

9623 COLONIAL SERIES

SPECIFICATIONS

GENERAL

The 9623TF Colonial series is a historical four-sided fixture. It consists of a decorative cast roof, a cast cage with a scalloped edging, acrylic lenses and a lift hinge access door and/or hinged roof for relamping. The roof shall be appointed with a decorative cast finial.

POST FITTER

The fitter or base shall be heavy wall cast aluminum, 356 alloy for high tensile strength. It shall have an inside diameter opening to fit a 3" diameter pole or tenon. When ordered with a Sternberg aluminum pole, the fitter shall be set screwed to the pole top or tenon.

BALLAST

The ballast shall be remote mounted in the base of the pole, pole shaft, arm or ballast box. The 9623BB and 9623TFBB shall have an integral ballast compartment. The ballast housing shall be heavy wall cast aluminum, 356 alloy for high tensile strength. The housing shall be an integral part of the fixture and cast in one piece to ensure a water-tight compartment. The ballast shall be attached to the ballast housing to ensure high capacity heat sinking of ballast temperatures, keeping the ballast cooler and ensuring long life. The ballast shall be mounted on a pull out door for easy ballast maintenance.

ELECTRICAL

Fixture shall be U.L. or E.T.L. listed in U.S. and Canada. H.I.D. ballasts shall be high power factor with lamp starting down to -30 degrees C. Medium base and mogul base porcelain sockets are 4KV rated. 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. Ballasts shall be DOE EISA compliant.

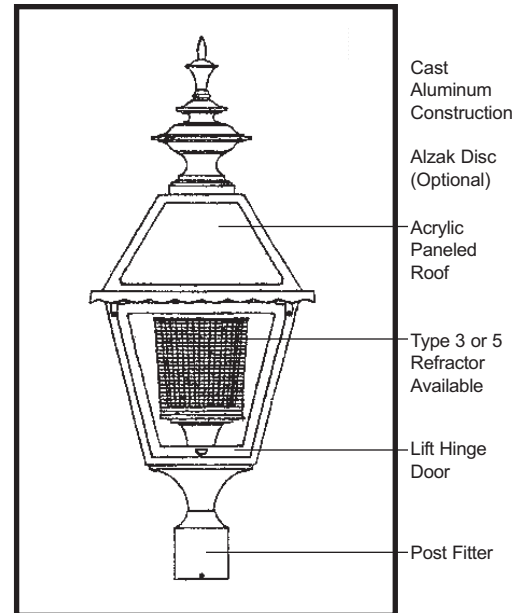
FIXTURE HOUSING

The 9623 fixture shall be 14^{3/4}" wide and the overall height shall be 35^{1/2}". It shall be made of heavy wall cast aluminum, 356 alloy and lenses shall be made of vandal resistant acrylic, available in clear (CA), clear seeded (CSA), clear textured (CTA), prismatic (PA), and white (WA) acrylic. The fixture cage shall be cast in one piece and shall have a side hinged door. The four paneled open roof shall be lensed. The optional closed roof (CR) shall have solid aluminum panels. Model 9623 shall be appointed with a cast square cupola house and roof finial. Model 9623TF shall be appointed with a decorative cast 6" diameter tall finial. Model 9623FB shall have a four legged open cage plate.

OPTICAL OPTIONS

Refractors shall be 6" diameter borosilicate glass with an I.E.S. Type 3 (RE3) or Type 5 (RE5) distribution. It shall be secured to the socket stem with 3/8" plated steel 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® OPTI-SHIELD® Louver Optic System (LO) 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.



