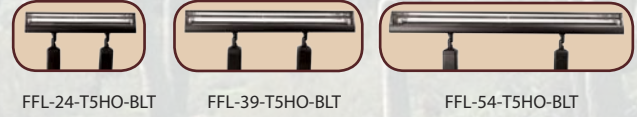


12v. or 120v.



**FFL-24, -39, -54-TSHO Series Compact Fluorescent Lights Specifications:**

**Construction:** Extruded aluminum floodlight with adjustable cast aluminum swivel  
**Reflector:** Highly polished specular aluminum  
**Lens:** High-impact clear acrylic  
**Lamp Supplied:** 24w. (FFL-24), 39w. (FFL-39) or 54w. (FFL-54) (41°K) 20,000+ hrs average rating)  
**Lamp Options:** Other Kelvin temperatures available, consult factory (27°K, 30°K, 35°K)  
**Socket:** Bi-pin base G5  
**Ballast:** 120/230/277 volt, Type 1 outdoor magnetic clamped core for all 120 volt compact fluorescent lights. (Specify at time of order)  
**Primary amp draw for 120v.** is 0.165 amp, not including lamp wattage  
**Wiring:** 120v. Standard  
**Mounting:** None supplied, FA-26 Pedestal recommended (2 per fixture)  
**Finish:** See back panel for options



**Enhancements For FFL-24, -39, -54-TSHO Series Compact Fluorescent Lights**  
**FA-06-24** 24" 1/4" Mini Hex Cell Louver for FFL-24  
**FA-06-35** 35" 1/4" Mini Hex Cell Louver for FFL-39  
**FA-06-47** 47" 1/4" Mini Hex Cell Louver for FFL-54  
**FA-09-24/-39/-54-BLUE** Blue Plastic Gel for FFL-24/39/54  
**FA-09-24/-39/-54-GREEN** Green Plastic Gel for FFL-24/39/54  
**FA-26** Commercial Mounting Pedestal  
**FA-26-R** Commercial Mounting Pedestal with receptacle  
**FA-39** Commercial Mounting Pedestal with 6 ft. power cord  
**-HE** Hood Extension



**FFL-13 / FFL-26 Series Compact Fluorescent Lights:**

**Construction:** Extruded aluminum floodlight with adjustable cast aluminum swivel  
**Reflector:** Highly polished specular aluminum  
**Lens:** High-impact clear acrylic  
**Hood Extension:** (-HE models): Heavy-duty stamped aluminum or copper  
**Lamp Supplied:** 13watt (FFL-26 2x13w) (41°K) 10,000+ hrs average rating  
**Lamp Options:** Other Kelvin temperatures available, consult factory (27°K, 35°K)  
**Socket:** GX23 for 13 watt 2x GX23 for 26 watt  
**Ballast:** 120/230/277 volt, Type 1 outdoor magnetic clamped core for all 120 volt compact fluorescent lights (2x for FFL-26)  
**Primary amp draw for 120v.** is 0.165 amp, not including lamp wattage (Specify at time of order)  
**Wiring:** 120v. Standard  
**Mounting:** None supplied, FA-26 Pedestal recommended.  
**Finish/Enhancements:** See back panel for options



**SL-08-AL-CAM / SL-08-BAV & SL-31-BAR COMMERCIAL & HIGH END RESIDENTIAL BRICK LIGHT SERIES**

**Construction - Face plate:** Die cast brass or die cast aluminum  
**Back Box housing:** Die cast brass or die cast aluminum  
**Lens:** 12v. Clear high impact acrylic, (-AL models white high impact acrylic)  
**Reflector:** Highly polished specular aluminum  
**Lamp Supplied:** (Incandescent models): 2 x 18 watt, S-8 #1141 1200 hours average rating for S-8 #1141 (50w max.)  
**Lamp Options:** 12v. We recommend 10K Halogen (-H) or 10K Xenon (-X) 120v. (T7 & T8 models 2x 15w. or 2x 25w.) (T10 models): Not supplied; rated for 40 watts T10 2500 hrs average for T7, T8, T10 incandescents (FL models): 5, 7, 9 watt compact fluorescent, 2700°K- Specify wattage 10,000 hour for compact fluorescent  
**Socket:** (Incandescent models): Single contact bayonet; brass nickel plated Ba15s with 200° C silicone lead wires (T10 models): High temperature ceramic medium base with 250° C silicone lead wires (T7 & T8 models): BA-15d with 200° C silicone lead wires (FL models): G23 bi-pin for 5, 7, 9 watt with type-1 outdoor magnetic clamped core ballast  
**Wiring:** 12v. Black 3 foot 18/2 SPT-W from base of fixture (12v. only) 120v. Standard  
**Connection:** We recommend FA-05 Quick Connector (12v.)  
**Finish/Enhancements:** See back panel for options



