

APPROVED MATERIALS LIST FOR
STREET LIGHTING

STREET LIGHT POLES

Type 301

Hapco B84165-001
Valmont 21-3030XCT0745/OP301

Type 302

Hapco
Valmont 31-30312CT0860/OP302

Type 303

Hapco B84165-006
Valmont 22-30308CT0804/OP303

Type 402

Hapco 79636-002, 79636-004
Valmont 31-403XXDT0860/OP402

Type 403

Hapco 80061-003 & 80061-004
Valmont 32-403XXDT1060/OP403

6' Bracket Arms

Hapco B84165-001 & B84165-006
Valmont Drawing No. KS-77

10' Bracket Arms

Hapco 79636-002 & 80061-004
Valmont Drawing No. KS-80

15' Bracket Arms

Hapco 79636-004, 80061-003
Valmont Drawing No. KS-82

11" Break-Away Base

Akron Foundry TB6-9" Drawing No. A79402
Valmont CS-300

15" Break-Away Base

Akron Foundry TB5-9" Drawing No. A79236
Valmont CS-370

SCREW-IN ANCHOR FOUNDATION

Type T1

AB Chance T112-0291
J.H. Botts JHB660-912

Type F1

AB Chance..... T112-0293
J.H. Botts.....JHB860-912

Type F2

AB Chance..... T112-0294
J.H. Botts.....JHB860-912

LED LUMINAIRES

Type Z LED Luminaires

American Electric Lighting (AEL)..... ATB2-80BLEDE10-MVOLT- R2-IL-P7-AO-SH
Photometric File.....ATB2_80BLEDE10_XXXXX-R2_4K_5K.ies
Light Loss Factor (LLF) 1.0 (no adjustment to light output)

Type A LED Luminaires

American Electric Lighting (AEL)..... ATB2-80BLEDE10-MVOLT- R2-IL-P7-AO-SH
Photometric File.....ATB2_80BLEDE10_XXXXX-R2_4K_5K.ies
Light Loss Factor (LLF) 0.70 (light output adjusted to 70% of initial lumens)

Type C LED Luminaires

American Electric Lighting (AEL)..... ATB2-80BLEDE10-MVOLT- R2-IL-P7-AO-SH
Photometric File.....ATB2_80BLEDE10_XXXXX-R2_4K_5K.ies
Light Loss Factor (LLF) 0.40 (light output adjusted to 40% of initial lumens)

Type D LED Luminaires

American Electric Lighting (AEL)..... ATB0-30BLEDE10-MVOLT-R2-IL-P7-AO-SH
Photometric File.....ATB0_30BLEDE10_XXXXX-R2_4K_5K.ies
Light Loss Factor (LLF) 1.0 (no adjustment to light output)

CONDUIT

PVC Conduit

Cantex A52CA12 and A52DA12
Carlton..... 49011 and 49013
Heritage Plastics 8108 and 8112

PVC Conduit Fittings

Cantex5133828 and 5133830
Carlton..... UA9AJ and UA9AL
Heritage Plastics802771 and 802773

HDPE Conduit

ARNCO Perma-Guard/UL
Carlton.....A13C6NENNA
Dura-Line..... Smooth Solid Wall SDR11

HDPE to PVC Couplings

Comfit Corp Comfit Coupling
ETCO Specialty Products E-Loc Coupling
Tyco Electronics..... MOON-Link Coupling

BOXES

Type 1 Junction Box

Armorcast..... A6001423TA (open bottom)
Hubbell Power Systems PC1212BA12 and PC1212HA0041
New Basis PCA12121212-00150

Type 2 Junction Box

Armorcast..... A6001429TA (open bottom)
Hubbell Power Systems PG1118BA12 and PG1118HA0041
New Basis PCA111812-00150

Class 1 Pull Box

Armorcast.....A6001640TAPCX22 (open bottom)
Hubbell Power Systems PG1730BA22 and PG1730HA0041
New Basis PCA173024-20072

CABLE

Distribution Cable

Advanced Digital Cable.....304, 306, and 308
Cerrowire 1201-40, 1201-42, and 1201-44
Service Wire Co..... USE4, USE6, and USE8

Pole and Bracket Cable

Advanced Digital Cable..... 8503
Belden 601431
Service Wire Co..... TCXH12/3

Ground Wire

Advanced Digital Cable.....BC06 and BC04
Cerrowire 050-220x and 050-2400x
Service Wire Co..... BS0S4 and BS0S6 (Soft Drawn)

CONNECTORS

Multiple Tap Connectors

Burndy 1PLD43
Morris Products..... 97613

Greaves

Break-Away Disconnects

Eaton Bussmann HEB-KW-RLC-J and HEB-JW-RLC-J

Fuses

Cooper BussmanKTK-8
Ferraz Shawmut ATM8

Ferrule

SERVICE ENCLOSURES

1-Circuit

Myers Electrical Products MET2-VLM-LTS-R
Pacific Utility Products USPR-100-112C-LT

4-Circuit

Myers Electrical Products MEUG16AR-M100
Pacific Utility Products USP16R-M2100-112C-AL

Photoelectric Cells

American Electric Lighting (AEL) DPR124-2.6-TJBK
Area Lighting Research (ALR) SST-PV-IES

MISCELLANEOUS

Ground Rod

Erico 635800
Hubbell Power Systems C615800
ITT Blackburn 6260

Grounding Clamp

Burndy GRC58
Erico CP58
ITT Blackburn G5

Conduit Markers

Electrical Midwest