Low Voltage Landscape Lighting

Volume 2
REVISED
Corona Lighting Inc. is the designer and manufacturer of low voltage landscape lighting products. Our mission is to provide innovative designs, best quality products with most competitive prices, and more importantly, unparalleled service for our valued customers. Service is not just a slogan at Corona Lighting, but a strong belief we adhere to each and every day. Our commitment to this philosophy is the cornerstone of our company.

We are pleased and honored to introduce our new comprehensive Volume 2 catalog. You will see many new and unique products in the pages to come. While we offer numerous models in different finishes and many accessories, our delivery services are unsurpassed in the industry.

We would like to thank both our new and old valued customers for their support in last few years. Our dependable staff is always available to cater to your needs.

For additional information or to locate the professional lighting representative of Corona Lighting in your area, visit us at www.coronalighting.com

Corona Lighting Inc.
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COLOR GUIDE

POWDER COATED
BK ................. Black
BZ .................. Bronze
GR ................ Green
GT .................. Granite
RT .................. Rust
VG ................. Verde Green
WH ................ White

PLATED
CU ............... Copper
PB ................. Polish Brass
SI ................ Silver

NATURAL
BR ................. Brass
PC ................. Polish Copper
RC ................. Raw Copper
SS .............. Stainless Steel

NATURAL TONING
Process Colors on some brass products
AB ............ Antique Bronze
OC ............ Old Copper

COLOR CHART

POWDER COATED
BK (Black)
RT (Rust)

PLATED
CU (Copper)
BZ (Bronze)
VG (Verde Green)
PR (Polish Brass)

NATURAL
BR (Brass)
PC (Polish Copper)
RC (Raw Copper)
SS (Stainless Steel)

NATURAL TONING
AB (Antique Bronze)
OC (Old Copper)

Note: Not all finishes available for all fixtures
- See page 1 through 8 to select appropriate finishes of each fixture before ordering.
- When ordering, add the 2 letter color code to the end of the product number.
As the designer and manufacturer of landscape lighting products, Corona Lighting dutifully provides you with the newest designs in landscape lighting systems. Corona Lighting is proud to offer LED luminaires, providing un-paralleled resilience, efficiency and power to meet your landscape lighting needs. Moreover, Corona LED fixtures can easily be combined with existing lighting systems.

ADVANTAGES OF USING LED LAMPS:
- High efficiency and long life span
- No damage to lamp sockets due to heat release
- Maintenance and service free
- No effect of humidity on lamp socket
- Low cost of electric consumption
- Truly environmentally friendly
- No voltage drop problems
- Lead and mercury free
SPECIFICATIONS

HOUSING: Die-cast solid brass. Easy turn & lock shrouds with silicone "O" ring gaskets.

FINISH: Natural toning process, available in AB-Antique Bronze, BR-Natural Brass and SI-Silver Plated. Antique Bronze finish will vary due to artistic natural process.

LENS: Clear and heat resistant convex shape glass.

See page 86 for special effect lenses and honeycomb louver.

LAMP TYPE: 12V, MR-16 halogen, 50W max.

See page 88 for LED and color MR-16 lamps.

MOUNTING: Adjustable cast brass knuckle with 1/2" NPT, including ABS ground spike.

See page 85 for optional mounting hardware.

WIRING: Fixtures are prewired with a 3-foot pigtail of burial cable.
12 VOLT DIRECTIONAL LIGHTS

SPECIFICATIONS

HOUSING: Die-cast solid brass. Easy turn & lock shrouds with silicone “O” ring gaskets.
FINISH: Natural toning process, available in AB-Antique Bronze (BR-Natural Brass and SI-Silver Plated for CL-525B only). AB finish will vary due to artistic natural process.
LENS: Clear and heat resistant glass (convex shape lens for CL-525B).

See page 86 for special effect lenses and honeycomb louver used in CL-525B and CL-526B only.

LAMP TYPE: 12V, MR-16 halogen, 50W max. for CL-525B, 75W max. for CL-526B and PAR36, 50W max. for CL-519B. See page 88 for LED and color MR-16 lamps.

MOUNTING: Adjustable cast brass knuckle with 1/2” NPT, including ABS ground spike.

See page 85 for optional mounting hardware.

WIRING: Fixtures are prewired with a 3-foot pigtail of burial cable.

- CL-525B and CL-526B are supplied with 20W MR-16 and CL-519B could be supplied with different kinds of PAR36 lamps.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.

CL-525B-SI
CL-526B-AB
CL-519B-AB

LED AVAILABLE
FOR CL-525B AND CL-526B ONLY

12v Mr-16 50W Max.

12v Mr-16 75W Max.

12v Mr-16 50W Max.

For CL-525B and CL-526B only.

See page 86 for special effect lenses and honeycomb louver used in CL-525B and CL-526B only.
12 VOLT DIRECTIONAL LIGHTS

SPECIFICATIONS

HOUSING: Die-cast solid brass. Easy turn & lock shrouds with silicone "O" ring gaskets.

FINISH: Natural toning process, available in AB-Antique Bronze and BR-Natural Brass. Antique Bronze finish will vary due to artistic natural process.

LENSES: Clear and heat resistant convex shape glass.

See page 86 for special effect lenses and honeycomb louver.

LAMP TYPE: 12V, MR-16 halogen, 50W max.

See page 88 for LED and color MR-16 lamps.

MOUNTING: Adjustable cast brass knuckle with 1/2" NPT, including ABS ground spike.

See page 85 for optional mounting hardware.

WIRING: Fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W MR-16 lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
SPECIFICATIONS

HOUSING: Solid brass. Easy turn & lock shrouds with silicone “O” ring gaskets.

FINISH: BR-Natural Brass

LENS: Clear and heat resistant convex glass.

See page 86 for special effect lenses and honeycomb louver.

LAMP TYPE: 12V, MR-16 halogen, 50W max.

See page 88 for LED and color MR-16 lamps.

Mounting: Adjustable brass knuckle with 1/2" NPT, including ground spike.

See page 85 for optional mounting hardware.

WIRING: Fixtures are prewired with a 3-foot pigtail of burial cable.
**SPECIFICATIONS**

**HOUSING:** Die-cast solid copper. Easy turn & lock shroud with Silicone gasket.

**FINISH:** Available in RC-Raw Copper.

**LENS:** Clear, tempered, and heat resistant glass (convex shape lens).
See page 86 for special effect lenses and honeycomb louver.

**LAMP TYPE:** 12V, MR-16 halogen, 35W max.
See page 88 for LED and color MR-16 lamps.

**MOUNTING:** Adjustable cast brass knuckle with 1/2" NPT, including ABS ground spike.
See page 85 for optional mounting hardware.

**WIRING:** Fixture is prewired with a 3-foot pigtail of direct burial cable.

• Fixture is supplied with 20W MR-16 lamp.
• Remote 12 Volt transformer is required.
SPECIFICATIONS

HOUSING: Die-cast solid brass.
FINISH: BR-Natural Brass
MOUNTING: Adjustable cast brass knuckle with 1/2" NPT, including brass ground spike. See page 85 for optional mounting hardware.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W MR-16 lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
12 VOLT DIRECTIONAL LIGHTS

SPECIFICATIONS

HOUSING: Solid brass. 360 degree rotatable shrouds fitted to housing with silicone “O” ring gasket.

FINISH: BR-Natural Brass

LENS: Clear, tempered, and heat resistant glass.

See page 86 for special effect lenses and honeycomb louvers.

LAMP TYPE: 12V, MR-16 halogen, 35W max. for CL-520B and 50W max. for CL-521B.

See page 88 for LED and color MR-16 lamps.

MOUNTING: Adjustable brass knuckle with 1/2” NPT, including ABS ground spike.

See page 85 for optional mounting hardware.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W MR-16 lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.

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CL-520C-PC

CL-521C-PC

CX-839
Corona Universal Connector Available.

SPECIFICATIONS

HOUSING: Solid copper. 360 degree rotatable shrouds with silicone “O” ring gasket.
FINISH: PC-Polish Copper
LENS: Clear, tempered, and heat resistant glass.
See page 86 for special effect lenses and honeycomb louver.
LAMP TYPE: 12V, MR-16 halogen, 35W max.
See page 88 for LED and color MR-16 lamps.
MOUNTING: Adjustable brass knuckle with 1/2” NPT, including ABS ground spike.
See page 85 for optional mounting hardware.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

12V MR-16
35W Max.

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12 VOLT DIRECTIONAL LIGHTS

SPECIFICATIONS

HOUSING: Solid brass.
FINISH: BR—Natural Brass.
LENS: Clear, tempered, and heat resistant glass with silicone gasket. See page 86 for special effect lenses, honeycomb louver, and frosted lens CX-380-FR.
LAMP TYPE: 12V, MR-16 halogen, 50W max. See page 88 for LED and color MR-16 lamps.
MOUNTING: Brass yoke with 1/2" NPT male bushing mounted on brass ground spike. See page 85 for optional mounting hardware.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

• Fixtures are supplied with 20W MR16 lamp.
• Remote 12 Volt transformer is required.
• See page 79 to 87 for transformers and accessories.
SPECIFICATIONS

HOUSING: Solid stainless steel.
FINISH: SS—Natural Stainless Steel.
LENS: Clear, tempered, and heat resistant glass with silicone gasket.
See page 86 for special effect lenses, honeycomb louver, and frosted lens CX-380-FR.
LAMP TYPE: 12V, MR-16 halogen, 35W max.
See page 88 for LED and color MR-16 lamps.
MOUNTING: Stainless steel yoke with 1/2” NPT male bushing mounted on stainless steel ground spike. See page 85 for optional mounting hardware.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.
12 VOLT DIRECTIONAL LIGHTS

SPECIFICATIONS

HOUSING: Die-cast aluminum.

FINISH: Polyester UV powder coated, available in BK-Black.

LENS: Clear, tempered, and heat resistant glass with silicone gasket.

See page 86 for special effect lenses, honeycomb louver, and frosted lens CX-380-FR.

LAMP TYPE: 12V, MR-16 halogen, 50W max

See page 88 for LED and color MR-16 lamps.

MOUNTING: Yoke mounted on ground spike.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W MR-16 lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
CL-505

CL-504

CL-515

CL-505

CL-505

CL-505

CL-505

CL-505

CL-505

Radiant 12V Mr-16 35W Max.
Radiant 12V Mr-16 50W Max.
Radiant 12V Mr-11 35W Max.

SPECIFICATIONS

HOUSING: Die-cast aluminum. 360 degree rotatable shroud for CL-505.


LENS: Clear, tempered, and heat resistant glass with silicone gasket. See page 86 for special effect lenses and honeycomb louvers (CL-505 and CL-515 only).


