







─ LUMINAIRE RING

## FRONT VIEW N.T.S.

**LUMINAIRE RING TERMINAL BOX** 

SIDE VIEW N.T.S.

CONDUIT HUB -

## **NOTES**

- 1. LUMINAIRE WIRES SHALL EXTEND 24 INCHES (609mm) LONGER THAN THE RESPECTIVE TENON ARM AND SHALL BE TRAINED BACK INTO THE ARM WHICH SHALL THEN BE CLOSED WITH A CAP AS SPECIFIED ALL WIRES SHALL BE CAPPED WITH HEAT SHRINK INSULATING BOOTS, CRIMP CAPS ARE UNACCEPTABLE. ALL RING WIRES SHALL BE TAGGED WITH WIRE MARKERS AT BOTH ENDS THE TENON ARMS SHALL ALSO BE TAGGED CORRESPONDING TO THE WIRING CONTAINED WITHIN.
- 2. SPLICING WILL NOT BE ALLOWED WITHIN THE LUMINAIRE RING.
- 3. ALL TOWER SHAFT HARDWARE, SUCH AS GROUND LUGS, JUNCTION BOXES, HARDWARE FOR THE HANDHOLE DOOR, INCLUDING THE HANDLE/LATCH MECHANISM, HINGE AND DOOR STOP, SHALL BE STAINLESS STEEL. ALL CONDUIT AND CONDUIT FITTINGS SHALL BE PVC COATED GALVANIZED STEEL.
- 4. ALL MULTI-CONDUCTOR CABLES SHALL BE FITTED WITH A HEAT-SHRINK MULTI-LEG BOOT. THE BOOT SHALL MEET MILITARY SPECIFICATION MIL-I-81765/1.

	USER NAME = footemj	DESIGNED -	REVISED - R. TOMSONS 09-02-10	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGH MAST LIGHT TOWER	F.A. RTF	SECTION	COUNTY TOTAL SHEET
		DRAWN -	REVISED - R. TOMSONS 02-27-13		100 FT TO 160 FT (30 m TO 49 m)			3112213 116.
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. TOMSONS 04-29-16				BE-500	CONTRACT NO.
	PLOT DATE = 4/19/2019	DATE -	REVISED - R. TOMSONS 07-26-16		SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.		ILLINOIS F	ED. AID PROJECT