

A-1 BLDG A ONLY

R7411-277-SW-FF38 R9a

Directional
70-100-150W PAR-38 Metal Halide
7 1/2" Conoid Aperture

Optics and Applications
For medium base PAR lamps with beam spreads from 20° to 65°. Use in open bottom fixtures without a lamp shield. Use as an HID directional to highlight display objects or for straight downlighting in sloped ceilings.

Design Features
The lamp-reflector assembly rotates 360° and tilts 45°. It can be locked in any selected position. The mechanism features quick movement for gross adjustment, then precise fine adjustments are made by an insulated threaded turnbuckle. Aiming time is minimal and aiming accuracy is unparalleled. Components move smoothly and easily. The cone moves with the tilt assembly to insure proper orientation. Aim or relamp from above or below.

Finish
A specular clear Alzak reflector is standard. Optional colors and Soliglow® finishes are available. Use wheat instead of gold to avoid greenish tint with HID. Structural parts are painted optical matte black to suppress stray light leaks.

Ballast
Type HX, high power factor, 120V or 277V dual taps. Encased and potted, thermally protected with automatic reset. Temperature -20° F to 105° F. Mounted on a plate with 3" flex. Replace failed lamps immediately to preserve ballast life. Ballast release for service in inaccessible ceilings. Removable through the aperture for service.

General
Fixtures are pre-wired, thermally protected and UL listed for eight wire 75° C branch circuit pull-through wiring. All products are union made IBEW.

Accessories
For specular bronze cone add Z to catalog number. For specular pewter cone add Y to catalog number. For specular wheat cone add W to catalog number. For Soliglow clear cone add SC to catalog number. For Soliglow bronze cone add SZ to catalog number. For Soliglow pewter cone add SY to catalog number. For Soliglow wheat cone add SW to catalog number. For 28" support rails add R2 to catalog number. For 52" support rails add R5 to catalog number. For ballast fuse add F to catalog number. For damp label add DL to catalog number. For instant restrike Auto-On sensing system add AO to catalog number. Includes electronic control and emergency mini-can lamp socket. Instantaneous for initial start and lamp outage. Turns off when metal halide lamp nears normal output. Maximum 60 watts. For mini-can 60W tungsten emergency lamp add TL to catalog number. For standard emergency circuit consisting of mini-can socket and leads only add EC to catalog number. For sloped ceilings from 45° specify R7411, page R9a.

Matching Units
Vertical Lamp Downlight Page R2
Horizontal Lamp Downlight Page R5

Dimensions and Lamps

Number	A Depth	B Aperture	C Width	D Length	Lamps
R7411	12 1/2"	7 1/2"	17 1/2"	21 1/2"	70-100-150W PAR-38

* To specify add wattage to number for proper ballast, e.g. R7411-70

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GEM™ HARDSCAPE ONLY B-1

Superior Performance Bollards

GEM™
The Gem Bollard is designed to be an instant classic. The conical prismatic lens provides superior performance, with a unique lens presence, while controlling unwanted brilliance. A high lamp placement, combined with a hydro-formed reflector and precision molded glass lens directs light down, onto the path, without producing lens "glare" which can be uncomfortable. This results in a bollard that has a definite night-time presence, that is also handsome in the light of day.

Optical System Features

1. Precision molded housing.
2. Adjustable medium base porcelain socket with nickel plated screw shell.
3. 35W, 70W PAR-30 or 70W, 100W or 150W PAR-38 open fixture metal halide lamp (by others).
4. Parabolic specular clear, champagne gold, or black Alzak® reflector.
45° visual cutoff to lamp and lamp image. Self-tilt (ST) standard. Optional painted white self-tilt (WT) available. Optical system secured by friction retaining clips. Reflector must be removed to install PAR-38 lamp.
5. Spring retained one-piece black ballast. Standard with white polycarbonate trim ring.
6. Adjustable universal mounting bracket. Accepts 1 1/2" lighting channel (all others). B-34 bar hanger available for T-bar ceilings (order separately).
7. All ballasts are encased and potted, HP, dual tapped, thermally protected and accessible from below ceiling. 35W, 70W, and 100W are high reactance; 150W is constant voltage autotransformer (CAT). See above for ratings.
8. Painted J-Box with snap-on cover for easy below ceiling access.
9. Thermal protector.

