



NOTES

- (1) Level luminaire in accordance with manufacturer's instruction.
- (2) For tangent and angle changes up to 5° use light duty 5680-000048. For angle changes between 5° and 25°, use heavy duty 5680-000261.
- (3) May be reduced if necessary, but not less than 6".
- (4) Pole must be at least 4' from a fire hydrant.
- (5) Poured-in-place foundation must cure for 14 days before erecting pole.
- (6) NESC rules 215C1, 231.
- (7) Maximum span length: 170'
- (8) Install driven ground rod if precast foundation is used.
- (9) Caution: Precast may not be used for angle change greater than 5°.
- (10) Caution: If precast foundation is used, earth must be compacted in 6" lifts.
- (11) Caution: Deadends must be guyed.
- (12) For 28'-6" aluminum light duty pole 5680-000048 no breakaway base is required. Unit has this feature built into it.

REFERENCES

- (1) See DS-12-1.0 Lamp and Photo-Control Identification Coding
- (2) See DS-12-14.0 Foundation Detail-Arterial Street Light
- (3) See DS-12-17.0 Precast Street Light Foundation
- (4) See DS-18-20.0 Ground Assembly

Grounding Detail

Material List			
Item	Quan	Description	Stock #
A	1	28' 6" Aluminum Pole (Heavy/Light)	5680-
B		6' Aluminum Arm	5975-268813
C		250W HPS Cutoff Luminaire	0000-000516
D		250W HPS Lamp	6240-312717
E	2	5 kV Gray Pin Insulator	5970-252796
F	1	Double Feeder Pin Arm	5975-260224
G	2	#4 Line Tie	5975-262352
H	16	#8 CU Insulated Black Wire	6145-000292
J	1	5/8" x 8' Ground Rod	5975-258368
K	6'	#6 CU Wire	6145-002496
L	1	5/8" Ground Rod Clamp	5935-232784
M	1	Street Light Pole Grounding Lug	5935-236942
N	1	Precast Street Light Foundation	5975-269233
P	1	9" Breakaway Base	5680-000600
Q		Shorting Cap	7000-192500
		Poured-in-Place Foundation	DS-12-14.0