

PHI Smart LED Streetlight Offerings

As Proposed in Multi-Year Rate Plan Filing
October 2020



Cobra



Wattage	Pepco MD
50	√ ³
70	√ ³
100	√ ³
150	√ ³
250	√ ³
400	√ ³
1000	

- 2 - Type II Light Distribution
- 3 - Type III Light Distribution

Typical Use: General purpose roadway lighting, most common type of streetlight

Mongoose



Wattage	Pepco MD
50	
70	
100	
150	
250	√w
400	√w
1000	

W - "Wide Roadway" Light Distribution

Typical Use: Roadway lighting where light fixture cannot extend over road surface (clear space required for oversized vehicles)

Shoebox



Typical Use: Parking lot lighting

Wattage	Pepco MD
50	
70	
100	√ ³
150	√ ³
250	√ ³
400	
1000	

3 - Type III Light Distribution

Teardrop



Wattage	Pepco MD
50	
70	
100	✓ ⁵
150	✓ ⁵
250	
400	
1000	

5 - Type V Light Distribution

Typical Use: Ornate/decorative pedestrian lighting, used on boardwalks, promenades, downtown areas, etc.

Dusk to Dawn



Wattage	Pepco MD
50	
70	✓ ⁵
100	✓ ⁵
150	
250	
400	
1000	

5 Type V Light Distribution

Typical Use: Low cost all in one area lighting package, rural areas, “barn lights”.

Flood Light



Wattage	Pepco MD
50	
70	
100	
150	✓
250	✓
400	✓
1000	✓

Typical Use: General purpose area lighting, popular with car lots, storage yards, etc.

Colonial Deluxe



Wattage	Pepco MD
50	
70	✓ ^{3,5}
100	✓ ^{3,5}
150	
250	
400	
1000	

3 - Type III Light Distribution
5 - Type V Light Distribution

Typical Use: Subdivision lighting

Granville (also known as “Acorn” style)



Wattage	Pepco MD
50	
70	✓ ^{3,5}
100	✓ ^{3,5}
150	✓ ^{3,5}
250	
400	
1000	

3 - Type III Light Distribution
5 - Type V Light Distribution

Typical Use: Subdivision lighting, downtown areas, etc.

Granville w/ Ribs and Bands



Wattage	Pepco MD
50	
70	
100	√ ^{3,5}
150	√ ^{3,5}
250	
400	
1000	

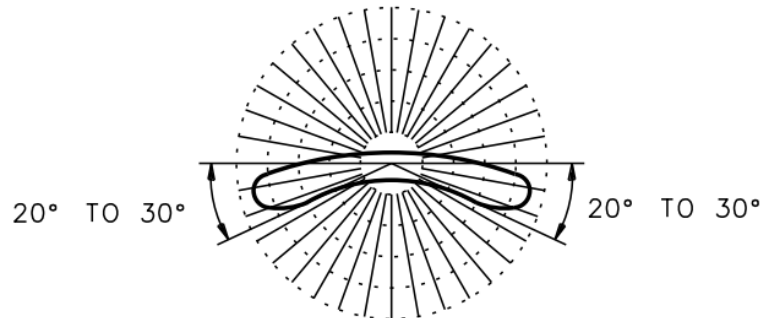
3 - Type III Light Distribution
5 - Type V Light Distribution

Typical Use: Subdivision lighting, downtown areas.

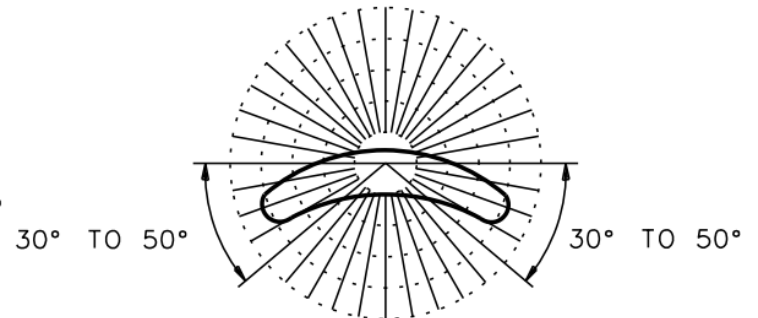
Light Distribution Types

LIGHT DISTRIBUTION PATTERNS AND MOUNTING ANGLES

HOUSE SIDE
STREET SIDE

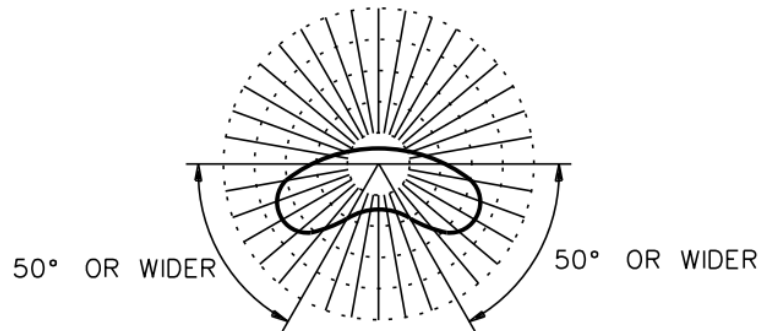


TYPE II
(NARROW ASYMMETRIC)

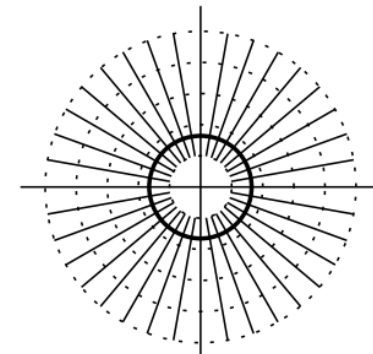


TYPE III
(MEDIUM ASYMMETRIC)

HOUSE SIDE
STREET SIDE



TYPE IV
(WIDE ASYMMETRIC)



TYPE V
(SYMMETRIC)