Cora™ CN-51 In-Grade or Recessed Wall Light



PROJECT NAME

TYPE

CATALOG #

QUANTITY

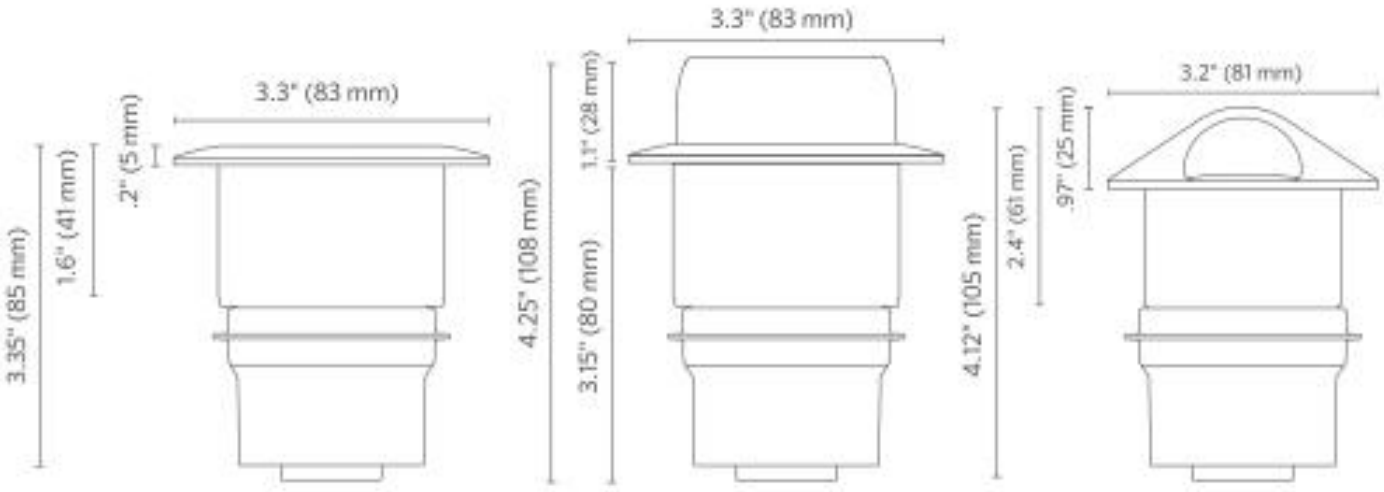
NOTES

The elegant CN-51 Recessed Wall Light is a perfect addition to lighting projects for clients with modest budgets. Because of its corrosion-resistant construction, this fixture is especially at home in coastal regions.

Quick Facts

- Utilizes a premium lamp socket with a ceramic base and retaining clips for a secure and long-lasting hold
- Select brass construction and black oxide stainless steel hardware delivers strong corrosion resistance, increased durability, and an elegant look
- Minimal visible hardware for a clean and elegant design, day or night
- Utilizes specialized optics for wall- and ground-washing effects
- Built-in, spring-loaded lamp positioning for maximum control over glare and photometry
- Available in a warm (2700K) and soft (3000K) color temperatures.
- Antique bronze finish provides increased durability and elegant look

CN-51 Dimensions



CN-51 Photometrics

CN51-E6WFL-RG-AB - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 32°	Horizontal : 32°
50' (15 m)	0.3 fc (3 lx)	29' (9 m)	29' (9 m)
40' (12 m)	0.5 fc (5 lx)	23' (7 m)	23' (7 m)
30' (9 m)	0.8 fc (9 lx)	17' (5 m)	17' (5 m)
20' (6 m)	1.9 fc (20 lx)	11' (3 m)	11' (3 m)
10' (3 m)	7.6 fc (82 lx)	6' (2 m)	6' (2 m)

CN51-E6WFL-RD-AB - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 22°	Horizontal : 32°
10' (3 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)

CN51-E6WFL-CW-AB - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 32°	Horizontal : 31°
50' (15 m)	0.3 fc (3 lx)	28' (9 m)	28' (9 m)
40' (12 m)	0.5 fc (5 lx)	23' (7 m)	23' (7 m)
30' (9 m)	0.9 fc (10 lx)	17' (5 m)	17' (5 m)
20' (6 m)	2 fc (22 lx)	11' (3 m)	11' (3 m)
10' (3 m)	7.9 fc (85 lx)	6' (2 m)	6' (2 m)

