GENERAL
The A783B/A785B Frisco series is a superbly stylized Victorian acorn fixture which consists of a decorative cast aluminum fitter, decorative cast aluminum cage, cast ballast housing assembly and a high efficiency polycarbonate or acrylic clear textured prismatic lens. It features a fully cast aluminum decorative cage surrounding the acorn with a gracefully detailed aluminum hinged roof. It shall be appointed with a cast aluminum decorative urn finial.

FITTER
The fitter shall be heavy wall cast aluminum, 319 alloy for high tensile strength. It shall have an 8” inside diameter opening to attach to the 8” neck of the acorn globe. 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.

980 FITTER OPTION
The fitter shall be heavy wall cast aluminum, 319 alloy for high tensile strength. It shall have a 9¼” inside diameter opening to attach to the 8” neck of the acorn globe. It shall have a hinged, tool-less entry door that provides open access to all of the components. The 980 shall have a terminal block for ease of wiring, an optional Roto-Lock Photocell receptacle, an optional Single Convenience outlet or Single GFIC outlet for auxiliary power needs. The top mounted ballast mounting plate shall be cast aluminum and provide tool-less removal from the housing using 2ea 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.

BALLAST HOUSING
The ballast housing shall be heavy wall cast aluminum, 319 alloy for high tensile strength. The housing shall be cast as an integral part of the fitter to prevent water entry into the ballast compartment and to ensure high capacity heat sinking of ballast temperatures, keeping the ballast cooler and ensuring long life. The ballast mounting plate shall be cast aluminum and provide tool-less removal from the housing using 2ea finger latches.

ELECTRICAL
Fixture shall be U.L. or E.T.L. listed. H.I.D. ballasts shall be high power factor with lamp starting down to -30 degrees F. Medium base and mogul base porcelain sockets are 4KV rated. The ballast / socket assembly shall be pre-wired when ballast is located in the fitter. All compact fluorescent (PL) ballasts shall be instant start electronic with a starting temperature of down to 0 degrees F. They shall have a 4-pin socket to accept quad or triple tube lamps.

FIXTURE HOUSING
The fixture housing shall be 18” in diameter and 38” tall. Its basket shall be made up of a 15” tall decorative cast aluminum slotted band with 4 decorative cast “Y” shaped support legs. The band shall have four cast medallions finished in accent gold. Also available are custom medallions (CL) on the slotted band that can be specified with a name, initial or logo. The basket shall cradle a 16” in diameter by 15” tall prismatic lens having an 8” diameter aluminum neck. The roof shall be made of spun aluminum. It shall be made of vandal resistant clear textured polycarbonate or dent resistant (DR) clear textured acrylic. The prismatic lens can be specified in either an I.E.S. Type 3 (A783) or Type 5 (A785) light distribution.

OPTICAL OPTIONS - for Clear Acrylic Acorn (A782CA, A783CA and A785CA)
Refractors shall be 6” diameter borosilicate glass with an I.E.S. Type 3 (RE3G) or Type 5 (RESG) distribution. It shall be secured to the socket stem with ⅛” steel anodized threaded pipe nipple and rest on a cast
aluminum holder with anti-shock gasket. The refractor will be secured to cast holder with a quarter-turn internal aluminum twist ring for ease of maintenance.

The NIGHTSKY™ Louver Optic System (LO or LO-S) shall be a multi tier reflector with 7” diameter rings to produce an I.E.S. cut-off Type 3 or 5 distribution. The Louver Optic System shall be made of highly specular anodized aluminum and shall come standard with medium base socket.

NIGHTSKY™ STAR-SHIELD Roof Optics distribution shall be delivered by multi-segmented roof mounted reflector systems which eliminate uplight and provide cut-off. The reflector cavity shall be made of specular anodized aluminum. Roof Optics Type 2 (ROH2-S), Type 3 (ROH3-S), Type 5 (ROH5-S) horizontal are available for medium base lamps.

Frosted Glass Hurricane Chimney (FHC) is an optic option which adds an authentic touch and can be used with Roof Optics.

House Side Shield (HSS) is an option which will block up to 120° of light in any one direction.

QUARTZ RE-STRIKE
The A783/A785 fixture can be supplied with an optional quartz re-strike system to retain constant fixture light if the H.I.D. lamp fails. The fixture will be equipped with a 100 watt quartz lamp and a controller to run on a 120 volt circuit and must be used in a 120 volt or multi-tap ballast.

PHOTOCELLS
Photocells shall be either the thermo bi-metal button type or the electronic button type. On single post top fixtures the photocell shall be mounted in the fitter. On multiple head fixture assemblies photocells shall be mounted in the pole shaft. The thermo photocell shall be designed to turn-on at 1.0 footcandle and turn-off at not more than 5 footcandles. The electronic button type photocell is instant on and a 5-10 second turn-off and shall turn-on at 1.5 footcandles with a turn-off of 2-3 footcandles. Photocells are either 120 volt or 208 thru 277 volt. Photocells are pre-wired as ballast housing assemblies for ease of wiring to source.

ARMS
All arms are made of cast aluminum and/or extruded aluminum. Arms with decorative filigree have meticulously detailed scroll work and gracefully curved brackets. All A783/A785 fixtures will have its fitter either welded to the arm or will be mechanically attached at the factory to ensure arms will be plumb, secure and level over the life of the installation. Each arm shall be bolted to a post mount adapter, which is welded to the pole to ensure proper alignment to the base. TA and 579 arms will be attached the decorative center hub which will fit the center tenon of the pole. Arms are pre-wired for ease of installation.