MOUNTING: Adjustable cast aluminum knuckle with 1/2” NPT, including ground spike. See page 85 for optional mounting hardware.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W lamps.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
12 VOLT DIRECTIONAL LIGHTS

SPECIFICATIONS

HOUSING: Die-cast aluminum.
LENS: Clear, tempered, and heat resistant glass with silicone gasket.
See page 86 for special effect lenses and honeycomb louver.
MOUNTING: Adjustable cast aluminum knuckle with 1/2” NPT, including ground spike.
See page 85 for optional mounting hardware.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

Fixtures are supplied with 20W lamps.
Remote 12 Volt transformer is required.
See page 79 to 87 for transformers and accessories.
When ordering, add the 2 letter color code to the end of the product number.
CL-500
CL-501
CL-502
CL-503

LED AVAILABLE FOR ALL MODELS

SPECIFICATIONS
HOUSING: Die-cast aluminum.
LENSES: Clear, tempered, and heat resistant glass with silicone gasket.
See page 86 for special effect lenses, honeycomb louver and frosted glass lens CX-251-FR.
MOUNTING: Adjustable cast aluminum knuckle with 1/2” NPT, including ground spike.
See page 85 for optional mounting hardware.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.
12 Volt Directional Lights

Corona Lighting Inc.

SPECIFICATIONS

HOUSING: Die-cast aluminum.


LENSES: Clear, tempered, and heat resistant glass.

LAMP TYPE: 12V, T3 halogen, 35W max. See page 88 for T3 xenon lamps.

MOUNTING: Adjustable cast aluminum knuckle with 1/2” NPT, including ground spike.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W T3 halogen lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.

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SPECIFICATIONS

HOUSING: Injection-molded fiberglass for high UV stability.

FINISH: BK-Black.

LENS: Clear, tempered, and heat resistant glass with silicone gasket.

See page 86 for special effect lenses, honeycomb louver and frosted glass lens CX-251-FR.

LAMP TYPE: 12V, MR-16 halogen, 35W max.

See page 88 for LED and color MR-16 lamps.

MOUNTING: Adjustable injection-molded fiberglass knuckle with 1/2" NPT, including ground spike. See page 85 for optional mounting hardware.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W MR-16 lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
SPECIFICATIONS

HOUSING: Solid brass fixtures, suspended inside a reversible flat or angled cut PVC sleeve, provides in-ground support. Fixtures are adjustable inside the PVC sleeve for light aiming.

FINISH: BR-Natural Brass fixtures. PVC sleeve available in black only.

LENS: Clear, tempered, and heat resistant glass with silicone gasket. See page 86 for special effect lenses, honeycomb louver and frosted glass lens CX-380-FR.

LAMP TYPE: 12V, MR-16 halogen, 50W max. See page 88 for LED and color MR-16 lamps.

MOUNTING: In-ground direct burial or concrete encasement. Use gravel for proper drainage. Angle cut end required to be installed 3" above the ground.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W MR-16 lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
12 VOLT WELL LIGHTS

SPECIFICATIONS

HOUSING: Solid stainless steel fixtures, suspended inside a reversible flat or angled cut PVC sleeve, provides in-ground support. Fixtures are adjustable inside the PVC sleeve for light aiming.

FINISH: SS-Natural Stainless Steel fixtures. PVC sleeve available in black only.

LENS: Clear, tempered, and heat resistant glass with silicone gasket. See page 86 for special effect lenses, honeycomb louver and frosted glass lens CX-380-FR.

LAMP TYPE: 12V, MR-16 halogen, 35W max. See page 88 for LED and color MR-16 lamps.

MOUNTING: In-ground direct burial or concrete encasement. Use gravel for proper drainage. Angle cut end required to be installed 3” above the ground.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W MR-16 lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
**12 VOLT WELL LIGHTS**

**CL-331**

**CL-332**

**CL-333**

**SPECIFICATIONS**

**HOUSING:** Aluminum and injection-molded fiberglass adjustable fixtures, suspended inside a reversible flat or angled cut PVC sleeve.

**FINISH:** Polyester UV powder coated fixtures and PVC sleeve available in black. When ordering in aluminum and fiberglass add “-BK” and “-NM” to end of product number respectively.

**LENS:** Clear, tempered, and heat resistant glass with silicone gasket. See page 86 for special effect lenses, honeycomb louver and frosted glass lens CX-380-FR.

**LAMP TYPE:** 12V, MR-16 halogen, 50W max. for aluminum and 20W max. for fiberglass fixtures. See page 88 for LED and color MR-16 lamps.

**MOUNTING:** In-ground direct burial or concrete encasement. Use gravel for proper drainage. Angle cut end required to be installed 3” above the ground.

**WIRING:** All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W MR-16 lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
SPECFICATIONS

HOUSING: Solid brass and stainless steel adjustable fixtures and lamp holder for CL-336, all suspended inside a reversible flat or angled cut PVC sleeve, provides in-ground support.

FINISH: BR- Natural Brass and SS- Stainless Steel for CL-334 fixtures.

PVC sleeve available in black only.

LENS: Clear, tempered, and heat resistant glass with a silicone gasket for CL-334. See page 86 for special effect lenses and honeycomb louver for CL-334.


MOUNTING: In-ground direct burial or concrete encasement. Use gravel for proper drainage. Angle cut end required to be installed 3” above the ground.

WIRING: CL-334 and CL-336 are prewired with a 3 and 5 foot pigtail of burial cable.
12 VOLT WELL LIGHTS

SPECIFICATIONS

HOUSING: Solid brass fixtures, mounted with tension clips inside a PVC sleeve, provides in-ground fixture support.

FINISH: BR-Natural Brass fixtures. PVC sleeve available in black only.

LENS: Clear, tempered, and heat resistant glass with silicone gasket. See page 86 for special effect lenses, honeycomb louver and frosted glass lens CX-380-FR.

LAMP TYPE: 12V, MR-16 halogen, 50W max. See page 88 for LED and color MR-16 lamps.

MOUNTING: In-ground direct burial or concrete encasement.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W MR-16 lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.

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SPECIFICATIONS

HOUSING: Solid stainless steel fixtures, mounted with tension clips inside a PVC sleeve, provides in-ground fixture support.

FINISH: SS-Natural Stainless Steel fixtures. PVC sleeve available in black only.

LENS: Clear, tempered, and heat resistant glass with silicone gasket. See page 86 for special effect lenses, honeycomb louver and frosted glass lens CX-380-FR.

LAMP TYPE: 12V, MR-16 halogen, 35W max.
See page 88 for LED and color MR-16 lamps.

MOUNTING: In-ground direct burial or concrete encasement.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

• Fixtures are supplied with 20W MR-16 lamp.
• Remote 12 Volt transformer is required.
• See page 79 to 87 for transformers and accessories.
**SPECIFICATIONS**

**HOUSING:** Die-Cast aluminum fixtures, mounted with tension clips inside a PVC sleeve, provides in-ground fixture support.

**FINISH:** Polyester UV powder coated fixtures, available in BK-Black, VG-Verde Green. PVC sleeve available in black only.

**LENS:** Clear, tempered, and heat resistant glass with silicone gasket.

See page 86 for special effect lenses, honeycomb louver and frosted glass lens CX-380-FR.

**LAMP TYPE:** 12V, MR-16 halogen, 50W max.

See page 88 for LED and color MR-16 lamps.

**MOUNTING:** In-ground direct burial or concrete encasement.

**WIRING:** All fixtures are prewired with a 3-foot pigtail of burial cable.
SPECIFICATIONS

HOUSING: Aluminum fixtures, mounted with tension clips inside a PVC sleeve, provides in-ground fixture support.

FINISH: Stainless steel face plate, available in SS-Natural Stainless Steel. PVC sleeve in black only.

LENSES: Clear, tempered, and heat resistant glass.

LAMP TYPE: 12V, MR-16 halogen, 35W max.

See page 88 for LED and color MR-16 lamps.

MOUNTING: In-ground direct burial or concrete encasement, including in-out compartment for multiple connection of fixtures. Face plates recessed to finish floor.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.
**SPECIFICATIONS**

**HOUSING:** Solid brass.

**FINISH:** BR—Natural Brass.

**LENS:** Clear, tempered, and heat resistant glass with silicone gasket.  
See page 86 for special effect lenses. honeycomb louver and frosted glass lens CX-380-FR.

**LAMP TYPE:** 12V, MR-16 halogen, 50W max.  
See page 88 for LED and color MR-16 lamps.

**MOUNTING:** In-ground direct burial or concrete encasement.

**WIRING:** All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W MR-16 lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
12 VOLT WELL LIGHTS

SPECIFICATIONS

HOUSING: Solid stainless steel.
FINISH: SS-Natural Stainless Steel.
LENS: Clear, tempered, and heat resistant glass with silicone gasket.
See page 86 for special effect lenses, honeycomb louver and frosted glass lens CX-380-FR.
LAMP TYPE: 12V, MR-16 halogen, 35W max.
See page 88 for LED and color MR-16 lamps.
MOUNTING: In-ground direct burial or concrete encasement.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W MR-16 lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.

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12 Volt Well Lights

SPECIFICATIONS

HOUSING: Die cast aluminum and injection-molded fiberglass.

FINISH: Polyester UV powder coated available in black. When ordering in aluminum and fiberglass add “-BK” and “-NM” to end of product number respectively.

LENSES: Clear, tempered, and heat resistant glass with silicone gasket.

See page 86 for special effect lenses, honeycomb louver and frosted glass lens CX-380-FR.

LAMP TYPE: 12V, MR-16 halogen, 50W max. for aluminum and 20W max. for fiberglass fixtures. See page 88 for LED and color MR-16 lamps.

MOUNTING: In-ground direct burial or concrete encasement.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W MR-16 lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
SPECIFICATIONS

HOUSING: Die cast aluminum and injection-molded fiberglass.
FINISH: Polyester UV powder coated available in BK-black, BZ-Bronze,
GR-Green on aluminum and BK-Black on fiberglass fixtures.
When ordering in fiberglass add "-NM" to end of product number.
LENS: Clear, tempered, and heat resistant glass with silicone gasket.
Frosted glass lens available.
LAMP TYPE: 12V, PAR-36, 50W max. See page 88 for color lamps.
MOUNTING: In-ground direct burial or concrete encasement.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

• Fixtures could be supplied with different kinds of PAR36 lamps.
• Remote 12 Volt transformer is required.
• See page 79 to 87 for transformers and accessories.
• When ordering, add the 2 letter color code to the end of the product number.
**CL-645B-AB MOUNTING DIAGRAM**

- **Finial**
- **Upper shade**
- **Lower Shade (inside white)**
- **Nipple to adjust shades height for light control**
- **Cage with thread on and off socket housing**
- **Clear glass lens, cover over lamp providing sprinkler-water protection**
- **Silicone “O” ring gasket seals lens to socket housing, preventing moisture penetration**
- **Socket Housing**
- **12 Volt, S.C. Bayonet Socket**
- **18” high tube with 1/2” N.P.T. on bottom**

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**SPECIFICATIONS**

**HOUSING**: Cast brass shades, adjustable in height for light control (white inside).

**FINISH**: Natural toning process, available in AB-Antique Bronze.

**LENS**: Clear glass, cover over lamp providing sprinkler-water protection, including silicone “O” ring gasket seals lens to socket housing to prevent moisture penetration.


**MOUNTING**: Brass stem with 1/2” NPT, can be stocked with variety of shades, tool free relamping, including ABS ground spike. See page 85 for optional mounting hardware.

