

Project Name \_\_\_\_\_  
 Catalog # \_\_\_\_\_  
 Type \_\_\_\_\_  
 Notes \_\_\_\_\_



# Wireless Network Controlled Commercial Downlights

with Sensorless Controller Node

## FEATURES

- Integrated DOMINO™ Sensorless Controller Node
- App controlled tunable white (CCT) Control
- Bluetooth® mesh network for wireless communication
- Easy commissioning with DOMINO™ App (Available in IOS and Android)
- Attached Remote Junction & Node Box
- 120-347V Input Voltage Range

## ORDER INFO

Item	Size	Wattage	Max. Replacement Wattage	Lumens	Beam Angle	Efficacy	UPC
68-211	4"	13.2W	75W	1200	85°	up to 98 LPW	045923402463
68-212	6"	18.5W	100W	2200	105°	up to 118 LPW	045923402470
68-213	8"	25.5W	125W	3200	100°	up to 125 LPW	045923402487

## GENERAL SPECIFICATIONS

Input Voltage	120V-347V
Frequency	60Hz
Power Factor, THD%	>0.9, <30%
CRI	90+
CCT Tunable	Yes
CCT	2700K-5000K
Dimmable	App Controlled
Dimmable Down To	≤ 10%

Location Rating	Damp
IC Rated	Yes
AT Rated	Yes
IP Rating	IP20
Operating Temperature	-20°C (-4°F) to +25°C (+77°F)

Functional Life	50,000 Hours
Warranty	5 Years

## CONSTRUCTION

Housing Material	Aluminum
Housing Finish	White
Lens Material	Polycarbonate (PC)

## COMPLIANCE

Safety Listing	cETLus Listed
Energy Star Compliant	Yes
T24 Compliant	Yes
FCC Compliant	Yes
ICES-005 Compliant	Yes

## WIRELESS NODE SPECIFICATIONS\*

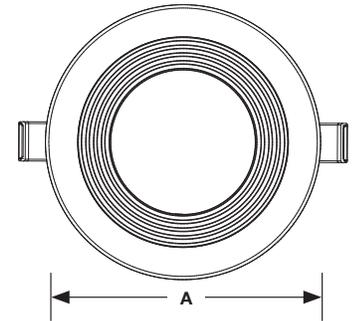
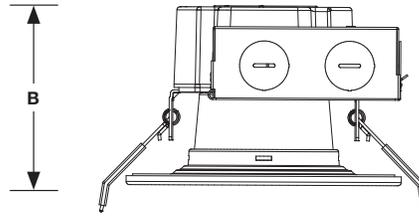
Wireless Node Type	Sensorless
Wireless Node Detection Height	N/A
Wireless Node Range	200 ft
Wireless Node Mounting Type	Fixture Mount

\*Additional Wireless Node information on page 4



## DIMENSIONS

Item	Diameter (A)	Height (B)	Weight
68-211	4.96"	3.23"	1.46 Lbs.
68-212	7.40"	3.43"	1.65 Lbs.
68-213	9.92"	4.02"	2.34 Lbs.



## PHOTOMETRICS

**SATCO Item: 68-211**

Description: DOMINO 13W/CDL/4/120-347  
 Default PowerQuick Setting: 13.2W  
 Default ColorQuick Setting: 3500K  
 1336 LM, 12.79 W, 105 LPW  
 Beam Angle: 85°  
 Field Angle: 142°  
 Spacing Criteria (0°-180°): 1.11  
 Spacing Criteria (90°-270°): 1.10

Candela Polar Plot		Zonal Lumens			Illumination at Distance	
<p>Max Candela = 671</p>	Zone	Lumens	%Luminaire	Distance	Center Beam / Beam Spread	
	0-30°	485	36.3%	4ft	42fc / 7.3ft	
	0-40°	751	56.2%	8ft	11fc / 14.6ft	
	0-60°	1172	87.7%	12ft	5fc / 21.9ft	
	0-90°	1336	100.0%	16ft	3fc / 29.2ft	
	90-180°	0	0.0%	20ft	2fc / 36.6ft	
0-180°	1336	100.0%				