ACCESSORIES	
<p><b>AL-03-4T-10 / AL-03</b></p> <p>(a) FA-05 Quick Connector            *(b) FA-90 7" White opal glass            *(c) FA-90-RIB 7" Clear ribbed glass            * For AL-03-4T Only</p> <p>25 foot 16/2 lead wire (-25F) Use Focus C.P.C.</p>	<p><b>DL-13</b></p> <p>FA-08-21 Round Hex cell louver            FA-11-13 Colored glass            FA-98-13 Linear spread lens            FA-99-13 Convex lens            FA-104-13 Wide spread lens softener</p> <p><b>DL-22</b></p> <p>FA-08-21 Round Hex cell louver            FA-11-22 Colored glass            FA-98-22 Linear spread lens            FA-99-22 Convex lens            FA-104-22 Wide spread lens softener</p> <p>(a) FA-05 Quick Connector</p> <p>25 foot 16/2 lead wire (-25F) Use Focus C.P.C.</p>
<p><b>AL-04-AH AL-13-SM, AL-15-AH/AL-16-AH</b></p> <p>(a) FA-05 Quick Connector            (b) FA-97" Sprinkler/Glare shield            (*Not for AL-13-SM)</p> <p>25 foot 16/2 lead wire (-25F) Use Focus C.P.C.</p>	<p><b>DL-17</b></p> <p>FA-08-17 Round Hex cell louver            FA-10-17 Colored glass            FA-98-17 Linear spread lens            FA-99-17 Convex lens            FA-104-17 Wide spread lens softener</p> <p>(a) FA-05 Quick Connector</p> <p>25 foot 16/2 lead wire (-25F) Use Focus C.P.C.</p>
<p><b>DL-15-H</b></p> <p>(a) FA-05 Quick Connector            FA-10-15 Colored lens            FA-07-15 Hex louver            FA-98-15 Linear Spread lens            FA-104-15 Wide spread lens softener</p> <p>25 foot 16/2 lead wire (-25F) Use Focus C.P.C.</p>	<p><b>SL-20G-SM</b></p> <p>(a) FA-05 Quick Connector (12v/MR16 only)            FA-98-SL20SM Linear spread lens (See below)            FA-10-SL20SM Color lens (See below)            FA-08-SL20SM Hex cell louver (See below)            FA-104-SL20SM Wide spread lens softener            (b) FA-133SM (c) FA-134SM (d) FA-135SM            Well light Holders/Grates/Shields in Aluminum or Brass</p> <p>(b) (c) (d) (a)</p> <p>25 foot 16/2 lead wire (-25F) Use Focus C.P.C.</p>
<p><b>DL-20-NL-AC</b></p> <p>(a) FA-38-AC for DL-20            (b) FA-38 for DL-20            FA-08-20 Hex louver            FA-10-20 Colored glass            FA-98-20 Linear spread lens            FA-99-20 Convex lens            FA-104-20 Wide spread lens softener</p> <p><b>DL-38-NL</b></p> <p>(e) FA-36-AC for DL-38            (f) FA-36 for DL-38            FA-08-38 Hex louver            FA-10-38 Colored glass            FA-98-38 Linear spread lens            FA-99-38 Convex lens            FA-104-38 Wide spread lens softener</p> <p>DL-20 (a) (b) (c) (d) (e) (f)</p> <p>DL-38 (e) (f)</p>	<p><b>SL-20G</b></p> <p>(a) FA-05 Quick Connector (12v/MR16 only)            FA-08-SL20 Clear hex cell louver            FA-10-SL20-Clear tempered flat glass            FA-10-SL20-BLUE/GREEN tempered flat glass            FA-104-20 Wide spread lens softener            (b) FA-133 (c) FA-134 (d) FA-135            Well light Holders/Grates/Shields in Aluminum or Brass</p> <p>(b) (c) (d) (a)</p> <p>25 foot 16/2 lead wire (-25F) Use Focus C.P.C.</p>
<p><b>DL-30-NL-EC</b></p> <p>(c) FA-40-AC for DL-30            (d) FA-40 for DL-30            FA-08-30 Hex louver            FA-10-30 Colored glass            FA-98-30 Linear spread lens            FA-99-30 Convex lens            FA-104-30 Wide spread lens softener</p> <p><b>SL-01</b></p> <p>(a) FA-05 Quick Connector            FA-08-38 Hex Louver            FA-12, Clear convex glass lens            FA-13 Green/Blue convex glass lens            (b) FA-14 Cast or spun Aluminum holder. Add (-BRS) for Brass            (c) FA-20 Cast or spun Aluminum grate. Add (-BRS) for Brass</p> <p>(b) (c) (a)</p> <p>25 foot 16/2 lead wire (-25F) Use Focus C.P.C.</p>	<p><b>SL-20G-LG</b></p> <p>FA-08-SL20LG Hex cell louver            FA-10-SL20LG-Clear tempered flat glass            FA-10-SL20LG-BLUE/GREEN tempered flat glass            FA-104-SL20LG Wide spread lens softener            (b) FA-133LG (c) FA-134LG (d) FA-135LG            Well light Holders/Grates/Shields in Aluminum or Brass</p> <p>(b) (c) (d) (a)</p>

