

controls design and implementation throughout all public realm areas may act in concert to produce better luminous environments. The consequences of this for the public realm energy consumption can be very large if design parameters and controls are an integral part of newly developed lighting systems.

The public hope and expectations of reducing the energy allotted to the public realm have increased the challenge of providing the lighting required for comfort, safety, and appropriate to the use of the outdoor space. In response to these constraints, the contributors have established this first edition of “Abu Dhabi Public Realm & Street Lighting Handbook” to generate recommended illumination targets cited at different parts of this handbook. This fine and detailed information gives the designer and the client the ability to more carefully match illuminance targets with visual tasks outdoor. These recommendations for outdoor applications will take into account the activity levels and special

tasks for safety especially for outdoor design and implementation of lighting systems.

Among many effects of the new technology and understanding of light and well-being, has been the emergence of wide interest in new lighting technologies and large questions of public policy regarding lighting, energy, sustainability, and health. For these reasons this first edition of “Abu Dhabi Public Realm & Street Lighting Handbook” has been designed and written for a very wide audience.

This first edition of the “Abu Dhabi Public Realm & Street Lighting Handbook” provides information and recommendations that can guide designers and users of lighting systems in the Emirate of Abu Dhabi of both reduced lighting energy expectations and undiminished needs for attractive, comfortable, productive luminous environments.

*The Contributors*