**SATCO Item: 68-212**

Description: DOMINO 19W/CDL/6/120-347  
 Default PowerQuick Setting: 18.5W  
 Default ColorQuick Setting: 3500K  
 2405 LM, 17.50 W, 137 LPW  
 Beam Angle: 103°  
 Field Angle: 151°  
 Spacing Criteria (0°-180°): 1.22  
 Spacing Criteria (90°-270°): 1.23

Candela Polar Plot		Zonal Lumens			Illumination at Distance	
<p>Max Candela = 960</p>	Zone	Lumens	%Luminaire	Distance	Center Beam / Beam Spread	
	0-30°	736	30.6%	4ft	59fc / 10.0ft	
	0-40°	1190	49.5%	8ft	15fc / 20.0ft	
	0-60°	2015	83.8%	12ft	7fc / 30.1ft	
	0-90°	2405	100.0%	16ft	4fc / 40.1ft	
	90-180°	0	0.0%	20ft	3fc / 50.1ft	
0-180°	2405	100.0%				

**SATCO Item: 68-213**

Description: DOMINO 26W/CDL/8/120-347  
 Default PowerQuick Setting: 25.5W  
 Default ColorQuick Setting: 3500K  
 3290 LM, 24.76 W, 133 LPW  
 Beam Angle: 99°  
 Field Angle: 153°  
 Spacing Criteria (0°-180°): 1.19  
 Spacing Criteria (90°-270°): 1.19

Candela Polar Plot		Zonal Lumens			Illumination at Distance	
<p>Max Candela = 1361</p>	Zone	Lumens	%Luminaire	Distance	Center Beam / Beam Spread	
	0-30°	1027	31.3%	4ft	85fc / 9.4ft	
	0-40°	1645	50.0%	8ft	21fc / 18.7ft	
	0-60°	2744	83.4%	12ft	10fc / 28.1ft	
	0-90°	3290	100.0%	16ft	5fc / 37.5ft	
	90-180°	0	0.0%	20ft	4fc / 46.9ft	
0-180°	3290	100.0%				

## DOWNLOADS



Visit [satco.com/service/warranty](http://satco.com/service/warranty) for complete warranty details.

**ACCESSORIES** (Sold Separately)

**Items - Associated with only 68-211**

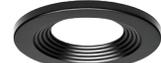
**S13540** 4" Flat Goof Ring for Commercial Downlights; Round; White Finish



**S21650** 4" Round Commercial DL Trim; Black Finish



**S21651** 4" Round Commercial DL Trim; Bronze Finish



**S21652** 4" Round Commercial DL Trim; Silver Finish



**Items - Associated with only 68-212**

**S13541** 6" Flat Goof Ring for Commercial Downlights; Round; White Finish



**S21653** 6" Round Commercial DL Trim; Black Finish



**S21654** 6" Round Commercial DL Trim; Bronze Finish



**S21655** 6" Round Commercial DL Trim; Silver Finish



**Items - Associated with only 68-213**

**S13542** 8" Flat Goof Ring for Commercial Downlights; Round; White Finish



**S21656** 8" Round Commercial DL Trim; Black Finish



**S21657** 8" Round Commercial DL Trim; Bronze Finish



**S21658** 8" Round Commercial DL Trim; Silver Finish



**Items - Associated with ALL SKUS (68-211 to 68-213)**

**80-959** Rough-In Mounting Plate for 4/6/8 or 10 in. Commercial Downlight Fixtures



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Meets requirements of ICES-005 issue 5. 120V: class B for use in residential applications. 277V & 347V: class A for commercial, industrial or business applications.

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Specifications are subject to change without prior notice.

CAUTION - RISK OF ELECTRIC SHOCK. Do not use if outer lamp is damaged or broken.

WARNING: Some products included in this specification sheet may be subject to the warning requirements of California's Proposition 65. Please refer to your product packaging for more information.

Replacement wattage shown depends on application and fixture

Project Name \_\_\_\_\_  
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87-402

## Sensorless Controller Node

The DOMINO™ Sensorless Controller Node is a compact, control module designed for seamless integration into select DOMINO™ downlights. Engineered with Bluetooth® mesh connectivity and an enhanced antenna design, it supports extended wireless communication – for addressable dimming and CCT control of recessed lights. The polycarbonate housing ensures reliable performance in, while its simplified factory-reset functionality enables fast reconfiguration in the field. Compatible with 12V auxiliary outputs and dim-to-off LED drivers, this node delivers robust, fixture-level control in commercial lighting applications.

