FXLuminaire

Terra™ TN-60 In-Grade



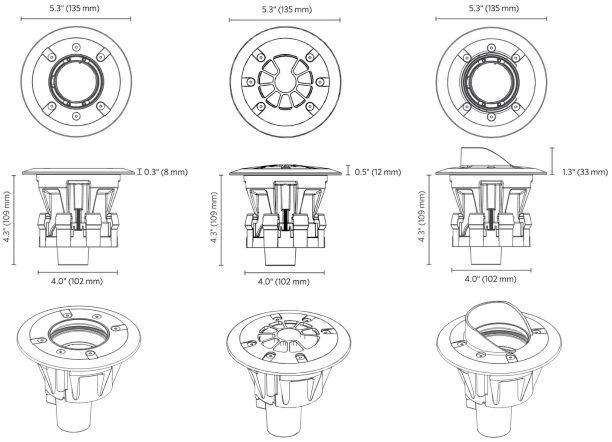
PROJECT

CATALOG #

TYPE

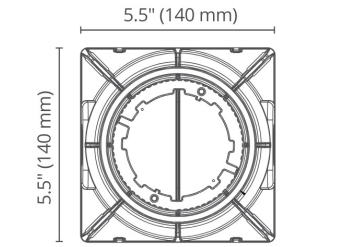
NOTES

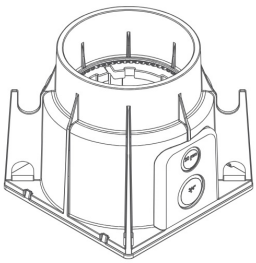
Engineered for precision and strength, the midsized Terra TN-60 In-Grade offers solid brass durability, exceptional water protection, and lasting performance in hardscape and high-traffic areas. Tool-free adjustability and drive-over capability make it a premium solution for residential and commercial outdoor lighting projects.

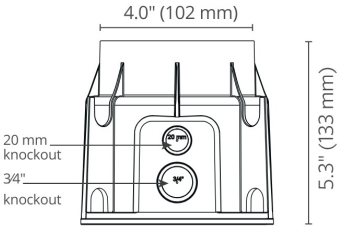


Quick Facts

- IP66/67 rated and IP68 submersion tested for superior water protection
- 360° rotational aiming and a 0° to 15° gimbal for precise adjustments
- Drive-over durability with the Concrete Pour Kit
- Alignment-locking and tamper-resistant design
- Built-in Luxor® Technology offers zoning, dimming, and RGBW color options for total design flexibility
- Solid brass construction provides unmatched durability
- Quick installs using 4" Schedule 40 and Thin Wall conduit







Light Source	3LED			6LED			9LED			ZDC		
	RG	CW	GR	RG	CW	GR	RG	CW	GR	RG	CW	GR
Total Lumens† (lm)	315	295	250	600	565	480	920	880	760	525	495	420
Power Consumption (VA)		4.5			9.3			12.2			11.0	
Efficacy (Lumens per Watt)	82	76	65	80	75	63	84	85	70	55	53	45
Correlated Color Temperature (CCT)		2700K			3000K			4000K			RGBW	
Beam Angle(s)		35°, 60°			35°, 60°			35°, 60°			35°	
Maximum Candela† (cd)	320	320	320	960	960	670	1490	1520	1140	740	760	540
Color Rendering Index (CRI)	83	83	83	83	83	83	83	83	83	80	80	80
Input Voltage		10 to 15V			10 to 15V			10 to 15V			11 to 15V	
Minimum Rated Life (L70/B10)		L70 (Hrs) 72,000			L70 (Hrs) 72,000			L70 (Hrs) 72,000			L70 (Hrs) 55,000	

† Measured using 3000K and a 35° beam angle.

About FX Luminaire

As a leading manufacturer of landscape and architectural lighting, FX Luminaire provides innovative products, resources, and support to help customers bring their visions to life. The company offers a range of specification-driven solutions, including fixtures, controls, and accessories, to enhance residential and commercial landscapes.

Materials

Brass

Dimming

Primary: Consult transformer specifications. Secondary: Luxor® Controller smooth dimming with ZD or ZDC configuration, or a trailing-edge (reverse phase-cut) dimmer.

Adjustability

360° of rotational adjustment and 15° of internal tilt.

Configuration

Integral driver

Finish

Options of natural metal finish, antiqued finish with brushed (Antique Bronze) effect, or polyester TGIC powder-coated finish, providing superior outdoor weathering in all conditions. Tested to ASTM standards. Antique finishes sealed with a clear TGIC powder-coated layer.

Hardware

Alignment-locking, tamper-resistant stainless steel hardware

Wiring

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

Sockets

Socket contains MoistureBlock™ Technology to prevent moisture from wicking up into sealed areas of the fixture.

Installation Accessories (Included)

Preinstalled Mounting Collet (T6X-CLT) to secure fixture in 4" conduit.

Lens

High optical purity glass.

Ambient Operating Temperature

0°F to 113°F (-18°C to 45°C)

Input Voltage

10 to 15 VAC/VDC, 50/60 Hz; 11 to 15 VAC required for ZDC configurations. Remote transformer required (specify separately).

Power Consumption

Specified power consumption indicates the full apparent power.

Installation Hardware

Recommended core drill size: 4''

Housing Capacity

Premium brass housing with capacity for 1 LED, 3 LED, 6 LED, 9 LED, or large ZDC integrated LEDs.

