

C3 Series Retrofit Kit

Linear Retrofit Kit

OVERVIEW

Wattage (W)	14W, 18W, 19W, 29W, 31W, 49W, 64W
Lumen Package (lm)	Up to 11,840 lm
Color Temperature (CCT)	2700K, 3000K, 3500K, 4000K, 5000K
Efficacy (lm/W)	Up to 185 lm/W



DETAILS

LED Living Technology's ground-breaking, high-performance fluorescent-to-LED retrofit kit features our patented design with flexibility in mind. These LED retrofit kits are UL-certified for use in recessed, surface-mounted, and suspended fluorescent fixtures.

KEY FEATURES

- Lumen Output Up to 11,840 lm
- Custom Configurations Available
- Magnetic Backing for Easy Install
- Retrofits for 1'x4', 2'x2', 2'x4', and 2'x8' Troffers and 4' and 8' Linear Fixtures

APPLICATIONS

- Office
- Lobby
- Hallway
- Conference Room
- School
- Library
- Airport
- Showroom
- Hospitality



Without Lens



With Lens

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SPECIFICATIONS

Wattage & Lumens	14W, 2,550 lumens 18W, 3,260 lumens 19W, 3,550 lumens 29W, 5,050 lumens 31W, 5,705 lumens 49W, 8,720 lumens 64W, 11,840 lumens
Efficacy	Up to 185 lm/W
CCT	2700K, 3000K, 3500K, 4000K, 5000K
CRI (Ra)	80
Controls	0-10V Dimming
Input Voltage	120-277VAC, 50/60Hz
Power Supply	Advance
Driver Type	Constant Current (CC)
Power Factor	>0.90
LED Type	CREE J-Series 2835
Average Lifetime	L70: 54,000 hours
Beam Angle	100°
Mounting	Magnetic/Screw
Operating Temperature	-20°C to +40°C (-4°F to +104°F)
Lens	Frosted, Isotropic Lens, Opalescent Film
Surge Protection	2.5kV line-line, 2.5kV line-earth
Certifications	DLC, UL
Warranty	5 Years

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ORDERING GUIDE

 Example: **C3014D-0222-XX8H-000**

SKU Root	Wattage / Lumens	Driver Type	# of 4ft Strips	# of 2ft Strips	Housing Type	CCT	CRI	LED Type	Options	Lens
C3	014 - 14W, 2,550 lumens	D - 0-10V Dimming	-0 - (0) 4ft LED Strips	0 - (0) 2ft LED Strips	12 - 1x2	-27 - 2700K	8 - 80	H - High Efficiency	-00 - Standard	0 - None F - Frosted L - Isotropic Lens P - Opalescent Film
	018 - 18W, 3,260 lumens		-1 - (1) 4ft LED Strip	2 - (2) 2ft LED Strips	22 - 2x2	-30 - 3000K				
	019 - 19W, 3,550 lumens		-2 - (2) 4ft LED Strips	3 - (3) 2ft LED Strips	24 - 2x4	-35 - 3500K				
	029 - 29W, 5,050 lumens		-4 - (4) 4ft LED Strips	4 - (4) 2ft LED Strips	44 - 4x4	-40 - 4000K				
	031 - 31W, 5,705 lumens				28 - 2x8	-50 - 5000K				
	049 - 49W, 8,720 lumens									
	064 - 64W, 11,840 lumens									

PRODUCT DIMENSIONS

DIMENSIONS	2x2 = (2) 2ft Strips	2x4 = (2) 4ft Strips	2x8 = (4) 4ft Strips
Product Dimension	Each 2ft Strip: 21.25" x 0.70" (540 x 18 mm)	Each 4ft Strip: 4ft: 42.5" x 0.70" (1080 x 18 mm)	Each 4ft Strip: 4ft: 42.5" x 0.70" (1080 x 18 mm)
Luminaire Net Weight	0.75 lbs (3.4 g)	0.90 lbs (4.1 g)	1.47 lbs (6.7 g)

