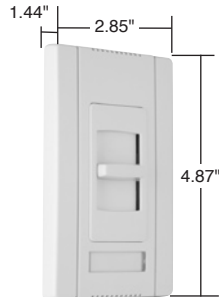
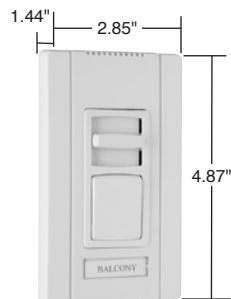


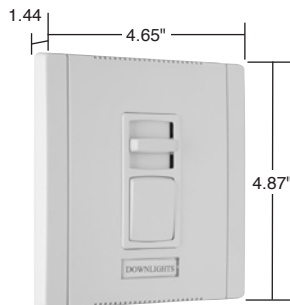
# Technical Specifications Titan™ Series Fluorescent 2 Wire



**CDFB5W  
Narrow**



**CDFB53PW  
Narrow**



**CDFB103PW  
Wide**

### Typical Specifications

Manufacturer's Identification: Pass and Seymour Legrand CDFB5

Description: Fluorescent Dimmer

Type: Single Pole 2 Wire

Rating: 5A, 120V

3rd Party Compliance: cULus Listed, File Number E95219 Standard UL1472 Solid State Dimming Controls, Standard C22.2 No. 184-1; File Number E109655 Standard UL1917 Solid State Fan Controls, Standard C22.2 No. 156. California Title 24 Compliant. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Description	Ratings	Narrow or Wide
<input type="checkbox"/> CDFB5	2 Wire, Electronic, Single Pole, Slide-to-OFF	5A, 120V	Narrow
<input type="checkbox"/> CDFB8	2 Wire, Electronic, Single Pole, Slide-to-OFF	8A, 120V	Narrow
<input type="checkbox"/> CDFB10	2 Wire, Electronic, Single Pole, Slide-to-OFF	10A, 120V	Wide
<input type="checkbox"/> CDFB16	2 Wire, Electronic, Single Pole, Slide-to-OFF	16A, 120V	Wide
<input type="checkbox"/> CDFB7277	2 Wire, Electronic, Single Pole, Slide-to-OFF	7A, 277V	Wide
<input type="checkbox"/> CDFB10277	2 Wire, Electronic, Single Pole, Slide-to-OFF	10A, 277V	Wide
<input type="checkbox"/> CDFB53P	2 Wire, Electronic, Single Pole/3-Way, Preset	5A, 120V	Narrow
<input type="checkbox"/> CDFB83P	2 Wire, Electronic, Single Pole/3-Way, Preset	8A, 120V	Narrow
<input type="checkbox"/> CDFB103P	2 Wire, Electronic, Single Pole/3-Way, Preset	10A, 120V	Wide
<input type="checkbox"/> CDFB53P	2 Wire, Electronic, Single Pole/3-Way, Preset	16A, 120V	Wide
<input type="checkbox"/> CDFB83P	2 Wire, Electronic, Single Pole/3-Way, Preset	7A, 277V	Wide
<input type="checkbox"/> CDFB103P	2 Wire, Electronic, Single Pole/3-Way, Preset	10A, 277V	Wide

### Performance

#### Electrical

Supply Voltage	120VAC or 277VAC, 60Hz
Maximum Load	Up to rating of device (including derating)

#### Environment

Ambient Temperature	Between 0° and 40°C
Humidity	Less than 95% non-condensing

#### Mechanical

Aluminum Heat Sink	Thermoplastic enclosure, wall plate, and ganging parts
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### Materials

Back Body	Thermoplastic	Spacers	Thermoplastic
Front Body	Thermoplastic	Heat Sink/Strap	Aluminum
Wall Plate	Thermoplastic	Screws	Plated Steel
End Caps	Thermoplastic		

