



## **Appendix 3 – Downtown Lighting Specifications Energy-Efficient LED Bollard Fixtures (20)**

### **Construction**

Housing: Die-cast aluminum

Lens: Polycarbonate

Reflector: Aluminum

Finish: Bronze (9) & Black (11)

Cold Weather Starting: The minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature: Suitable for use in up to 45°C (113°F)

Top (Head): Square

### **Electrical**

Photocell: Integrated photocell with on/off switch

Surge Protection: 4kV

Driver: Adjustable 24W, 19W, 14W

### **Field Adjustability**

Field Adjustable Light Output: 24W/19W/14W (factory default 24W)

Color temperature selectable by 5000K, 4000K and 3000K (factory default 4000K)

### **Performance**

Lifespan: 50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

### **Compliance**

UL Listed: Suitable for wet locations