, 21 and 22 of Bulletin No. 144, but we will furnish equipment for giving any indications that you may desire to use.

Unless otherwise stated in the following lists, a signal unit is understood to mean the unit complete, including background, hoods and adjusting bracket, as shown on Plate H2113, but without lamps and transformers.

Lamps and transformers are not included with any of the signals nor signal units listed, but must be ordered separately. Experience indicates that this method of ordering is to the advantage of all concerned. Lamps are shown on Plate H3011 and transformers are shown on Plate P0102, Volume 4.

Transformers will be mounted in doublet lens signal units before shipment when specified.

Signal foundations, number plates and marker lights are shown in the following plates for the purpose of illustrating the method of mounting only and are not included with the signal complete as listed. See Plates H2113 and H1905 for Marker Lights and Plate H1715 for Number Plates and order separately.

Unless otherwise specified, signals will be furnished in recommended heights as shown.

Unless otherwise specified, signal units will be furnished with color and position of lenses as follows:

3 INDICATION UNIT		2 INDICATION UNIT		1 INDICATION UNIT	
Upper Lens	Green	Upper Lens	Yellow	Lens	Red
Center Lens	Yellow	Lower Lens	Red		
Lower Lens	Red				

Signals equipped with doublet lenses are regularly furnished with lenses that give a 20° downward spread and a 3° spread to either side of axial beam. Outer Spredlite lenses are available which may be used in place of the regular outer lens and which give a greater side spread than 3°. These lenses are used principally in signals located

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on curves and are furnished when specified to give either a  $6^\circ$  spread to either side of axial beam or a  $15^\circ$  spread to either side.

Doublet Lens Units are shown on Plate H3001.

Signal units are regularly furnished without back lights but back lights will be furnished when specified.

Relay cases shown with signals complete, are listed with shelving as specified for the reason that requirements are so varied as to make a standard arrangement impractical. Furnish a sketch of the shelving desired, or a list, and the arrangement of the apparatus to be located in the relay case. Other relay cases than those listed with the signal complete are shown and listed in Section E, Part 9.