

H320 HUNTER SERIES

SPECIFICATIONS

GENERAL

The H320 Hunter series is a small scale, architectural down light fixture design that can be used for contemporary or traditional styling. It is offered with a flat or sag glass lens and acrylic acorn. It is rated **IP66**. It shall be provided with tool-less access for ease of maintenance.

BALLAST HOUSING

The ballast is housed in the upper section of the 356 alloy cast aluminum roof and is easily accessible by means of hinged roof and captive thumb screws. Lenses are secured to a cast aluminum frame that is hinged and secured to the housing with captive thumb screws or optional lock pins.

ELECTRICAL

The H320 Hunter Series is 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 porcelain, mogul base or T6 bi-pin sockets are 4KV rated. The ballast/ socket assembly shall be pre-wired when ballast is located in the fixture. Ballasts shall be DOE EISA compliant.

FIXTURE HOUSING

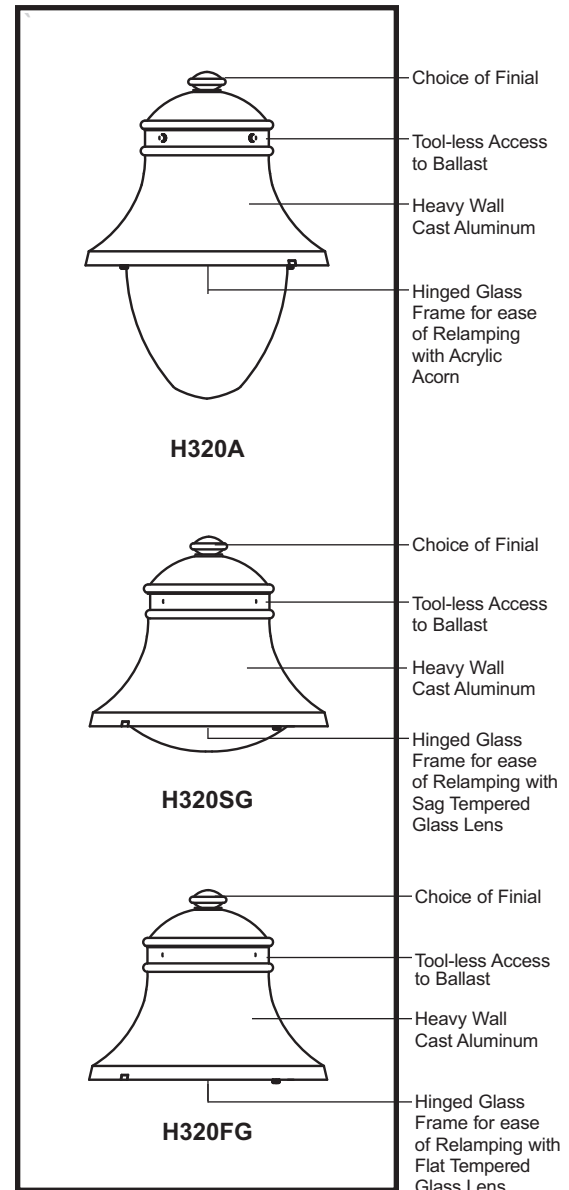
The H320FG clear flat lensed fixture shall be 17" wide and the overall height shall be 14". The H320SG clear sag lensed fixture shall be 17" wide and the overall height shall be 15". They shall be made of heavy wall, 356 alloy cast aluminum.

OPTICAL ASSEMBLY OPTIONS

The H320 optical assembly shall be available with **NIGHTSKY® STAR-SHIELD® IP66** sealed roof optic using a one piece hydro-formed reflector with semi-specular finish. The reflector shall be factory sealed to the teardrop globe, flat or sag lens. Optics shall be available for Type II (RO2), Type III (RO3) or Type V (RO5) distribution.