Standard Fixtures

□ 79M2-35W/FE-ST832	Clear Alzak Reflector
□ 79M2-35W/FE-ST833	Champagne Gold Alzak Reflector
□ 79M2-35W/FE-ST834	Black Alzak Reflector
□ 79M2-35W/FE-ST835	Black Miligrowe Baffle
□ 79M2-70W/FE-ST832	Clear Alzak Reflector
□ 79M2-70W/FE-ST833	Champagne Gold Alzak Reflector
□ 79M2-70W/FE-ST834	Black Alzak Reflector
□ 79M2-70W/FE-ST835	Black Miligrowe Baffle
□ 79M5-100W/FE-ST832	Clear Alzak Reflector
□ 79M5-100W/FE-ST833	Champagne Gold Alzak Reflector
□ 79M5-100W/FE-ST834	Black Alzak Reflector
□ 79M5-100W/FE-ST835	Black Miligrowe Baffle
□ 79M8-150W/FE-ST832	Clear Alzak Reflector
□ 79M8-150W/FE-ST833	Champagne Gold Alzak Reflector
□ 79M8-150W/FE-ST834	Black Alzak Reflector
□ 79M8-150W/FE-ST835	Black Miligrowe Baffle

Options (See catalog for details)

□ B-24	Set of two (2) 24" bar hangers for T-bar ceilings.
□ F-1	Fuse kit for field installation.
□ FSDP-1	Fuse kit for field installation.
□ W	Painted white self-tilt. "ST" with "WT".
□ SCA	Shaded ceiling adaptor. Rated T.D. Shield. HID-1000 for details.

Labels
UL CSA Listed
Suitable for damp locations

Presc-lite
HID-168

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A-2 BLDG A ONLY

R7411-277-SW R9a

Directional
70-100-150W PAR-38 Metal Halide
7 1/2" Conoid Aperture

Optics and Applications
For medium base PAR lamps with beam spreads from 20° to 65°. Use in open bottom fixtures without a lamp shield. Use as an HID directional to highlight display objects or for straight downlighting in sloped ceilings.

Design Features
The lamp-reflector assembly rotates 360° and tilts 45°. It can be locked in any selected position. The mechanism features quick movement for gross adjustment, then precise fine adjustments are made by an insulated threaded turnbuckle. Aiming time is minimal and aiming accuracy is unparalleled. Components move smoothly and easily. The cone moves with the tilt assembly to insure proper orientation. Aim or relamp from above or below.

Finish
A specular clear Alzak reflector is standard. Optional colors and Soliglow® finishes are available. Use wheat instead of gold to avoid greenish tint with HID. Structural parts are painted optical matte black to suppress stray light leaks.

Ballast
Type HX, high power factor, 120V or 277V dual taps. Encased and potted, thermally protected with automatic reset. Temperature -20° F to 105° F. Mounted on a plate with 3" flex. Replace failed lamps immediately to preserve ballast life. Ballast release for service in inaccessible ceilings. Removable through the aperture for service.

General
Fixtures are pre-wired, thermally protected and UL listed for eight wire 75° C branch circuit pull-through wiring. All products are union made IBEW.