**EPA = 2.12 (ft²)
WEIGHT = 20 LBS**

9623 COLONIAL

FIXTURES/ARMS PM-WB

FIXTURES / OPTICAL SYSTEMS

14 3/4" W (All same width)

35 1/2" 36 1/2" 29 1/4" 30 1/2" 31" 37 1/4" 28" 30 1/4" 35 1/2"

9623 TF Tall Finial
9623 TFFB Tall Finial Frog Base
9623 Post Top
9623 FB Frog Base
9623 BB Integral Ballast
9623 TFBB Integral Ballast
9623 H Hanging or Pendant
9623 TFH Hanging or Pendant
9623 TFCCR Closed Roof

*CR version only

RO* Roof Optics Type 2, 3 or 5
FHC* Frosted Hurricane Chimney
RE3 RE5 Refractor
Alzak Disc
3L 3 Light
HSS House Side Shield
LO3 LO5 Louver Optics

120°

LENSES

CR Closed Roof
CSA Clear Seeded Acrylic
CA Clear Acrylic
CTA Clear Textured Acrylic
PA Prismatic Acrylic
WA White Acrylic

2S Optional Scrolls
Stem Hung
Chain Hung

Specify Overall Drop in Inches

BALLASTED WALL MOUNTS (BB)

PIER MOUNTS (PB)

HANGING BRACKETS

Wall Ballast Box for 55, 78, 80, 6236 Arms
Wall Ballast Box for 478 and 480 Arms

PB44 Incandescent
PB28 For 150 to 250 Watt Ballasts
PB27B For up to 100 Watt Ballasts
SH-CH28 For 150 to 250 Watt Ballasts
SH-CH27B For up to 100 Watt Ballasts
SH44
CH44

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

See Arms Section for more information

80 (80D Downswept Arm)
50
478TS
TASCR
579
480
78LF
478
TA
78
6236
55
55L
121
121CM Corner Mount
20

11 3/4" 11 3/4" 16 1/8" 16 1/2" 16 1/2" 10 1/8" 12" 21 3/8" 17" 19 1/4" 17 3/4" 16 1/8" 16 1/2" 16 1/2" 10 7/8" 13 3/8" 15 1/4" 11 1/4" 10 1/8" 18 3/4" 11 3/4" 15 5/8" 12 1/4" 14 7/8" 14" 10 1/4" 15" 19 3/4"

BUILDING A PART NUMBER



POST & ARM FIXTURES

ARM MOUNTED FIXTURE	CENTER POST TOP FIXTURE (PT)	POST	POST CAP	LIGHT SOURCE BALLAST	OPTICS	OPTIONS	LENS	FINISH
NO. OF ARMS	FIXTURE / POSTARM	FIXTURE	(See Post Section)	WATTS / TYPE / VOLTS				
2	9623TF/478PM	PT	3412FP4	FCC	100 HPS120	RE3	HPS100/MED	CSA / BK



WALL FIXTURES

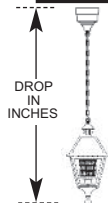
FIXTURE / WALL BRACKET	LIGHT SOURCE BALLAST	OPTICS	OPTIONS	LENS	FINISH
WATTS / TYPE / VOLTS					
9623TF/478WB	100 HPS120	RE5	HPS100/MED	CA	BK



PIER FIXTURES
Uses same information boxes as wall fixture

9623TF/PB28

FIXTURE / PIER BASE



HANGING FIXTURES

FIXTURE	LIGHT SOURCE BALLAST	OPTICS	OPTIONS	LENS	FINISH
DROP IN INCHES					
9623TFH/CH28	48 INCHES	150 HPS120	FC	HPS150/MED	CSA / BK

PART NUMBER SELECTIONS

FIXTURES

- 9623TF¹
- 9623TFFB¹
- 9623¹
- 9623FB¹
- 9623BB
- 9623TBB
- 9623AH¹
- 9623H¹
- 9623TFH¹

OPTICS

- RE3
- RE5
- ALZAK
- HSS
- LO3
- LO5
- RO2^{6,7,8}
- RO3^{6,7,8}
- RO5^{6,7,8}
- FHC³
- 3L

OPTIONS

- PEC1 Photocell-Bimetal 120 Volt
- PEC2 Photocell-Bimetal 208-277 Volt
- PEC1-E Photocell-Electronic 120 Volt
- PEC2-E Photocell-Electronic 208-277 Volt
- 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)
- 2S Scroll for Model 9623/20WB
- LAMPS Select from List