PHOTOCELLS

Photocells shall be roto-lock design only with optional side arm mounting. They shall be either thermal-bimetallic switch type or electronic DC electromagnetic switch type. They shall be mounted in the ballast housing and prewired to the ballast. The thermal bi-metallic type shall be designed to turn on at 1.5 footcandles and turn off at no more than 7 footcandles. The electronic



**EPA = 0.47 (ft²)
WEIGHT = 21 LBS**

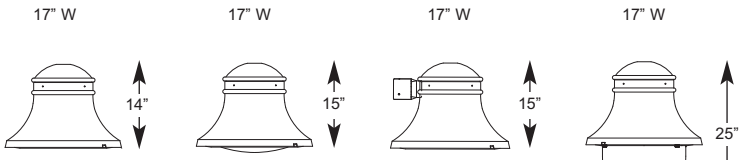
Rated IP66

H320 HUNTER

FIXTURES/FITTERS/ARMS PM-WB

FIXTURES **OPTICAL SYSTEMS** **HANGING BRACKETS**

17" W 17" W 17" W 17" W




H320FG
Flat Glass
Lens


H320SG
Sag Glass
Lens

H320FGSM
Side Mount

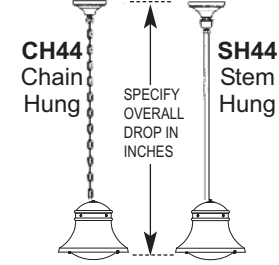
H320A
Acrylic Lens



RO
Sealed Roof
Optics
Horizontal
Type 2, 3 or 5



FINIALS
RS
2B
TF

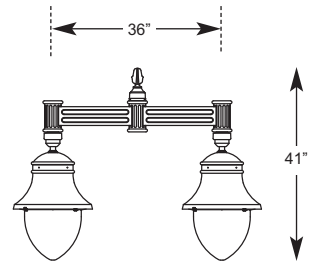


CH44
Chain
Hung

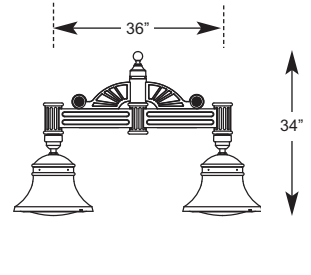
SH44
Stem
Hung

SPECIFY OVERALL
DROP IN
INCHES

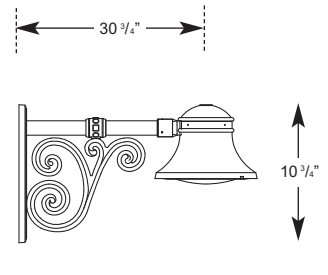
ARMS - POST MOUNT or WALL BRACKETS (WB) See Arms Section for more information



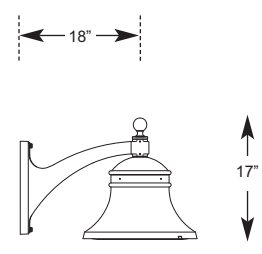
TAHPT



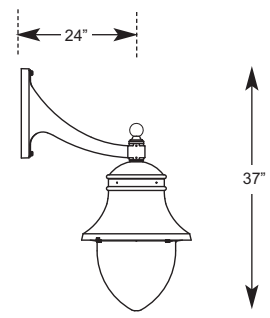
TAHSUPT



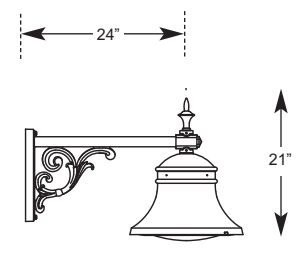
678PM
Side Mount
(Shown with RS Finial)



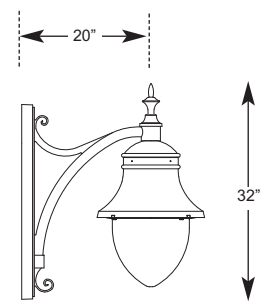
480
(Shown with 2B Finial)



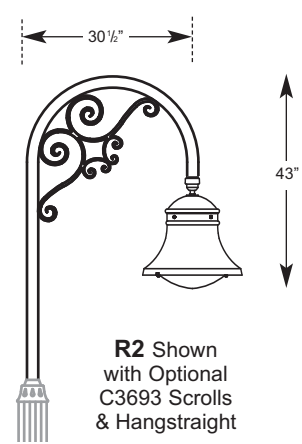
480D
(Shown with 2B Finial)