Accessories
For specular bronze cone add Z to catalog number. For specular pewter cone add Y to catalog number. For specular wheat cone add W to catalog number. For Soliglow clear cone add SC to catalog number. For Soliglow bronze cone add SZ to catalog number. For Soliglow pewter cone add SY to catalog number. For Soliglow wheat cone add SW to catalog number. For 28" support rails add R2 to catalog number. For 52" support rails add R5 to catalog number. For ballast fuse add F to catalog number. For damp label add DL to catalog number. For instant restrike Auto-On sensing system add AO to catalog number. Includes electronic control and emergency mini-can lamp socket. Instantaneous for initial start and lamp outage. Turns off when metal halide lamp nears normal output. Maximum 60 watts. For mini-can 60W tungsten emergency lamp add TL to catalog number. For standard emergency circuit consisting of mini-can socket and leads only add EC to catalog number. For sloped ceilings from 45° specify R7411, page R9a.

Matching Units
Vertical Lamp Downlight Page R2
Horizontal Lamp Downlight Page R5

Dimensions and Lamps

Number	A Depth	B Aperture	C Width	D Length	Lamps
R7411	12 1/2"	7 1/2"	17 1/2"	21 1/2"	70-100-150W PAR-38

* To specify add wattage to number for proper ballast, e.g. R7411-70

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RETAIL BLDGS & HARDSCAPE D-1

79M2/M7/M5/M8
6" Metal Halide Downlight
70W, 100W, 150W PAR-38 M.H.,
or 35W, 70W PAR-30 M.H.

Specifications

Type: MR	120V, 277V, 347V
Fixture Catalog number:	LTV764 / MR / 50LV120 / TR60/L12
Fixture	Optics
See page 2	See pages 3-4

Specifications

1. Precision molded housing.
2. Adjustable medium base porcelain socket with nickel plated screw shell.
3. 35W, 70W PAR-30 or 70W, 100W or 150W PAR-38 open fixture metal halide lamp (by others).
4. Parabolic specular clear, champagne gold, or black Alzak® reflector.
45° visual cutoff to lamp and lamp image. Self-tilt (ST) standard. Optional painted white self-tilt (WT) available. Optical system secured by friction retaining clips. Reflector must be removed to install PAR-38 lamp.
5. Spring retained one-piece black ballast. Standard with white polycarbonate trim ring.
6. Adjustable universal mounting bracket. Accepts 1 1/2" lighting channel (all others). B-34 bar hanger available for T-bar ceilings (order separately).
7. All ballasts are encased and potted, HP, dual tapped, thermally protected and accessible from below ceiling. 35W, 70W, and 100W are high reactance; 150W is constant voltage autotransformer (CAT). See above for ratings.
8. Painted J-Box with snap-on cover for easy below ceiling access.
9. Thermal protector.

Standard Fixtures

□ 79M2-35W/FE-ST832	Clear Alzak Reflector
□ 79M2-35W/FE-ST833	Champagne Gold Alzak Reflector
□ 79M2-35W/FE-ST834	Black Alzak Reflector
□ 79M2-35W/FE-ST835	Black Miligrowe Baffle
□ 79M2-70W/FE-ST832	Clear Alzak Reflector
□ 79M2-70W/FE-ST833	Champagne Gold Alzak Reflector
□ 79M2-70W/FE-ST834	Black Alzak Reflector
□ 79M2-70W/FE-ST835	Black Miligrowe Baffle
□ 79M5-100W/FE-ST832	Clear Alzak Reflector
□ 79M5-100W/FE-ST833	Champagne Gold Alzak Reflector
□ 79M5-100W/FE-ST834	Black Alzak Reflector
□ 79M5-100W/FE-ST835	Black Miligrowe Baffle
□ 79M8-150W/FE-ST832	Clear Alzak Reflector
□ 79M8-150W/FE-ST833	Champagne Gold Alzak Reflector
□ 79M8-150W/FE-ST834	Black Alzak Reflector
□ 79M8-150W/FE-ST835	Black Miligrowe Baffle

Options (See catalog for details)

□ B-24	Set of two (2) 24" bar hangers for T-bar ceilings.
□ F-1	Fuse kit for field installation.
□ FSDP-1	Fuse kit for field installation.
□ W	Painted white self-tilt. "ST" with "WT".
□ SCA	Shaded ceiling adaptor. Rated T.D. Shield. HID-1000 for details.

