

EPA 1.41 (ft<sup>2</sup>) WEIGHT 35 LBS





LUMEN

LIFE SPAN 170 MINIMUM 100,000 **HOURS** 







JOB NAME

FIXTURE TYPE

**MEMO** 

#### **BUILD A PART NUMBER**

#### ORDERING EXAMPLE: 2A-G74LED-5P-4L40T3-MDL05-G-PEC-FHD/480PM/4212FP4/FCC/BKT

| Mounting<br>Config. | Fixture | Fitter | LED | ССТ | Туре | Driver | Lens | Option<br>Control<br>Receptacle | Option<br>Control | Option<br>Fuse | Option<br>Decorative Ring | Option<br>GFI | Option<br>Terminal<br>Block | Arm<br>See Arm Spec<br>Sheets | Pole<br>See Pole Spec<br>Sheets | Finish |
|---------------------|---------|--------|-----|-----|------|--------|------|---------------------------------|-------------------|----------------|---------------------------|---------------|-----------------------------|-------------------------------|---------------------------------|--------|
|                     |         |        |     |     |      |        |      |                                 |                   |                |                           |               |                             |                               |                                 |        |

#### **Mounting Configuration**

(Click here to view mounting configuration sheet)

• 1W 2A · 3A90 1AM · 2A90 3APT • PT 2AM • 1A 2APT • 4A 450PB

• IAPT •3A 4APT

W = Wall Mount PT = Post Top A = Arm Mount AM = Arm Mid-Mount PR = Pier Base

#### **Fixture**

• G74LED • G74SRLED

#### **Fitter**

• 5P1 • 991 • 9951 • OL3 • 9921 • BD4 • OI 4 • 73 • 74 • 9931 • BD5 • 588 • C2097<sup>1,2</sup> • 9901 • 994 • BD7

Add "T" after fitter designation for optional "twist-lock" fitter.

<sup>2</sup> Consult factory for use on concrete poles

#### **LED**

#### • 4L

#### **CCT - Color Temperature (K)**

• 27(00) • 30(00) • 40(00) • 50(00)

#### **Type**

• T5 • T3

#### **Driver**

- MDL02 (120v-277v, 250mA)
- MDL03 (120v-277v, 350mA)
- MDL05 (120v-277v, 525mA)

#### • MDL06 (120v-277v, 630mA)

- MDH02 (347v-480v, 250mA)
- MDH03 (347v-480v, 350mA)
- MDH05 (347v-480v, 525mA)
- · MDH06 (347v-480v, 630mA)

#### • G (Glass Lens)

#### Options (Click here to view accessories sheet)

- R<sup>3</sup> 3-Pin control receptacle only
- R53 5-Pin control receptacle only
- R7<sup>3</sup> 7-Pin control receptacle only
- PE4 Twist-Lock Photocontrol (120v-277v)
- PE34 Twist-Lock Photocontrol (347v)

- PE44 Twist-Lock Photocontrol (480v)
- SC<sup>4</sup> Shorting Cap
- PEC Electronic Button Photocontrol (120v-277v)
- PEC4 Electronic Button Photocontrol (480v)
- FHD⁵ Dual Fuse & Holder
- PBDR<sup>6</sup> Perforated Brass Decorative Ring
- GFI3 GFI-Duplex 15 amp for 990 Fitter
- TB3 Terminal Block
- 3 For 900 series utility fitter only
- Requires control receptacle.
- <sup>5</sup> Ships loose for installation in base.
- <sup>6</sup> Standard is polished, for painted ring specify PBDR-P.

#### **Arm** (Click here to link to arm specification page)

See Arms & Wall Brackets specification sheets.

• 50 • 478 • 80 • 55 • 579 TASCR • 480 • 6236 • 70 BA

### Pole (Click here to link to pole specification page)

See Pole specification sheets.

#### Finish (Click here to view paint finish sheet) Standard Finishes<sup>7</sup>

# BIKT Black Textured

- · WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured
- <sup>7</sup>Smooth finishes are available upon request.

#### Custom Finishes<sup>8</sup>

- CM Custom Match
- OI Old Iron
- •RT Rust
- · WBR Weathered Brown
- ·CD Cedar
- · WBK Weathered Black
- TT Two Tone
- <sup>8</sup>Custom colors require upcharge.