**Mounting Canopies/Stakes/Straps or Extension Wands are Available for Focus Fixtures**

Color Len's and Filters	Extension Wands
<p>(a) Green, Blue, Glass Lens            (b) Blue, Red, Green &amp; Amber Glass Lens            (c) Blue, Red, Green &amp; Amber Glass Lens            (d) Convex Lens            (e) Wide Spread/Lens Softener            (f) Linear Spread Lenses            (g-h) Hex cell louver</p>	<p>(a) FA-10-15 (-Specify Fixture)            FA-10-20 (-Specify Fixture)            FA-11 (-Specify Fixture)            FA-99 (-Specify Fixture)            FA-104 (-Specify Fixture)            FA-98 (-Specify Fixture)            FA-06- FA-07- FA-08 (-Specify Fixture)</p>

Mounting Canopies / Junction Boxes / Tree Strap Systems	Mounting Stakes / Junction Boxes / Receptacles
<p>(a) FA-22/BRS 1/2" Hole Rectangular Aluminum or Brass Canopy            (b) FA-22-CST/BRS 1/2" Hole Rectangular Cast Aluminum or Brass Canopy            (c) FA-22-TREE/BRS 1/2" Hole 120v. LG. Aluminum or Brass Tree Mount Junction Box w/strap (specify size)            (d) FA-23/BRS 1/2" 2 Hole Rectangular Aluminum or Brass Canopy            (e) FA-23-CST/BRS 1/2" 2 Hole Rectangular Cast Aluminum or Brass Canopy            (f) FA-24-TC/BRS 1/2" Hole Tree Mount Aluminum or Brass Canopy only w/ Studs            (g) FA-24/BRS 1/2" Hole Round Mini Aluminum or Brass Canopy            (h) FA-24-TREE/BRS 1/2" Hole 12v Tree Mount Aluminum or Brass Canopy w/Strap (specify size)            (i) FA-24-LG/BRS 1/2" Hole Large Aluminum or Brass Canopy            (j) FA-24-LG-CST/BRS 1/2" Hole Cast Aluminum or Brass Large Canopy            (k) FA-24-LG-DH /BRS 1/2" 2 Hole Aluminum or Brass Large Canopy            (l) FA-111/BRS 1/2" Hole Aluminum or Brass Junc Box w/ Mounting offset screws            (m) FA-111-TREE /BRS 1/2" Hole Mini Aluminum or Brass Junction Box w/ strap (specify size)            (n) FA-JBOX 1/2" Hole Surface Mount Brass Direct Burial Junction Box            (o) FA-24-STRAPS Black EPDM Rubber Strap (Specify size 10", 15", 21", 31" 41")</p>	<p>(a) FA-01/BRS Black PVC telescopic stake available in 1 or 2 ft with aluminum or brass cap tapped with 1/2" NPS female threads            (b) FA-03/BRS 9" Black ABS or brass stake 1/2" NPS female threads            (c) FA-03LG Extra wide Black ABS Stake 1/2" NPS female threads            (d) FA-04 Aluminum stake 1/2" NPS female threads            (e) FA-25/BRS 12v. Black ABS Mounting Pedestal with aluminum or brass cap            (f) FA-26/BRS 120v. Same as above with Ground Wire            (g) FA-26-75W/BRS 12v. Black ABS Mounting Pedestal with 75w 12v. transformer available with aluminum or brass cap 1/2" NPS female threads            (h) FA-26-GFIC/BRS 120v. Black ABS Mounting Pedestal with GFIC &amp; weather proof cover available with aluminum or brass cap 1/2" NPS female threads            (i) FA-CPCLow voltage distribution box (-SAND) or (-GREY) w/stainless steel lug connector and cap</p>

