

	Page
7.5.1.1 Abu Dhabi Certification Scheme for LED Exterior Lighting Fixtures (Luminaires)	142
7.5.1.2 Conformity Certificate	143
7.5.2 ESMA	143
7.5.2.1 Scope	144
7.5.2.2 Emirates Quality Mark	144
7.5.2.3 Energy Efficiency Label	145
8.0 Road Lighting Luminaires	146
8.1 Luminous Intensity Distribution	146

Chapter E Electrics

	Page
1.0 Control Gear	154
1.1 Ballasts for Discharge Light Sources – General Principles	154
1.1.1 Electromagnetic Control Gear for Fluorescent Light Sources	155
1.1.2 Electromagnetic Control Gear for HID Light Sources	157
1.1.3 Low Pressure Sodium Lamp	158
1.1.4 High Pressure Sodium Lamp	158
1.1.5 Electronic Control Gear for Fluorescent Light Sources	159
1.1.6 Electronic Control Gear for HID Light Sources	160
1.1.7 Iron-Core Transformers for Low-Voltage Light Sources	161
1.1.8 Electronic Transformers for Low-Voltage Light Sources	162
1.1.9 Drivers for LEDs	163
2.0 Lighting Controls	164
2.1 Options for Control	164
2.2 Input Devices	164
2.2.1 Manual Inputs	164
2.2.2 Presence Detectors	164
2.2.3 Timers	164
2.2.4 Photocells	164
2.2.5 Advanced Lighting Control Systems	165
2.3 Control Processes and Systems	167
2.3.1 0-10V or 1-10V Dimming Systems	167
2.3.2 DSI/DALI Lighting Control / Dimming System Description	168
2.3.3 DMX 512 or DMX512-A Lighting Control System Description	169
2.3.4 LON (Local Operating Network) Lighting Control Systems	171

