

# Foreword

## **INTRODUCTION**

This is the sixth Energy Efficient Lighting catalog published, the first by The Defense Supply Center Philadelphia, DSCP. This publication replaces the November 1998 edition. Many changes have been incorporated in this catalog. Many items have been separated into more easily identifiable categories to help differentiate them. These and other changes are because of the suggestions made by users of the previous editions. We know that there are other improvements which can be made and would appreciate your comments on this catalog as well.

Public Law 100-615 and Executive Order 12902, have mandated that from base year 1985 all Federal buildings must reduce energy consumption by 20% in the year 2000 and by a total of 30% in the year 2005. One of the largest energy users in Federal buildings is lighting systems which can be improved by installing energy efficient lighting. The Energy Policy Act of 1992 eliminated the manufacture of some lamps commonly in use in the United States. A table of its requirements and a listing of products that will not be manufactured, the manufacturing date ceased and some products that may be used in their place are included for your use.

We would like to express our appreciation for the assistance from the Office of the Deputy Under Secretary of Defense for Energy Office, the GSA Public Building Service, the Department of Energy's Federal Energy Management Program and many other agencies and suppliers that have contributed to the information contained in this catalog.

## **THE BENEFITS OF ENERGY-EFFICIENT LIGHTING**

Today, lighting accounts for 20 to 25 percent of the electricity used annually in the United States. Commercial and industrial lighting represents 80 to 90 percent of total lighting electricity used. If energy-efficient lighting were used everywhere it is profitable, the electricity required for lighting would be cut by 50 percent, and the aggregate national electricity demand would be reduced by ten percent. This reduction would free \$16.5 billion dollars from rate payer bills for useful investment and reduce annual carbon dioxide emissions by 232 million tons (4 percent of the national total), the equivalent of 42 million cars. It would also reduce sulfur dioxide emissions by 1.7 million tons, or seven percent of the national total; and nitrogen emissions by 890,000 tons or four percent of the national total. This means less acid rain and less contribution to the Green House Effect. Other forms of pollution - boiler ash, scrubber waste, acidic drainage and waste from coal mining, radioactive waste, natural gas leakage would also be reduced.

(Excerpt from and EPA Green Lights brochure dated March 1991)

## **ABOUT THIS CATALOG**

This catalog is designed to assist you with your selection of energy efficient products and to locate its appropriate NSN (National Stock Number). There are other charts listing recommended energy efficient replacements for standard lamps. These charts may be found in the appropriate lamp section. We have also included information concerning how to place an order with a minimum amount of effort. If you have any problems, please call 1-800-DLA-BULB. Additional instructions on how to use this catalog follow the foreword.

## **ORDERING**

If you are a DoD customer, you should requisition these items using MILSTRIP requisitioning procedures in accordance with DoD 4000.25-1-M via Defense Automatic Addressing System (DAAS), using the Automatic Digital Network (AUTODIN)/Defense Switching Network (DSN), mail, TWX, fax, or in case of emergency, by phone. If you are ordering for a non-DoD Federal Agency, you should requisition these items using FEDSTRIP requisitioning procedures (in accordance with the FEDSTRIP Operating Guide, FSS publication OFOG-0008 and FEDSTRIP Desk Guide, FSS publication OFOG-0009). You may send us (Routing Identifier S9I) these requisitions by mail, teletype, electronic data interchange (such as MUFFIN or DAMES), fax, or if necessary by phone. (Note the toll free numbers listed below.) DISC accepts Standard Form 344, Multiuse Standard Requisitioning/Issue System Document, with multiple lines per form: a copy of the "Minimum Data Required" sheet is found in this catalog: DD Form 1348, Single Line Requisition Form: and any other form that will provide all the data required for requisitioning. DISC realizes that not all our customers are familiar with requisitioning via MILSTRIP or FEDSTRIP; therefore,

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we have personnel at this center to guide you through the requisitioning process using our 1-800-DLA-BULB telephone line. Also, there is a section at the end of this catalog that contains information on the minimum data required by this Center to process a requisition.

## **TOLL FREE NUMBERS**

You may use the following number to submit requisitions, obtain information and status, cross reference part numbers to NSN, order additional catalogs and to offer suggestions to improve our services.

**PHONE: 1-800-DLA-BULB  
(1-800-352-2852)**

## **UTILITY REBATES!!**

We recommend checking with your utility company to determine if there are rebates available when you buy energy efficient lighting products.

## **ADDITIONAL ITEMS**

We are constantly assigning NSN's to new energy efficient items as they are developed and made available by industry. These items will be listed in future catalog editions. These items may be requisitioned as soon as the NSN is in the Federal Catalog System, and we will initiate action to obtain stock as quickly as possible. However, you may experience some delay in receipt of these items since they are new. DSCP also manages other lighting items, e.g., specialty lamps, other fixtures and other ballasts. If you do not see what you want, call **1-800-DLA-BULB** and we will be glad to assist in locating the proper NSN.

## **CHANGE OF ADDRESS**

If you change your address or if the address used to send you this catalog is not correct, please notify us. Send us a post card or fax the change to us. Indicate the address used on the catalog and the corrected address. Our address is as follows:

**Defense Supply Center Philadelphia  
700 Robbins Ave  
ATTN: DSCP-IFB  
Philadelphia, PA 19111-5096**