Labels
UL CSA Listed
Suitable for damp locations

Presc-lite
HID-168

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RETAIL BLDGS & HARDSCAPE H1499T/1493P/L21

TYPE: A-4 HALO®

DESCRIPTION
The H1499T is a small aperture low voltage housing for providing accent and task lighting.

DESIGN FEATURES
A-Housing: Die-stamped 20 gauge CRS with white powder coat finish.
B-Plaster Frame: Housing is secured in plaster frame with spring bars. The housing can be adjusted in the plaster frame to adjust for different ceiling materials. The housing can be removed from the plaster frame to provide access to the junction box.
C-Junction Box: U.L. listed for through branch circuit wiring. Positioned to accommodate straight conduit runs. Four conduit knockouts are uniform 1/2" size with true pryout slots. Four Romex pryouts with integral strain relief also included.
D-Bar Hangers: Pre-installed, captive bar hangers allow housing to be positioned at any point within a 24" joist span. Score lines provided for easy field shortening for 12" joists. Unique arrowhead design provides "railless" installation. Bar hangers can be repositioned 90°. Hangers fit onto T-bar spline for quick alignment and can be permanently secured with optional T97 T-bar clip.
E-Transformer: 120V integral magnetic transformer steps line voltage down to lamp operating voltage. For lamps up to 50W.
F-Thermal Protector: Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.
Labels: • U.L. Listed for Damp Location • U.L. Listed for Feed Through • IP Rated • CSA Certified

APPLICATION
The H1499T is designed for use in non-insulated ceiling or for insulated ceilings where insulation can be kept 3" from all sides of the housing.

FOR USE IN NON-INSULATED CEILINGS OR INSULATED CEILINGS WHERE INSULATION CAN BE KEPT 3" FROM ALL SIDES OF FIXTURE

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HARDSCAPE ONLY H1499T/1493P/L21

TYPE: A-5 HALO®

DESCRIPTION
The H1499T is a small aperture low voltage housing for providing accent and task lighting.

DESIGN FEATURES
A-Housing: Die-stamped 20 gauge CRS with white powder coat finish.
B-Plaster Frame: Housing is secured in plaster frame with spring bars. The housing can be adjusted in the plaster frame to adjust for different ceiling materials. The housing can be removed from the plaster frame to provide access to the junction box.
C-Junction Box: U.L. listed for through branch circuit wiring. Positioned to accommodate straight conduit runs. Four conduit knockouts are uniform 1/2" size with true pryout slots. Four Romex pryouts with integral strain relief also included.
D-Bar Hangers: Pre-installed, captive bar hangers allow housing to be positioned at any point within a 24" jo

RETAIL BLDGS & HARDSCAPE
AG-3

LTV750 Series Bronze Housing Accent of Wall Wash
Kim Lighting
Type: Job:
Catalog number: LTV751 PAR 150 HAL 120 GM50 AM50