#### **Sternberg Select Finishes**

- · VG Verde Green • SI Swedish Iron
- · OWGT Old World Gray Textured

# **Specifications**

#### **Fixture**

The G74LED Hometown series is a nostalgic 1920's glass acorn fixture with distinct styling which consists of a decorative cast aluminum fitter and a high efficiency prismatic glass acorn. The Luminaire shall be UL listed in US and Canada.

#### Fitter - Standard

The fitter shall be heavy wall cast aluminum, 356 alloy for high tensile strength. It shall have an 9-3/8" inside diameter opening to attach to the 9" neck of the acorn globe. When ordered with a Sternberg aluminum pole, the fitter shall be welded to the pole top or tenon for safety and to ensure the fixture will be plumb, secure and level over the life of the installation. The fitter shall have a one-piece ring bug gasket to resist insect penetration into lamp assembly.

#### 900 Series Utility Fitter Option

The fitter shall be heavy wall cast aluminum, 360 die cast alloy for high tensile strength. It shall have a 9-1/4" inside diameter opening to attach to the 9" neck of the acorn globe. It shall have a hinged, tool-less entry door that provides open access to all of the components. The 990 shall have an optional terminal block for ease of wiring, an optional Twist-Lock Photocell receptacle, an optional single GFCI outlet for auxiliary power needs. The top mounted driver mounting plate shall be cast aluminum and provide tool-less removal from the housing using 2 finger latches. When ordered with a Sternberg aluminum pole, the fitter shall be set screwed to the pole top or tenon. The fitter shall have a one-piece ring bug gasket to resist insect penetration into lamp assembly. When supplied with GFI receptacle a hole will be provided for cord and plug installation with the access door closed. When cord and plug is not in use a filler plug will be provided and shall be tethered to the fitter for easy recovery and installation.

See next paae



800-621-3376 555 Lawrence Ave., Roselle, IL 60172 info@sternberglighting.com www.sternberglighting.com



#### **Twist-Lock Fitter (Optional)**

The TL (Twist-Lock) fitter shall have an aluminum die-cast twist-lock mechanism. The tool-less 1/4 turn action allows for easy globe removal and replacement. A die-cast ring assembly is mechanically attached to the globe and is removable if the globe is broken or replaced.

#### LED's

The luminaire shall use high output, high brightness LED's. The LED's and printed circuit boards shall be 100% recyclable, they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 100,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4000K (2700K, 3000K or 5000K option) color temperature with a minimum of 70 CRI. Consult factory for custom color CCT. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

#### **Optics**

The luminaire shall be provided with individual, glass, refractor type optics from external pristmatic acorn. Testing shall be done in accordance with IESNA LM-79.

#### **Electronic Drivers**

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the fixture, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload as well as short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be dimmable using a O-IOv signal.

**For sources over 50w:** The driver shall have a minimum efficiency of 90%. The driver shall be rated at full load with THD<20% and a power factor of greater than 0.90. The driver shall contain over-heat protection.

For sources under 50w: The driver shall have a minimum efficiency of 88%.

#### **Photocontrols**

Button Style: On a single assembly the photocontrol shall be mounted on the fixture and pre-wired to driver. On multiple head assembly's the photocontrol shall be mounted in the pole shaft on an access plate. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

Twist-Lock Style: The photocontrol shall be mounted in the utility fitter and pre-wired to driver. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

#### Warranty

Seven-year limited warranty. See product and finish warranty guide for details.

#### **Finish**

Refer to website for details.

#### **Performance**

| LIGHT SOURCE | T3 INITIAL LUMENS | EFFICACY (LPW) | T5 INITIAL LUMENS | EFFICACY (LPW) | WATTAGE |
|--------------|-------------------|----------------|-------------------|----------------|---------|
| 4L27TMDL06   | 8380              | 85.5           | 9180              | 93.7           | 98      |
| 4L30TMDL06   | 9260              | 94.5           | 10140             | 103.5          | 98      |
| 4L40TMDL06   | 9565              | 97.6           | 10475             | 106.9          | 98)     |
| 4L27TMDL05   | 6950              | 92.7           | 7605              | 101.4          | 75      |
| 4L30TMDL05   | 7675              | 102.4          | 8400              | 112.0          | 75      |
| 4L40TMDL05   | 7930              | 105.8          | 8675              | 115.7          | 75      |
| 4L27TMDL03   | 5475              | 99.6           | 5950              | 108.2          | 55      |
| 4L30TMDL03   | 6050              | 110.0          | 6570              | 119.5          | 55      |
| 4L40TMDL03   | 6250              | 113.7          | 6790              | 123.5          | 55      |
| 4L27TMDL02   | 4065              | 101.7          | 4400              | 110.0          | 40      |
| 4L30TMDL02   | 4490              | 112.3          | 4860              | 121.5          | 40      |
| 4L40TMDL02   | 4640              | 116.0          | 5020              | 125.6          | 40      |

