



Angela D. Alsobrooks
County Executive

PRINCE GEORGE'S COUNTY GOVERNMENT

Department of Public Works and Transportation
Office of the Director



Michael D. Johnson, P.E.
Acting Director

TECHNO-GRAM 001-2023

Effective March 2, 2023, all streetlights under permit need to adopt the revised DPW&T Specifications & Standards for LED street lighting (enclosed).

This applies to all new developments and/or frontage improvements along existing roadway within the public right-of-way

These revised street lighting tables should be used for each utility company prior to permit plan approval.

Contact Information

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LUMINAIRE AND SUPPORT GUIDE FOR POTOMAC ELECTRIC POWER COMPANY (PEPCO)

DPW&T Std. No.	Road Classification	* Lamp LED Equivalent	Luminaire Distribution Type	Post Material Installation	Spacing Avg./Max.	Configuration	Road Width
500.01	Urban Arterial Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Opposite	106'
500.02	Urban Major Collector Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Opposite	76'
500.03	Urban 4-Lane Collector Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Staggered	56'
500.04	Urban 5-Lane Collector Road	250 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Opposite	67'
500.05	Urban Commercial/ Industrial Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Staggered	46'
500.06	Urban Primary Residential Road (46' Width)	150 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Staggered	46'
500.06	Urban Primary Residential Road (36' Width)	100-150 WHPS	Colonial Post Top Type III	Aluminum Base Mounted	150'/170'	Staggered	36'
500.07	Urban Secondary Residential Road	100-150 WHPS	Colonial Post Top Type III	Aluminum Base Mounted	150'/170'	Staggered	26'
500.08	Rural 4-Lane Arterial Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Opposite	96'
500.09	Rural 2-Lane Collector Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Staggered	44'
500.10	Rural Residential Road	100-150 WHPS	Colonial Post Top Type III	Aluminum Base Mounted	150'/170'	Staggered	36'
500.11	Rural 4-Lane Collector Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Wood Utility Poles	150'/170'	Opposite	68'

* Note: LED wattage varies by Utility Company & Manufacturing Company

LUMINAIRE AND SUPPORT GUIDE FOR BALTIMORE GAS & ELECTRIC (BGE)

DPW&T Std. No.	Road Classification	* Lamp LED Equivalent	Luminaire Distribution Type	Post Material Installation	Spacing Avg./Max.	Configuration	Road Width
500.01	Urban Arterial Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Opposite	106'
500.02	Urban Major Collector Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Opposite	76'
500.03	Urban 4-Lane Collector Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Staggered	56'
500.04	Urban 5-Lane Collector Road	250 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Opposite	67'
500.05	Urban Commercial/ Industrial Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Staggered	46'
500.06	Urban Primary Residential Road (46' Width)	150 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Staggered	46'
500.06	Urban Primary Residential Road (36' Width)	100-150 WHPS	Colonial Post Top Type III	Aluminum Base Mounted	150'/170'	Staggered	36'
500.07	Urban Secondary Residential Road	100-150 WHPS	Colonial Post Top Type III	Aluminum Base Mounted	150'/170'	Staggered	26'
500.08	Rural 4-Lane Arterial Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Opposite	96'
500.09	Rural 2-Lane Collector Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Staggered	44'
500.10	Rural Residential Road	100-150 WHPS	Colonial Post Top Type III	Aluminum Base Mounted	150'/170'	Staggered	36'
500.11	Rural 4-Lane Collector Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Wood Utility Poles	150'/170'	Opposite	68'

* Note: LED wattage varies by Utility Company & Manufacturing Company

LUMINAIRE AND SUPPORT GUIDE FOR SOUTHERN MARYLAND ELECTRIC COOPERATIVE (SMECO)

DPW&T Std. No.	Road Classification	*Lamp LED Equivalent	Luminaire Distribution Type	Post Material Installation	Spacing Avg./Max.	Configuration	Road Width
500.01	Urban Arterial Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Opposite	106'
500.02	Urban Major Collector Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Opposite	76'
500.03	Urban 4-Lane Collector Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Staggered	56'
500.04	Urban 5-Lane Collector Road	250 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Opposite	67'
500.05	Urban Commercial/ Industrial Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Staggered	46'
500.06	Urban Primary Residential Road (46' Width)	150 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Staggered	46'
500.06	Urban Primary Residential Road (36' Width)	100-150 WHPS	Colonial Post Top Type II	Aluminum Base Mounted	150'/170'	Staggered	36'
500.07	Urban Secondary Residential Road	100-150 WHPS	Colonial Post Top Type II	Aluminum Base Mounted	150'/170'	Staggered	26'
500.08	Rural 4-Lane Arterial Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Opposite	96'
500.09	Rural 2-Lane Collector Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Aluminum Base Mounted	150'/170'	Staggered	44'
500.10	Rural Residential Road	100-150 WHPS	Colonial Post Top Type II	Aluminum Base Mounted	150'/170'	Staggered	36'
500.11	Rural 4-Lane Collector Road	400 WHPS	Pedant Cobra Head Type III, 6' arm	Black Fiberglass Direct Buried	150'/170'	Opposite	68'

* Note: LED wattage varies by Utility Company & Manufacturing Company