Approvals: Date: Page: 1 of 6

Specifications

Lens Ring: Cast bronze, natural finish, beveled for water runoff. Four captive 1/4" blackened stainless steel hex-screw caps screws. Lens: Clear tempered flat glass, 1/4" thick.
Lens Gasket: One piece molded silicone, U-channel wrap completely around lens frame.
Eye-ball: Cast bronze, natural finish, 360° rotation in 45° increments. Eight captive 1/4" blackened stainless steel screws.
Bronze Housing: Two piece cast bronze 1/4" min. wall thickness upper and lower housing continuously gasketed together. No top lip to trap dirt and moisture. Separate splice and ballast compartments, individual cast aluminum internal covers with one piece molded silicone gaskets. Two 1/4" NPT in bottom of 24 in. splice area. Modular reverse draft housing design (top smaller than largest bottom diameter).
Optical System: SP and NP - Spot or Narrow Flood span aluminum reflectors, specular Alzak® black Duranodic® arc tube shield on SP only. PAR - PAR38 reflector lamps, or PAR36 and AR111 12V lamps. All optical systems yoke mounted, 40°-30° vertical adjustment (0° to 30° from 0° vertical) with locking screws. VWW - one piece hydroformed reflector, specular Alzak®, Wall Wash distribution. All medium base sockets rated 4KV, mini-can sockets for halogen lamps.
Electrical Module: High power factor ballast, 20% starting. Electrical components factory mounted to gasketed compartment cover.
Wiring: 1/4" NPT in bottom of 24 in. splice area and from ballast compartment. All components wire listed for ground, quick-disconnect for removal of lamp bracket.
Certification: UL Listed to U.S. and Canadian safety standards for wet locations. Fixture manufacturer shall employ a quality program that is certified to meet the ISO 9001:2000 standard.

See page 6 for Safety and Warranty Information

HARDSCAPE ONLY
FL-1
Sign/Wall Lighter 4305
Kim Lighting
Type: Job:
Catalog number: 4305 120 1 BL (2) JBR 2

Approvals: Date: Page: 1 of 4

Mounting Options: (2) JBR-2

Specifications

Housing: One piece extruded aluminum with die-cast aluminum ends.
Swivels: Two, die-cast aluminum, with locking teeth and 1/2" solid brass NPT mount. Provides horizontal rotation independent of the threaded mount. Swivel locked by 1/2-20 stainless set screw. Clear anodized prior to chrome conversion coating for added corrosion resistance.
Reflector: Specular Alzak®.
Lens: Clear flat acrylic, fully gasketed, retained by a concealed extruded aluminum rail with recessed captive allen-head fasteners.
Socket: Medium bipin mounted on reflector.
Wiring: Factory prewired with No. 18AWM rated 105°C, leads extended from swivel base.
Ballast: Electronic ballast 0°F starting. Variable voltage 120 through 277.
Finish: Super TGIC thermoplastic polyester powder coat paint, 2.5 mil nominal thickness, applied over a chrome conversion coating. 2500 hour salt spray test endurance rating. Standard colors are Black (BL), Dark Bronze (DB), and Verde Green (GR).
Certification: UL Listed to U.S. and Canadian safety standards for wet locations. Fixture manufacturer shall employ a quality program that is certified to meet the ISO 9001:2000 standard.

See page 6 for Safety and Warranty Information

HARDSCAPE ONLY
FL-2
Architectural Floodlights
Kim Lighting
Type: Job:
Catalog number: AFL10 13BL 120 BL 1

Approvals: Date: Page: 1 of 13

Mounting Options: (1) JBR 2

Specifications

Dimensions: AFL10 Models 70 to 175 watt H.I.D. Medium Base Lamps 500 watt Halogen T-4 Mini-can Base Lamps
with STANDARD SWIVEL: Maximum weight: 24 lb
with OPTIONAL HEAVY DUTY SWIVEL: Maximum weight: 25 lb
Housing: One piece die-cast low copper aluminum in a cylindrical shape with integral cooling fins over the entire length, and 1/4" minimum wall thickness. One piece silicone gasket between housing and door frame concealed when fixture is closed. Concealed integral cast slip hinges with stainless steel pins.
Door Frame: One piece die-cast low copper aluminum with integral cooling fins. 1/4" minimum wall thickness. Stainless steel locking screw and 1/4" NPSM. Clear anodized prior to chrome conversion coating for added corrosion resistance.
Standard Swivel: Die-cast aluminum with integral locking teeth providing 5° adjustment intervals. Stainless steel allen-head locking screw and 1/4" NPSM. Clear anodized prior to chrome conversion coating for added corrosion resistance.
Reflector Assemblies: Interchangeable in all seven AFL10 models. Specular Alzak® aluminum optical components mounted to aluminum frame. Reflector assembly snaps into fixture housing with spring clips. Sockets are 4KV porcelain medium base (H.I.D.); T-4 Mini-can (Halogen).
Electrical Components: All electrical components are UL and CSA recognized with leads extending out of the swivel. High power factor ballast rated 40°F starting for HPS and 20°F for MH lamp modes. Optional photocell mounted with sensor on side of housing.
Finish: Super TGIC thermoplastic polyester powder coat paint, 2.5 mil nominal thickness, applied over a chrome conversion coating. 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, or White. Custom colors are available and subject to additional charges, minimum quantities and longer lead times. Consult representative.
Certification: UL Listed to U.S. and Canadian safety standards for wet locations. Fixture manufacturer shall employ a quality program that is registered to ISO 9001 standard.
CAUTION: Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

