

## CN-51 In-Grade **STANDARD**




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PROJECT

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CATALOG #

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TYPE

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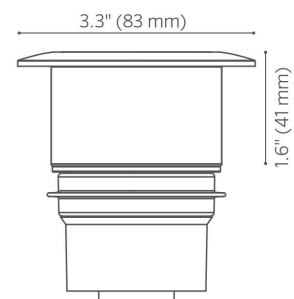
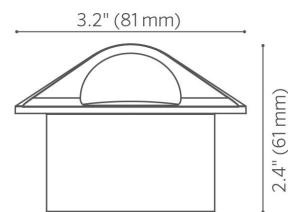
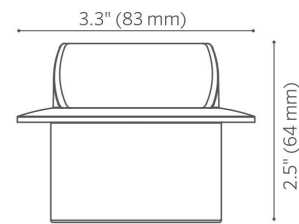
NOTES

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The elegant yet durable Cora CN-51 In-Grade is a perfect addition to lighting projects with modest budgets. Combining a corrosion-resistant brass construction with black oxide stainless steel hardware, this fixture is especially well-suited for coastal regions. As an excellent source of up lighting from a low-lying position, this fixture blends seamlessly with its surroundings, maintaining the natural beauty of the landscape.

### Quick Facts

- Low-lying fixture blends seamlessly with the environment
- Solid brass construction and black oxide stainless steel hardware deliver strong corrosion resistance
- Antique bronze finish provides increased durability and elegant look
- Fully potted on the inside to prevent water intrusion in any orientation
- MR-16 LED lamp



# CN-51 In-Grade SPECIFICATIONS

	Ring (RG)		Cowling (CW)		Round (RD)	
	ECO20WFL	ECO50WFL	ECO20WFL	ECO50WFL	ECO20WFL	ECO50WFL
<b>Total Lumens (lm)</b>	315	410	--	365	--	100
<b>Input Voltage (VAC/VDC)</b>	10 to 15	10 to 15	10 to 15	10 to 15	10 to 15	10 to 15
<b>Power Consumption (VA)</b>	6.2	9.2	6.2	9.2	6.2	9.2
<b>Efficacy (lm/W)</b>	85	84	--	76	--	21
<b>CRI (Ra)</b>	85+	85+	85+	85+	85+	85+
<b>Maximum Candela (cd)</b>						
<b>Flood (35°)</b>	758	1,124	788	1,062	271	344
<b>Minimum Rated Life (L70)</b>	30,000 Hrs	30,000 Hrs	30,000 Hrs	30,000 Hrs	30,000 Hrs	30,000 Hrs

## Standard MR-16 lamp 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

Brass fixture with black oxide stainless steel hardware

### Dimming

Primary: Consult transformer specifications. Secondary: Luxor® control (with ZD lamp) or a trailing-edge (reverse phase-cut) dimmer

### Finish

Antique Bronze finish sealed with a clear TGIC powder-coat layer

### Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300 V; 10' (3 m) length, measured from the light aperture

### Sockets

MR-16 GU5.3 socket with retaining clips. Ceramic socket base with heat-resistant contact pad. Stainless steel retaining clips ensure high spring force retention.

### Weight

1.6 lb (0.7 kg)

### Lens

OptiClear™ tempered glass for exceptional optical purity and load strength

### Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

### Input Voltage

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

### 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.

### Installation Hardware

Installs into standard North American 2.5" Schedule 40 conduit

### Installation Requirements

Designed for installation in in-grade (upward) or recessed, wall-mounted applications.

### Lens Transparency

Clear

### Manufacturing

ISO 9001:2015 certified facility


### Warranty

Fixture: 10-year limited  
Included Lamp: 5-year limited

### Listings



# CN-51 In-Grade ORDERING INFORMATION

Fixture	Lamp	Style	Finish
<b>CN-51</b>	<b>NL</b> No Lamp	<b>RG</b> Ring	<b>AB</b> Antique Bronze 
	<b>ECO20WFL</b> 20 W Equivalent LED Lamp, 2700K, 35° (4 W/6.2 VA)	<b>RD</b> Round	
	<b>ECO50WFL</b> 50 W Equivalent LED Lamp, 2700K, 35° (6 W/9.2 VA)	<b>CW</b> Cowling	
	<b>LED20WFL</b> 20 W Equivalent LED Lamp, 2,700K, 35° (4 W/4.3 VA)		
	<b>LED35WFL</b> 35 W Equivalent LED Lamp, 2,700K, 35° (6 W/8.5 VA)		
	<b>LED50WFL</b> 50 W Equivalent LED Lamp, 2700K, 35° (10 W/11.3 VA)		
	<b>ZD35WFL</b> ZD LED 5W (5.4VA) FMW		



CN51-XXXXXXXX-XX-AB

CN-51-ECO20WFL-RG-AB - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 32 °	Horizontal : 32 °
50' (15.2 m)	0.3 fc (3 lx)	29' (9 m)	29' (9 m)
40' (12.2 m)	0.5 fc (5 lx)	23' (7 m)	23' (7 m)
30.0' (9.1 m)	0.8 fc (9 lx)	17' (5 m)	17' (5 m)
20.0' (6.1 m)	1.9 fc (20 lx)	11' (3 m)	11' (3 m)
10.0' (3.0 m)	7.6 fc (82 lx)	6' (2 m)	6' (2 m)