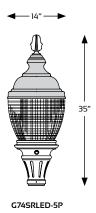




## **Fixtures**







#### **Fitters**

10-1/8" W 10-3/8" H



5P or 5T\* Fits 3" OD x 3" tall tenon/pole

10-1/8" W 10-1/8" H



BD4 Fits 4" OD x 5" tall tenon/pole

10-1/8" W 10-1/4" H



BD5 Fits 5" OD x 6" tall tenon/pole

10-1/8" W 11-3/4" H



BD7 Fits 7" OD x 1" tall tenon/pole

9-3/4" W 13-1/4" H



73
Fits 3" OD
x 4" tall
tenon/pole
74
Fits 4" OD
x 4" tall
tenon/pole

14-1/2" W 14-1/4" H



(Art Deco I) Fits 3" OD x 3" tall tenon/pole

10-1/2" W 15-3/4" H



990 or 990T\*
Fits 3" OD
x 3" tall
tenon/pole
994 or 994T\*
Fits 4" OD
x 3" tall
tenon/pole

10-1/2" W 13-1/8" H



991 or 991T\* Fits 3" OD x 3" tall tenon/pole

10-1/2" W 13-1/8" H



992 or 9927' Fits 3" OD x 3" tall tenon/pole

10-1/2" W 15-3/4" H



993 or 993T\*
Fits 3" OD
x 3" tall
tenon/pole
995 or 995T\*
Fits 4" OD
x 3" tall
tenon/pole

10-1/2" W 11-3/8" H



OL3
Fits 3" OD
x 3" tall
tenon/pole
OL4
Fits 4" OD
x 3" tall
tenon/pole

10" W 3-1/4" H



C2097 or C2097T\* Fits 7" OD x 1" tall tenon/pole

\*Twist Lock Acorn (Fitter TL)





EPA 1.41 (ft<sup>2</sup>) WEIGHT 35 LBS





LUMEN

LIFE SPAN 170 MINIMUM 100,000 **HOURS** 





CLICK

JOB NAME

FIXTURE TYPE

**MEMO** 

#### **BUILD A PART NUMBER**

#### ORDERING EXAMPLE: 2A-G74LED-5P-4L40T3-MDL05-G-PEC-FHD/480PM/4212FP4/FCC/BKT

| Mounting<br>Config. | Fixture | Fitter | LED | ССТ | Туре | Driver | Lens | Option<br>Control<br>Receptacle | Option<br>Control | Option<br>Fuse | Option<br>Decorative Ring | Option<br>GFI | Option<br>Terminal<br>Block | Arm<br>See Arm Spec<br>Sheets | Pole<br>See Pole Spec<br>Sheets | Finish |
|---------------------|---------|--------|-----|-----|------|--------|------|---------------------------------|-------------------|----------------|---------------------------|---------------|-----------------------------|-------------------------------|---------------------------------|--------|
|                     |         |        |     |     |      |        |      |                                 |                   |                |                           |               |                             |                               |                                 |        |

#### **Mounting Configuration**

(Click here to view mounting configuration sheet)

- 2A • 1W · 3A90 1AM PT • 2A90 3APT 2AM • 1A 2APT • 4A 450PB
- IAPT 4APT 3A

W = Wall Mount PT = Post Top A = Arm Mount AM = Arm Mid-Mount PR = Pier Base

#### **Fixture**

• G74LED • G74SRLED

#### **Fitter**

- 5P1 • 991 • 9951 • OL3 • 9921 • BD4 • OI 4 • 73 • 74 • 9931 • BD5 • 588 • C2097<sup>1,2</sup> • 9901 • 994 • BD7
- Add "T" after fitter designation for optional "twist-lock" fitter. <sup>2</sup> Consult factory for use on concrete poles

#### **LED**

#### • 4L

#### **CCT - Color Temperature (K)**

• 27(00) • 30(00) • 40(00) • 50(00)

#### Type

• T3 • T5

#### **Driver**

- MDL02 (120v-277v, 250mA)
- MDL03 (120v-277v, 350mA)
- MDL05 (120v-277v, 525mA)