See page 6 for Safety and Warranty Information

RETAIL BLDGS & HARDSCAPE
P-5160
FL-3

Approvals: Date: Page: 1 of 13

Mounting Options: (1) JBR 2

Specifications

Dimensions: P-5160 Models 70 to 175 watt H.I.D. Medium Base Lamps 500 watt Halogen T-4 Mini-can Base Lamps
with STANDARD SWIVEL: Maximum weight: 24 lb
with OPTIONAL HEAVY DUTY SWIVEL: Maximum weight: 25 lb
Housing: One piece die-cast low copper aluminum in a cylindrical shape with integral cooling fins over the entire length, and 1/4" minimum wall thickness. One piece silicone gasket between housing and door frame concealed when fixture is closed. Concealed integral cast slip hinges with stainless steel pins.
Door Frame: One piece die-cast low copper aluminum with integral cooling fins. 1/4" minimum wall thickness. Stainless steel locking screw and 1/4" NPSM. Clear anodized prior to chrome conversion coating for added corrosion resistance.
Standard Swivel: Die-cast aluminum with integral locking teeth providing 5° adjustment intervals. Stainless steel allen-head locking screw and 1/4" NPSM. Clear anodized prior to chrome conversion coating for added corrosion resistance.
Reflector Assemblies: Interchangeable in all seven P-5160 models. Specular Alzak® aluminum optical components mounted to aluminum frame. Reflector assembly snaps into fixture housing with spring clips. Sockets are 4KV porcelain medium base (H.I.D.); T-4 Mini-can (Halogen).
Electrical Components: All electrical components are UL and CSA recognized with leads extending out of the swivel. High power factor ballast rated 40°F starting for HPS and 20°F for MH lamp modes. Optional photocell mounted with sensor on side of housing.
Finish: Super TGIC thermoplastic polyester powder coat paint, 2.5 mil nominal thickness, applied over a chrome conversion coating. 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, or White. Custom colors are available and subject to additional charges, minimum quantities and longer lead times. Consult representative.
Certification: UL Listed to U.S. and Canadian safety standards for wet locations. Fixture manufacturer shall employ a quality program that is registered to ISO 9001 standard.
CAUTION: Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

See page 6 for Safety and Warranty Information

RETAIL BLDGS & HARDSCAPE
FL-4
Sign/Wall Lighter 4305
Kim Lighting
Type: Job:
Catalog number: 4305 120 1 BL (2) JBR 2

