



PROFESSIONAL
OUTDOOR LIGHTING

Type:

Model:

Project:

SPECIFICATION SHEET

MODEL RK94 Architectural Series • LED Retrofit Kit

FIXTURE SPECIFICATIONS:

GENERAL:

The RK94 LED Retrofit Kit, for use in Hydrel's® single or double lens M9400 series. Retrofit Kit includes factory sealed LED module with integrated driver, fully potted and thermally protected.

DOOR:

Die-cast, low copper content, A360 aluminum. Post anodized Type III (hard anodized) and powder coated for maximum corrosion protection. Captive stainless steel fasteners affixed to a ventilated door. Inner vents allow hot air to escape from around optic housing while outer vents allow cool air to enter fixture housing.

OPTIC HOUSING:

Die-cast A360 aluminum. Finned for maximum heat dissipation. Type III hard anodized and Henderlubed for maximum corrosion protection. Optic and driver compartment separately sealed while being electrically connected.

DRIVER COMPARTMENT:

Injection molded PPS for maximum corrosion protection. Driver compartment houses electronic LED driver and thermostat which cuts power to fixture in abnormal ambient temperature conditions. Driver compartment is completely epoxy potted to protect electronics from moisture.

DOOR FINISH:

Durable powder coat finish available in Glossy Gray, Black, Architectural Bronze, Dark Bronze, Verde, Pewter, Architectural Brick, Granite, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White. Custom Powder coat finishes available on request.

LED:

Cree® CXA 1830 COB driven at 350mA, 500mA, or 620mA.

COLOR TEMPERATURE:

LED's are offered in 2700°K, 3000°K, 3500°K, 4000°K, or 5000°K CCT ANSI white 4 step Cree® East White™ bins

LIGHT DISTRIBUTION:

Very Narrow Spot **VNS** (NEMA 2x2), Narrow Spot **NS** (NEMA 2x2), Medium Flood **MF** (NEMA 4x4), and Wide Flood **WF** (NEMA 6x6).

REFLECTOR:

Specular or semi-specular optics designed for maximum performance and uniformity. Very Narrow Spot **VNS** optic incorporates an internal source shield to eliminate unwanted glare outside the beam pattern.

LENS/SEAL:

¼" thick tempered pressed clear glass sealed with a solid molded silicone gasket.

WIRING:

3' 18/3 outdoor-rated hard usage cable standard for non-dimming **ND** and Phase Cut TRIAC (120V only) dimming **PCT** fixtures. 3' 18/5 outdoor-rated hard usage cable standard for 0-10V dimming **O10** fixtures. Retrofit Kit includes new liquid tight cord seal and 5 silicone filled wire nuts.

DRIVER:

Integral CUL listed LED driver, either non-dimmable **ND** or dimmable. Dimming: 0-10VDC **O10** and Phase Cut TRIAC (120V only) **PCT** options available. Multi-Volt **MV** 120V-277V driver input standard.

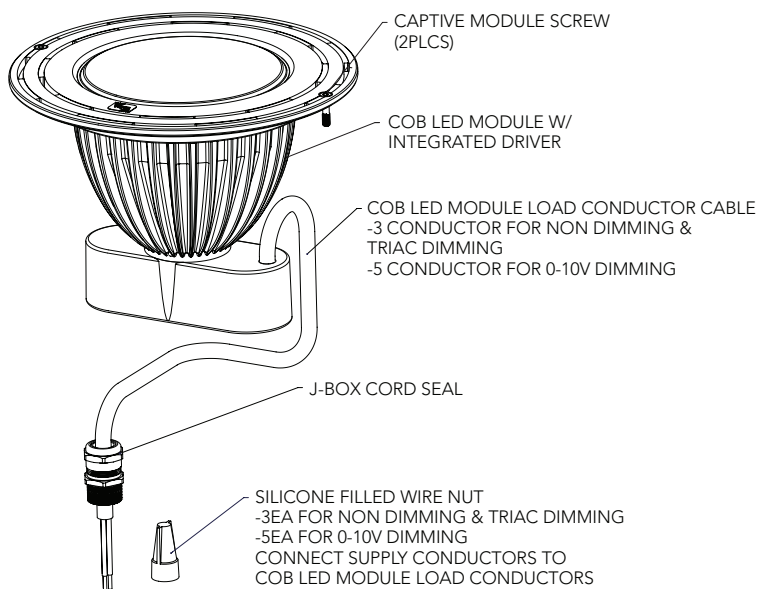
ACCESSORIES:

TO5 - Tilt Optic 5°, **TO10** - Tilt Optic 10°, **TO15** - Tilt Optic 15°, **TO25** - Tilt Optic 25°, **DF** - Diffuse Filter, **LSF** - Linear Spread Filter, **CF-XXX** - Color Filter (XXX-specify color) and **STR** Stainless Trim Ring.

