

## **Auxiliary Lamps**

### Clear Auxiliary Lamps for Emergency Vehicles

(Blanket Approval issued June 21, 1972)

In accordance with the provisions of Section 46.2-1028 of the Code of Virginia, the Superintendent of State Police hereby permits the use of:

All clear auxiliary lamps installed on any fire vehicle used exclusively for fire fighting or installed on any ambulance or rescue or life saving vehicles for the principal purpose of emergency relief, or installed on any wrecker used for the principal purpose of towing disabled vehicles provided the lamps are not used in a manner which will tend to blind or interfere with the vision of the operators of approaching vehicles and in no event shall such lamps be lighted while the vehicle is in motion.

### Auxiliary Lamps on Police Vehicles

(Blanket Approval issued time 24, 1975)

(Revised July 1, 1980)

In accordance with the provisions of Section 46.2-1029 of the Code of Virginia, the Superintendent of State Police hereby permits the use of:

Clear auxiliary lamps of any type may be installed on any government police vehicle. Such lamps may be used to light emergency scenes and other areas for the purpose of detecting offenders, making apprehensions of violators of law and in performing other functions of police duty as are reasonably necessary. Such lamps may be used when the vehicle on which they are mounted is standing or proceeding at a speed not to exceed fifteen miles per hour. Such lamps shall not be used in a manner which will tend to blind or interfere with the vision of the operators of approaching vehicles.

### Safety Light for Farm Tractors in Excess of 108 inches Width (Blanket approval issued June 1, 1973)

In accordance with the provisions of Section 46.2-1102 of the Code of Virginia, any farm tractor in excess of 108 inches in width which is so propelled, hauled, transported or moved upon the highway shall be equipped with at least one safety light meeting the following requirements:

1. It shall be amber in color.
2. It shall flash at least 60 flashes per minute but not more than 120 flashes per minute when it is operating.
3. It shall be mounted so that it will be plainly visible from the rear of the tractor.
4. It shall meet the provisions of The Society of Automotive Engineers Standards J974 (Flashing Warning for Agricultural Equipment) or J588e (Turn Signal Lamp).
5. It shall be approved by the Department of State Police for sale and use in Virginia or shall be identified according to the Society of Automotive Engineers Standard J759b (Lighting identification Code) in keeping with the Department's Waiver of Approval Procedure.

### Auxiliary Lights for Motorcycles

Notwithstanding § 46.2-1002, motorcycles or autocycles may be equipped with standard bulb running lights or light-emitting diode (LED) pods or strips as auxiliary lighting. Such lighting shall be (i) either red or amber in color, (ii) directed toward the ground in such a manner that no part of the beam will strike the level of the surface on which the motorcycle or autocycle stands at a distance of more than 10 feet from the vehicle, and (iii) designed for vehicular use. Such lighting shall not (a) project a beam of light of an intensity greater than 25 candlepower or its equivalent from a single lamp or bulb; (b) be blinking, flashing, oscillating, or rotating; or (c) be attached to the wheels of the motorcycle or autocycle.

## AUXILIARY LAMPS

### Fog Lamps

#### Appleton

#45 (amber)  
#45A (amber)  
#91 (amber)

#### Arrow

#60 (amber)  
#60 (clear)

#### B-L-C

Fog 5 3/4" (Model 2002)  
Fog 5 3/4" (amber)  
Fog 5 3/4" (clear, sealed)  
Fog 5 3/4" (amber, crystal center)  
Fog 6 11/16" (amber)  
Fog 6 11/16" (clear)  
Fog 6 11/16" (Model 2001H, amber top and bottom zones)

#### Casco Fog 205-F (amber)

#### Cat's Eye

#5627amber)  
#6006 (amber)  
#7007 (amber)  
#7500 (amber)  
#9000 (amber)  
Fog #112 (clear, sealed) Fog  
#112A (amber, sealed)

#### C-B

Auto-Lite (amber)  
Fog (amber)

#### Defiance

Fog (amber)  
Fog (clear)

#### Dietz

#300 (amber) #309 (amber)  
#510 (Mazda 4012A, amber)  
#510 (Mazda 4012, clear) #609 (amber)

#### Do Ray

Bright Ray (amber) #1000 (amber)

#### Electroline

#1 Fog (amber, sealed)

#### Fog King Fog (amber)

#### Four Star

#870 (amber, metal shield over bulb)

#### Guide

Fog 4 5/8" (Model 2004-A)  
Fog 5 3/4" (clear)  
Fog 5 3/4" (clear, sealed)  
Fog 5 3/4" (clear, sealed)  
Fog 5 3/4" (amber)

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## AUXILIARY LAMPS (cont.)

