











Streetlights

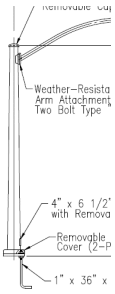
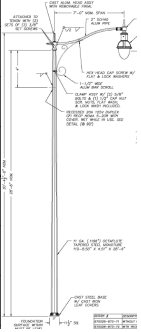
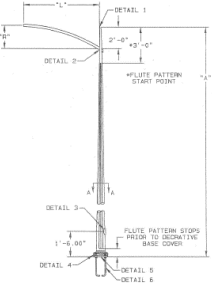
	Manufacturer	Series	Model Number	BUG Rating	Pole usually used	Bolt Circle
	Philips	Road Focus	RFS-54W16LED3K-G2-R2M-UNV-DMG-[API-226]-API2011-RCD7-GY3 (53 watt wattage label)	B2-U0-G1	Ameron PL284,286	11"
			RFS-72W32LED3K-G2-R3M-UNV-DMG-[API-226]-API2011-RCD7-GY3 (73 watt wattage label)	B2-U0-G2	Ameron PL284,286	11"
			RFM-108W48LED3K-G2-R3M-UNV-DMG-[API-226]-API2011-RCD7-GY3 (106 watt wattage label)	B3-U0-G2	Ameron PL284,286	11"
			RFL-145W64LED3K-G2-R3M-UNV-DMG-[API-226]-API2011-RCD7-GY3 (137 watt wattage label)	B3-U0-G2	Ameron PL284,286	11"
	Holophane	Memphis	100HPSeq-MPL2-P10S-30K-AS-RAL-TG-3-P-P7PCLLN2X2-LT3HSS90 (57W)	B1-U3-G3	SF(27)	14"
			150HPSeq-MPL2 P20S 30K AS RAL5011 TG 3 P P7 PCLL NL2X2 LT3HSS90 (83W)	B2-U3-G3	SF(27)	14"
			MPL2 P30S 30K AS RAL5011 TG 3 P P7 PCLL NL2X2 LT3HSS90 (118W)	B2-U3-G3	SF(27)	14"
	Philips	Renaissance	[RNS20-008]-35W32LED3KT-T-ACDR-LE2-UNIV-DMG-HS-RCD7-BKTX (pedestrian scale only)	B1-U2-G1	N-99-A680/N70028-B91	11.5"
			RN20-55W32LED3K-T-ACDR-LE2R-UNV-DMG-SMB-HS-RCD7-BKTX	B1-U3-G1	N-99-A680/N70028-B91	11.5"
			RN20-80W48LED3K-T-ACDR-LE3R-UNV-DMG-SMB-HS-RCD7-BKTX	B2-U3-G2	N-99-A680/N70028-B91	11.5"
			RN20-108W48LED3K-T-ACDR-LE3R-UNV-DMG-SMB-HS-RCD7-BKTX	B2-U3-G2	N-99-A680/N70028-B91	11.5"
			RN20-145W64LED3K-T-ACDR-LE3R-UNV-DMG-SMB-HS-RCD7-BKTX	B2-U3-G2	N-99-A680/N70028-B91	11.5"

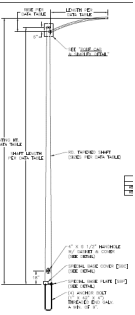
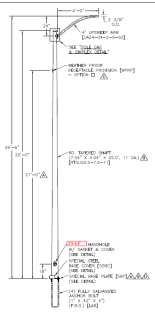

	Manufacturer	Series	Model Number	BUG Rating	Pole usually used	Bolt Circle
Pedestrian Lights						
	Holophane	Granville III	100HPSeq-GVD3 P20 30K MVOLT MS GL3LU BK PR7 PCLL GVDHSL90	B2-U3-G2	FL210	10"-11"
			150HPSeq-GVD3 P30 30K MVOLT MS GL3LU BK PR7 PCLL GVDHSL90	B3-U3-G3	FL210	10"-11"
	Holophane	Washington	100HPSeq-WSE2 P30 30K AS BK 3 BK 4 NL1X1 PCLL P7 WLEDHSS90	B2-U5-G4	FL210	10"-11"
			150HPSeq-WSE2 P40 30K AS BK 3 BK 4 NL1X1 PCLL P7 WLEDHSS90	B2-U5-G4	FL210	10"-11"
	Philips	Optima	[OT20-006]-72W32LED3K-G2-ACDR-LE3A-UNV-DMG-DF20-[FAWS-070]-HS-RCD7-BKTX	B2-U3-G2	SM6N-007	9.5"-11.5"