CN-51-ECO20WFL-RD-AB - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 22 °	Horizontal : 32 °
10.0' (3.0 m)	0.02 fc (0 lx)	0.8' (0 m)	5.8' (2 m)
8' (2 m)	0.03 fc (0 lx)	1.5' (0 m)	4.7' (1 m)
6' (2 m)	0.06 fc (1 lx)	2.3' (1 m)	3.5' (1 m)
4' (1 m)	0.13 fc (1 lx)	3.1' (1 m)	2.3' (1 m)
2' (1 m)	0.5 fc (5 lx)	3.8' (1 m)	1.2' (0 m)

CN-51-ECO20WFL-CW-AB - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 32 °	Horizontal : 31 °
50' (15.2 m)	0.3 fc (3 lx)	28' (9 m)	28' (9 m)
40' (12.2 m)	0.5 fc (5 lx)	23' (7 m)	22' (7 m)
30.0' (9.1 m)	0.9 fc (10 lx)	17' (5 m)	17' (5 m)
20.0' (6.1 m)	2 fc (22 lx)	11' (3 m)	11' (3 m)
10.0' (3.0 m)	7.9 fc (85 lx)	6' (2 m)	6' (2 m)

CN-51-ECO50WFL-RG-AB - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 30 °	Horizontal : 30 °
50' (15.2 m)	0.5 fc (5 lx)	26' (8 m)	26' (8 m)
40' (12.2 m)	0.7 fc (8 lx)	21' (6 m)	21' (6 m)
30.0' (9.1 m)	1.3 fc (14 lx)	16' (5 m)	16' (5 m)
20.0' (6.1 m)	2.8 fc (30 lx)	11' (3 m)	11' (3 m)
10.0' (3.0 m)	11.2 fc (121 lx)	5' (2 m)	5' (2 m)

CN-51-ECO50WFL-RD-AB - Illuminance at a Distance



Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 22 °	Horizontal : 32 °
10.0' (3.0 m)	0.02 fc (0 lx)	0.8' (0 m)	5.7' (2 m)
8' (2 m)	0.03 fc (0 lx)	1.5' (0 m)	4.6' (1 m)
6' (2 m)	0.06 fc (1 lx)	2.3' (1 m)	3.4' (1 m)
4' (1 m)	0.13 fc (1 lx)	3.1' (1 m)	2.3' (1 m)
2' (1 m)	0.5 fc (5 lx)	3.8' (1 m)	1.1' (0 m)

CN-51-ECO50WFL-CW-AB - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 30 °	Horizontal : 30 °
50' (15.2 m)	0.4 fc (4 lx)	26' (8 m)	27' (8 m)
40' (12.2 m)	0.7 fc (8 lx)	21' (6 m)	21' (6 m)
30.0' (9.1 m)	1.2 fc (13 lx)	16' (5 m)	16' (5 m)
20.0' (6.1 m)	2.6 fc (28 lx)	11' (3 m)	11' (3 m)
10.0' (3.0 m)	10.4 fc (112 lx)	5' (2 m)	5' (2 m)










# CN-51 In-Grade ORDERING INFORMATION

GLARE OPTIONS: Specify Separately

Glare	Catalog No.		Glare	Catalog No.	
Hex Baffle for MR-16 LED Lamps	250015260000		RecessorRing® Spacer for MR-16 LED Lamps	RR-MR16	

















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LENSE OPTIONS: Specify Separately

Lenses	Catalog No.		Lenses	Catalog No.	
Linear Spread Lens for MR-16 LED Lamps	250013550000		Frosted Lens for MR-16 LED Lamps	250015170000	
Dichroic Lens for MR-16 LED Lamps, Light Green	250015180000		Dichroic Lens for MR-16 LED Lamps, Blue	250015190000	
Dichroic Lens for MR-16 LED Lamps, Light Blue	250015200000		Dichroic Lens for MR-16 LED Lamps, Green	250015210000	
Dichroic Lens for MR-16 LED Lamps, Red	250015220000		Dichroic Lens for MR-16 LED Lamps, Peach	250015230000	
Solite Spread Lens for MR-16 LED Lamps	250015240000				





# CN-51 In-Grade ORDERING INFORMATION

POWER OPTIONS: Specify Separately

Power	Catalog No.		Power	Catalog No.	
Low-Voltage Dimmer	DIM-LV		DX Transformer 150 W Matte Grey	DX150M	
DX Transformer 150 W Stainless Steel	DX150SS		DX 300 W Matte Grey	DX300M	
Luxor Cube - Low voltage	LCM-LV		Mini Plug-In Transformer, 30W	MT-30W	
Plug-in transformer, 6W	MT-6W			PX-PC	
Plug-in 24VAC relay	PX-SYNC		Lighting transformer plug-in timer	PX-TIMER	
PX Transformer 300 W	PX300SS		PX Transformer 600 W	PX600SS	
PX Transformer 900 W	PX900SS		Step-Down Transformer, Dimmable (120 V to 12 V)	ST-120-DIM	
Step-Down Transformer, UV (120/277 V to 12 V)	ST-UV		Lighting Fixture Surge Module	SURGE-MOD	

# CN-51 In-Grade ORDERING INFORMATION

SPLICING OPTIONS: Specify Separately

Splicing	Catalog No.		Splicing	Catalog No.	
Brass Lug Wire Connectors, 2-pack	WCHSBS2		Brass Lug Wire Connectors, 50-item bulk pack	WCHSBS50	
Heat Shrink Wire Connectors, 20-pack, Medium	WCHSMD20		Heat Shrink Wire Connectors, 20-pack, Small	WCHSSM20	
Ratcheting Crimper Tool	WCHSTOOL	