### Fog Lamps (continued)

#### Guide (continued)

Fog 5 3/4" (Model 2002)  
Fog 5 3/4" (amber, crystal center)  
Fog 5 3/4" (Model 859-F, amber)  
Fog 5 3/4" (Model 859-F, clear)  
Fog 5 3/4" (Model 2003-A, clear)  
Fog 5 3/4" (Model 2003-B, clear)  
Fog 6 11/16" (clear)  
Fog 6 11/16" (amber)  
Fog 6 11/16" (Flush mounted, amber)  
Fog 6 11/16" (hooded amber lens) Fog 6 11/16" (V-lens, amber)  
Fog 7" (amber)

#### K.D.

#850 (amber) #850 (clear)  
Broadway #852 (amber)  
Broadway #852 (clear)  
Sho-Way #854(amber)  
Sho-Way #854 (clear)  
Master #855 (amber)  
Master #855 (clear)  
#857 (amber)  
#857 (clear)  
#860 (amber)  
#860 (clear)  
#867 (amber)  
#867 (clear)  
#870 (amber), blackened tip bulb)  
#870 (amber, metal shield over bulb)

#### Kilborn-Sauer (KS)

#120 (amber)  
#411 (amber)  
#412 (amber)  
#415 (amber)

#### Koito Mfg. Shizoka Works

Koito 114-76370 Japan 02 B E43 00013

#### Lescoa 19019,

SAE-F  
19089, SAE-F  
F 38670/1xJ

#### Lorraine

#41 (amber)  
#42 (amber)

#### MoPar (Corcoran-Brown)

Fog (amber)  
Fog (clear)  
Fog 3" (amber)

## AUXILIARY LAMPS (cont.)

### Fog Lamps (continued)

#### Persons

#500 (amber, #55 lens) #600 (amber #55 lens)

#### Richlite

Model M (amber)  
Model M (clear)

#### Seelite (Corcoran-Brown)

Fog (amber)  
Fog (clear)

#### Solar (C. M. Hall) Fog (amber)

#### Stanley Electric Co., Inc.

010-2408 (front fog, rectangular)

#### Stellar Model PA (amber)

#### Studebaker (Corcoran Brown)

Fog (Mazda 4015, clear)  
Fog (Mazda 4015A, amber)

#### Trippe

Junior (clear, single filament)  
Safety Speedlight (clear)

#### Unity

Fog (amber)  
Fog S-4 (amber)  
Glaseal Fog (amber)  
Super Model (amber)

#### Yankee

#40 (amber)  
#40 (clear)  
#41 (amber)  
#41 (clear)  
#46 (amber)  
#46 (clear)  
Challenger Fog (amber)  
Clipper (amber, sealed)  
Supreme (amber)  
Supreme (clear)  
SAE Identification Code for Fog Lamps:  
Manufacturer's name or trademark and SAE-F plus last two digits of year.

#### Aris Products Company

Aris #23 W      Aris #1011 W  
Aris #25 W      Aris #1014 A  
Aris 1054

#### Arrow Safety Device Company

60 C      A440  
A400

**AUXILIARY LAMPS (cont.)****Fog Lamps (continued)**Auto Lamp Manufacturing

10 All State  
 15 Pathfinder  
 18 Western

Badger Tool & Manufacturing Co.  
702Beck-Arnley

Carello 02/213/012 c

Blazer Intenational Corp.

Blazer Model 40/41 y  
 Quartzray 20/31 c a  
 Quartzray 30/31 w a  
 Blazer-Quartz-Ray #41 w

Blue Fox Industries

GM 150 (GE 4415) c  
 US 139 (GE 4415A) c

Cibie Projecteurs

Cibie Oscar c Cibie 40 c  
 Cibie Super Oscar c Cibie 45 c  
 Cibie 35 c Cibie 95 c

Columbus Metal Products

Cats Eye A 7600

Cooper Industries

Wagner - 30680 (clear)  
 Wagner - 2101 USA 24 TS  
 Wagner - 2101 USA 24 A2 TS

Daimler-Benz Aktiengesellschaft

Hella 29110

R. E. Dietz 410Do-Ray Lamp Company - 600FElectroline Manufacturing Co.

2 Nor Jay 44  
 54 Nor Jay 72  
 82 Superlite 82

FPI, Inc.

