

## JOB NAME

## FIXTURE TYPE

MEMO

## BUILD A PART NUMBER

ORDERING EXAMPLE: 2A-A840-5P-100HPS120-MED-RE5-A-PEC-FHS/50PM/4212FP4/FCC/BI<T

| Mounting <br> Config. | Fixture | Fitter | Ballast | Volts | Socket | Optic | Lens | Option <br> Control <br> Receptacle | Option <br> Control | Option <br> Fuse | Option <br> Ring | Option <br> GFI | Option <br> Terminal <br> Block | Option <br> House <br> Side <br> Shield | Option <br> Lamps <br> See Lamp <br> Spec Sheet |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  | Arm <br> See Arm <br> Spec <br> Sheets | Pole <br> See Pole <br> Spec <br> Sheets | Finish <br> Fin |  |  |  |  |  |  |  |

## Mounting Configuration

(Click here to view mounting configuration sheet)

| - 1W | - 2A | -3A90 | - 1AM |
| :---: | :---: | :---: | :---: |
| - PT | - 2A90 | - 3APT | - 2AM |
| - 1A | - 2APT | - 4A | - 450РB |
| - 1APT | - 3A | - 4APT |  |

W = Wall Mount PT = Post Top APT = Post Top Arm Mid-Mount A = Arm Mount $\mathrm{AM}=$ Arm Mid-Mount PB $=$ Pier Base

## Fixture

- A840 •A840SR


## Fitter

| $-51^{1}$ | $\cdot 991^{1}$ | $\cdot 995^{1}$ | $\cdot$ OLF3 $^{1}$ |
| :--- | :--- | :--- | :--- |
| $\cdot 73$ | $\cdot 992^{1}$ | $\cdot$ BD4 | $\cdot$ OLF4 |
| -74 | $\cdot 993^{1}$ | $\cdot$ BD5 | $\cdot 588$ |
| $\cdot 990^{1}$ | $\cdot 994^{1}$ | $\cdot$ BD7 | $\cdot$ C2097 $^{1}$ |

' Add "T" after fitter designation for optional "Twist-lock" fitter.

## Ballast ${ }^{2,3}$

| $\cdot 35$ HPS $^{4}$ | $\cdot 70 \mathrm{MHP}$ | $\cdot 57 \mathrm{CFL}$ |
| :--- | :--- | :--- |
| $\cdot 50 \mathrm{HPS}$ | $\cdot 100 \mathrm{HPS}$ | $\cdot 70 \mathrm{CFL}$ |
| $\cdot 70 \mathrm{HPS}$ | $\cdot 150 \mathrm{MHP}$ | $\cdot 85 \mathrm{QL}$ |
| $\cdot 100 \mathrm{MHP}$ | $\cdot 26 \mathrm{CFL}$ | $\cdot$ INCAND (150wmax) |
| $\cdot 150 \mathrm{HPS}$ | $\cdot 32 \mathrm{CFL}$ |  |

50MHP
${ }^{2}$ Medium base sockets standard with ballasts up to 150 watts. 4-PIN for CFL.
${ }^{3}$ Metal halide systems are pulse start
${ }^{4} 35 \mathrm{HPS}$ is 120 volt only.


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- SC ${ }^{6}$ Shorting Cap <br> - PEC Electronic Button Photocontrol (120v-277v) <br> - PEC4 Electronic Button Photocontrol (480v) <br> - FHS $^{7}$ Single Fuse \& Holder (120v-277v) <br> - FHD ${ }^{7}$ Double Fuse \& Holder (208v, 240v \& 480v) <br> - PBDR ${ }^{8}$ Perforated Brass Decorative Ring <br> - G ${ }^{5}$ 15A Duplex GFI for Utility Fitter <br> - TB ${ }^{5}$ Terminal Block <br> - HSS $120^{\circ}$ House Side Shield <br> - LAMPS See Lamp Spec Sheet <br> ${ }^{5}$ For 900 series utility fitter only. <br> ${ }^{6}$ Requires control receptacle. <br> ${ }^{7}$ Ships loose for installation in base. <br> ${ }^{8}$ Standard is polished, for painted ring specify PBDR-P.
}

Arm (Click here to view arm website page)
See Arms \& Wall Brackets specification sheets

- 478 • 55 • 579 •80/480 •6236 •TASCR

Pole (Click here to link to pole specification page)
See Pole specification sheets.
Finish (Click here to view paint finish sheet)
Standard Finishes ${ }^{9}$

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured
${ }^{9}$ Smooth finishes are available upon request
Custom Finishes ${ }^{10}$
- CM Custom Match
- Ol Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone
${ }^{10}$ Custom colors require upcharge.
Sternberg Select Finishes
- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured


## Specifications

Fixture
The fixture shall be $14-1 / 4^{\prime \prime}$ in diameter and 37 $3 / 4^{\prime \prime}$ tall. Acorn will be made of vandal resistant clear textured polycarbonate or dent resistant (DR) clear textured acrylic. White textured is also available. The fixture is available in a solid roof (A840SR) for added distinction and reduced uplight. The solid roof will be made of spun aluminum and securely affixed to the top of the acorn. The optional perforated brass decorative ring (PBDR) is available in polished brass or painted finish. The 2-1/4" wide brass filigree allows light transfer through the decorative openings. 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 $8-1 / 2^{\prime \prime}$ inside diameter opening to attach to the 8 " 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 $9-1 / 4^{\prime \prime}$ 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 900 series shall have an optional terminal block for ease of wiring, an optional Twist-Lock Photocontrol receptacle, an optional single GFCI outlet for auxiliary power needs. The top mounted ballast 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 page

## 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.

## Electrical

HID ballasts shall be high power factor with lamp starting down to -30 degrees $C$. Medium base and mogul base porcelain sockets are 4 K V rated. The ballast/socket assembly shall be pre-wired when ballast is located in the fitter. Ballasts shall be DOE EISA compliant.