**Powder Coat Finishes:** Black Texture polyester powder coat is standard. To order other finishes add three-letter code to catalog number. For example: to order an AL-04 fixture with camel finish, specify AL-04-CAM.

**Acid Treatment (Brass and Copper fixtures only):** Add -BAR (for Brass Acid Rust) or -BAV (for Brass Acid Verde) to catalog number Add-CAR (for Copper Acid Rust) or -CAV (for Copper Acid Verde) to catalog number

**Solid Brass and Solid Copper Options:** For solid unfinished brass, add -BRS to catalog number. For solid unfinished copper, add -COP to catalog number.

Black Texture (-BLT) Standard	White Texture (-WTX)	Bronze Texture (-BRT)	Rust (-RST)	Antique Verde (-ATV)	Rubbed Verde (-RBV)	Hunter Texture (-HTX)	Weathered Brown (-WBR)	Stucco (-STU)	Terra Cotta (-TRC)	Weathered Iron (-WIR)	Camel Tone (-CAM)	FOR BRASS OR COPPER ONLY	Brass (-BAV) or Copper (-CAV) Acid Verde	Brass (-BAR) or Copper (-CAR) Acid Rust
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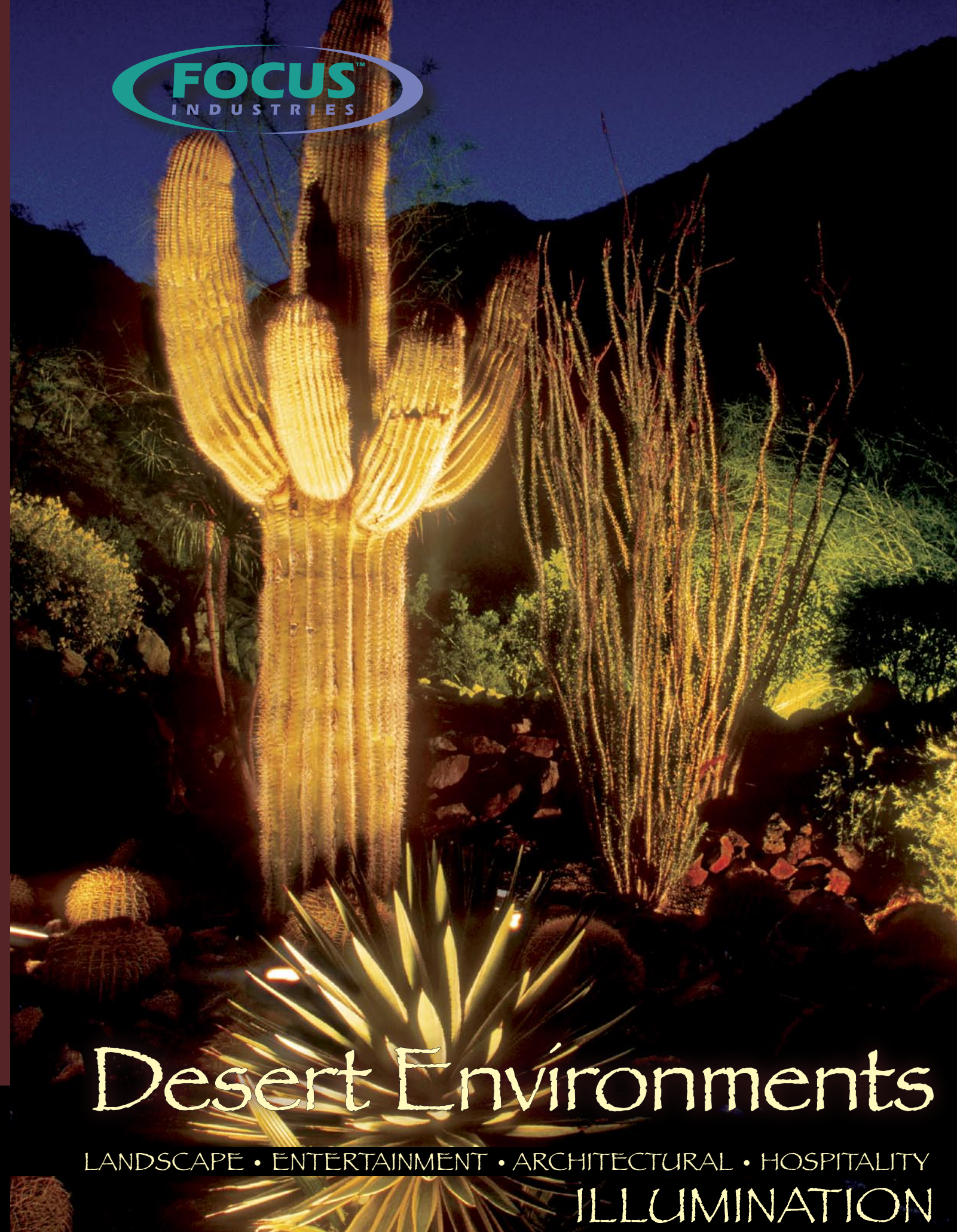
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 ILLUMINATION