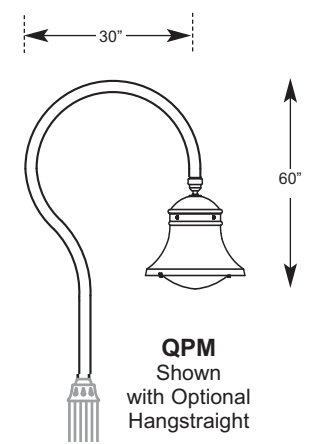
478E
(Shown with TF Finial)



HR SINGLE
(Shown with TF Finial)

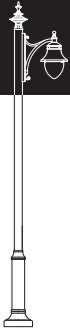


R2 Shown
with Optional
C3693 Scrolls
& Hangstraight



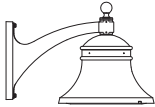
QPM
Shown
with Optional
Hangstraight

BUILDING A PART NUMBER



POST & ARM FIXTURES

ARM MOUNTED FIXTURE	POST	POST CAP	LIGHT SOURCE BALLAST	OPTICS	OPTIONS	FINISH
NO. OF ARMS	FIXTURE / POSTARM / FINIAL	(See Post Section)	WATTS / TYPE / VOLTS			
1	H320A/HRPM/2B	3216P4	TFCC / 100MHP120	RO3	FHS	BKT



WALL FIXTURES

FIXTURE / WALL BRACKET / FINIAL	LIGHT SOURCE BALLAST	OPTICS	OPTIONS	FINISH
WATTS / TYPE / VOLTS				
H320FG/480WB/2B	100MHP120	RO3		BKT



HANGING FIXTURES

FIXTURE / LENS / HANGING BRACKET	OVERALL DROP IN INCHES	LIGHT SOURCE BALLAST	OPTICS	OPTIONS	FINISH
WATTS / TYPE / VOLTS		WATTS / TYPE / VOLTS			
H320SG/SH44	48 INCHES	100MHP120	RO3	FHS	BKT

PART NUMBER SELECTIONS

FIXTURE

- H320A
- H320FG
- H320SG
- H320ASM
- H320FGSM
- H320SGSM

FINIALS

- RS
- 2B
- TF

OPTICS IP66 SEALED

- RO2
- RO3
- RO5

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
- R Receptacle only for Rotolock Photo Cell
- R1 Rotolock Photo Cell 120-277 Volt
- FHS Single Fuse and Holder-120-277 Volt
- FHD Dual Fuse and Holder-208,240,480 Volt
- QR Quartz Re-Strike
- HS Hangstraight
- LAMPS Select from List
- CC3693 Scrolls

POST ARMS

- 478EPM
- 480PM
- 480DPM
- 678PM
- HRPM

WALL BRACKET ARMS

- 478EWB
- 480WB
- 480DWB
- 678WB
- HRPM
- R2WB
- TAHWB
- TAHSUWB

POST ARMS

- QPM
- R2PM
- TAHPT
- TAHSUPT

VOLTAGES

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

HANGING BRACKETS

- CH44
- SH44

BALLASTS^{2,3}

- 35HPS¹
- 50HPS
- 70HPS
- 100HPS
- 150HPS
- 50MHP
- 70MHP
- 100MHP
- 150MHP
- 26PLT
- 42PLT
- 57PLT
- 70PLT
- INCAND
- QL55⁴
- QL85⁴
- LED⁴

LAMPS³

- HPS35/MED
- HPS50/MED
- HPS70/MED
- HPS100/MED
- HPS150/MED
- MHP50/MED
- MHP70/MED
- MHP100/MED
- MHP150/MED
- PLT26
- PLT42
- PLT57
- PLT70

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:

- ¹35HPS is 120 volt only.
- ²Medium base sockets standard with ballasts up to 150 watts HID. Mogul base sockets are standard
- ³Metal halide systems are pulse start.
- ⁴Consult factory for limitations.

H320 HUNTER SERIES

SPECIFICATIONS

**LIST NO.
H320 HUNTER
SERIES**

DC electromagnetic type shall be designed to turn on at 1.0 footcandles and turn off at no more than 3.0 footcandles.

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 Hunter series fixtures shall use a hangstraight mounted to the arm to ensure arms will be plumb, secure and level over the life of the 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.