

# INTRODUCTION VOLUME I

**Volume I** of the documents has been created to enable the user to search systematically for general and/or particular information about **Air-Field-Lighting** equipment (AFL), systems, components and services and/or its manufacturers using the six sections listed hereafter. The sections are facilitating the search by emphasizing the inter-relation between one or more categories of information. Because each company has been assigned a typical registration number, these dedicated numbers are listed as reference in each section.

The **First section** lists all identified Companies including their assigned registration number. At present there are approximately **180** companies registered. In principle only company headquarters are recorded. However, from a few companies also their subsidiaries are listed especially when such a specific division is involved in, and/or contributes to **Air-Field-Lighting / Airport Ground Lighting** related technology in particular.

The **Second section** lists from each Company its Address(es), Telephone, Telex, Fax and E-mail and/or Web numbers etc, subsequent the persons in charge, or managing the AFL related activities. This section in addition provides a short summary of companies activities with regard to Air-Field-Lighting, by indicating its range of activities in typical field of AFL technology.

The **Third section** lists countries in which the companies (HQ's) primarily are based, particularly dealing with AFL technology (R&D, Sales, Marketing and Production etc.). In this section one can quickly determine in which country, how many and which companies are involved in the production and marketing of AFL related products and associated services.

The **Fourth section** lists all the main categories of AFL products and services (**41**), and indicates which company is producing or is able to supply one or more of the items mentioned in this particular group of products or services.

The **Fifth section** is the most extensive and detailed one, it provides from each group of AFL related products and/or services the basic technical and general details, it shows the supplier / manufacturer nrs, as well as type nrs (if provided) indicating that this product is produced and/or marketed by the listed organization. In addition from each type of product category or sub-group is indicated its compliance with ICAO, FAA and/or Mil standards, if applicable.

The **Sixth section** provides principal technical information in the form of **drawings**. Each drawing shows a particular lay-out or a typical Lighting configuration, which are in accordance with recommended international accepted standards and recognized practices. The examples shown in this section are complying with the **Aerodrome Design manuals and Annex 14 published by I.C.A.O.**, Military and FAA approved lay-outs however, may vary in practice depending on the type of Airport, and its typical characteristics and/or application.

In **Volume II and III** additional general and detailed (technical and installation) drawings and lay-outs are shown, those can be found in the sections: **Technical drawings** and **Installation specifications**.