Approvals: Date: Page: 1 of 4

Mounting Options: (2) JBR-2

Specifications

Housing: One piece extruded aluminum with die-cast aluminum ends.
Swivels: Two, die-cast aluminum, with locking teeth and 1/2" solid brass NPT mount. Provides horizontal rotation independent of the threaded mount. Swivel locked by 1/2-20 stainless set screw. Clear anodized prior to chrome conversion coating for added corrosion resistance.
Reflector: Specular Alzak®.
Lens: Clear flat acrylic, fully gasketed, retained by a concealed extruded aluminum rail with recessed captive allen-head fasteners.
Socket: Medium bipin mounted on reflector.
Wiring: Factory prewired with No. 18AWM rated 105°C, leads extended from swivel base.
Ballast: Electronic ballast 0°F starting. Variable voltage 120 through 277.
Finish: Super TGIC thermoplastic polyester powder coat paint, 2.5 mil nominal thickness, applied over a chrome conversion coating. 2500 hour salt spray test endurance rating. Standard colors are Black (BL), Dark Bronze (DB), and Verde Green (GR).
Certification: UL Listed to U.S. and Canadian safety standards for wet locations. Fixture manufacturer shall employ a quality program that is certified to meet the ISO 9001:2000 standard.

See page 6 for Safety and Warranty Information

RETAIL BLDGS & HARDSCAPE
GM-1
Scarab® EL740
Kim Lighting
Type: Job:
Catalog number: EL740 BL/EP17

Approvals: Date: Page: 1 of 6

Mounting Options: (2) JBR-2

Specifications

Housing: Die-cast aluminum body, lamp housing and socket enclosure.
Swivel: Die-cast aluminum with locking teeth and 1/2" solid brass NPT mount. Provides horizontal rotation independent of the threaded mount. Swivel locked by 1/2-20 stainless set screw. Clear anodized prior to chrome conversion coating for added corrosion resistance.
Lens Ring: Integral die-cast aluminum lens ring and glare shield.
Lens: Tempered clear soda lime glass with silicone gasket. Flush with lens frame to promote water runoff when positioned upward.
Gasketing: Silicone gaskets used throughout.
Socket: Nickel plated brass/porcelain socket, 4KV pulse rated.
Wiring: No. 18AWM rated 105°C.
Ballast Box: High temperature, compression molded featuring long-fiber fiberglass impregnated heavy wall construction. Wall separates ballast chamber from splice compartments, splice area 3.2 cu in.; prewired, two anti-siphon plugs to and from ballast chamber. Conduit entry: two 1/4" NPT for through wiring, one 1/2" NPT for remote access.
Ballast Cover: Cast bronze, supplied with 1/2" NPSM for direct mount, with stainless steel set screw lock. Flat for remote mount.
Finish: Super TGIC thermoplastic polyester powder coat paint, 2.5 mil nominal thickness, applied over a chrome conversion coating. 2500 hour salt spray test endurance rating. Standard colors are Black (BL), Dark Bronze (DB), Verde Green (GR), and White (WH).
Certification: UL Listed to U.S. and Canadian safety standards for wet locations. Fixture manufacturer shall employ a quality program that is certified to meet the ISO 9001:2000 standard.

See page 6 for Safety and Warranty Information

HARDSCAPE ONLY
GM-2
Scarab® 6740
Kim Lighting
Type: Job:
Catalog number: 6740 120 1 BL (2) JBR 2

Approvals: Date: Page: 1 of 3

Mounting Options: (2) JBR-2

Specifications

Housing: Die-cast aluminum body, lamp housing and socket enclosure.
Swivel: Die-cast aluminum with locking teeth and 1/2" solid brass NPT mount. Provides horizontal rotation independent of the threaded mount. Swivel locked by 1/2-20 stainless set screw. Clear anodized prior to chrome conversion coating for added corrosion resistance.
Lens Ring: Integral die-cast aluminum lens ring and glare shield.
Lens: Tempered clear soda lime glass with silicone gasket. Flush with lens frame to promote water runoff when positioned upward.
Gasketing: Silicone gaskets used throughout.
Socket: Nickel plated brass/porcelain socket, 4KV pulse rated.
Wiring: No. 18AWM rated 105°C.
Ballast Box: High temperature, compression molded featuring long-fiber fiberglass impregnated heavy wall construction. Wall separates ballast chamber from splice compartments, splice area 3.2 cu in.; prewired, two anti-siphon plugs to and from ballast chamber. Conduit entry: two 1/4" NPT for through wiring, one 1/2" NPT for remote access.
Ballast Cover: Cast bronze, supplied with 1/2" NPSM for direct mount, with stainless steel set screw lock. Flat for remote mount.
Finish: Super TGIC thermoplastic polyester powder coat paint, 2.5 mil nominal thickness, applied over a chrome conversion coating. 2500 hour salt spray test endurance rating. Standard colors are Black (BL), Dark Bronze (DB), Verde Green (GR), and White (WH).
Certification: UL Listed to U.S. and Canadian safety standards for wet locations. Fixture manufacturer shall employ a quality program that is certified to meet the ISO 9001:2000 standard.