**WIRING**: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 18W S.C. bayonet lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
**CL-648C-RC MOUNTING DIAGRAM**

- **Copper Shade (inside white)**
- **Frosted polycarbonate lens to thread directly onto shade**
- **Brass lens holder to thread off the copper tube for easy re-lamping**
- **Brass nipple (12 Volt, 2 pin halogen socket inserted inside)**
- **16” High copper tube with 1/2” N.P.T. on bottom**

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**SPECIFICATIONS**

**HOUSING:** Solid copper and brass shades.

**FINISH:** AB - Antique Bronze for CL-650B-AB, RC - Raw Copper for CL-647C-RC and CL-648C-RC.

**LENS:** Frosted polycarbonate, cover over lamp providing sprinkler-water protection

**LAMP TYPE:** 12V, T3 halogen, 20W max. See page 88 for T3 xenon lamps.

**MOUNTING:** Copper and brass tube with 1/2” N.P.T., stocked with shade assembly to thread directly onto the bottom of lens holder for tool free relamping, including ABS ground spike. See page 85 for optional mounting hardware.

**WIRING:** All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 10W T3 halogen lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
**SPECIFICATIONS**

**HOUSING:** Solid brass shade, adjustable in height for light control (white inside).

**FINISH:** Natural toning process, available in AB-Antique Bronze, OC-Old Copper.

**LENS:** Clear glass, cover over lamp providing sprinkler-water protection, including silicone “O” ring gasket seals lens to socket housing to prevent moisture penetration.

**LAMP TYPE:** 12V, S.C. bayonet, 27W max. Available with T5 wedge socket-18W max. See page 88 for xenon and halogen lamps with S.C. bayonet base.

**MOUNTING:** Brass stem with 1/2” NPT, can be stocked with variety of shades, tool free relamping, including ABS ground spike. See page 85 for optional mounting hardware.

**WIRING:** All fixtures are prewired with a 3-foot pigtail of burial cable.
CL-658B MOUNTING DIAGRAM

- Smooth shade (inside white)
- Nipple to adjust shade height for light control
- Cage with thread on and off socket housing
- Clear glass lens, cover over lamp providing sprinkler-water protection
- Silicone “O” ring gasket, seals lens to socket housing, preventing moisture penetration
- Socket Housing
- 12 Volt, S.C. Bayonet Socket
- 18” high tube with 1/2” N.P.T. on bottom

SPECIFICATIONS

HOUSING: Solid brass shade, adjustable in height for light control (white inside).
FINISH: Natural toning process, available in AB-Antique Bronze, OC-Old Copper.
LENS: Clear glass, cover over lamp providing sprinkler-water protection, including silicone “O” ring gasket seals lens to socket housing to prevent moisture penetration.
MOUNTING: Brass stem with 1/2” NPT, can be stocked with variety of shades, tool free relamping, including ABS ground spike. See page 85 for optional mounting hardware.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

• Fixtures are supplied with 18W S.C. bayonet lamp.
• Remote 12 Volt transformer is required.
• See page 79 to 87 for transformers and accessories.
• When ordering, add the 2 letter color code to the end of the product number.

CL-658B-AB
CL-657B-OC
CL-658B-AB
CL-658B-OC

12 Volt Area Lights

Corona Lighting Inc. www.coronalighting.com

XENON HALOGEN
AVAILABLE

12 Bayonet
27W Max.

12 Bayonet
27W Max.

Xenon
Halogen
Available

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**SPECIFICATIONS**

**HOUSING:** Die-cast aluminum.

**FINISH:** Polyester UV powder coated, available in BK-Black, VG-Verde Green.

**LENS:** Clear, seeded glass (clear beveled glass for CL-632).

**LAMP TYPE:** 12V, S.C. bayonet, 27W max.

See page 88 for xenon and halogen lamps with S.C. bayonet base.

**MOUNTING:** Cast aluminum sectional stem with 1/2" NPT on bottom, including ground spike.

See page 85 for optional mounting hardware.

**WIRING:** All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 18W S.C. bayonet lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
**Specifications**

**Housing:** Die-cast aluminum.

**Finish:** Polyester UV powder coated, available in **BK-Black, VG-Verde Green.**

**Lens:** Clear, seeded glass (clear beveled glass for CL-637).

**Lamp Type:** 12V, S.C. bayonet, 27W max.

See page 88 for xenon and halogen lamps with S.C. bayonet base.

**Mounting:** Cast aluminum sectional stem with 1/2” NPT on bottom, including ground spike.

See page 85 for optional mounting hardware.

**Wiring:** All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 18W S.C. bayonet lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
12 VOLT AREA LIGHTS

SPECIFICATIONS

HOUSING: Interlocking die-cast aluminum sections, assembled with 3 screws.
FINISH: Polyester UV powder coated, available in BK-Black, GR-Green, VG-Verde Green.
LENS: Frosted tempered glass with silicone gasket. Clear glass lens available.
LAMP TYPE: 12V, T3/T4 halogen, 50W max. See page 88 for T3 xenon lamps.
MOUNTING: 6” cast aluminum stem with 1/2” NPT on bottom, including ground spike. See page 85-86 for optional mounting hardware. When ordering with 3” post top or pier mount base, add “-PT” or “-PM” to end of product number respectively.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W T3 halogen lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
SPECIFICATIONS

HOUSING: Interlocking die-cast aluminum sections, assembled with 3 screws.

FINISH: Polyester UV powder coated, available in BK-Black, GR-Green, VG-Verde Green.

LENS: Frosted tempered glass with silicone gasket. Clear glass lens available.

LAMP TYPE: 12V, T3/T4 halogen, 50W max. See page 88 for T3 xenon lamps.

MOUNTING: 6” cast aluminum stem with 1/2” NPT on bottom, including ground spike. See page 85-86 for optional mounting hardware. When ordering with 3” post top or pier mount base, add “-PT” or “-PM” to end of product number respectively.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W T3 halogen lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
SPECIFICATIONS

HOUSING: Die-cast aluminum with decorative steel mesh.
FINISH: Polyester UV powder coated, available in BK-Black, GR-Green.
LENSES: Frosted tempered glass with silicone gasket. Clear glass lens available.
LAMP TYPE: 12V T3/T4 halogen, 50W max. See page 88 for T3 xenon lamps.
MOUNTING: 6" cast aluminum stem with 1/2" NPT on bottom, including ground spike.
See page 85 for optional mounting hardware.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

• Fixtures are supplied with 20W T3 halogen lamp.
• Remote 12 Volt transformer is required.
• See page 79 to 87 for transformers and accessories.
• When ordering, add the 2 letter color code to the end of the product number.
12 VOLT AREA LIGHTS

SPECIFICATIONS

HOUSING: Die-cast aluminum.

FINISH: Polyester UV powder coated, available in BK-Black, GR-Green, VG-Verde Green (BZ-Bronze and RT-Rust available on CL-616 only).

LAMP TYPE: 12V S.C. bayonet, 27W max.

See page 88 for xenon and halogen lamps with S.C. bayonet base.

MOUNTING: Cast aluminum stem with 1/2" NPT on bottom, including ground spike.

See page 85 for optional mounting hardware.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 18W S.C. bayonet lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
12V Bayonet
27W Max.

CL-624

CL-625

CL-605

CL-626

Corona Universal Connector Available.

12V T3
35W Max.

12V Bayonet
27W Max.

12V T3
35W Max.

SPECIFICATIONS
MOUNTING: Aluminum stem with 1/2” NPT on bottom, including ground spike.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

• CL-624, CL-625 are supplied with 20W T3 halogen and CL-605, CL-626 with 18W S.C. bayonet lamps
• Remote transformer is required.
• See page 79 to 87 for transformers and accessories.
• When ordering, add the 2 letter color code to the end of the product number.

www.coronalighting.com
12 VOLT AREA LIGHTS

SPECIFICATIONS

HOUSING: Die-cast aluminum.

FINISH: Polyester UV powder coated, available in BK-Black, BZ-Bronze.

LENS: Clear tempered glass for CL-620 and CL-622, white polycarbonate for CL-627 and CL-628.

LAMP TYPE: 12V, MR-11 halogen, 20W max.

MOUNTING: 1/2” NPT on bottom with ground spike.

See page 85 for optional mounting hardware.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

• Fixtures are supplied with 20W MR-11 lamp.
• Remote 12 Volt transformer is required.
• See page 79 to 87 for transformers and accessories.
• When ordering, add the 2 letter color code to the end of the product number.

CL-620

CL-622

CL-627

CL-628

Corona Lighting Inc.

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12 VOLT AREA LIGHTS

Corona Universal Connector Available.

CL-607

12V T3 20W Max.

CL-608

12V T3 20W Max.

CL-609

12V T3 20W Max.

SPECIFICATIONS


FINISH: Polyester UV powder coated, available in BK-Black, GR-Green.

LENS: Clear tempered glass disc.

LAMP TYPE: 12V, T3 halogen, 20W max. See page 88 for T3 xenon lamps.

MOUNTING: Cast aluminum stem with 1/2" NPT on bottom, including ground spike.

When ordering, add the 2 letter color code to the end of the product number.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 20W T3 halogen lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- See page 85 for optional mounting hardware.

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**Specifications**

**Housing:** Die-cast aluminum. Easy lamp replacement.

**Finish:** Polyester UV powder coated, available in BK - Black, GR - Green.

**Lamp Type:** 12V T3 halogen, 20W max. See page 86 for T3 xenon lamps.

**Mounting:** Cast aluminum stem with 1/2" NPT on bottom, including ground spike.

**Lens:** Clear tempered glass disc.

**Warning:** All fixtures are supplied with a 3 foot pigtail of burial cable. See page 55 for optional mounting hardware.

- Remote 12 volt transformer is required.
- When ordering add the 2 letter color code to the end of the product number.
- See page 79 to 87 for transformers and accessories.
- Fixtures are supplied with 20W T3 halogen lamps.
12 VOLT PATH LIGHTS

SPECIFICATIONS

HOUSING: Solid brass decorative lens holder and tubing stem.
FINISH: Natural toning process, available in AB-Antique Bronze, OC-Old Copper. Finishes will vary due to artistic natural process.
LENS: Glass tulip, available in AG-Amber Green, WH-White.
When ordering, add the 2 letter color code of glass tulip to end of product number.
LAMP TYPE: 12V, S.C. bayonet, 27W max.
See page 88 for xenon and halogen lamps with S.C. bayonet base.
MOUNTING: 1/2" NPT on bottom, including ABS ground spike.
See page 85 for optional mounting hardware.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.
**SPECIFICATIONS**

**HOUSING:** Solid brass shade and tubing stem with adjustable brass knuckle, allowing light to shine to desired area (white inside the shade).

**FINISH:** Natural toning process, available in **AB**-Antique Bronze, **OC**-Old Copper. Finishes will vary due to artistic natural process.

**LAMP TYPE:** 12V, S.C. bayonet, 27W max.

See page 88 for xenon and halogen lamps with S.C. bayonet base.

**MOUNTING:** 1/2” NPT on bottom, including ABS ground spike.

See page 85 for optional mounting hardware.

**WIRING:** All fixtures are prewired with a 3-foot pigtail of direct burial cable.

- Fixtures are supplied with 18W S.C. bayonet lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
12 VOLT PATH LIGHTS

XENON
HALOGEN
AVAILABLE

CL-715B-AB
CL-716B-Br
CL-716B-oC

12v Bayonet
27W Max.

