

**PRODUCT SPECIFICATIONS**

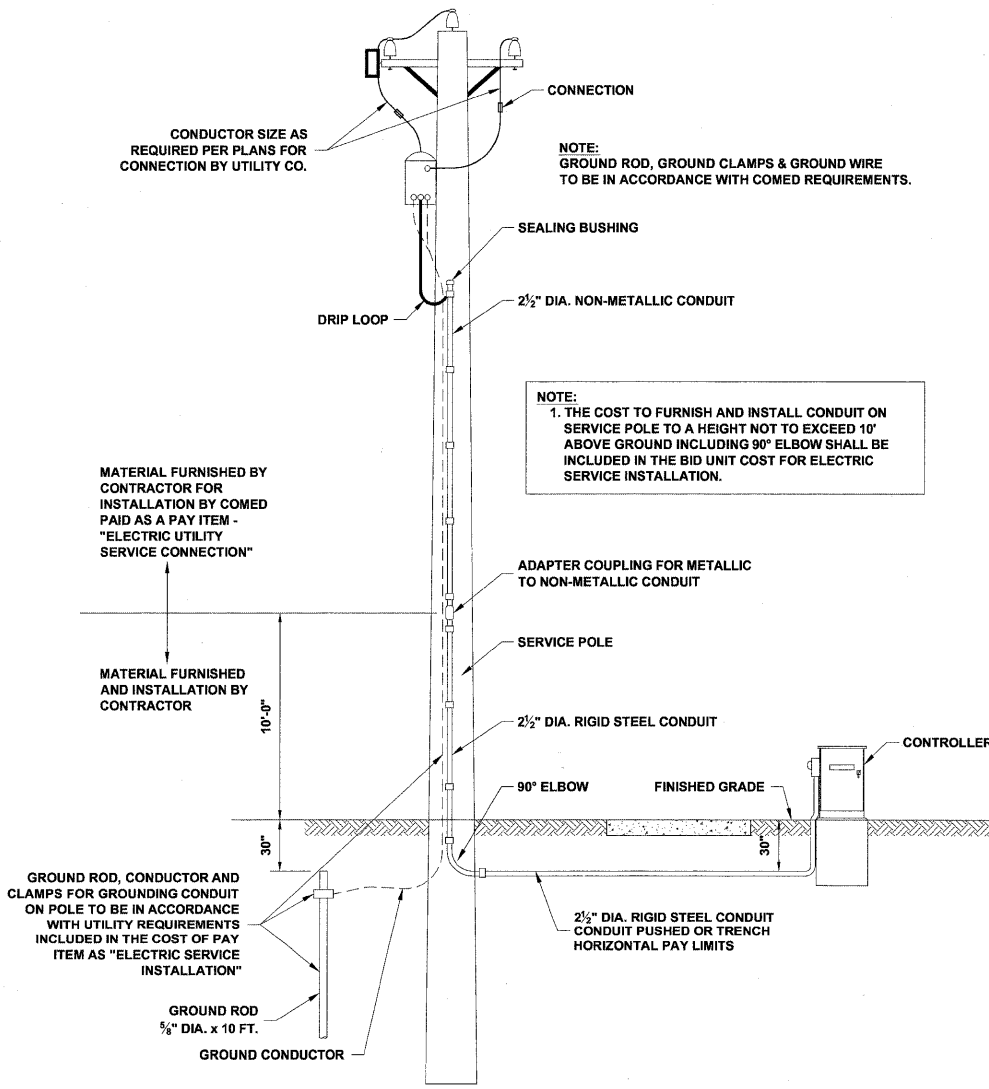
- **Light Source:** 3 High intensity power LEDs
- **Color Range:** 16.7 million additive RGB colors
- **Color Resolution:** 3 x 8-bit continuously variable intensity output range
- **Color Options:** RGB, red, green, blue, amber<sup>1</sup>, cold white<sup>1</sup>, warm white<sup>1</sup>, dynamic white<sup>1</sup>
- **Beam Angle:** 6°, 16°, 25°
- **Cover Lens:** None
- **Housing:** Aluminum extrusion
- **Adjustment Options:** MR16 mounting
- **Size:** 68.5mm/2.70" (Height), 50mm/1.97" (Diameter)
- **Weight:** 100g / 0.22lb
- **Regulatory Listing & Safety Approval:** CE
- **Temperature Range:** -20°C to +40°C / -4°F to +104°F (operating K2-700mA)  
-20°C to +45°C / -4°F to +113°F (operating 1W/K2-350mA)  
-20°C to +50°C / -4°F to +122°F (storage)
- **Environment:** Indoor
- **Humidity:** 85%, non-condensing

**ELECTRICAL SPECIFICATIONS**

- **Constant Current:** 350mA, 700mA DC (depending on LED type)
- **Power Consumption:** 3.4W/3.7W (1W), 3.4W/4.7W (K2-350mA), 7.6W/9.4W (K2-700mA) typ./max.

**SYSTEM SPECIFICATIONS**

- **Power/Data Interface:** TX CONNECT XB Indoor
- **Control:** DMX512 or standalone control by preset programs on LED Engine XB-SD
- **Power Supply:** LED Engine XB-SD



**PROPOSED SERVICE INSTALLATION  
POLE TOP MOUNTED TRANSFORMER**

**XB SPOT LIGHT**

**PRODUCT SPECIFICATIONS**

- **Model:** DO MA 7014200 - String RGB
- **Light Source:** 144 High Intensity Osram SMD Warm White LEDs on each string. Total up to 48 Dots on each string.
- **Lumens:** 4.8lm per dot
- **Luminance:** 450cd/m<sup>2</sup>
- **Color Range:** 16.7 Million additive RGB colors
- **Color Resolution:** 3 x 8-bit (RGB) per pixel
- **Viewing Angle:** 120°
- **Cover Lens:** Optional Plastic Globe
- **LED Pitch:** 814mm / 36"
- **Housing:** Thermoplastic Polyurethane Elastomer
- **Adjustment Options:** Flexible black cable
- **Size:** 16mm x 17mm (H) / 0.63" x 0.67" (Dot)
- **Weight:** 450g/0.99lbs (per string), 1.5kg/3.3lbs (Distributor Box)
- **Regulatory Listing & Safety Approval:** ETL
- **Operating Temperature:** -20°C to 50°C (-4°F to 122°F)
- **Storage Temperature:** -40°C to 70°C (-40°F to 158°F)
- **Rating:** Outdoor (IP67 rated)
- **Humidity:** 0 to 90%

**ELECTRICAL SPECIFICATIONS**

- **Operating Voltage:** 48V DC
- **Power Consumption:** 100W max. (Distributor Box and 2 Strings)

**SYSTEM SPECIFICATIONS**

- **Power/Data Interface:** TX CONNECT
- **Control:** DMX or e plx
- **Power Supply:** LED Engine 100W 48V
- **Addressing Options:** Auto-Addressing

**NOTE:**

ALL REFERENCE TO A PARTICULAR MANUFACTURER IS FOR GENERAL PURPOSES AND THAT AN ENGINEER APPROVED EQUAL IS ACCEPTABLE.

**MEDIA DOT STRING LIGHT**

**LED LIGHTING DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1026	10-00116-00-SW	COOK	40	31
CONTRACT NO.			63654	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-TE-001(825)				

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DESIGNED - ELS	REVISED -
DRAWN - MK, DMM	REVISED -
CHECKED - ELS	REVISED -
DATE - 11-02-11	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**