12v. or 120v.

12v. or 120v.

12v. or 120v.



AL-04-AH-CAM



AL-15-AH-BAV



AL-16-AH-WBR

### AL-04-AH AL-15-AH /AL-16-AH Area Lights

**Construction:** Die cast aluminum or die cast brass tiki or stars & moons hats. Adjustable hub with extruded aluminum or brass stanchion  
**Lamp Supplied:** 20w T3 S.C. Halogen 10,000 hours average rating (25w. max)  
**Lamp Options:** 12v. We recommend 20w. S.C. 10K Xenon (-X)  
120v. 15w. D.C. T4H, 15w. D.C. T7, 25w. D.C. T8 2,500 hrs average rating  
**Socket:** 12v. Single contact bayonet, brass nickel plated screw shell (Ba15s) with 200° C silicone lead wires  
120v. Double contact bayonet, brass nickel plated screw shell (Ba15d) with 200° C silicone lead wires  
**Wiring:** 12v. Black 3 foot 18/2 SPT-W from base of fixture (12v. only)  
120v. Standard  
**Connection:** We recommend FA-05 Quick Connector (12v.)  
**Mounting:** 12v. FA-03 black 9" ABS stake supplied  
120v. FA-26 pedestal recommended  
**Finish/Enhancements:** See back panel for options



Note: AH option only available in 12v.

To change light spread, simply lower or raise the hub assembly until desired coverage is achieved. Placing the filament of the light bulb closer to the top edge of the hub will result in the largest spread of light. If you raise the hub assembly to where the light bulb is no longer visible, all light will be fully reflected from the hat assembly resulting in diffused lighting. **Note: If using a Xenon Light Bulb you must use FA-97 sprinkler shield.** See back panel for enhancements.



AL-13-SM-CAR

### AL-13-SM Area Light

**Construction:** Spun aluminum or copper China Hat with extruded aluminum or copper stanchion  
**Lens:** Clear shatter resistant polycarbonate  
**Lamp Supplied:** 20w S.C. T-3 Halogen, 10,000 hours average rating  
**Lamp Options:** 12v. We recommend 20w. S.C. 10K Xenon (-X)  
**Socket:** 12v. Single contact bayonet, brass nickel plated screw shell (Ba15s) with 200° C silicone lead wires  
**Wiring:** 12v. Black 3 foot 1 8/2 SPT-W from base of fixture (12v. only)  
**Connection:** We recommend FA-05 Quick Connector (12v.)  
**Mounting:** 12v. FA-03 black 9" ABS stake supplied  
**Finish/Enhancements:** See back panel for options