SPECIFICATIONS

HOUSING: Solid brass bell head and tubing stem (white inside the bell head).
FINISH: Natural toning process, available in AB-Antique Bronze, OC-Old Copper and BR-Natural Brass.
Antique Bronze and Old Copper finishes will vary due to artistic natural process.
LAMP TYPE: 12V, S.C. bayonet, 27W max.
See page 88 for xenon and halogen lamps with S.C. bayonet base.
MOUNTING: 1/2” NPT on bottom, including ABS ground spike.
See page 85 for optional mounting hardware.
WIRING: All fixtures are prewired with a 3-foot pigtail of direct burial cable.

CL-715B-AB

CL-716B-Br

CL-716B-OC

• Fixtures are supplied with 18W S.C. bayonet lamp.
• Remote 12 Volt transformer is required.
• See page 79 to 87 for transformers and accessories.
• When ordering, add the 2 letter color code to the end of the product number.

12 VoLt PAth LIghts

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SPECIFICATIONS

HOUSING: Solid copper bell head and tubing stem (white inside the bell head).
FINISH: RC - Raw Copper. Will age gradually.
LAMP TYPE: 12V, S.C. Bayonet, 27W max. See page 88 for xenon and halogen lamps with S.C. bayonet base.
MOUNTING: 1/2" NPT on bottom, including ABS ground spike. See page 85 for optional mounting hardware.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.
**SPECIFICATIONS**

**HOUSING:** Brass lens holder, steel stem and decorative leaves for CL-705.

**FINISH:** Polyester UV powder coated, available in BK-Black, GR-Green, VG-Verde Green.

**LENS:** Glass tulip, available in AG-Amber Green, WH-White. When ordering, add the 2 letter color code of glass tulip to the end of the product number.

**LAMP TYPE:** 12 Volt, single contact bayonet- 27W max.

See page 88 for xenon and halogen lamps with S.C. bayonet base.

**MOUNTING:** 1/2” NPT on bottom, including ground spike.

See page 85 for optional mounting hardware.

**WIRING:** All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 18W S.C. bayonet lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
12 VOLT PATH LIGHTS

**SPECIFICATIONS**

**HOUSING:** Die-cast aluminum, steel stem and decorative leaves for CL-702.

**FINISH:** Polyester UV powder coated, available in **BK**-Black, **GR**-Green, **VG**-Verde Green.


**MOUNTING:** 1/2” NPT on bottom, including ground spike.

See page 85 for optional mounting hardware.

**WIRING:** All fixtures are prewired with a 3-foot pigtail of burial cable.
**SPECIFICATIONS**

**HOUSING:** Die-cast aluminum.

**FINISH:** Polyester UV powder coated, available in **BK-Black**, **VG-Verde Green**.

**LAMP TYPE:** 12V, S.C. bayonet, 27W max.

See page 88 for xenon and halogen lamps with S.C. bayonet base.

**MOUNTING:** 1/2” NPT on bottom, including ground spike.

See page 85 for optional mounting hardware.

**WIRING:** All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 18W S.C. bayonet lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
CL-708

CL-709

CX-839

Corona Universal Connector Available.

12 Volt Path Lights

SPECIFICATIONS

HOUSING: Die-cast aluminum.


LAMP TYPE: 12V, S.C. bayonet, 27W max.

See page 88 for xenon and halogen lamps with S.C. bayonet base.

MOUNTING: 1/2” NPT on bottom, including ground spike.

See page 85 for optional mounting hardware.

WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

• Fixtures are supplied with 18W S.C. bayonet lamp.
• Remote 12 Volt transformer is required.
• See page 79 to 87 for transformers and accessories.
• When ordering, add the 2 letter color code to the end of the product number.

12V Bayonet 27W Max.

12V Bayonet 27W Max.

CL-709

CORONA UNIVERSAL CONNECTOR AVAILABLE.
12 VOLT HANGING LIGHTS

CL-384B-BR

CL-384C-RC

CX-839

CoRona univeRsaL ConneCtoR avaiLaBle.

12v Bayonet
27W Max.

12v Bayonet
27W Max.

12 voLt Hanging LigHts

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SPECIFICATIONS

HOUSING: Solid copper and brass.
FINISH: RC-Raw Copper, BR-Natural Brass. Will age gradually.
LAMP TYPE: 12V, S.C. bayonet, 27W max.
See page 88 for xenon and halogen lamps with S.C. bayonet base.
MOUNTING: Brass loop with 5-foot adjustable stainless steel hanging cable.
WIRING: Fixtures are prewired with a 5-foot pigtail of cable.

• Fixtures are supplied with 18W S.C. bayonet lamp.
• Remote 12 Volt transformer is required.
• See page 79 to 87 for transformers and accessories.
SPECIFICATIONS

HOUSING: Die-cast aluminum.
LAMP TYPE: 12V, MR-11 halogen with clear front glass lens, 35W max.
MOUNTING: Cast aluminum loop with 5-foot stainless steel hanging cable.
WIRING: All fixtures are prewired with a 5-foot pigtail of cable.

- Fixtures are supplied with 20W MR-11 lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
12 Volt Hanging Lights

**CL-379**
- 12V MR-16
- 50W Max.
- 6½”
- 1-2½”-1

**CL-380**
- 12V MR-16
- 50W Max.
- 5½”
- 3”

**CL-381**
- 12V Bayonet
- 27W Max.
- 5½”
- 3½”

**CL-382**
- 12V Bayonet
- 27W Max.
- 6½”
- 3¾”-1

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**SPECIFICATIONS**

**HOUSING:** Die-cast aluminum fixtures, solid brass glass tulip holder for CL-382.
**FINISH:** Polyester UV powder coated, available in BK-Black, (GR-Green available on CL-380, CL-381, CL-382).
**MOUNTING:** Cast aluminum loop with 5-foot stainless steel hanging cable.
**WIRING:** All fixtures are prewired with a 5-foot pigtail of cable.

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* Remote 12 Volt transformer is required.
* See page 79 to 87 for transformers and accessories.
* When ordering, add the 2 letter color code to the end of the product number.
* When ordering, add the 2 letter color code of glass tulip to the end of the product number.

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**Corona Lighting Inc.**

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**SPECIFICATIONS**

**HOUSING:** Solid cast brass. Easy turn and lock face plates, allowing for tool free relamping.

**FINISH:** AB-Antique Bronze, BR-Natural Brass, SI-Silver Plated.

**LENS:** Frosted, tempered and heat resistant glass sealed and secured to face plates, including gasket.

**LAMP TYPE:** 12V, T5 wedge, 18W max.

**MOUNTING:** Surface mounted including mounting plate. For outdoor use only.

**WIRING:** All fixtures are prewired with a 3-foot pigtail of direct burial wire.

- Fixtures are supplied with 18W T5 wedge lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
12 VOLT STEP LIGHTS

CL-352-BR

CL-353-SS

CL-353-BR

SPECIFICATIONS

HOUSING: Solid Brass and stainless steel.
FINISH: BR-Natural Brass and SS-Natural Stainless Steel.
LENS: Frosted, tempered and heat resistant glass sealed and secured to face plates, including gasket.
LAMP TYPE: 12V T5 wedge, 18W max. See page 88 for energy efficient LED lamp.
MOUNTING: Surface mounted including mounting plate. For outdoor use only.
WIRING: All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 18W T5 wedge lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
**SPECIFICATIONS**

**HOUSING:** Die-cast aluminum.

**FINISH:** Polyester UV powder coated, available in BK-Black, WH-White, (BZ-Bronze available on CL-352, CL-353).

**LENS:** Frosted, tempered and heat resistant glass sealed and secured to face plates, including gasket.

**LAMP TYPE:** 12V, T5 wedge, 18W max. See page 88 for LED lamp used in CL-352 and CL-353.

**MOUNTING:** Surface mounted including mounting plate for CL-352, CL-353. Recessed mounted into concrete, brick, and masonry for CL-354 and CL-355. For outdoor use only.

**WIRING:** All fixtures are prewired with a 3-foot pigtail of burial cable.

- Fixtures are supplied with 18W T5 wedge lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- When ordering, add the 2 letter color code to the end of the product number.
12 VOLT STEP LIGHTS

SPECIFICATIONS

HOUSING: White powder coated steel mount box with T5 wedge socket.

FACE PLATE: Stamped steel available in CU-Copper Plated, PB-Polish Brass Plated, SI-Silver Plated, polyester UV powder coated in BK-Black, BZ-Bronze, WH-White, all with silicone gasket.

LENS: Clear polycarbonate for CL-350, tempered and heat resistant glass for CL-351 and CL-356. Lenses are sealed and secured to face plates.

LAMP TYPE: 12V, T5 wedge, 18W max. Available with S.C. bayonet lamp, 27W max. See page 88 for T5 wedge base LED, xenon and halogen lamps.

MOUNTING: Recessed box to mount into concrete, brick, and masonry. For outdoor use only.

WIRING: All fixtures are prewired with a 12-inch pigtail wire.

- Fixtures are supplied with 18W T5 wedge lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- 30-foot #18-2 direct burial fixture pigtail wire available. When ordering, add -30 to the end of the product number.
- When ordering, add the 2 letter color code to the end of the product number.

CL-350

CL-351

CL-356

CX-866 Face Plate

CX-867 Face Plate

CX-868 Face Plate

CX-730-W

Steel mount box with T5 wedge socket.
SPECIFICATIONS

HOUSING: White powder coated steel mount box with T5 wedge socket.
FACE PLATE: Stamped steel available in CU-Copper Plated, PB-Polish Brass Plated, SI-Silver Plated, polyester UV powder coated in BK-Black, BZ-Bronze, WH-White, all with silicone gasket.
LENSES: Frosted, tempered, and heat resistant glass, sealed and secured to face plates.
LAMP TYPE: 12V, T5 wedge, 18W max. Available with S.C. bayonet lamp, 27W max. See page 88 for T5 wedge base LED, xenon and halogen lamps.
MOUNTING: Recessed box to mount into concrete, brick, and masonry. For outdoor use only.
WIRING: All fixtures are prewired with a 12-inch pigtail wire.

- Fixtures are supplied with 18W T5 wedge lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- 30-foot #18-2 direct burial fixture pigtail wire available. When ordering, add -30 to the end of the product number.
- When ordering, add the 2 letter color code to the end of the product number
SPECIFICATIONS

HOUSING: White powder coated steel mount box with S.C. bayonet socket.

FACE PLATE: Stamped copper available in RC - Raw Copper, stamped brass available in AB - Antique Bronze, OC - Old Copper, SI - Silver Plated, stamped aluminum UV powder coated available in BK - Black, BZ - Bronze, RT - Rust, WH - White, all with silicone gasket.

LENS: High impact white polycarbonate sealed and secured to face plates. CL-362 is lens-less.


MOUNTING: Recessed box to mount into concrete, brick, and masonry. For outdoor use only.

WIRING: All fixtures are prewired with a 12-inch pigtail wire.
Steel mount box with two S.C. bayonet sockets.