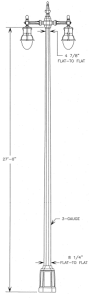
	Manufacturer	Series	Model Number	BUG Rating	Pole usually used	Bolt Circle
	Philips	Serenade	[S56-023]-72W32LED3K-G3-ACDR-LE3W-UNV-DMG-SFX-[FAWS-071]-FN9-HS-PHXL-[RCD7-006]-TN3-BKTX	B2-U3-G2	Union Metal 16ft fluted pole N1122-68-B60	11.5" Bolt Circle
	Philips	UrbanScape	[MPTC-028]-[72W32LED3K-007]-G3-LE3-UNV-DMG-[FAWS-068]-HSRCD7-GY3TX	B1-U0-G1	KW 16ft Pole RSP16	10.5" with 14" cover
[MPTC-C-006]-140L1675WW-G1-3-UNV-DMG-[FAWS-069]-RCD7-GY3TX			B2-U0-G2	KW 16ft Pole RSP16	10.5" with 14" cover	

Streetlight Poles


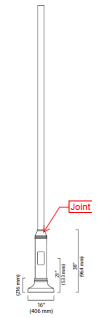
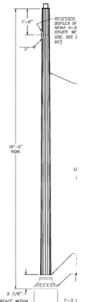
	Manufacturer-Model	Pole Height	Arm	Bolt Circle	Material
	<p>Ameron Contemporary Series 1C3 prestressed, spun-cast concrete lighting poles</p>	<p>25 and 28 feet</p>	<p>Post Top or Mast Arm</p>	<p>15.25</p>	<p>Concrete</p>
	<p>Ameron 2B2- Decorative Base Round Pole</p>	<p>26'-7"</p>	<p>Post Top or Mast Arm</p>	<p>14</p>	<p>Concrete</p>
	<p>Ameron- Contemporary Series 5B1 Octagonal Pole</p>	<p>26-6", 29'</p>	<p>Post Top or Mast Arm</p>	<p>23</p>	<p>Concrete</p>


	Manufacturer-Model	Pole Height	Arm	Bolt Circle	Material
	<p>Ameron Steel Pole, PL254, PL256, PL284,286,308</p>	<p>25 feet (4' Arm),25' (6'arm)28.5 feet (4' Arm),28.5' (6'arm), 30' (8' arm)</p>	<p>Single Elliptical Arm 4',6',8'</p>	<p>10-11.5</p>	<p>Steel</p>
	<p>Union Metal- N70028, Round Fluted and Tapered</p>	<p>29'</p>	<p>Single, Duel 7'</p>	<p>11.5</p>	<p>Steel</p>
	<p>Valmont-DB00125 Round and Tapered</p>	<p>16', 25' 28.5'</p>	<p>Single-1.83', 4', 6'</p>	<p>10.75</p>	<p>Steel</p>

	Manufacturer-Model	Pole Height	Arm	Bolt Circle	Material
	KW 30ft Poles-010-2002121609	28.5'	4', 6'	10.5-11.5	Steel
	KW 25ft Pole- RTDU26.5-7.5-11-G-14S2-WPRP-SBP-SSBC-LAB	25'	4'	10.5-11.5	Steel
	SF(27)OTS-11GA-HDG-RAL 5011(POWDER COAT), SF20CSBCIRAL, SFC24/1RAL5011 AB-28-4RFD245853	27	4.5"X5" Tenon	14	steel

	Manufacturer-Model	Pole Height	Arm	Bolt Circle	Material
	SF(27)OTS(8.75J)-HDGS/RAL CSB20-CI/RAL SFC48CARAL AB RFD249403	27	4.5"X5" Tenon	14	steel

Pedestrian Poles

	Manufacturer-Model	Pole Height	Arm	Bolt Circle	Material
	KW RSP16-5.56-7-kz41-4X4-SF35HH-SBP-RBC-LAB	16ft	Tennon 4" dia	10.5	Metal
	Lumec SM6N-16; Round and Bottleneck	16	Tennon 4" dia	10.5	Steel
	Union Metal N1122-68-B60- Round Flat Tapered	16	Tennon 3" dia	11-11.5	Steel

	Manufacturer-Model	Pole Height	Arm	Bolt Circle	Material
 A technical drawing of a utility pole. It shows a vertical pole with a cross-arm at the top. Dimension lines indicate the total height of the pole and the height of the cross-arm. The pole is mounted on a base.	FL210-700A150-P9-HH-FPGV-LAB-FST SLOTTED BC 10" TO 11"	16	3X3	10"-11"	Steel

Streetlight Boxes			
Manufacturer: Old Castle			
N16	N16Box	N16R Lid	N90 Bolt down kit
N36	N36 Box	N36R Lid	N90 Bolt down kit
Traffic Rated B1017	Galvanizing, bolt locking, EMS Marker-STREETLIGHT		

Conduit
1.5" RGS

Fuses	
Manufacturer: Busmann	
10A	Busmann FNM10-10
40A/60A	SC-40 and SC-60

Fuse Holder	
Manufacturer: Busmann	
240V (2 phase)	
	Conductor sizes
HEX-AA	#10 and #8
HEX-BB	#8 to #6
HEX-CC	#4
120V(single)	
	Conductor sizes
HEB-AA	#10 and #8
HEB-BB	#8 to #6
HEB-CC	#4
Main (single buy 2 for 240V services)	
	Conductor sizes
HEJ-AA	#8
HEJ-BB	#8 to #6
HEJ-CC	#4

Revision Date	7/1/2021
Standards Engineer	R. Huang
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