#### • MDL06 (120v-277v, 630mA)

- MDH02 (347v-480v, 250mA)
- MDH03 (347v-480v, 350mA)
- MDH05 (347v-480v, 525mA)
- · MDH06 (347v-480v, 630mA)

#### • G (Glass Lens)

#### Options (Click here to view accessories sheet)

- R<sup>3</sup> 3-Pin control receptacle only
- R53 5-Pin control receptacle only
- R7<sup>3</sup> 7-Pin control receptacle only
- PE4 Twist-Lock Photocontrol (120v-277v)
- PE3<sup>4</sup> Twist-Lock Photocontrol (347v)

- PE44 Twist-Lock Photocontrol (480v)
- SC<sup>4</sup> Shorting Cap
- PEC Electronic Button Photocontrol (120v-277v)
- PEC4 Electronic Button Photocontrol (480v)
- FHD⁵ Dual Fuse & Holder
- PBDR<sup>6</sup> Perforated Brass Decorative Ring
- GFI3 GFI-Duplex 15 amp for 990 Fitter
- TB3 Terminal Block
- 3 For 900 series utility fitter only
- Requires control receptacle.
- <sup>5</sup> Ships loose for installation in base.
- <sup>6</sup> Standard is polished, for painted ring specify PBDR-P.

#### **Arm** (Click here to link to arm specification page)

See Arms & Wall Brackets specification sheets.

• 50 • 478 • 80 • 55 • 579 TASCR • 480 • 6236 BA

## Pole (Click here to link to pole specification page)

See Pole specification sheets.

#### Finish (Click here to view paint finish sheet) Standard Finishes<sup>7</sup>

# BIKT Black Textured

- · WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured
- <sup>7</sup>Smooth finishes are available upon request.

#### Custom Finishes<sup>8</sup>

- CM Custom Match
- OI Old Iron
- •RT Rust
- · WBR Weathered Brown
- ·CD Cedar
- · WBK Weathered Black
- TT Two Tone
- <sup>8</sup>Custom colors require upcharge.

#### **Sternberg Select Finishes**

- · VG Verde Green • SI Swedish Iron
- · OWGT Old World Gray Textured

# **Specifications**

#### **Fixture**

The G74LED Hometown series is a nostalgic 1920's glass acorn fixture with distinct styling which consists of a decorative cast aluminum fitter and a high efficiency prismatic glass acorn. The Luminaire shall be UL listed in US and Canada.

#### Fitter - Standard

The fitter shall be heavy wall cast aluminum, 356 alloy for high tensile strength. It shall have an 9-3/8" inside diameter opening to attach to the 9" neck of the acorn globe. When ordered with a Sternberg aluminum pole, the fitter shall be welded to the pole top or tenon for safety and to ensure the fixture will be plumb, secure and level over the life of the installation. The fitter shall have a one-piece ring bug gasket to resist insect penetration into lamp assembly.

#### 900 Series Utility Fitter Option

The fitter shall be heavy wall cast aluminum, 360 die cast alloy for high tensile strength. It shall have a 9-1/4" inside diameter opening to attach to the 9" neck of the acorn globe. It shall have a hinged, tool-less entry door that provides open access to all of the components. The 990 shall have an optional terminal block for ease of wiring, an optional Twist-Lock Photocell receptacle, an optional single GFCI outlet for auxiliary power needs. The top mounted driver mounting plate shall be cast aluminum and provide tool-less removal from the housing using 2 finger latches. When ordered with a Sternberg aluminum pole, the fitter shall be set screwed to the pole top or tenon. The fitter shall have a one-piece ring bug gasket to resist insect penetration into lamp assembly. When supplied with GFI receptacle a hole will be provided for cord and plug installation with the access door closed. When cord and plug is not in use a filler plug will be provided and shall be tethered to the fitter for easy recovery and installation.

See next paae



800-621-3376 555 Lawrence Ave., Roselle, IL 60172 info@sternberglighting.com www.sternberglighting.com



#### **Twist-Lock Fitter (Optional)**

The TL (Twist-Lock) fitter shall have an aluminum die-cast twist-lock mechanism. The tool-less 1/4 turn action allows for easy globe removal and replacement. A die-cast ring assembly is mechanically attached to the globe and is removable if the globe is broken or replaced.