Project
Location/Type



# Technical Specifications Titan™ Series Fluorescent

Pass & Seymour



## De-Rating for Multi-Gang Installations

Dimmer Catalog No.	1-Gang Installation	Fins: NOT Removed		Fins: Removed	
		2-Gang Installation	3- or More Gang Installation	2-Gang Installation	3- or More Gang Installation
CDFB5	5A	5A	5A	5A	5A
CDFB8	8A	8A	8A	7.7A	6.3A
CDFB53P	5A	5A	5A	5A	5A
CDFB83P	8A	8A	8A	7.7A	6.3A
CDFB10	10A	10A	10A	10A	10A
CDFB16	16A	16A	16A	—	—
CDFB7277	7A	7A	7A	7A	7A
CDFB10277	10A	10A	10A	10A	10A
CDFB103P	10A	10A	10A	10A	10A
CDFB163P	16A	16A	16A	—	—
CDFB73P277	7A	7A	7A	7A	7A
CDFB103P277	10A	10A	10A	10A	10A

## CDFB 2 Wire Electronic Fluorescent Dimmer Ballast Compatibility

Compatible P&S Catalog Number	Voltage	Ballast Manufacturer	Model
CDFB5 CDFB8 CDFB53P CDFB83P CDFB10 CDFB16 CDFB103P CDFB163P	120VAC 60Hz	Advance	REZ-132-SC, REZ-2S32-SC, REZ-3S32-SC, REZ-154, REZ-2554, REZ-1Q18-M2, REZ-2Q18-M2, REZ-1T42-M2, REZ-2T42-M3, REZ-1TTS40/REZ-1TTS40-SC, REZ-2TTS40/REZ-2TTS40-SC, IEZ-2S24-D, REB-2S26-M1-LS-DIM/REB-2S26-M1-BS-DIM
		Lutron	2W-T426-120-1-S, 2W-T426-120-2-S, 2W-T432-120-1-S, 2W-T432-120-2-S, 2W-T832-120-1-S, 2W-T832-120-2-S
		Sylvania/Osram	QTP1x32T8/UNV DIM, QTP2x32T8/UNV DIM, QTP3x32T8/UNV DIM, QTP4x32T8/UNV DIM
CDFB7277 CDFB10277 CDFB73P277 CDFB103P277	277VAC 60Hz	Advance	VEZ-132-SC, VEZ-2S32-SC, VEZ-3S32-SC, VEZ-154, VEZ2S54, VEZ-1Q18-M2, VEZ-2Q18-M2, VEZ-2T42-M3, VEZ-1TTS40/VEZ-1TTS40-SC, VEZ-2TTS40/VEZ-2TTS40-SC, IEZ-2S24-D
		Sylvania/Osram	QTP1x32T8/UNV DIM, QTP2x32T8/UNV DIM, QTP3x32T8/UNV DIM, QTP4x32T8/UNV DIM

## Wall box gang requirements

1. Choose fin style (not removed or removed).
2. Select the column for the number of narrow dimmers to be installed.
3. Select the row for the number of wide dimmers to be installed.
4. The number at the intersection of the selected column and row indicates the number of wall box gangs required.

FINS: NOT Removed							
Wide Dimmers	Narrow Dimmers						
	0	1	2	3	4	5	6
0	0	1	1+1*	4	4+1*	7	7+1*
1	1	3	5	6	8	9	11
2	4	5	7	8	10	11	13
3	6	8	9	11	12	14	15
4	9	10	12	13	15	16	
5	11	13	14	16			
6	14	15					

FINS: Removed							
Wide Dimmers	Narrow Dimmers						
	0	1	2	3	4	5	6
0	0	1	2	3	4	5	6
1	1	3	4	5	6	7	8
2	3	4	5	6	7	8	9
3	5	6	7	8	9	10	11
4	7	8	9	10	11	12	13
5	9	10	11	12	13	14	15
6	11	12	13	14	15	16	17

\*Refer to instruction sheets for exact placement of boxes for even number of narrow dimmers.

Project
Location/Type