Power 805F y w  
 Power 818F/819 a  
 IPF-804D K-Mart 82-29-0l y w  
 IPF-832 c a

General Electric Company

GE 4412 & 4412A  
 GE 4415 & 4415A

General Motors Corporation

4 5/8" (2012A) 2002M  
 4 1/2" (2020A) 2012A  
 5" (2025A) 2020A

FPI, Inc.

Power 805F y w

**AUXILIARY LAMPS (cont.)****Fog Lamps (continued)**FPI, Inc. (cont.)

Power 818F/819 a  
 IPF-804D K-Mart 82-29-0l y w  
 IPF-832 c a

General Electric Company

GE 4412 & 4412A  
 GE 4415 & 4415A

General Motors Corporation

4 5/8" (2012A) 2002M  
 4 1/2" (2020A) 2012A  
 5" (2025A) 2020A  
 856J 2022A  
 2022L 2025A  
 Guide  
 A5 57 6 11/16"  
 AF5 59 7"  
 F5 60 856 K  
 4 1/2" 2002 L  
 4 5/8" 2013 A  
 511 2023 (5")  
 5 3/4" (2008) 2025A  
 Hella K 11145  
 Merz-Werke K 1082

Grote Manufacturing Co. 211C. M. Hall Lamp Co.

Carlton Nash  
 Ford Packard  
 Hudson Studebaker  
 Kaiser-Frazier Hall Lamp 4HF

IPF Corporation

IPF-615F a w  
 IPF-616F a w  
 IPF-717F a w  
 IPF-718F a  
 IPF-804E c a  
 IPF-814F c

KD Lamp Company

KD 890 VP 730  
 KD 891 VP 732  
 KD 892 Ray Far 890  
 SP 691 Ray Far 891  
 SP 692

Lucas Electric Services

SFT 576 (M5)

Lumidor Manufacturing Co.

All State Ser. 2020

Marchal America

810 lode Sev Marchal  
 880 lode Sev Marchal  
 850 GT Sev Marchal

**AUXILIARY LAMPS (cont.)****Fog Lamps (continued)**Per Lux Weather Light Inc.

Per Lux 200T  
 36A (GE 4675) c  
 Per-Lux 500 c  
 Per-Lux 600R c a

Perfection Automotive Prod.

Perfection (4 1/2" F106)  
 F-40 (GE 4415A)

S.E.V. Corporation

Cibie 195 w a  
 SEV Marchal 750 y  
 Cibie 175 B E2 52 w

S & M Lamp Company

S & M 470 Ser. S & M 471

Sakai & Company, Ltd.

IPF-IIOF w y IPF-512 w y

Sparton Automotive

Teleoptic Ser 400

J. W. Speaker Corp. Ser. 5000Stanley Electric Company

Stanley HM-6060 c  
 Isuzu --  
 Stanley 010-2408

Studebaker Packard Corp.

Bosch LE 1353 AI

U S Metal Products

Pioneer 140 Pioneer 145  
 Pioneer 141 Pioneer 147  
 Pioneer 143 U S 139

Unity Manufacturing Company

Model H 4 3/8"  
 Model H-2  
 H-1 (GE 4415A) c  
 F-1 (GE 4412) c

Valeo Sylvania

Marauder ST80 HI Bulb

Volkswagen of America

Hella 85783 (KII074 35w)

Westfalische Metall Ind.

Hella 66893 SAE-F-64  
 Hella TN6  
 Hella TN8 c Hella TN-9 c

Westinghouse Electric Corp

W4015 & 4015A  
 W4412 & 4412A

## AUXILIARY LAMPS (cont.)

### Fog Lamps (continued)

#### Yankee Metal Products

Brite-Vue Skipper  
Skipper  
Yankee 91/92 (91A-92A)

#### Hugh J. T. Young Consultants, Inc.

Cibie 35 BE 2-22	c
Cibie 45 BE 2-43	c
Cibie 95 BE 2-68	c
Cibie Oscar BE 2-19	c
Tundal CI	w y
Tundal R	a w