CN51-E9WFL-RG-AB - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 30°	Horizontal : 30°
50' (15 m)	0.5 fc (5 lx)	26' (8 m)	26' (8 m)
40' (12 m)	0.7 fc (8 lx)	21' (6 m)	21' (6 m)
30' (9 m)	1.3 fc (14 lx)	16' (5 m)	16' (5 m)
20' (6 m)	2.8 fc (30 lx)	11' (3 m)	11' (3 m)
10' (3 m)	11.2 fc (121 lx)	5' (2 m)	5' (2 m)

CN51-E9WFL-RD-AB - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 22°	Horizontal : 32°
10' (3 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)

CN51-E9WFL-CW-AB - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 30°	Horizontal : 30°
50' (15 m)	0.4 fc (4 lx)	26' (8 m)	27' (8 m)
40' (12 m)	0.7 fc (8 lx)	21' (6 m)	21' (6 m)
30' (9 m)	1.2 fc (13 lx)	16' (5 m)	16' (5 m)
20' (6 m)	2.6 fc (28 lx)	11' (3 m)	11' (3 m)
10' (3 m)	10.4 fc (112 lx)	5' (2 m)	5' (2 m)

CN-51 Specification Chart

	Ring (RG)		Cowling (CW)		Round (RD)	
	E6WFL	E9WFL	E6WFL	E9WFL	E6WFL	E9WFL
Total Lumens (lm)	315	410	--	365	--	100

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

Technical Specifications

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.

CONSTRUCTION

Materials	Brass fixture with black oxide stainless steel hardware
LED	E6
Adjustability	Fixed
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)
Ambient Operating Temperature	0°F to 140°F (-18°C to 60°C)
Lens Transparency	Clear

SUSTAINABILITY & MANUFACTURING

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

Warranty Fixture: 10-year limited Included Lamp: 3- or 5-year limited

LISTINGS

ADDITIONAL CERTIFICATIONS

UL 1838

Model Configurator

CN51						
MODEL	LAMP	LED COLOR	OPTIC	STYLE	WIRE LEAD	FINISH

LAMP

- ☐ **E6** 6.0 VA MR-16 Lamp (Eco Lamp Series)
- ☐ **E9** 9.0 VA MR-16 Lamp (Eco Lamp Series)
- ☐ **NL** Lamp Not Included
- ☐ **P4** 4.3 VA LED MR-16 Lamp (PRO Lamp series)
- ☐ **P5** 5.4 VA LED MR-16 Lamp (PRO Lamp series)
- ☐ **ZD5** 5.4 VA LED MR-16 Lamp (ZD Lamp series)

LED COLOR

- ☐ **[Default]** No Lamp
- ☐ **W** Warm (2700K)
- ☐ **S** Soft (3000K)

OPTIC

- ☐ **[Default]** NL Lamp
- ☐ **FL** Flood (30°)
- ☐ **WF** Wide Flood (60°)

STYLE

- ☐ **CW** — Cowling
- ☐ **RD** — Round
- ☐ **RG** — Ring

WIRE LEAD

- ☐ **[Default]** — 10' (3 m)
- ☐ **XL** — 26' (8 m) Lead

FINISH

- ☐ **AB** — Antique Bronze
- ☐ **FB** — Black

Accessories

POWER

- ☐  **MT-6W** — Plug-In Transformer, 6 W
- ☐  **ST-UV** — Step-Down Transformer, UV (120/277 V to 12 V)
- ☐  **SURGE-MOD** — Surge Protection Module
- ☐  **PX-PC** — PX Transformer photocell
- ☐  **PX-SYNC** — Plug-in 24VAC relay
- ☐  **PX-TIMER** — Lighting transformer plug-in timer
- ☐  **LCM-LV** — Luxor Cube - Low-Voltage
- ☐  **ST-120-DIM** — Step-Down Transformer, Dimmable (120 V to 12 V)
- ☐  **MT-30W** — Mini Plug-In Transformer, 30 W
- ☐  **DIM-LV** — Low-Voltage Dimmer
- ☐  **DX150M**
- ☐  **DX150SS**



DX300M



PX-300-SS



PX-600-SS



PX-900-SS

SPLICING



WCHSBS2
Brass Lug Wire Connectors, 2-pack



WCHSBS50
Brass Lug Wire Connectors, 50-item Bulk Pack



WCHSSM20
Heat Shrink Wire Connectors, 20-pack, Small



WCHSMD20
Heat Shrink Wire Connectors, 20-pack, Medium



WCHSTOOL
Ratcheting Crimper Tool