

PREFACE

Reasons to develop and produce this comprehensive **Air-Field-Lighting (AFL)** guide, using the database as format, was the unavailability of basic, general, technical and commercial information regarding the subject of **Air-Field-Lighting (AFL)**. The type of Form used was contemplated with International Organizations and National authorities and was introduced in 1991, and used since by; Manufacturers (OEM's), Governmental departments, Consultants, Technical Advisors and Contractors. The Documents, Part 1 first, but later also Parts 2 and 3 are considered very useful for design assignments, preparation of specifications, procurement of equipment and supervision of works in execution, in particular for all projects applying the typical **Air-Field-Lighting (AFL) technology**.

It is the intention of publisher that the **AFL databank**, will provide an actual and a complete as possible overview regarding the subject of **Air-Field-Lighting**, (also known as: **Airport Ground Lighting**) in general and in the different engineering aspects in particular.

The comprehensive AFL databank consists of three volumes.

Volume I, Contains general, technical and basic information with regard to the registered Companies involved in the production and marketing of AFL related technology. This document lists and highlights from manufacturers, their base and country of origin, furthermore general and basic technical equipment details, compliance information and finally it provides examples of typical AFL configurations and lay-out drawings.

Volume II, Consists of two main parts divided over six sections:

Sections 1, 2 and 3. contain, Performance and Compliance Norms, Standards and Recommendations based on: ICAO Annexes and ADM's, the FAA, AC's and the MIL-SPEC's.

Sections 4, 5 and 6. contain, AFL related Installation Standards, Quality Test Criteria and Recommended Codes of Practice based on: IEC, ASTM, DIN, ANSI standards, furthermore are indicated General and Particular Project Conditions recommended for and/or worldwide used for AFL project and contract documents.

Volume III, Consists of three main parts:

Part 1. contains, Typical Technical specifications applicable for AFL projects and contracts, the so called: Consultants specifications, based on ICAO's recommendations / ADM's.

Part 2. contains, Typical Technical specifications applicable for AFL projects and contracts, the so called Consultants specifications, based on FAA "Advisory Circulars".

Part 3. contains, Technical Consultants specifications applicable for AFL projects, and based on Military specifications, (MIL-Spec's and "STANAG's).