#### LED's

The luminaire shall use high output, high brightness LED's. The LED's and printed circuit boards shall be 100% recyclable, they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 100,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4000K (2700K, 3000K or 5000K option) color temperature with a minimum of 70 CRI. Consult factory for custom color CCT. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

#### **Optics**

The luminaire shall be provided with individual, glass, refractor type optics from external pristmatic acorn. Testing shall be done in accordance with IESNA LM-79.

#### **Electronic Drivers**

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the fixture, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload as well as short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be dimmable using a O-IOv signal.

**For sources over 50w:** The driver shall have a minimum efficiency of 90%. The driver shall be rated at full load with THD<20% and a power factor of greater than 0.90. The driver shall contain over-heat protection.

For sources under 50w: The driver shall have a minimum efficiency of 88%.

#### **Photocontrols**

Button Style: On a single assembly the photocontrol shall be mounted on the fixture and pre-wired to driver. On multiple head assembly's the photocontrol shall be mounted in the pole shaft on an access plate. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

**Twist-Lock Style:** The photocontrol shall be mounted in the utility fitter and pre-wired to driver. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

#### Warranty

Seven-year limited warranty. See product and finish warranty guide for details.

#### **Finish**

Refer to website for details.

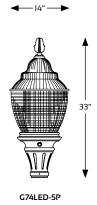
#### **Performance**

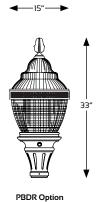
| LIGHT SOURCE | T3 INITIAL LUMENS | EFFICACY (LPW) | T5 INITIAL LUMENS | EFFICACY (LPW) | WATTAGE |
|--------------|-------------------|----------------|-------------------|----------------|---------|
| 4L27TMDL06   | 8380              | 85.5           | 9180              | 93.7           | 98      |
| 4L30TMDL06   | 9260              | 94.5           | 10140             | 103.5          | 98      |
| 4L40TMDL06   | 9565              | 97.6           | 10475             | 106.9          | 98)     |
| 4L27TMDL05   | 6950              | 92.7           | 7605              | 101.4          | 75      |
| 4L30TMDL05   | 7675              | 102.4          | 8400              | 112.0          | 75      |
| 4L40TMDL05   | 7930              | 105.8          | 8675              | 115.7          | 75      |
| 4L27TMDL03   | 5475              | 99.6           | 5950              | 108.2          | 55      |
| 4L30TMDL03   | 6050              | 110.0          | 6570              | 119.5          | 55      |
| 4L40TMDL03   | 6250              | 113.7          | 6790              | 123.5          | 55      |
| 4L27TMDL02   | 4065              | 101.7          | 4400              | 110.0          | 40      |
| 4L30TMDL02   | 4490              | 112.3          | 4860              | 121.5          | 40      |
| 4L40TMDL02   | 4640              | 116.0          | 5020              | 125.6          | 40      |

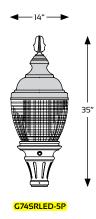




## **Fixtures**







#### **Fitters**

10-1/8" W 10-3/8" H



**BD4** Fits 4" OD x 5" tall tenon/pole

10-1/8" W 10-1/8" H



10-1/8" W 10-1/4" H



BD5 Fits 5" OD x 6" tall tenon/pole 10-1/8" W 11-3/4" H



BD7 Fits 7" OD x 1" tall tenon/pole 9-3/4" W 13-1/4" H



73
Fits 3" OD
x 4" tall
tenon/pole
74
Fits 4" OD
x 4" tall
tenon/pole

14-1/2" W 14-1/4" H



588 (Art Deco 1) Fits 3" OD x 3" tall tenon/pole

10-1/2" W 15-3/4" H



990 or 990T\*
Fits 3" OD
x 3" tall
tenon/pole
994 or 994T\*
Fits 4" OD
x 3" tall
tenon/pole

10-1/2" W 13-1/8" H



991 or 991T\*
Fits 3" OD
x 3" tall
tenon/pole

10-1/2" W 13-1/8" H



992 or 992T' Fits 3" OD x 3" tall tenon/pole 10-1/2" W 15-3/4" H



993 or 9931\*
Fits 3" OD
x 3" tall
tenon/pole
995 or 9951\*
Fits 4" OD
x 3" tall
tenon/pole

10-1/2" W 11-3/8" H



OL3
Fits 3" OD
x 3" tall
tenon/pole
OL4
Fits 4" OD
x 3" tall
tenon/pole

10" W 3-1/4" H



C2097 or C2097T\* Fits 7" OD x 1" tall tenon/pole

\*Twist Lock Acorn (Fitter TL)





# 7700 BIRMINGHAM SERIES

# **SPECIFICATIONS**

#### **GENERAL**

The \_\_\_\_ ft tall\* decorative post shall be aluminum, one-piece construction. The 16" diameter cast aluminum fluted base shall be constructed with a \_\_\_\_ inch diameter aluminum shaft. The model shall be Sternberg Lighting #7700 or #7700R for candy cane poles. The pole shall be U.L. or E.T.L. listed in U.S. and Canada.