Note: For 120v. use consult factory



DL-20-AC-NL-WBR  
DL-20-AC-MR16-WBR



DL-30-EC-NL-BRT  
w / FA-22-TREE



DL-38-NL-BAV

### DL-20 / DL-30 & DL-38-NL Directional Light Series :

**Construction:** Die cast brass or die cast aluminum bullet with adjustable cast swivel  
**Collars:** -EC: Die cast aluminum extension cap  
-EC-BRS Die cast brass extension cap for brass fixtures  
-AC: Die cast aluminum angle collar  
-AC-BRS Die cast brass angle collar for brass fixtures  
**Lens:** Convex high impact clear tempered glass  
**Lamp Supplied:** None  
**Lamp Options:** DL-20; MR16/MH/MV/PAR20/R20  
DL-30; MH/MV/AR111/ PAR30/R30  
DL-38; MH/MV/HPS/PAR38/R40/CF/CFS  
**Socket:** Medium base high temperature ceramic. Brass nickel-plated screw shell with 150°C silicone lead wires. For H.I.D. models 600v. 4K.V. pulse rated for MH/MV/HPS light sources.  
For CF models GX23 bi-pin with type-1 outdoor magnetic clamped core ballast.  
For CFS models GU24 base.  
**Wiring:** 120v. Standard  
**Mounting:** None supplied; FA-26 pedestal recommended  
**Finish/Enhancements:** See back panel for options



### DL-13 Directional Light

**Construction:** Die cast aluminum or die cast brass bullet with adjustable swivel  
**Lens:** Clear tempered convex glass  
**Lamp Supplied:** 20w MR16 FL (BAB) with front glass.  
5000 hours average rating (50w max.)  
**Lamp Options:** We recommend 20w. 10K Ultra or 20w. 18K Titan. Consult factory for wattage and beam spreads  
**Socket:** High temperature ceramic GU5.3 bi-pin with 250° C silicone lead wires  
**Wiring:** Black 3 foot 18/2 SPT-W from base of fixture (12v. only)  
**Connection:** We recommend FA-05 Quick Connector (12v.)  
**Mounting:** FA-03 black 9" ABS stake supplied  
**Finish/Enhancements:** See back panel for options



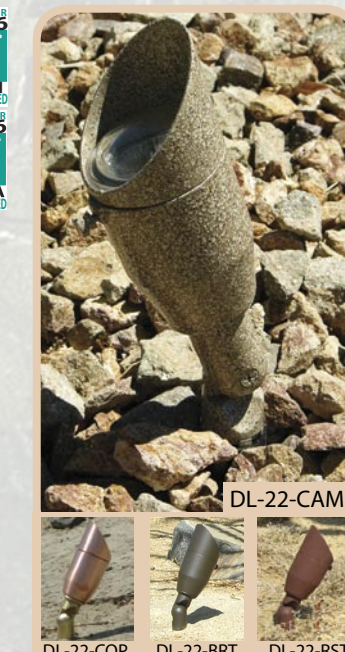
DL-13-BAR

### Well Lights



### SL-20-SM, SL-20 & SL-20-LG

**Construction:** Bronze composite  
**Lamp Supplied:** (SM) SL-20-SM: 12v. 20w. (BAB) MR16 - 5,000 hrs. average rating (50w max.) 120v. None supplied; designed for PAR20 - 2,000 hrs. average rating (50w max.) (MD) 12v. SL-20-MR16 20w. (BAB) MR16 - 5,000 hrs. average rating (75w. max.) SL-20-PAR36 36w. (QWFL) PAR 36 - 4000 hrs average rating.  
SL-20-NL-120v. None supplied; designed for PAR Lamps - 2,000 hrs. average rating (150w. max.) Metal Halide, Mercury Vapor, High Pressure Sodium (100w. max) (LG) SL-20-LG None supplied; Metal Halide, Mercury Vapor, High Pressure Sodium, Incandescent, Halogen and PAR available (175w. max). Compact Fluorescent Lamps are supplied when ordered as CF/CFS models See manufacturer for average hours rating.  
**Lamp Options:** (SM/MD) SL-20-SM/SL-20: 12v. We recommend 20w. 10K Ultra or 20w. 18K Titan  
**Socket:** (SM/MD) SL-20-SM SL-20: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires for MR16. Medium base for PAR20 (MD/LG) SL-20, SL-20-LG: Medium base high temperature ceramic brass nickel-plated screw shell with 150°C silicone lead wires. For H.I.D. models 600 v. 4K.V. pulse rated for MH/MV/HPS light sources. CF models- GX23 bi-pin with type-1 outdoor magnetic clamped core ballast. CFS models- GU24 base  
**Wiring:** 12v. Black 4 foot 18/2 SPT-W. from base of fixture 120v. Standard  
**Connection:** We recommend FA-05 Quick Connector (12v.)  
**Finish/Enhancements:** See back panel for options



