



E520 EURO SERIES

HID

EPA
0.75 (ft²)
WEIGHT
27 LBS

5 YEAR
WARRANTY

UL
LISTED

CLICK
FOR FAQ's

RATED
IP66

JOB NAME _____

FIXTURE TYPE _____

MEMO _____

BUILD A PART NUMBER

ORDERING EXAMPLE: **1A-E520-400MHP120-MOG-RO3-FG-HSHB/CA6/3320P5/SCC/BKT**

Mounting Config.	Fixture	Ballast	Volts	Socket	Optic	Lens	Option Control Receptacle	Option Control	Option Fuse	Option Hang-straight	Option House Side Shield	Lamps <small>See Lamp Spec Sheet</small>	Arm <small>See Arm Spec Sheets</small>	Pole <small>See Pole Spec Sheets</small>	Finish

Mounting Configuration

(Click here to link to mounting configuration specification page)

- 1W • 2A90 • 4A • SH44¹
- 1A • 3A • 1AM • CH44¹
- 2A • 3A90 • 2AM

W = Wall Mount A = Arm Mount AM = Arm Mid-Mount
SH = Stem Hung CH = Chain Hung

¹ Include Stem/Chain length in inches after designation (IE: CH44-36").

Fixture

- E520 • E520SM

Ballast^{2,3}

- 35HPS • 250HPS • 150MHP • 26CFL
- 50HPS • 400HPS • 200MHP • 32CFL
- 70HPS • 50MHP • 250MHP • 42CFL
- 100HPS • 70MHP • 320MHP • INCAND
- 150HPS • 100MHP • 400MHP (150w max)

² Medium base sockets standard with ballasts up to 150 watts HID. Mogul base sockets standard for 200 watts and higher. 4-pin for CFL.

³ Metal halide systems are pulse start.

Volts

- 120 • 208 • 240 • 277 • 347 • 480

Socket

- MED • MOG • 4P (4-PIN)

Optic

- RO2 • RO3 • RO4 • RO5

Lens

- FG (Flat Glass) • SG (Sag Glass)

Options (Click here to view accessories sheet)

- R⁴ 3-Pin control receptacle only
- PE⁵ Twist-Lock Photocontrol (120v-277v)
- PE3⁵ Twist-Lock Photocontrol (347v)
- PE4⁵ Twist-Lock Photocontrol (480v)
- SC⁵ Shorting Cap
- PEC Electronic Button Photocontrol (120v-277v)
- PEC4 Electronic Button Photocontrol (480v)
- FHS⁶ Single Fuse and Holder (120v, 277v & 347v)
- FHD⁶ Double Fuse and Holder (208v, 240v & 480v)
- HSHS Standard Horizontal Hangstraight, Spike Finial
- HSHN Standard Horizontal Hangstraight, No Finial
- HSHB Standard Horizontal Hangstraight, Ball Finial
- EZ Vertical Hangstraight, Large, "EZ" Mount

- HSV Vertical Hangstraight, Standard
- HSS 120° House Side Shield
- LAMPS See Lamp Spec Sheet

⁴ For 900 series utility fitter only.

⁵ Requires control receptacle.

⁶ Ships loose for installation in base.

Arm (Click here to link to arm specification page)

See Arms & Wall Brackets specification sheets.

- CA • CSA • OB • GRA • 678
- CAF • DAG • RA • SMA • R3⁷
- CAS • FFA • RSA • 478

⁷ Luminaires above grade height to be 2' higher than pole height.

Pole (Click here to link to pole specification page)

See Pole specification sheets.

Finish (Click here to view paint finish sheet)

Standard Finishes⁸

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

⁸ Smooth finishes are available upon request.

Custom Finishes⁹

- CM Custom Match
 - OI Old Iron
 - RT Rust
 - WBR Weathered Brown
 - CD Cedar
 - WBK Weathered Black
 - TT Two Tone
- ⁹ Custom colors require upcharge.
- #### Sternberg Select Finishes
- VG Verde Green
 - SI Swedish Iron
 - OWGT Old World Gray Textured

Specifications

Fixture

This large scale contemporary downlight fixture made from die-cast aluminum. Standard unit should be supplied with a hangstraight (E520). Optional side mount version (E520SM)

available with an integral slipfitter to slip fit a 2-3/8" OD horizontal tenon. The Luminaire shall be UL listed in US and Canada.

Electrical

Electrical HID ballasts shall be high power factor with lamp starting down to -30 degrees C. 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. Ballasts shall be DOE EISA compliant.

Optical Options

NIGHTSKY® STAR-SHIELD® Sealed Roof Optics shall be a roof mounted, an IP66 rated reflector systems which eliminate up light and provide cut-off distribution. The reflector cavity shall be made of a sealed, one piece hydro formed reflector with semi specular finish. Distribution types 2, 3, 4 and 5 are available with a horizontally mounted lamp.

Photocontrols

Button Style: 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 on the hang-straight 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

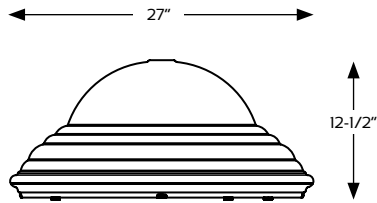
Five-year limited warranty. See product and finish warranty guide for details.

Finish

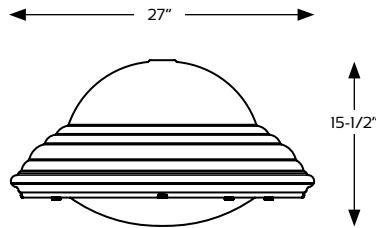
Refer to website for details.

See next page

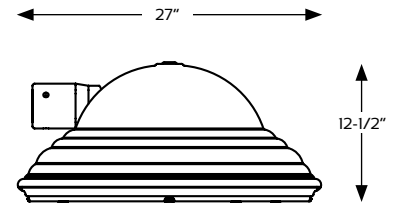
Fixture Example



E520-FG
Flat Glass Lens

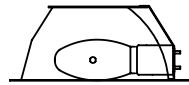


E520-SG
Sag Glass Lens



E520SM-FG
Side Mount

Optical Systems



RO
Roof Optics
Horizontal
Type 2, 3, 4 or 5