#### CONSTRUCTION

The base shall be designed with a tall and smoothly curved pedestal bottom section and transition to a tall twelve flute vertical base section and shall be made of heavy wall, 356 alloy cast aluminum. It shall have a large access door and a 1" thick floor cast as an integral part of the base. The shaft shall be double circumferentially welded internally and externally to the base for added strength.

\_\_\_\_ The **smooth tapered shaft** shall be made of ASTM 6063 extruded aluminum and tempered to a T6 condition.

The **smooth straight shaft** shall be made of ASTM 6063 extruded aluminum and tempered to a T6 condition.

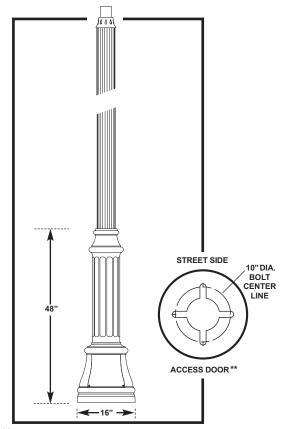
The **straight fluted shaft** shall be made of ASTM 6061 extruded aluminum and tempered to a T6 condition. It shall have a decorative fluted 3"O.D. tenon.

The **tapered fluted shaft** shall be made of heavy wall, 356 alloy cast aluminum

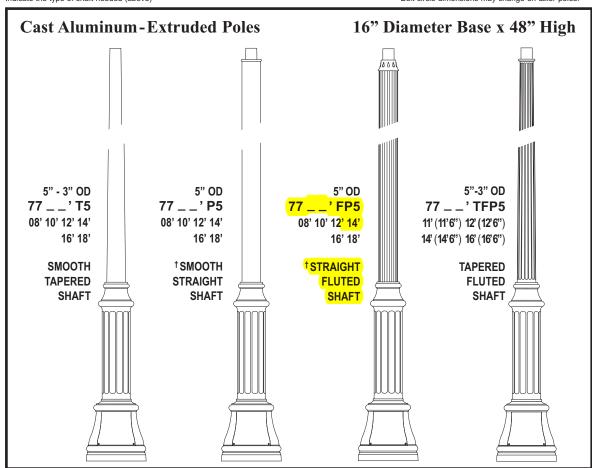
#### **INSTALLATION**

Four <sup>3</sup>/<sub>4</sub>" diameter, hot-dipped galvanized "L" type anchor bolts shall be provided with the post for anchorage. A generously sized door shall be provided for wiring and anchor bolt access. It shall be secured with tamper proof, stainless steel hardware. Post will be provided with a grounding stud mounted on the base floor opposite the access door.

Indicate the type of shaft needed (above)



\*\*See installation template for exact door position. Bolt circle dimensions may change on taller poles.

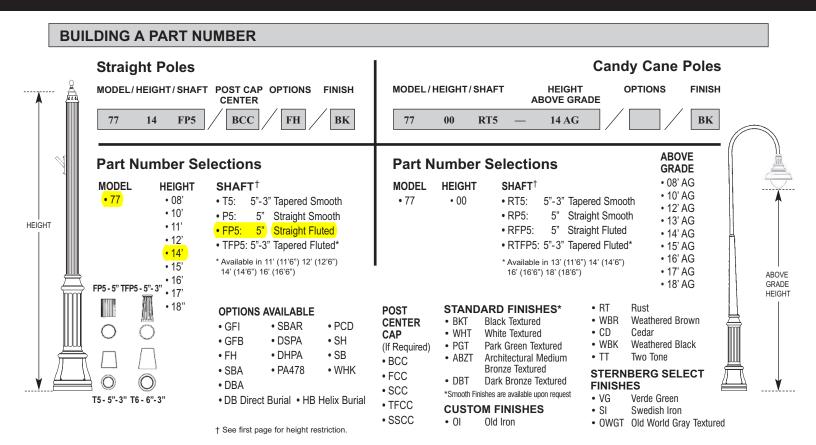


<sup>\*</sup>For candy cane poles insert \_\_\_\_\_AG ft (feet - above grade height). See diagram on reverse side