**Width**: 8”
**Height**: 2”
**Depth**: 3”

**CL-366**
**CL-366-BZ SHOWN**

**CL-367**
**CL-367B-OC SHOWN**

**FACE PLATE**
- High impact white polycarbonate sealed and secured to face plates.

**LAMP TYPE**
- 12V, S.C. bayonet, 2 x 27W max. Available with T5 wedge lamp, 2 x 18W max.

**WIRING**
- Fixtures are supplied with 2 x 18W S.C. bayonet lamps.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- 30-foot #18-2 direct burial fixture pigtail wire available. When ordering, add -30 to the end of the product number.
- When ordering, add the 2 letter color code to the end of the product number.

**MOUNTING**
- Recessed box to mount into concrete, brick, and masonry. For outdoor use only.

**SPECIFICATIONS**

- **HOUSING**: White powder coated steel mount box with two S.C. bayonet sockets.
- **FACE PLATE**: Stamped copper available in **RC**-Raw Copper, stamped brass available in **AB**-Antique Bronze, **OC**-Old Copper, **SI**-Silver Plated, stamped aluminum UV powder coated available in **BK**-Black, **BZ**-Bronze, **RT**-Rust, **WH**-White, all with silicone gasket.
- **LENS**: High impact white polycarbonate sealed and secured to face plates.
- **LAMP TYPE**: 12V, S.C. bayonet, 2 x 27W max. Available with T5 wedge lamp, 2 x 18W max.
- See page 88 for xenon, halogen and T5 wedge base LED lamps.
- **WIRING**: All fixtures are prewired with a 12-inch pigtail wire.
APPLICATIONS: To be used in fountains, ponds, garden pools, and waterfalls. Do not use in swimming pools and spas.

- Fixture are supplied with 20W MR-16 lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.

SPECIFICATIONS

HOUSING: Solid brass and stainless steel.
FINISH: BR-Natural Brass and SS-Natural Stainless Steel.
LENS: Clear, tempered, and heat resistant glass with silicone gasket, fully sealed for underwater usage.
LAMP TYPE: 12V, MR-16 halogen, 50W max. See page 88 for LED and color MR-16 lamps.
MOUNTING: Fully adjustable mounting arm to provide light aiming. Fixtures are mounted on a heavy duty stainless steel/brass base for a firm and stable underwater placement.
WIRING: Fixtures are prewired with a 30-foot pigtail of water resistant cable. Other lengths of pigtail cables available.
**APPLICATIONS:** To be used in fountains, ponds, garden pools, and waterfalls. Do not use in swimming pools and spas.

- Fixture could be supplied with different kinds of PAR36 lamps.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.

**SPECIFICATIONS**

**HOUSING:** Solid brass.

**FINISH:** BR-Natural brass.

**LENS:** Clear, tempered, and heat resistant glass with silicone “O” ring gasket, fully sealed for underwater usage.

**LAMP TYPE:** 12V, PAR36, 50W max. See page 88 for color PAR36 lamps.

**MOUNTING:** Fully adjustable mounting arm to provide light aiming. Fixture is mounted on a heavy duty brass base for a firm and stable underwater placement.

**WIRING:** Fixture is prewired with a 30-foot pigtail of water resistant cable. Other lengths of pigtail cables available.
Applications: To be used in fountains, ponds, garden pools, and waterfalls. Do not use in swimming pools and spas.

Specifications

Housing: Die-Cast aluminum. Louvered face plate CX-852-BK available.

Finish: Polyester UV powder coated, available in BK-Black.

Lens: Clear, tempered, and heat resistant glass with silicone gasket, fully sealed for underwater usage. See page 86 for special effect lenses, honeycomb louver and frosted glass lens CX-251-FR.

Lamp Type: 12V, MR-16 halogen, 50W max. See page 88 for LED and color MR-16 lamps.

Mounting: Fully adjustable mounting arm to provide light aiming. Fixture is mounted on a weighted square base for a firm and stable underwater placement.

Wiring: Fixture is prewired with a 30-foot pigtail of water resistant cable. Other lengths of pigtail cables available.
**SPECIFICATIONS**

**HOUSING:** Injection-molded fiberglass for CL-320-NM, non corrosive high impact polycarbonate for CL-321-NM.

**FINISH:** Polyester UV powder coated, available in BK-Black.

**LENS:** Clear, tempered, and heat resistant glass with interior reflector for CL-320-NM. Clear, heat and impact resistant polycarbonate for CL-321-NM.

All fixtures are fully sealed for underwater usage including silicone gasket.

**LAMP TYPE:** 12V, T3 halogen, 35W max. for CL-320-NM, T5 wedge, 18W max. for CL-321-NM. See page 88 for T5 wedge base LED for CL-321-NM, and T3 xenon for CL-320-NM.

**MOUNTING:** CL-320-NM is fully adjustable to provide light aiming, mounted on a heavy duty stainless steel round base including in-out compartment for multiple connection of fixtures.

CL-321-NM includes an interior weighted cast iron block mounted on its base. All fixtures suitable for a firm and stable underwater placement.

**WIRING:** All fixture are prewired with a 30-foot pigtail of water resistant cable.

**APPLICATIONS:** To be used in fountains, ponds, garden pools, and waterfalls.

Do not use in swimming pools and spas.

- CL-320-NM is supplied with 20W T3 halogen and CL-321-NM with 18W wedge lamps.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
12 VOLT FLEXIBLE B.B.Q. - DECK LIGHTS

**SPECIFICATIONS**

**HOUSING:** Solid brass bell head for CL-806-D-SI and die cast aluminum for CL-807-D-SI with flexible steel arms, available in 24" and 36" length.

**FINISH:** Chrome plated fixtures and flexible arms, available in SI - Silver Plated.

**LENS:** Clear, tempered and heat resistant glass (CL-806-D-SI is lens-less)

**LAMP TYPE:**
- CL-806-D-SI, 12V T3 halogen with S.C. bayonet base, 20W max.
- CL-807-D-SI, 12V MR-16 halogen, 50W max.

See page 88 for S.C. xenon lamp used in CL-806-D-SI and LED, color MR-16 lamps used in CL-807-D-SI.

**MOUNTING:** 3" round aluminum base canopy, chrome plated, with on/off push button covered by rubber boot.

**WIRING:** Fixtures are prewired with a 3-foot pigtail of cable.

- Fixtures are supplied with 20W lamp.
- Remote 12 Volt transformer is required.
- See page 79 to 87 for transformers and accessories.
- To indicate the length of the arm, add "-24"-36" to the end of the product number.
SPECIFICATIONS


FINISH: Polyester UV powder coated, available in BK-Black.

LENS: Clear, tempered, and heat resistant glass (CL-803-D is lens-less).

LAMPS: CL-801-D, 12V, T3 halogen, 35W max.
CL-802-D, 12V, MR-11 halogen, 35W max.
CL-803-D, 12V, MR-16 halogen, 50W max.
CL-807-D, 12V, MR-16 halogen, 50W max.

MOUNTING: 3" round aluminum base canopy with on/off push button covered by rubber boot.

WIRING: All fixtures are prewired with a 3-foot pigtail of cable.

• Fixtures are supplied with 20W lamp.
• Remote 12 Volt transformer is required.
• See page 79 to 87 for transformers and accessories.
• To indicate an arm length, add “-BK-12”, “-BK-24”, “-BK-36” to the end of the product number.
SPECIFICATIONS


FINISH: Chrome plated fixtures and flexible arms, available in SI - Silver Plated.

LENS: Clear, tempered and heat resistant glass (CL-806-F-SI is lens-less)

CL-807-F-SI, 12V MR-16 halogen, 50W max.

See page 88 for S.C. xenon and T3 halogen lamps used in CL-806-F-SI and LED, color MR-16 lamps used in CL-807-F-SI.

MOUNTING: 1/2" NPT on bottom, including ground spike.

WIRING: Fixtures are prewired with a 3-foot pigtail of cable.

• CL-806-F-SI is supplied with 18W S.C. bayonet and CL-807-F-SI with 20W MR-16 lamps.
• Remote 12 Volt transformer is required.
• See page 79 to 87 for transformers and accessories.
• To indicate the length of the arm, add "-24"-36" to the end of the product number.
SPECIFICATIONS

HOUSING: Die-cast aluminum with flexible steel black polyolefin shrink wrap arm, available in 12”, 24”, 36” length.

FINISH: Polyester UV powder coated, available in BK-Black.

LENS: Clear, tempered, and heat resistant glass (CL-803-F is lens-less).

LAMP TYPE:
- CL-801-F, 12V, T3 halogen, 35W max.
- CL-802-F, 12V, MR-11 halogen, 35W max.
- CL-803-F, 12V, MR-16 halogen, 50W max.
- CL-807-F, 12V, MR-16 halogen, 50W max.

MOUNTING: 1/2” NPT on bottom, including ground spike.

WIRING: All fixtures are prewired with a 3-foot pigtail of cable.
120 VOLT FLOOD LIGHTS

SPECIFICATIONS

HOUSING: Vandal and corrosion resistant injection molded polycarbonate with anodized aluminum reflector. Suitable for wet location.


LENS: High impact clear polycarbonate prismatic lens with tabular silicone lens gasket.

LAMP TYPE: One, two, or three 13 watt twin tube PL compact fluorescent, 2 pin, GX23 base.

MOUNTING: 3”x1/2” threaded cast aluminum swivel knuckle for flexible aiming.

BALAST: 120 Volts, normal power factor.

• Fixtures are supplied with cool white 4100K lamp. Warm white 2700K lamp available.
• When ordering, add the 2 letter color code to the end of the product number.
T-ST SERIES, MULTI-TAP LOW VOLTAGE TRANSFORMERS

SPECIFICATIONS
AVAILABLE WATTAGE: 300W single circuit, 600W dual circuit, 900W triple circuit.
PRIMARY VOLTAGE: 120 Volts
SECONDARY VOLTAGE: 12, 13, 14 Volts
SECONDARY PROTECTION: Re-settable circuit breaker.
ENCLOSURE: Polished stainless steel.
WIRING: Heavy gauge, grounded and water resistant 6 foot power cord with plug.

FEATURES
• NEMA 3R outdoor rated enclosure, seals components from moisture.
• ½” and ¾” knockouts on bottom of enclosure to mount conduit.
• Removable cover door and keyhole wall mount brackets.
• Wiring compartment with over size lugs for easy cable hook-up.
• Copper tubes for best connection of main cable to terminals.
• Field installed 24-hour plug-in timer available.
• Field installed 25 foot remote photocell available.
• 3 position function switch: Photo, Off, Photo & Timer.
• X-10 PRO remote control compatible.