DL-22-COP DL-22-BRT DL-22-RST

### DL-22 Directional Spot Light

**Construction:** Die cast aluminum, die cast brass, stainless steel or copper bullet with adjustable swivel  
**Lens:** Clear tempered convex glass with high temperature silicone O-ring gasket  
**Lamp Supplied:** 20w MR16 FL (BAB) with front glass. 5000 hours average rating (50w max. Aluminum-/BRS-/SS) (35w max. -COP)  
**Lamp Options:** 12v. We recommend 20w. 10K Ultra or 20w. 18K Titan. Consult factory for beam spreads  
120v. 35w. FL. med base MR16 2500 hrs average rating  
**Socket:** 12v High temperature ceramic GU5.3 bi-pin with 250° C silicone lead wires.  
120v. Med. Base high temperature ceramic  
**Wiring:** 12v. Black 3 foot 18/2 SPT-W from base of fixture. (12v. only) 120v. Standard  
**Connection:** We recommend FA-05 Quick Connector (12v.)  
**Mounting:** 12v. FA-03 black 9" ABS stake supplied  
120v. FA-26 pedestal recommended  
**Finish/Enhancements:** See back panel for options



### DL-15-H Directional Flood Light

**Construction:** Die cast aluminum, die cast brass medium flood with adjustable swivel  
**Lens:** Clear high impact tempered flat glass  
**Lamp Supplied:** 35w T4 D.C. Halogen 2,000 hours average rating (75w max.)  
**Lamp Options:** 12v. We recommend 35w. D.C. 10K Halogen (-H) or 35w. S.C. 10K Xenon (-X) or 50w T4 D.C. 10K Halogen 120v. T7 15w D.C. base, 35/50w. or T4 D.C. base 35/50/75 watts bi-pin. 2,500 hours average rating each.  
**Socket:** Double contact bayonet, brass nickel plated screw shell (Ba15d) with 200° C silicone lead wires or high temperature ceramic (GY6.35) bi-pin, 250° C silicone lead wires  
**Wiring:** 12v. Black 3 foot 18/2 SPT-W from base of fixture (12v. only) 120v. Standard  
**Connection:** We recommend FA-05 Quick Connector  
**Mounting:** 12v. FA-03 black 9" ABS stake supplied  
120v. FA-26 pedestal recommended  
**Finish/Enhancements:** See back panel for options



### DL-17 Spot Light

**Construction:** Die cast aluminum, die cast brass or copper bullet with adjustable swivel  
**Lens:** High-impact clear tempered convex glass for brass or aluminum.  
Flat tempered glass for copper models  
**Lamp Supplied:** 20w MR11 FL (FTD); 2000 hours average rating (35w max.)  
**Lamp Options:** We recommend 20w. 10K Ultra MR11.  
Consult factory for beam spreads  
**Socket:** High temperature ceramic (GZ4) bi-pin, 250° C silicone lead wires  
**Wiring:** Black 3 foot 18/2 SPT-W from base of fixture (12v. only)  
**Connection:** We recommend FA-05 Quick Connector (12v.)  
**Mounting:** FA-03 black 9" ABS stake supplied  
**Finish/Enhancements:** See back panel for options