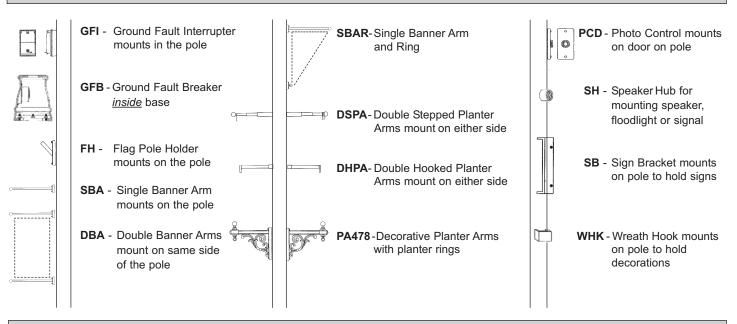
# 7700 BIRMINGHAM SERIES

# POSTS / OPTIONS / POST CAPS



## **OPTIONS AVAILABLE**

#### See Accessories Section for more options and information



### **POST CENTER CAPS** (If Required)



BCC -Ball Center Cap



FCC -Finial Center Cap



SCC-Spiked Center Cap



TFCC-Tall Finial Center Cap



SSCC-

Side Spiked Center Cap



# **80 ARMS & WALL BRACKETS**

The 80 arm includes a diverse family of sizes and orientations that allow for many mounting configurations that meet almost any project design requirements. These heavy cast arms look robust and substantial while still showing well-proportioned dimensions, scale and classic detailing. Matching well with traditional luminaires these arms can be pole or wall mounted in single or multiple head configurations.



# BUILD A PART NUMBER ORDERING EXAMPLE: 80-PM-BKT Arm Mounting Style Finish

#### Arms

•80 •80DLS •80DH •80H •80LF D=Down Sweeping H=Hanging LF=Long Font LS=Long Spindle

#### **Mounting Styles**

- PM Post Mount
- · WB Wall Bracket
- WBBB Wall Bracket With Ballast Box

## Finish (Click here to view paint finish sheet)

#### Standard Finishes

#### • BIKT Black Textured

- · WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

Smooth finishes are available upon request.

#### Custom Finishes<sup>2</sup>

- · CM Custom Match
- · OI Old Iron
- · RT Rust
- · WBR Weathered Brown
- CD Cedar
- · WBK Weathered Black
- · TT Two Tone

<sup>2</sup>Custom colors require upcharge.

#### Sternberg Select Finishes

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

#### Arms

| Cat. # | Detail | Dimension             | Available<br>Mounting Styles | Weight / EPA          |
|--------|--------|-----------------------|------------------------------|-----------------------|
| 80     | 8      | 11-3/4" L<br>10-1/8"H | PM<br>WB<br>WBBB             | 2.5 LBS<br>0.34 SQ FT |
| 80DLS  |        | 11-3/4" L<br>25-1/4"H | PM<br>WB<br>WBBB             | 5.2 LBS<br>0.41 SQ FT |
| 80DH   |        | 11-7/8" L<br>9-1/4"H  | PM<br>WB<br>WBBB             | 2.5 LBS<br>0.34 SQ FT |
| 80H    | 8      | 11-7/8" L<br>9-1/4"H  | PM<br>WB<br>WBBB             | 2.5 LBS<br>0.34 SQ FT |
| 80LF   |        | 11-1/2" L<br>18"H     | PM<br>WB<br>WBBB             | 5.1 LBS<br>0.41 SQ FT |

# **Mounting Style**

| Mounting<br>Style | Detail | Back Plate/<br>Rough in<br>Dimensions | Extension | Fit              |
|-------------------|--------|---------------------------------------|-----------|------------------|
| PM                | 8      | 1-1/2" W<br>8-3/4"H                   | 12"       | 3" - 6"<br>Poles |
| WB*               | 8      | 4-3/4" W<br>10-1/8"H                  | 12"       | Flat Wall        |
| WBBB*             | 8      | 6" W<br>11-3/8"H                      | 15-3/4"   | Flat Wall        |

\*Click Mounting Style for installation instructions.