PRODUCT ORDERING INFORMATION

<table>
<thead>
<tr>
<th>PRODUCT NUMBER</th>
<th>PRODUCT DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-ST300</td>
<td>300W, 12-14V, single circuit transformer (300W x 1)</td>
</tr>
<tr>
<td>T-ST300-T</td>
<td>300W, 12-14V, single circuit transformer with plug-in timer</td>
</tr>
<tr>
<td>T-ST300-P</td>
<td>300W, 12-14V, single circuit transformer with 25 foot remote photocell</td>
</tr>
<tr>
<td>T-ST300-TP</td>
<td>300W, 12-14V, single circuit transformer with plug-in timer and 25 foot remote photocell</td>
</tr>
<tr>
<td>T-ST600</td>
<td>600W, 12-14V, dual circuit transformer (300W x 2)</td>
</tr>
<tr>
<td>T-ST600-T</td>
<td>600W, 12-14V, dual circuit transformer with plug-in timer</td>
</tr>
<tr>
<td>T-ST600-P</td>
<td>600W, 12-14V, dual circuit transformer with 25 foot remote photocell</td>
</tr>
<tr>
<td>T-ST600-TP</td>
<td>600W, 12-14V, dual circuit transformer with plug-in timer and 25 foot remote photocell</td>
</tr>
<tr>
<td>T-ST900</td>
<td>900W, 12-14V, triple circuit transformer (300W x 3)</td>
</tr>
<tr>
<td>T-ST900-T</td>
<td>900W, 12-14V, triple circuit transformer with plug-in timer</td>
</tr>
<tr>
<td>T-ST900-P</td>
<td>900W, 12-14V, triple circuit transformer with 25 foot remote photocell</td>
</tr>
<tr>
<td>T-ST900-TP</td>
<td>900W, 12-14V, triple circuit transformer with plug-in timer and 25 foot remote photocell</td>
</tr>
</tbody>
</table>

ACCESSORIES: See page 81

- Caution: Always use installation instruction sheet prior to hook-up. Improper installation will result in permanent damage to system and voids warranty.
12 VOLT SERIES TRANSFORMERS

T-MT SERIES, MULTI-TAP LOW VOLTAGE TRANSFORMERS

SPECIFICATIONS

AVAILABLE WATTAGE: 300W single circuit, 600W dual circuit, 900W triple circuit, 1200W quad circuit.

PRIMARY VOLTAGE: 120 Volts

SECONDARY VOLTAGE: 12, 13, 14, 15 Volts.

PRIMARY AND SECONDARY PROTECTION: Both re-settable circuit breakers.

ENCLOSURE: Polished stainless steel.

WIRING: Heavy duty gauge, grounded and water resistant 6 foot power cord with plug.

FEATURES

• NEMA 3R outdoor rated enclosure, seals components from moisture.
• Wiring compartment with a cover plate isolate the live components providing safe and easy access to the timer and circuit breakers.
• Double section bobbins provide maximum isolation between the primary and secondary windings.
• Large terminal blocks for multiple low voltage cables connections.
• ½" knockouts on bottom of enclosure to mount conduits and photocell.
• Field installed 24-hour plug-in timer available.
• Field installed plug-in photocell available.
• X-10 PRO remote control compatible.

PRODUCT               APPROX. DIMENSIONS IN INCHES
WATTAGE               HEIGHT    WIDTH    DEPTH
300W                   16.14     7.76     5.33
600W                   16.14     7.76     5.33
900W                   18.15     8.11     7.11
1200W                  18.15     8.11     7.11
**T-MT SERIES TRANSFORMERS ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>STAINLESS STEEL ENCLOSURE</th>
<th>PRODUCT DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-MT300-SS</td>
<td>300W, 12-15V, single circuit transformer (300W x 1)</td>
</tr>
<tr>
<td>T-MT300-T-SS</td>
<td>300W, 12-15V, single circuit transformer with 24-hour plug-in timer</td>
</tr>
<tr>
<td>T-MT300-P-SS</td>
<td>300W, 12-15V, single circuit transformer with field installed photocell</td>
</tr>
<tr>
<td>T-MT300-TP-SS</td>
<td>300W, 12-15V, single circuit transformer with 24-hour plug-in timer and field installed photocell</td>
</tr>
<tr>
<td>T-MT600-SS</td>
<td>600W, 12-15V, dual circuit transformer (300W x 2)</td>
</tr>
<tr>
<td>T-MT600-T-SS</td>
<td>600W, 12-15V, dual circuit transformer with 24-hour plug-in timer</td>
</tr>
<tr>
<td>T-MT600-P-SS</td>
<td>600W, 12-15V, dual circuit transformer with field installed photocell</td>
</tr>
<tr>
<td>T-MT600-TP-SS</td>
<td>600W, 12-15V, dual circuit transformer with 24-hour plug-in timer and field installed photocell</td>
</tr>
<tr>
<td>T-MT900-SS</td>
<td>900W, 12-15V, triple circuit transformer (300W x 3)</td>
</tr>
<tr>
<td>T-MT900-T-SS</td>
<td>900W, 12-15V, triple circuit transformer with 24-hour plug-in timer</td>
</tr>
<tr>
<td>T-MT900-P-SS</td>
<td>900W, 12-15V, triple circuit transformer with field installed photocell</td>
</tr>
<tr>
<td>T-MT900-TP-SS</td>
<td>900W, 12-15V, triple circuit transformer with 24-hour plug-in timer and field installed photocell</td>
</tr>
<tr>
<td>T-MT1200-SS</td>
<td>1200W, 12-15V, quad circuit transformer (300W x 4)</td>
</tr>
<tr>
<td>T-MT1200-T-SS</td>
<td>1200W, 12-15V, quad circuit transformer with 24-hour plug-in timer</td>
</tr>
<tr>
<td>T-MT1200-P-SS</td>
<td>1200W, 12-15V, quad circuit transformer with field installed photocell</td>
</tr>
<tr>
<td>T-MT1200-TP-SS</td>
<td>1200W, 12-15V, quad circuit transformer with 24-hour plug-in timer and field installed photocell</td>
</tr>
</tbody>
</table>

- The transformers are dimmable with the dimmers designed for magnetic transformers (on primary only).
- Power factor @ full load: 0.98

**ACCESSORIES**

- **T-FIT**
  24 hour plug-in timer
  Use with T-ST and T-MT series only

- **T-MT-FIP**
  Field installed photocell
  Use with T-MT series only

- **T-ST-FIP**
  25 foot remote photocell
  Use with T-ST series only

**Caution:** Always use installation instruction sheet prior to hook-up. Improper installation will result in permanent damage to system and voids warranty.
T-C & T-CX SERIES, COMPACT LOW VOLTAGE TRANSFORMERS

SPECIFICATIONS
AVAILABLE WATTAGE: 150, 200, 250, 300W single circuit,
300, 500, 600W dual circuit, 750W triple circuit, 1000, 1200W quad circuit.
PRIMARY VOLTAGE: 120 Volts
SECONDARY VOLTAGE: 12-24 Volts (12 volts for T-C series)
PRIMARY PROTECTION: Resettable circuit breaker.
Secondary protection optional.
ENCLOSURE: Metal, powder coated in black.
Polished stainless steel available.

FEATURES
• NEMA 3R outdoor rated enclosure with keyhole wall mount brackets.
• ½" knockouts on bottom of enclosure to mount conduit.
• Lead wire terminals for easy cable installation.
• Standard boost tap, compensate for longer runs.
• Dimmable with any incandescent dimmer.
• Whisper quiet operation.

TRANSFORMER ORDERING INFORMATION

<table>
<thead>
<tr>
<th>PRODUCT NUMBER</th>
<th>PRODUCT DESCRIPTION</th>
<th>APPROX. DIMENSIONS IN INCHES</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-C-150</td>
<td>150W, 12V, single circuit transformer</td>
<td>7.50&quot; 3.11&quot; 2.94&quot;</td>
</tr>
<tr>
<td>T-C-200</td>
<td>200W, 12V, single circuit transformer</td>
<td>7.50&quot; 3.11&quot; 2.94&quot;</td>
</tr>
<tr>
<td>T-C-250</td>
<td>250W, 12V, single circuit transformer</td>
<td>8.00&quot; 4.10&quot; 3.10&quot;</td>
</tr>
<tr>
<td>T-C-300</td>
<td>300W, 12V, single circuit transformer</td>
<td>8.00&quot; 4.10&quot; 3.10&quot;</td>
</tr>
<tr>
<td>T-C-750</td>
<td>750W, 12V, triple circuit transformer</td>
<td>9.41&quot; 4.60&quot; 4.10&quot;</td>
</tr>
<tr>
<td>T-CX-300</td>
<td>300W, 12-24V, dual circuit transformer</td>
<td>8.00&quot; 4.10&quot; 3.10&quot;</td>
</tr>
<tr>
<td>T-CX-500</td>
<td>500W, 12-24V, dual circuit transformer</td>
<td>9.41&quot; 4.60&quot; 4.10&quot;</td>
</tr>
<tr>
<td>T-CX-600</td>
<td>600W, 12-24V, dual circuit transformer</td>
<td>9.41&quot; 4.60&quot; 4.10&quot;</td>
</tr>
<tr>
<td>T-CX-900</td>
<td>900W, 12-24V, triple circuit transformer</td>
<td>10.30&quot; 6.78&quot; 5.63&quot;</td>
</tr>
<tr>
<td>T-CX-1000</td>
<td>1000W, 12-24V, quad circuit transformer</td>
<td>10.30&quot; 6.78&quot; 5.63&quot;</td>
</tr>
<tr>
<td>T-CX-1200</td>
<td>1200W, 12-24V, quad circuit transformer</td>
<td>10.30&quot; 6.78&quot; 5.63&quot;</td>
</tr>
</tbody>
</table>

OPTIONS:
1. Available with stainless steel enclosure.
   When ordering add “-SS” to the end of the product number.
   When ordering add “-SC” to the end of the product number.
3. Available in 277 volt primary voltage (T-C-300 and T-CX-600 only).
   When ordering add “-HV” to the end of the product number.
4. Available with cord and plug.
   When ordering add “-CP” to the end of the product number.

The above product numbers are only for representation of different compact low voltage transformers.

Caution: Always use installation instruction sheet prior to hook-up. Improper installation will result in permanent damage to system and voids warranty.
T-BB SERIES, BUCK-BOOST LOW VOLTAGE TRANSFORMERS

SPECIFICATIONS
AVAILABLE WATTAGE: 100, 150, 250, 500, 750, 1000, 1500, 2000W, single circuit.
PRIMARY VOLTAGE: 120-240 Volts
SECONDARY VOLTAGE: 12-24 Volts
ENCLOSURE: Steel, in gray finish.

FEATURES
• NEMA 3R outdoor rated enclosure with keyhole wall mount brackets.
• ½” and ¼” knockouts on sides and bottom of enclosure to mount conduits.
• Dead front output cover with easy access wiring compartment.
• Lead wire terminals for easy installation.
• Fully encapsulated core and coil.

TRANSFORMER ORDERING INFORMATION

<table>
<thead>
<tr>
<th>PRODUCT NUMBER</th>
<th>PRODUCT DESCRIPTION</th>
<th>APPROX. DIMENSIONS IN INCHES</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-BB-100</td>
<td>100W, 12-24V, Single circuit transformer</td>
<td>8.00 3.30 3.10</td>
</tr>
<tr>
<td>T-BB-150</td>
<td>150W, 12-24V, Single circuit transformer</td>
<td>8.00 3.30 3.10</td>
</tr>
<tr>
<td>T-BB-250</td>
<td>250W, 12-24V, Single circuit transformer</td>
<td>8.00 3.30 3.10</td>
</tr>
<tr>
<td>T-BB-500</td>
<td>500W, 12-24V, Single circuit transformer</td>
<td>10.20 5.10 4.60</td>
</tr>
<tr>
<td>T-BB-750</td>
<td>750W, 12-24V, Single circuit transformer</td>
<td>10.20 5.10 4.60</td>
</tr>
<tr>
<td>T-BB-1000</td>
<td>1000W, 12-24V, Single circuit transformer</td>
<td>10.20 5.10 4.60</td>
</tr>
<tr>
<td>T-BB-1500</td>
<td>1500W, 12-24V, Single circuit transformer</td>
<td>12.50 6.70 5.30</td>
</tr>
</tbody>
</table>

The above product numbers of T-BB series are only for representation of different name brands.