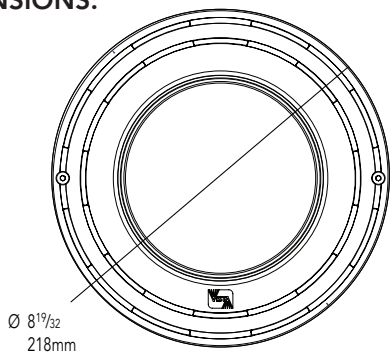
CERTIFICATION:

C ETL US listed. *IP68*

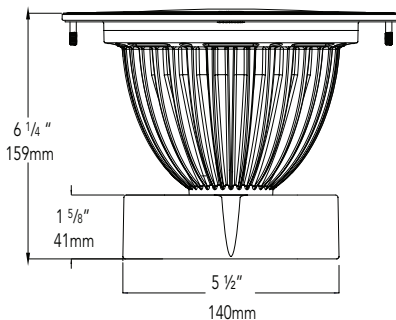
All Vista luminaires are **MADE IN THE U.S.A.**



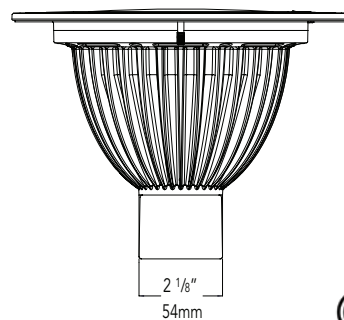
DIMENSIONS:



TOP VIEW



FRONT VIEW



SIDE VIEW



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SPECIFICATION SHEET

MODEL RK94 Architectural Series • LED Retrofit Kit

LAMP SPECIFICATIONS

LED:

- High lumen output LED powered for high efficacy
- Cree® CXA 1830 COB driven at 350mA, 500mA, or 620mA
- 2700°K, 3000°K, 3500°K, 4000°K, or 5000°K CCT ANSI white 4 step Cree® Easy White™ bins.
- 800-2000 Delivered Lumens
- 15-25 Watts

OPTICS/AIMING:

- Specular or semi-specular optics designed for maximum performance and uniformity.
- Very Narrow Spot **VNS** (NEMA 2x2), Narrow Spot **NS** (NEMA 2x2), Medium Flood **MF** (NEMA 4x4), and Wide Flood **WF** (NEMA 6x6).
- Fixture aiming achieved via a series of tilt optic lenses and patent pending magnetic aiming system.

ELECTRICAL:

- Constant current 350mA, 500mA, or 620mA output driver.
- Multi-Volt **MV** 120V-277V universal input.
- 3' 18/3 outdoor-rated hard usage cable standard for non-dimming fixtures and Phase Cut TRIAC PCT dimming fixtures.
- 3' 18/5 outdoor-rated hard usage cable standard for 0-10V dimming fixtures.

FIXTURE ORDERING INFORMATION

TO ORDER FIXTURE: Select appropriate choice from each column as in the following example.

EXAMPLE: RK94-GG-NS-30-A-MV-CX-ND-TO5

MODEL	DOOR FINISH	DISTRIBUTION	COLOR TEMPERATURE	DELIVERED LUMENS
RK94	GG - Glossy Gray B - Black Z - Architectural Bronze DZ - Dark Bronze LZ - Light Bronze G - Verde P - Pewter BR - Architectural Brick GT - Granite TC - Terracotta R - Rust HG - Hunter Green M - Mocha WB - Weathered Bronze WI - Weathered Iron W - White SB - Special Bronze	VNS - Very Narrow Spot NS - Narrow Spot MF - Medium Flood WF - Wide Flood	27 - 2700°K 30 - 3000°K 35 - 3500°K 40 - 4000°K 50 - 5000°K	A - 800-1200 B - 1200-1600 C - 1600-2000 RK94-VNS not available with B & C lumen packages.

VOLTAGE	LENS	DIMMING	ACCESSORIES
MV - Multi-Volt (120V-277V)	CX - Crowned Clear AX - Anti Slip Clear	ND - No Dimming 010 - 0-10V PCT - Phase Cut TRIAC (120V only)	TO5 - Tilt Optic 5° TO10 - Tilt Optic 10° TO15 - Tilt Optic 15° TO25 - Tilt Optic 25° DF - Diffuse Filter LSF - Linear Spread Filter CF-XXX* - Color Filter STR - Stainless Trim Ring * - Specify Color

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