



PROJECT

CATALOG #

TYPE

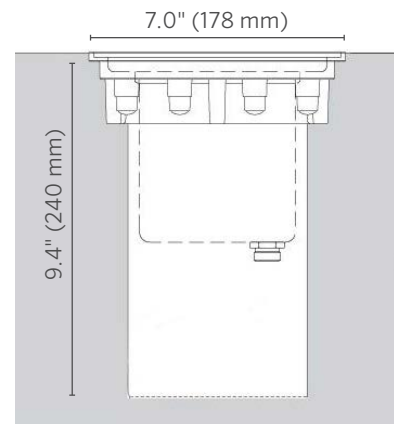
NOTES

KT In-Grade Light DESIGNER PREMIUM

The KT is a compact in-ground solution for locations where MR-16-based fixtures cannot be used due to heat. The internal rotation and tilt adjustability of the fixture ensures highly efficient light delivery according to environmental needs.

Quick Facts

- Marine-grade stainless steel construction
- Drive-over rated
- Cree® integrated LEDs
- Color temperature filters
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V



KT In-Grade Light SPECIFICATIONS

Output	3LED	ZDC
Total Lumens [†]	168	N/A*
Input Voltage	10 to 15V	11 to 15V
Input Power (W)	4.2	6.0
VA	4.5	7.2
Efficacy (Lumens/Watt)	40	N/A*
Color Rendering Index (CRI)	80+	80+
Center Beam Candlepower	395	N/A
Dimming	PWM, Phase	--
RGBW Available	No	Yes
Luxor Compatibility		
Default	Zoning	--
ZD Option	Zoning/Dimming	--
ZDC Option	--	Zoning/Dimming/Color
Minimum Rated Life (L90 B10)	55,000 Hrs	55,000 Hrs

[†] Measured using the 3,900K CCT lens. Multipliers for other CCTs include 0.80 (2,700K), 0.65 (4,500K), and 0.65 (5,200K).

* Contact customer service for details.

FX Luminaire

FX Luminaire is an industry-leading manufacturer of landscape and architectural lighting products with a focus on the advancement of LED technology and digital lighting control with zoning, dimming, and color adjustment capabilities. We offer a full spectrum of specification-driven lighting fixtures that can be utilized to create elegant, cutting-edge landscape lighting systems for commercial or residential applications. Our products are available exclusively via our extensive professional distributor network.

Materials

316 marine-grade stainless steel, die-cast aluminum and stainless steel hardware.

Socket

Socket contains MoistureBlock™ technology, preventing moisture from wicking up into sealed areas of the fixture.

Optics

Polycarbonate color temperature adjustment lenses included with luminaire: 2,700K (preinstalled), 3,900K (no lens), 4,500K, and 5,200K. Beam angle is calculated using LM-79 method for SSL fixtures.

Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformal coating for maximum reliability and corrosion resistance. Proprietary onboard intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradeable and replaceable, the LEDs are rated to 55,000 hrs. Maximum drive current: 1 A.

Wiring

Bottom entry 18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 10' (3 m) length

Power

Input 10-15 VAC/VDC, 50/60 Hz. Remote transformer required (specify separately).

Housing

Die-cast aluminum

Faceplate

316 marine-grade stainless steel

Lens

High optical purity glass with load strength suitable for walk-over and drive-over applications. Static load rating: 4,400 lbs (2,000 kg).*

Hardware

Teflon coated faceplate screws

Finish

Polished stainless steel finish

Ambient Operating Temperature

-22°F to 122°F (-30°C to 50°C)

Weight

6.7 lbs (3.0 kg)

Control

ZD or ZDC utilizes Luxor technology to zone fixtures in up to 250 groups, dim each group in 1% increments between 0 and 100%, or change to one of 30,000 colors with RGBW LEDs. Select the ZD option for zoning/dimming or ZDC for zoning/dimming/color. Standard fixture zoneable with Luxor.

Installation Requirements

Designed for recessed installation in the upward direction only.

Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high-quality light at optimal energy efficiency, lifespan, and durability.

Warranty

10-year limited warranty

Manufacturing

9001:2015 ISO certified facility

Listings



* Load applied to center of glass across a 2" (51 mm) diameter area.

KT In-Grade Light ORDERING INFORMATION

Fixture	Luxor Option	Output	Finish
KT	<input type="checkbox"/> [default] Zone	<input checked="" type="checkbox"/> 3LED 168 Lumens	<input checked="" type="checkbox"/> SS Stainless Steel
	<input type="checkbox"/> ZD Zone/Dim		
	<input type="checkbox"/> ZDC Zone/Dim/Color	<input checked="" type="checkbox"/> [default ZDC option]	

EXAMPLE FIXTURE CONFIGURATION: **KT-ZD-3LED-SS**



KT In-Grade Light PHOTOMETRICS

KT 3LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	Vertical 28.7°
4' (1.2 m)	24.7 fc (266 lx)	2.0' (0.6 m)
8' (2.4 m)	6.2 fc (67 lx)	4.1' (1.3 m)
12' (3.7 m)	2.7 fc (29 lx)	6.1' (1.9 m)
16' (4.9 m)	1.5 fc (16 lx)	8.2' (2.5 m)
20' (6.1 m)	1.0 fc (11 lx)	10.2' (3.1 m)
24' (7.3 m)	0.7 fc (8 lx)	12.3' (3.8 m)