FINISH
Prior to coating, each assembly shall be chemically cleaned and etched in a 5-stage washing system which includes alkaline cleaning, rinsing, phosphoric etching, reverse osmosis water rinsing, and non-chrome sealing to ensure corrosion resistance and excellent adhesion for the finish coating. The finish coating shall be electrostatically applied semi-gloss, super durable polyester powder baked at 400 degrees for a durable and superior, color retentive finish. Our optional antique Verde Green finish and Swedish Iron finish are hand brushed using a 3-step process. The total assembly shall be wrapped in shockproof wrapping or fully enclosed in corrugated cartons.

WARRANTY
Five-year limited warranty. See product and finish warranty guide for details.
A783B / A785B FRISCO SERIES FIXTURES / FITTERS / ARMS PM - WB

FIXTURES / OPTICAL SYSTEMS

- **A783B**: Polycarbonate
- **A783BA**: Acrylic Type 3
- **A785B**: Polycarbonate
- **A785BA**: Acrylic Type 5
- **A782BCA**: Clear Acrylic
- **RE3G**: Refractor
- **RE5G**: House Side Shield
- **FHC**: Frosted Hurricane Chimney
- **LO3-S**
- **LO5-S**: Louver Optics
- **LO3**
- **LO5**: Louver Optics
- **CL**: Custom Logo or Medallion
- **ROH**: Roof Optics Horizontal 2, 3, or 5

FITTERS

- **5P (508P)**: Fits 3” poles or tenons and arms below
- **BD4 (508BD4)**: Fits 4” poles or tenons
- **BD5 (508BD5)**: Fits 5” poles or tenons
- **B7 (508B7)**: Fits 7” poles or tenons
- **BD7 (508BD7)**: Fits 7” poles or tenons
- **9 or 9T (980)**: Fits 3” poles or tenons and large arms

ARMS - POST MOUNT (PM) or WALL BRACKETS (WB)

- See Arms Section for more information
**POST & ARM FIXTURES**

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<tr>
<th>NO. OF ARMS</th>
<th>FITXT./FITTER/POSTARM</th>
<th>FIXTURE/FITTER</th>
<th>CENTER</th>
<th>POST TOP FIXTURE (PT)</th>
<th>POST</th>
<th>POST CAP</th>
<th>LIGHT SOURCE</th>
<th>BALLAST</th>
<th>OPTICS</th>
<th>OPTIONS</th>
<th>LENS</th>
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**WALL FIXTURES**

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<th>OPTICS</th>
<th>OPTIONS</th>
<th>FINISH</th>
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<td>100 HPS120</td>
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**PART NUMBER SELECTIONS**

**ACORNS**
- A782BCA
- A783B
- A783BA
- A783BCA
- A785B
- A785BA
- A785BCA

**POST ARMS**
- 50PM
- 478PM
- 478TSPM
- 80PM
- 480PM
- 55PM
- 55LPM
- 6236PM
- BAPT
- 579PT
- 779PT
- TAPT
- TA/SCR
- 508B7
- 62CPM

**WALL BRACKET ARMS**
- 50WB
- 478WB
- 478TSWB
- 80WB
- 480WB
- 55WB
- 55LWB
- 6236WB
- 579WB
- TAWB
- TA/SCRWB
- 62CWB

**PIER MOUNT**
- 450PB

**BALLASTS**
- 35HPS1
- 50HPS2
- 70HPS
- 100HPS
- 150HPS
- 250HPS
- 50MH
- 70MH
- 100MH
- 150MH
- 175MH
- 250MH
- 26PLT1
- 32PLT1
- 42PLT1
- INCAND
- QL55*
- QL85*
- QL165*

**LAMPS**
- HPS35/MED
- HPS50/MED
- HPS70/MED
- HPS100/MED
- HPS150/MED
- HPS250/MOG/ED18
- MH50/MED
- MH70/MED
- MH100/MED
- MH150/MED
- MH175/MOG
- MH250/MOG/ED28
- PLT26
- PLT32
- PLT42

**FINISHES**
- STANDARD
  - BK Black
  - VG Verde Green
  - PG Park Green
  - ABZ Arch Med Bronze
  - SI Swedish Iron
  - DB Dark Bronze
- CUSTOM
  - WH White
  - RT Rust
  - CM Custom Match
  - OI Old Iron
  - TT Two Tone

**OPTIONS**
- CL Custom Logo on Ring
- B1 Photocell-Bimetal 120 Volt
- B2 Photocell-Bimetal 208-277 Volt
- E1 Photocell-Electronic 120 Volt
- E2 Photocell-Electronic 208-277 Volt
- R Receptacle only for Rotolock Photo Cell
- R1 Rotolock Photo Cell 120 Volt
- R2 Rotolock Photo Cell 208-277 Volt
- G GFI 15 Amp for 980
- S Single Convenience 15 Amp Outlet for 980
- FHS Single Fuse and Holder-120, 277 Volt
- FHD Dual Fuse and Holder-208, 240, 480 Volt
- QR Quartz Re-Strike
- PF Pineapple Finial or Font (TA, TASC)
- BF Ball Finial or Font (TA, TASC)
- LAMPS Select from list

**NOTES:**
1. 35HPS is 120 volt only.
2. 50HPS available as 120 or 277 volt only. Others are special order.
3. Standard is clear, for coated HID lamps add C (MH70/C/MED).
4. Medium base lamp only, ED17.
5. For CA (Clear Acrylic) option.
6. Choice of 3 Models: Medium base for HPS or MH (ED17 only). Or mogul base for HPS (ED18 only). Or mogul base for MH (ED28 only).