## Optical Options

Refractors shall be borosilicate glass with an IES type 3 or 5 distribution, using a vertically mounted lamp. It shall be secured to the socket/stem with 3/8"plated steel threaded pipe nipple and rest on a cast aluminum holder with antishock gasket. The refractor will be secured to cast holder with a quarter-turn internal aluminum twist ring for ease of maintenance.
Alzak Disk shall be an optical shield to help direct light downward. It shall be 7"diameter and made of specular reflective aluminum and mounted directly above a vertically mounted lamp.
NIGHTSIKY ${ }^{\circledR}$ OPTI-SHIELD ${ }^{\circledR}$ Louver Optic System shall be a multi-tier reflector with 7"diameter rings to produce an IES 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.
House Side Shield shall be an additional optic used to block $120^{\circ}$ of light in any one direction.

## Photocontrols

Button Style: On single post top fixtures the photocontrol shall be mounted in the fitter and pre-wired to ballast. On multiple head fixture assembly's photocontrol shall be mounted in the pole shaft on an access plate and are not pre-wired as ballast housing assemblies and fitters are packaged separately for ease of wiring to source. 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 ballast. 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

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

## Finish

Refer to website for details.

## Fixture Examples



## Optical Systems



## Fitters

| 10-1/8" W | 10-1/8" W | 10-1/8" W | 10-1/8" W | 9-3/4" W | $14-1 / 2^{\prime \prime} W$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 10-3/8" H | 10-1/8" H | 10-1/4" H | $11-3 / 4^{\prime \prime} \mathrm{H}$ | $13-1 / 4^{\prime \prime} \mathrm{H}$ | $14-1 / 4^{\prime \prime} \mathrm{H}$ |
|  |  |  |  |  |  |
| $\begin{aligned} & 5 P \text { or } 5 T^{*} \\ & \text { Fits } 3^{\prime \prime} O D \end{aligned}$ | BD4 <br> Fits 4" OD | BD5 <br> Fits 5" OD | $\begin{gathered} \text { BD7 } \\ \text { Fits 7" OD } \end{gathered}$ | $\begin{gathered} 73 \\ \text { Fits } 3 \text { " OD } \end{gathered}$ | $\begin{gathered} 588 \\ \text { (Art Deco 1) } \end{gathered}$ |
| x $3^{\prime \prime}$ tall tenon/pole | x $5^{\prime \prime}$ tall tenon/pole | $\times 6^{\prime \prime}$ tall tenon/pole | $\times 1$ " tall tenon/pole | $\times 4^{\prime \prime}$ tall tenon/pole 74 <br> Fits 4" OD $\times 4^{\prime \prime}$ tall tenon/pole | $\begin{gathered} \text { Fits 3" OD } \\ \times 3^{\prime \prime} \text { tall } \\ \text { tenon/pole } \end{gathered}$ |
| 10-1/2" W | 10-1/2" W | 10-1/2" W | 10-1/2" W | 10-1/2" W | 10" W |
| 15-3/4" H | 13-1/8" H | 13-1/8" H | 15-3/4" H | $11-3 / 8^{\prime \prime} \mathrm{H}$ | $3-1 / 4^{\prime \prime} \mathrm{H}$ |
|  |  |  |  |  |  |
| 990 or 990T* | 991 or 991T* | 992 or 992T** | 993 or 993T* | OL3 or OL3T* | C2097 or |
| Fits 3" OD $\times 3^{\prime \prime}$ tall tenon/pole | Fits 3" OD $\times 3^{\prime \prime}$ tall tenon/pole | Fits 3" OD $\times 3^{\prime \prime}$ tall tenon/pole | $\begin{gathered} \text { Fits } 3^{\prime \prime} \text { OD } \\ \times 3^{\prime \prime} \text { tall } \\ \text { tenon/pole } \end{gathered}$ | $\begin{gathered} \text { Fits } 3^{\prime \prime} \text { OD } \\ \times 3^{\prime \prime} \text { tall } \\ \text { tenon/pole } \end{gathered}$ | $\begin{gathered} \text { C2097T* } \\ \text { Fits } 7^{\prime \prime} \text { OD } \\ \times 1^{\prime \prime} \text { tall } \end{gathered}$ |
| 994 or 994T* |  |  | 995 or 995T** | OL4 or OL4T* | tenon/pole |
| Fits 4" OD $\times 3^{\prime \prime}$ tall tenon/pole |  |  | Fits 4" OD x $3^{\prime \prime}$ tall tenon/pole | Fits $4^{\prime \prime}$ OD $\times 3^{\prime \prime}$ tall tenon/pole |  |