POST ARMS

- 78PM
- 78LFPM
- 478PM
- 478TSPM
- 80PM
- 80DPM
- 80LFPM
- 80DLFPM
- 480PM
- 480DPM
- 55PM
- 55LPM
- 121PM
- 6236PM
- 579PT
- TAPT
- TASCRIPT
- 20PM

WALL BRACKET ARMS

- 78WB
- 78LFWB
- 478WB
- 478TSWB
- 80WB
- 80DWB
- 80LFWB
- 80DLFWB
- 480WB
- 480DWB
- 55WB
- 55LWB
- 6236WB
- 579WB
- TAWB
- TASCRAWB
- 121WB
- 121CMWB
- 20WB

WALL BRACKET ARMS WITH BALLAST BOX

- 78WB
- 78LFWB
- 478WB
- 478TSWB
- 80WB
- 80DWB
- 80LFWB
- 80DLFWB
- 50WB
- 50DWB
- 480WB
- 480DWB
- 55WB
- 55LWB
- 6236WB
- TASCRAWB
- 121WB

PIER BASES

- PB44
- PB27B
- PB28

VOLTAGES

- 120
- 208
- 240
- 277
- 480
- MULTI (120-277)

BALLASTS^{1,4}

- 35HPS²
- 50HPS
- 70HPS
- 100HPS
- 150HPS
- 250HPS
- 50MHP
- 70MHP
- 100MHP
- 150MHP
- 175MHP¹⁰
- 200MHP
- 250MHP
- 26PLT
- 32PLT
- 42PLT
- INCAND

HANGING BRACKETS

- CH44 INC
- SH44 INC
- CH27B HID
- SH27B HID
- CH28 HID
- SH28 HID

LAMPS⁹

- HPS35/MED
- HPS50/MED
- HPS70/MED
- HPS100/MED
- HPS150/MED
- HPS250/MOG/ED18
- MHP50/MED
- MHP70/MED
- MHP100/MED
- MHP150/MED
- MHP175/MOG/ED28¹⁰
- MHP200/MOG/ED28
- MHP250/MOG/ED28
- PLT26
- PLT32
- PLT42

LENSES

- CSA
- CA
- CTA
- PA
- WA

STANDARD FINISHES*

- BKT 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

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

STERNBERG SELECT FINISHES

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

NOTES:

¹ Pole mounted fixtures - requires ballast to be mounted in pole base.
² 35HPS is 120 volt only. ³ Medium base socket only when used to house lamp. ⁴ Medium base sockets standard with ballasts up to 150 watts HID. Mogul base sockets are standard with ballasts 200 watts and over. 4-Pin for PL. ⁵ Custom ballast box. ⁶ Medium base lamp only. ⁷ For 9623CR closed roof models only. ⁸ Can support PLH or PLT up to 60W. ⁹ Metal halide systems are pulse start. ¹⁰ Consult factory for limitations.

9623 COLONIAL SERIES

SPECIFICATIONS

**LIST NO. 9623
COLONIAL
SERIES**

NIGHTSKY® STAR-SHIELD® Roof Optics (closed roof version only) 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 (RO2), Type 3 (RO3), Type 5 (RO5) 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.

3-Light (3L) candelabra set is an option for incandescent application.

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 and pre-wired to ballast. On multiple head fixture assemblies photocells 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 thermo bi-metal 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 at 2-3 footcandles. Photocells are either 120 volt or 208 thru 277 volt.

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 9623 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. Twin TA, TASCRA and 579 arms will be attached to a decorative center hub which will slip-fit the center tenon of the pole (not shown). BA and 779 arms are available as a twin application. 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.