- Caution: Always use installation instruction sheet prior to hook-up. Improper installation will result in permanent damage to system and voids warranty.
T-COMPACT ELECTRONIC SERIES, LOW VOLTAGE TRANSFORMERS

SPECIFICATIONS
AVAILABLE WATTAGE: 60, 75, 150, 300W, single circuit
PRIMARY VOLTAGE: 120 Volts
SECONDARY VOLTAGE: 12 Volts
PROTECTION: Electronic internal reset.

TRANSFORMER ORDERING INFORMATION

<table>
<thead>
<tr>
<th>PRODUCT NUMBER</th>
<th>PRODUCT DESCRIPTION</th>
<th>APPROX. DIMENSIONS IN INCHES</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-LRT-60</td>
<td>60W, 12V, plug-in, 10-foot leadwire, UL-CUL</td>
<td>3.00 1.50 1.00</td>
</tr>
<tr>
<td>T-LET-75</td>
<td>75W, 12V, hardwire, 6-inch leadwire, UR</td>
<td>2.00 1.25 0.75</td>
</tr>
<tr>
<td>T-LET-151</td>
<td>150W, 12V, hardwire, 6-inch leadwire, UR</td>
<td>3.25 1.40 1.00</td>
</tr>
<tr>
<td>T-LVT-303</td>
<td>300W, 12V, hardwire, 6-inch leadwire, UR</td>
<td>9.25 1.60 1.50</td>
</tr>
</tbody>
</table>

- T-LRT-60 can be plugged to 120V receptacle to power low voltage fixture up to 60W.
- T-LET-75 can be retrofit in 120V junction box to power single or multiple low voltage fixtures up to 75W.
- All compact electronic series are dimmable.

T-DB SERIES, DIRECT BURIAL LOW VOLTAGE TRANSFORMERS

SPECIFICATIONS
AVAILABLE WATTAGE: 300W single circuit, 600W dual circuit, 900W triple circuit. Other wattage available.
PRIMARY VOLTAGE: 120 Volts
SECONDARY VOLTAGE: 12, 13, 14 Volts
ENCLOSURE: Heavy duty high temperature fiberglass composite box and cover.

TRANSFORMER ORDERING INFORMATION

<table>
<thead>
<tr>
<th>PRODUCT NUMBER</th>
<th>PRODUCT DESCRIPTION</th>
<th>APPROX. DIMENSIONS IN INCHES</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-DB-300</td>
<td>300W, 12-14V, single circuit transformer, ETL</td>
<td>7.00 9.00 9.00</td>
</tr>
<tr>
<td>T-DB-600</td>
<td>600W, 12-14V, dual circuit transformer, ETL</td>
<td>7.00 12.00 12.00</td>
</tr>
<tr>
<td>T-DB-900</td>
<td>900W, 12-14V, triple circuit transformer, ETL</td>
<td>7.00 12.00 12.00</td>
</tr>
</tbody>
</table>

- Available in 277 Volt primary. Consult with factory.
- The product numbers of T-DB series are only for representation of different name brands.

Caution: Always use installation instruction sheet prior to hook-up. Improper installation will result in permanent damage to system and voids warranty.
PVC MOUNTING POSTS & CAPS
CX-601 1” post, with 1/2” NPT hub
CX-602 2” post, with 1/2” NPT hub
CX-603 3” post, with 1/2” NPT brass hub
CX-604 1” adjustable, with 1/2” NPT hub
All available in BK-Black, VG-Verde Green. CX-604 in BK-Black only.

GROUND SPIKES
CX-640 Aluminum, male, 6”x1/2” NPT hub
CX-641 Aluminum, female, 6”x1/2” NPT hub
CX-642 ABS, female, 8.5”x1/2” NPT Hub
All available in BK-Black. CX-646 available in BR-Brass, SS-Stainless Steel.

MOUNTING CANOPIES
CX-701-BK Aluminum round canopy, with 3x1/2” NPT female hub, Black
CX-702-BK Aluminum rectangular canopy, with 3x1/2” NPT female hub, Black
CX-703-BK Aluminum round mini canopy, with screws and 1/2” NPT female hub, Black
CX-703-BR Brass round mini canopy, with screws and 1/2” NPT female hub, Natural Brass
CX-705B-AB Brass round mini canopy, with 1/2” NPT female hub, Antique Bronze
CX-705B-ABR Brass round mini canopy, with 1/2” NPT female hub, Natural Brass
CX-705B-OC Brass round mini canopy, with 1/2” NPT female hub, Old Copper
CX-705B-SI Brass round mini canopy, with 1/2” NPT female hub, Silver Plated
CX-852-BK Aluminum guard face plate for CL-310-BK, Black

RUBBER STRAPS AND TREE MOUNT CANOPIES
CX-710 9” strap, Black
CX-711 15” strap, Black
CX-712 22” strap, Black
CX-713 31” strap, Black
CX-714 41” strap, Black
All available in BK and BR

MOUNTING BRACKETS
CX-700 Aluminum triangle bracket, with 1/2” NPT hub
CX-704 Aluminum oval bracket, with 1/2” NPT hub
All available in BK-Black, BZ-Bronze, GR-Green GT-Granite, RT-Rust, VG-Verde Green, WH-White

• When ordering, add 2 letter color code to the end of the product number.
12 VOLT ACCESSORIES AND PARTS

MOUNTING STEMS
CX-671 6” aluminum, with coupling on end
CX-672 12” aluminum with coupling on end
CX-673 18” aluminum with coupling on end
CX-680 1/2” aluminum coupling

All available in BK-Black,
BZ-Bronze, GR-Green,
GT-Granite, RT-Rust, VG-Verde Green, WH-White

LOW VOLTAGE CABLES
CX-208 12 Volt, single circuit, 8-2 direct burial cable, 250 foot reel, Black
CX-210 12 Volt, single circuit, 10-2 direct burial cable, 500 foot reel, Black
CX-212 12 Volt, single circuit, 12-2 direct burial cable, 500 foot reel, Black

• 8-2 available in 100 foot reel, 10-2 and 12-2 available in 250 foot and 100 foot reels.
When ordering, add your desired length to the end of the product number.
• Cables are two conductor copper stranded with black PVC insulation.

PVC JUNCTION BOXES
CX-855 4”W x 4”D x 4”H, Gray
CX-856 6”W x 6”D x 6”H, Gray
CX-857 8”W x 8”D x 7”H, Gray

CABLE CONNECTORS
CX-854 Direct burial wire nut
CX-858 Speedy connector, up to 10-2
CX-839 Universal connector, up to 8-2, one/pack

SPECIAL LENSES AND HONEYCOMB LOUVER
CX-238 MR-16 snap on holder, silver plated
CX-239 MR-16 honeycomb louver, Black
CX-240 MR-16 color lens, flat*

CX-241 MR-16 lens, linear spread
CX-242 MR-16 lens, frosted
CX-243 MR-16 lens, prismatic

* Available in AM-Amber, BL-Blue, GR-Green, RD-Red, YL-Yellow
• Needs snap on holder CX-238 to hold lenses and louver on MR-16 lamps in most applications.

GLASS LENSES
CX-251-FR Frosted glass lens, 2-5/8” O.D.
CX-302-CL Clear glass lens for 2 tier pagodas
CX-302-FR Frosted glass lens for 2 tier pagodas
CX-303-CL Clear glass lens for 3 tier pagodas
CX-303-FR Frosted glass lens for 3 tier pagodas
CX-304-CL Clear glass lens for 4 tier pagodas

CX-304-FR Frosted glass lens for 4 tier pagodas
CX-340-AG Glass tulip, Amber Green
CX-340-WH Glass Tulip, White
CX-380-FR Frosted glass lens, 2-7/8” O.D.
CX-381-FR Frosted glass lens, 5.00” O.D.

PIER MOUNT BASE AND POST TOP FOR PAGODAS
CX-697 3” aluminum pier mount base for pagoda lights
CX-698 3” aluminum post top for CL-602, 603, 604
CX-699 3” aluminum post top for CL-642, 643, 644

All available in BK-Black, GR-Green, VG-Verde Green

• When ordering, add 2 letter color code to the end of the product number.
HOME AUTOMATION

X-PAT01  Base transceiver, left
X-PHR03  Hand held remote, right
X-PHR04  Key chain remote, top

X-XPS3   on-off switch, left
X-PA011  Duplex receptacle, right
X-PHT02  Mini timer, middle

CONTROLLERS

X-PHC01  X-10 Mini controller, 8 stations, available in black and white
X-PHC02  X-10 Mini controller, 16 stations, available in back
X-XPMT1  X-10 Mini timer, available in white
X-PHR04  X-10 Key chain remote controller, available in gray
X-PHR03  X-10 Hand held remote controller, available in white
X-PAT01  X-10 Base transceiver, available in white
X-PHS01  X-10 Dual flood light motion detector, available in gray

RECEIVERS

X-PAM01  X-10 Appliance module, 2 Pin, available in white
X-PAM02  X-10 Appliance module, 3 Pin, available in white
X-PLM01  X-10 Plug-in incandescent dimmer, available in white
X-XPS3   X-10 On-Off rocker switch, with white and ivory covers
X-PA011  X-10 Half-switched duplex receptacle, 15A, available in white only
X-XPDI3  X-10 Inductive dimmer, with white and ivory covers

X-10 is a network of controllers and receivers which send unique coded signals through home's wiring in order to control lights and appliances automatically. X-10 is affordable, easy to install and simple to use in most applications such as turning ON and OFF the lights at selected intervals or controlling lights by using hand held controller from inside of your car. X-10 turns any home into a comfortable and secured living environment.

For more information about X-10 PRO products contact 1-800-411-2888 or visit web site at WWW.X10PRO.COM
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<th>Part Number</th>
<th>Watts</th>
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<td>T5 Wedge LED</td>
<td>L-EDWDG</td>
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</table>

MB stands for major brand lamps.

Halogen lamps life span is 2000 HRS.