### FEATURES

- Enhanced antenna design for extended range
- Bluetooth® mesh network for wireless communication
- Direct control- no hub or gateway needed
- Easy commissioning with DOMINO™ App (Available in IOS and Android)

### GENERAL SPECIFICATIONS

<b>Voltage</b>	DC 12V
<b>Input Current (Amps)</b>	41mA Max
<b>Sinking Current</b>	10mA Max
<b>Operating Temperature</b>	-30°C to 65°C, -22°F to 149°F
<b>Location Rating</b>	Dry
<b>IP Rating</b>	IP20
<b>Communication Protocol</b>	Bluetooth Mesh
<b>BLE Control Node</b>	Yes
<b>Bluetooth Mesh Range</b>	200 ft
<b>Software Supported</b>	DOMINO™ App
<b>Upgradeable Firmware</b>	Yes
<b>Sensor Type</b>	Sensorless
<b>Sensor Detection Height</b>	N/A
<b>Sensor Mounting Type</b>	Fixture Mount
<b>Dimming Technology</b>	DOMINO™ Bluetooth Mesh
<b>Tuneable Capable</b>	Yes
<b>Encryption</b>	128-bit AES-CCM
<b>Cybersecurity</b>	UL1376
<b>Radio Frequency</b>	2.4GHz ± 75MHz
<b>Factory Reset Type</b>	Magnet

### CONSTRUCTION

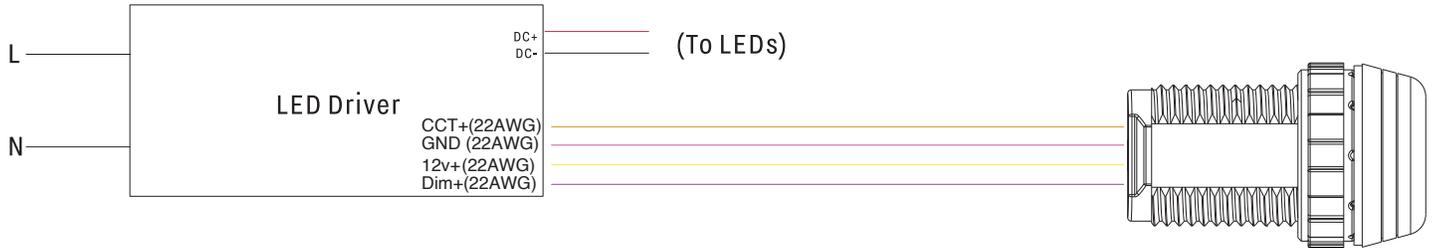
<b>Construction Material</b>	Thermoplastic
<b>Construction Finish</b>	White
<b>Connector Port</b>	Hardwired

### COMPLIANCE

<b>Safety Listing</b>	UL
<b>FCC</b>	Yes
<b>FCC ID Number</b>	2A26YLTKTVT2021
<b>ICES-005</b>	Yes
<b>DLC Classification</b>	DLC NLC Listed
<b>DLC ID</b>	N-XS2QN3
<b>Warranty</b>	5 Year

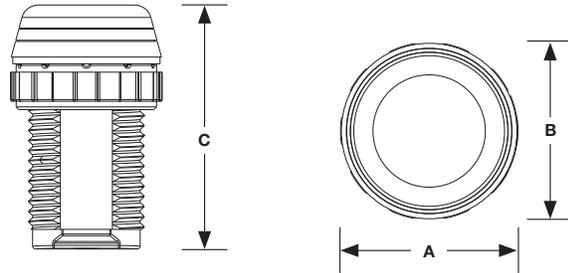


## WIRING



## DIMENSIONS

Length (A)	Width (B)	Height (C)
1.1" (26.8mm)	1.1" (26.8mm)	1.72" (43.6mm)



## COMPATIBLE WITH FIXTURES\*

87-402

68-211  
68-212  
68-213

## DOWNLOADS



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