Installation Requirements

For installations in North American 4" Schedule 40 conduit or 4" SDR-21 thin-wall conduit, use the preinstalled collet (T6X-CLT). If coring is required, use a 4" core drill.

Lens Transparency

Clear

Beam Angles

Beam angle lenses included with fixture: 35° (preinstalled) and 60°

Control

ZD or ZDC options use 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 is zoneable with Luxor Controller.

Manufacturing

ISO 9001:2015 certified facility

Lifetime

L70 rating conforms to IES LM-80/TM-21 standards, projecting lumen maintenance to 70% of initial output.

Warranty

10-year limited warranty

Drive-Over Rated

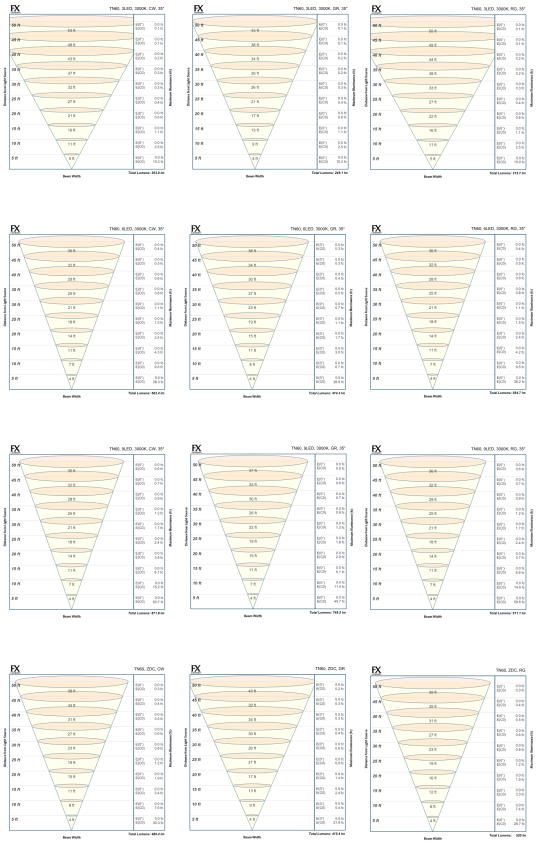
Load strength suitable for walk-over and drive-over applications. Static load rating: 4,400 lb (2,000 kg). For RG and GR faceplates only.

Listings

Fixture	Control	Power	Color Temp	Compliance	Faceplate	Finish
TN-60	**[Default]** Zone with Luxor, On/Off, Phase Dimmable	**3 LED** 4.5 VA	**W** Warm (2700K)	**[default]** North America (UL Listed)	**RG** (Ring)	**BZ** Bronze Metallic
	ZD Zone/Dim with Luxor	**6 LED** 9.3 VA	**S** Soft (3000K)	**E** International (CE Certified)	**CW** (Cowling)	**FB** Black
	ZDC Zone/Dim/Color with Luxor	**9 LED** 12.2 VA	**C** Cool (4000K)		**GR** (Grill)	**DG** Desert Granite
		[default ZDC option] 11.0 VA	**[Default]** RGBW, ZDC Option Required			**WI** Weathered Iron
						SB Sedona Brown
						FW Flat White
						SV Silver
						AB Antique Bronze
						BS Natural Brass

[ ] – [ ] – [ ] – [ ] – [ ] – [ ] – [ ]

EXAMPLE FIXTURE CONFIGURATION: *TG-60*-XX-XXXX-X-X-XX-XX



MOUNTING OPTIONS: Specify Separately

Mounts	Catalog No.		Mounts	Catalog No.
CPK	CPK-T6X			

GLARE CONTROL: Specify Separately

Glare Control	Catalog No.	Glare Control	Catalog No.
Hex Baffle for MR-16 LED Lamps	250015260000 		

LENS OPTIONS: Specify Separately

Lenses	Catalog No.		Lenses	Catalog No.	
Integrated LED Flood Lens, 35°	X*-LEDFLLENS		**Integrated LED Wide Flood Lens, 60°**	X*-LEDWFLLENS	

POWER OPTIONS: Specify Separately

Power	Catalog No.	
Low-Voltage Dimmer	DIM-LV	
DX Controller, 150 W, Stainless Steel	DX-150-SS	
	LSAT-300-SS	
Plug-In Transformer, 6 W	MT-6W	
PX Transformer, 600 W	PX-600-SS	
Step-Down Transformer, Dimmable (120 V to 12 V)	ST-120-DIM	
	SURGE-MOD	

Power	Catalog No.	
DX Controller, 150 W, Matte Gray	DX-150-M	
DX Controller, 300 W, Matte Gray	DX-300-M	
Mini Plug-In Transformer, 30 W	MT-30W	
PX Transformer, 300 W	PX-300-SS	
PX Transformer, 900 W	PX-900-SS	
Step-Down Transformer, UV (120/277 V to 12 V)	ST-UV	

SPLICING OPTIONS: Specify Separately

Splicing	Catalog No.	
Brass Lug Wire Connectors, 2-pack	WCHSBS2	
Heat Shrink Wire Connectors, 20-pack, Medium	WCHSMD20	
Ratcheting Crimper Tool	WCHSTOOL	

Splicing	Catalog No.	
Brass Lug Wire Connectors, 50-item Bulk Pack	WCHSBS50	
Heat Shrink Wire Connectors, 20-pack, Small	WCHSSM20	