See page 6 for Safety and Warranty Information

RETAIL BLDGS & HARDSCAPE
GM-3
Scarab® 6740
Kim Lighting
Type: Job:
Catalog number: 6740 120 1 BL (2) JBR 2

Approvals: Date: Page: 1 of 6

Mounting Options: (2) JBR-2

Specifications

Housing: Die-cast aluminum body, lamp housing and socket enclosure.
Swivel: Die-cast aluminum with locking teeth and 1/2" solid brass NPT mount. Provides horizontal rotation independent of the threaded mount. Swivel locked by 1/2-20 stainless set screw. Clear anodized prior to chrome conversion coating for added corrosion resistance.
Lens Ring: Integral die-cast aluminum lens ring and glare shield.
Lens: Tempered clear soda lime glass with silicone gasket. Flush with lens frame to promote water runoff when positioned upward.
Gasketing: Silicone gaskets used throughout.
Socket: Nickel plated brass/porcelain socket, 4KV pulse rated.
Wiring: No. 18AWM rated 105°C.
Ballast Box: High temperature, compression molded featuring long-fiber fiberglass impregnated heavy wall construction. Wall separates ballast chamber from splice compartments, splice area 3.2 cu in.; prewired, two anti-siphon plugs to and from ballast chamber. Conduit entry: two 1/4" NPT for through wiring, one 1/2" NPT for remote access.
Ballast Cover: Cast bronze, supplied with 1/2" NPSM for direct mount, with stainless steel set screw lock. Flat for remote mount.
Finish: Super TGIC thermoplastic polyester powder coat paint, 2.5 mil nominal thickness, applied over a chrome conversion coating. 2500 hour salt spray test endurance rating. Standard colors are Black (BL), Dark Bronze (DB), Verde Green (GR), and White (WH).
Certification: UL Listed to U.S. and Canadian safety standards for wet locations. Fixture manufacturer shall employ a quality program that is certified to meet the ISO 9001:2000 standard.

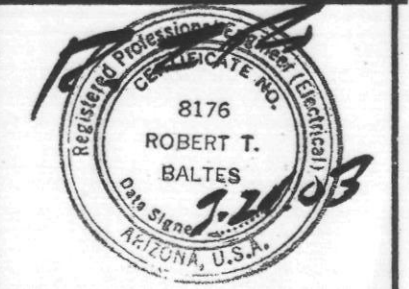
See page 6 for Safety and Warranty Information

THIS FIXTURE HAS BEEN DELETED

NOT PART OF APPROVAL. MUST BE APPROVED W/ THE RETAIL BUILDING SEPARATELY
Per D. Hopp
RECOMMENDED

AS NOTED
APPROVED
FINAL PLANS PLANNING
G. C. 03
DATE: 10/10/03
BY: P. K. Jones
BVA
Bates/Valentino Associates, Limited
Mechanical & Electrical Consulting Engineers
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THE PROMENADE - PHASE II
SCOTTSDALE, AZ
FOR THE PEDERSON GROUP



DATE ISSUED	
DRAWN BY	
CHECKED BY	
PROJECT NO.	
CADD FILE	
SCALE:	
DRAWING NO.	

ED. 2