AL-03-4T-10-WBR



AL-03-CAM

### AL-03 Series

**Available in 2-tier, 3-tier and 4-tier models with 6" or 10" diameter Pagoda Hats**  
**Construction:** Die cast aluminum Pagoda Hat, center & base. Stem: 9" extruded aluminum threaded 1/2" NPS both ends for 12v. models only. For 120v. none supplied  
**Lens:** 3.25" threaded clear prismatic polycarbonate lens (2 Tier only). Clear glass lens for 3 & 4 tier models (Frosted lens available)  
**Lamp Supplied:** 12v 18 watt 5-8 #1141; 1200 hours average rating (25w max.)  
**Lamp Options:** 12v. We recommend 20w. S.C. 10K Xenon (-X) or 20w. 10k S.C. Halogen (-H) 120v. T7 15w. D.C. base, or T8 25w. D.C. base, both 2500 hrs average rating. IAL for 120v. medium base A lamp (not supplied) FAL for 120v. with compact fluorescent 5, 7, 9 watts & 13Quad watts. 10,000 hrs average rating each.  
**Socket:** 12v. Single contact bayonet, brass, nickel plated lamp socket screw shell (Ba15s)  
120v. Double contact bayonet base (Ba15d). GX23 for CFL. Both with 200° C silicone lead wires  
**Wiring:** 12v. Black 3 foot 18/2 SPT-W from base of fixture. (12v. only) 120v. Standard  
**Connection:** We recommend FA-05 Quick Connector (12v. only)  
**Mounting:** FA-03/LG black 9" ABS stake supplied (12v. only)  
**For 120v. we recommend FA-26 Mounting Pedestal, specify Stems not included for 120v. Pagoda lights. Please specify FA-30-NC through FA- 34-NC (stems only) at time of order**  
**Finish/Enhancements:** See back panel for options

## 12v. Underwater Lighting



**SL-33 Underwater Lights:**  
**Construction:** Die cast brass body and cap  
**Connector:** brass nickel-plated liquid-tight straight bushing from base of fixture  
**Aiming bracket (-AB):** Die cast brass with black plastic adjustment knobs & stainless steel studs  
**Lens:** High impact clear tempered flat glass  
**Gasket:** Custom molded 400" 50 durometer black silicone  
**Lamp Supplied:** 20 watt MR16 flood (BAB) with front glass 5000 hours average rating (50 watt max.)  
**Lamp Options:** We recommend 10K ULTRA or 18K TITAN  
**Socket:** SL-33: GU5.3 high-temperature ceramic bi-pin with 250° C silicone lead wire.  
**Wiring:** 15 feet of 18/2 SJT-WA cord. For side mount wiring add (-SM) for designated models  
**Mounting:** Flush to bottom surface with aiming bracket (-AB). Floor or wall mount with 1.5" stainless steel screws & anchor (not supplied)  
**Finish/Enhancements:** See back panel for options  
**Focus Manufactures a complete line of 12v. underwater lighting fixtures & accessories. Please visit our web site for full details www.focusindustries.com**

### SL-04/SL-17/SL-24 Commercial and High End Residential Brick & Step Lights

**Construction- Face plate:** SL-04 Stamped aluminum, copper, stainless steel or brass SL-17/SL-24 Die cast brass or aluminum  
**Back box housing:** SL-04/SL-24 White powder coated heavy duty stamped aluminum.  
SL-17 White powder coated heavy duty die cast brass or aluminum  
**Gasket:** Black neosponge 0.190" thick closed cell  
**Lens:** -AL models have white high-impact acrylic.  
SL-17/SL-24 MR-16 models have tempered solite glass  
**Lamps Supplied:** SL-04 2x 18 watt 5-8 #1141(50w. max.) SL-17/SL-24 1x18 watt 5-8 #1141(25w max). 35w. max. for MR16 models)  
1200 hours average rating for 5-8 #1141  
**Lamp Options:** 12v. SL-04 2x 20w. S.C. 10K Xenon or 2x 20w. S.C. 10k Halogen recommended  
SL-17/SL-24 20w. 10K ULTRA (BAB) or 20w. 18K TITAN (FMW) recommended  
120v. SL-04/SL-17 T7 15w D.C. base, or T8 25w. D.C. base. Both 2500 hrs average rating  
SL-24 T-4 Halogen 35w. D.C. base or MR16 35w. medium base  
**Socket:** SL-04/SL-17/SL-24 Single contact bayonet; brass nickel plated Ba15s with 200° C silicone lead wires. SL-17/SL-24 MR-16 models, High temperature ceramic (GU5.3) bi-pin, 250° C silicone lead wires  
**Wiring:** 12v. Black 4 foot 18/2 SPT-W from base of fixture (12v. only) 120v. Standard  
**Connection:** We recommend FA-05 Quick Connector (12v.)  
**Finish/ Enhancements:** See back panel for options



DL-15-H-BRT DL-15-H-CAM