Xenon lamps life span is 10000 HRS.
## MR-16 HALOGEN LAMPS

<table>
<thead>
<tr>
<th>LAMP CODE</th>
<th>WATTS</th>
<th>VOLTS</th>
<th>BASE</th>
<th>BEAM SPREAD</th>
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<tbody>
<tr>
<td>BAB</td>
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<td>Bi-Pin</td>
<td>Flood 36°</td>
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<td>ESX</td>
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<td>12</td>
<td>Bi-Pin</td>
<td>Spot 12°</td>
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<td>FMW</td>
<td>35</td>
<td>12</td>
<td>Bi-Pin</td>
<td>Flood 36°</td>
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<tr>
<td>EXN</td>
<td>50</td>
<td>12</td>
<td>Bi-Pin</td>
<td>Flood 36°</td>
</tr>
<tr>
<td>EXT</td>
<td>50</td>
<td>12</td>
<td>Bi-Pin</td>
<td>Spot 12°</td>
</tr>
<tr>
<td>EYC</td>
<td>75</td>
<td>12</td>
<td>Bi-Pin</td>
<td>Flood 36°</td>
</tr>
</tbody>
</table>

### MR-16, Beam Spread 36°

**Distance from lamp:**

- **FLOOD**
  - 20°: BAB 2.9, FMW 4.2, EXN 5.5, EYC 7.2
  - 18°: BAB 3.5, FMW 5.2, EXN 6.5
  - 16°: BAB 4.0, FMW 6.4, EYC 8.2
  - 14°: BAB 4.4, FMW 7.8, EYC 10.0
  - 12°: BAB 4.8, FMW 8.7, EYC 11.2
  - 10°: BAB 5.1, FMW 9.9, EYC 12.8
  - 8°: BAB 5.4, FMW 11.3, EYC 14.5
  - 6°: BAB 5.7, FMW 12.6, EYC 16.8
  - 4°: BAB 6.0, FMW 13.9, EYC 19.2
  - 2°: BAB 6.3, FMW 15.1, EYC 21.5

**Distance from lamp:**

- **SPOT**
  - 20°: ESX 24.3, EXT 29.1
  - 18°: ESX 13.0, EXT 16.0
  - 16°: ESX 12.7, EXT 16.0
  - 14°: ESX 12.3, EXT 16.0
  - 12°: ESX 12.0, EXT 16.0
  - 10°: ESX 11.7, EXT 16.0
  - 8°: ESX 11.4, EXT 16.0
  - 6°: ESX 11.0, EXT 16.0
  - 4°: ESX 10.6, EXT 16.0
  - 2°: ESX 10.2, EXT 16.0

### MR-16, Beam Spread 12°

**Distance from lamp:**

- **NARROW SPOT**
  - 20°: FTB 20W 9.7, FTB 35W 12.7
  - 18°: FTB 20W 13.6, FTB 35W 16.6
  - 16°: FTB 20W 15.6, FTB 35W 19.6
  - 14°: FTB 20W 20.4, FTB 35W 24.4
  - 12°: FTB 20W 27.0, FTB 35W 30.0
  - 10°: FTB 20W 39.0, FTB 35W 42.0
  - 8°: FTB 20W 62.0, FTB 35W 65.0
  - 6°: FTB 20W 106.0, FTB 35W 110.0
  - 4°: FTB 20W 245.0, FTB 35W 260.0
  - 2°: FTB 20W 900.0, FTB 35W 1000.0

**Distance from lamp:**

- **FLOOD**
  - 20°: FTB 20W 3.2, FTB 35W 4.2
  - 18°: FTB 20W 5.5, FTB 35W 7.2
  - 16°: FTB 20W 6.8, FTB 35W 9.2
  - 14°: FTB 20W 9.3, FTB 35W 12.7
  - 12°: FTB 20W 20.8, FTB 35W 31.0
  - 10°: FTB 20W 36.4, FTB 35W 58.2
  - 8°: FTB 20W 68.0, FTB 35W 82.0
  - 6°: FTB 20W 106.0, FTB 35W 106.0
  - 4°: FTB 20W 362.5, FTB 35W 362.5

### MR-11 HALOGEN LAMPS

<table>
<thead>
<tr>
<th>LAMP CODE</th>
<th>WATTS</th>
<th>VOLTS</th>
<th>BASE</th>
<th>BEAM SPREAD</th>
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<tbody>
<tr>
<td>FTB</td>
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<tr>
<td>FTH</td>
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<td>12</td>
<td>Bi-Pin</td>
<td>Flood 30°</td>
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**Values are center beam footcandles (FC)**

- mr-16 halogen lamps
- mr-11 halogen lamps
## PHOTOMETRICS GUIDE

### PAR 36 LAMPS

<table>
<thead>
<tr>
<th>Code</th>
<th>Watts</th>
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<tr>
<td>50WFL</td>
<td>50</td>
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**INCANDESCENT:**
- 4414: 18W, 12V, Screw Terminal, Flood 32°
- 25WFL: 25W, 12V, Screw Terminal, W. Flood 37°
- 50WFL: 50W, 12V, Screw Terminal, W. Flood 39°

**HALOGEN:**
- H35WFL: 35W, 12V, Screw Terminal, W. Flood 40°
- H50WFL: 50W, 12V, Screw Terminal, W. Flood 40°

### MR-16 LED LAMPS

<table>
<thead>
<tr>
<th>LAMP CODE</th>
<th>WATTS</th>
<th>VOLTS</th>
<th>BASE</th>
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**FLOOD #4414 INCANDESCENT**
- 20°: 2.5 FC
- 18°: 3.3 FC
- 16°: 4.3 FC
- 14°: 5.4 FC
- 12°: 7.4 FC
- 10°: 10.6 FC
- 8°: 15.9 FC
- 6°: 30.0 FC
- 4°: 65.5 FC
- 2°: 375.0 FC

**WIDE FLOOD PAR36 18W**
- 20°: 0.9 FC
- 18°: 1.11 FC
- 16°: 1.23 FC
- 14°: 1.41 FC
- 12°: 1.84 FC
- 10°: 3.60 FC
- 8°: 6.63 FC
- 6°: 10.00 FC
- 4°: 22.50 FC
- 2°: 90.00 FC

**LEDWW**
- 10°: 0.25 FC
- 8°: 0.35 FC
- 6°: 0.45 FC
- 4°: 0.50 FC
- 2°: 0.56 FC

**FLOOD WHITE WARM 10W**
- 20°: 0.25 FC
- 18°: 0.27 FC
- 16°: 0.35 FC
- 14°: 0.45 FC
- 12°: 0.50 FC
- 10°: 0.56 FC
- 8°: 0.66 FC
- 6°: 0.75 FC
- 4°: 1.49 FC
- 2°: 3.35 FC

*Values are center beam footcandles (FC)*
• Corona Lighting cast aluminum products are finished with a durable UV powder coating which offers the best paint adhesion and corrosion resistance.
• Corona Lighting offers natural finishes on brass, copper and stainless steel products as well as natural toning process on some brass products only (Finishes will vary due to artistic natural process).
• Not all finishes available for all fixtures. See page 1 through 8 to select appropriate finishes of each fixture before ordering.
• Due to printing techniques these colors may vary slightly from actual color.

### 12 Volt Fixture Ordering Example:

**AG:** Amber-Green tulip glass  
**WH:** White tulip glass

- When ordering, add 2 letter color code to product # and 2 letter color code of glass if applicable.

### Color Abbreviation Guide:

**Powder Coated Colors:**  
- **BK** - Black, **BZ** - Bronze, **GR** - Green, **GT** - Granite, **RT** - Rust, **VG** - Verde Green, **Wh** - White

**Plated Colors:**  
- **CU** - Copper, **PB** - Polish Brass, **SI** - Silver

**Natural Colors:**  
- **BR** - Brass, **PC** - Polish Copper, **RC** - Raw Copper, **SS** - Stainless Steel

**Natural Toning Process Colors on Some Brass Products:**  
- **AB** - Antique Bronze, **OC** - Old Copper

---

**PRODUCT#  GLASS CHOICE**

**COLOR CODE**

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<th>Description</th>
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<td>AB</td>
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<td>OC</td>
<td>Old Copper</td>
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**12 Volt Fixture Ordering Example:**

**aG:** Amber-Green tulip glass  
**Wh:** White tulip glass

---

**Corona Lighting Inc.**

[www.coronalighting.com](http://www.coronalighting.com)
DESIGN OF LOW VOLTAGE LIGHTING (LVL) SYSTEM

DESIGN OVERVIEW:
LVL system is a creative and flexible alternative for landscape. It is easy to install, safe to operate and maintain longer lamp life and significant energy savings. The two components of LVL system are direct burial cable and transformer.

12 VOLT TRANSFORMER SIZING:
Transformer reduces 120V to a safe 12V needed for low voltage lamps. The total lamp wattage of all fixtures connected to a transformer must be less than the capacity of transformer. To determine the size, add up wattage of all lamps and add 10% more for safety factor.

TRANSFORMER SIZE: TOTAL FIXTURES WATT x 1.1

Select a transformer that matches as close as to your total lamp wattage. If total wattage is too great, either divide the load between two transformers or use a more powerful model.

LOW VOLTAGE CABLE LENGTH:
Voltage drop has an important impact on LVL systems. Voltage drop occurs along the length of cable and lamps at the end of run dimmer than beginning. Voltage drop is a function of cable length, cable size, and total fixtures wattage. Voltage drop can be minimized in several different ways:

• Use heavier gauge cable
• Shorten cable length or runs
• Reduce wattage of each fixture.
• Use multiple transformers
• Reduce total number of fixtures on a run

Cable is measured by gauge. The lower gauge, the thicker cable and the more current it carries. Cable is available in 3 popular sizes of 12-2, 10-2 and 8-2. Refer to Cable Length Guide in below to estimate the maximum allowable cable length.

LOW VOLTAGE CABLE LENGTH GUIDE

<table>
<thead>
<tr>
<th>Cable Size</th>
<th>Cable Constant</th>
<th>50W</th>
<th>100W</th>
<th>150W</th>
<th>200W</th>
<th>250W</th>
<th>300W</th>
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CABLE LENGTH FORMULA: MAX. CABLE LENGTH = \[ \text{CABLE SIZE CONSTANT} \times \frac{\text{TOTAL FIXTURE WATTS}}{2} \]

TIP: Expect a voltage drop of greater than 2 volts when cable length is longer than recommended. Use the above chart or formula to calculate max. cable length.
12 VOLT CABLE LAYOUT OPTIONS

**TIP:** Connect all lamps in parallel. Connect one side to “COM” and other side to “12V” terminal.

**LOOP INSTALLATION:**
Fixtures are arranged in a loop, reducing voltage drop.

**SPLIT LOAD INSTALLATION:**
Fixtures run in two or more directions from transformer. Locating the transformer in the center of run reduces the effects of voltage drop.

**STRAIGHT RUN INSTALLATION:**
Fixtures run in sequence directly from transformer.

**“T” INSTALLATION:**
Allows more equal distribution of power to center of the run, or to a run some distance away. Main cable must be heavier gauge (10-2 or 8-2).

**TROUBLE SHOOTING CHECKLIST**
Solutions to most common problems

**ENTIRE SYSTEM WILL NOT OPERATE**
1. Check 120V outlet to ensure power is on.
2. Check or re-set circuit breaker on transformer.
3. Check cable connection at transformer.
4. Check transformer by disconnecting cable from output terminals. By-pass timer and/or photocell.

**FIXTURE HAS MOISTURE BUILT-UP INSIDE**
1. Check shrouds and lens rings installed properly.
2. Check for missing or torn gaskets.
3. Check drainage holes for blockage.

**CIRCUIT BREAKER ON TRANSFORMER TRIPS**
1. Check cable for any short circuit.
2. Check connection of cable at transformer.
3. Recalculate total wattage to ensure not exceeding wattage of transformer or wire length of each run.

**FIXTURE ON, BUT DIMS**
1. Check connection point at power cable.
2. Recalculate total watts and max. cable length to insure voltage drop does not exceed 2 volts.

**FIXTURE WILL NOT LIGHT**
1. Check lamp for broken filament.
2. Check lamp for proper fit in socket.
3. Check fixture connection at power cable.
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