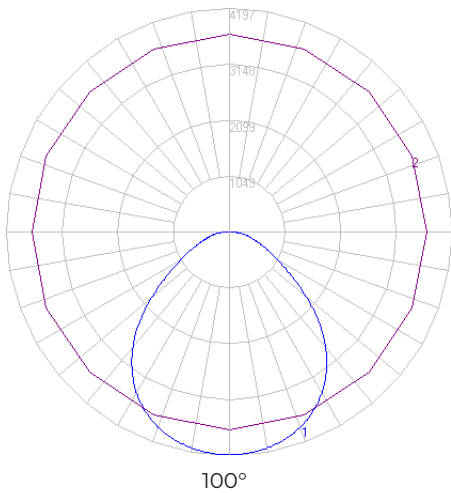
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PERFORMANCE

Model	CRI	Nominal Wattage	3000K		3500K		4000K		5000K	
			Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
C3014D-0222-XX8H-000	80	14	2,053	140	2,111	144	2,168	149	2,152	147
C3018D-0222-XX8H-000	80	18	2,640	141	2,714	146	2,787	150	2,767	149
C3018D-0222-XX8H-XXF	80	18	2,360	126	2,426	130	2,492	134	2,474	133
C3018D-2024-XX8H-000	80	18	2,995	155	3,079	160	3,079	167	3,042	167
C3029D-0222-XX8H-000	80	29	4,055	134	4,169	139	4,282	143	4,251	142
C3029D-0222-XX8H-00F	80	29	3,626	120	3,727	124	3,828	128	3,801	127
C3031D-2024-XX8H-000	80	31	4,602	148	4,730	153	4,859	158	4,934	159
C3031D-2024-XX8H-00F	80	31	4,120	132	4,236	137	4,351	141	4,418	142
C3049D-2024-XX8H-000	80	49	7,274	148	7,477	153	7,680	158	7,799	159
C3049D-2024-XX8H-00F	80	49	6,513	132	6,695	137	6,877	141	6,984	142
C3064D-4024-XX8H-000	80	64	9,746	151	10,018	156	10,290	160	10,470	163
C3064D-4024-XX8H-00F	80	64	8,698	135	8,941	140	9,184	143	9,344	146

PHOTOMETRICS



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CUSTOM CONFIGURATIONS AVAILABLE

Model	Nominal Wattage	# of 2ft LED Strips	# of 4ft LED Strips	Lumens (Strip)		Lumens (Luminaire)	
				Total Lumens*	lm/W	Total Lumens*	lm/W
C3012D	12	1		2,100	175.0	1,740	145.0
		2	1	2,200	183.3	1,830	152.5
		3		2,225	185.4	1,850	154.2
		4	2	2,250	187.5	1,860	155.0
C3014D	14	1		2,450	175.0	2,030	145.0
		2	1	2,575	183.9	2,130	152.1
		3		2,600	185.7	2,160	154.3
		4	2	2,625	187.5	2,170	155.0
C3016D	16	2	1	2,950	184.4	2,450	153.1
		3		2,975	185.9	2,470	154.4
		4	2	3,000	187.5	2,485	155.3
C3018D	18	2	1	3,300	183.3	2,740	152.2
		3		3,400	188.9	2,820	156.7
		4	2	3,400	188.9	2,820	156.7
C3019D	19	2	1	3,450	181.6	2,890	152.1
		3		3,550	186.8	2,980	156.8
		4	2	3,550	186.8	2,980	156.8
C3022D	22	2	1	3,950	179.5	3,300	150
		3		4,050	184.1	3,400	154.5
		4	2	4,050	184.1	3,400	154.5
C3024D	24	2	1	4,300	179.2	3,600	150.0
		3		4,400	183.3	3,690	153.8
		4	2	4,400	183.3	3,690	153.8
C3027D	27	2	1	4,750	175.9	3,990	147.8
		3		4,850	179.6	4,070	150.7
		4	2	4,850	179.6	4,070	150.7
		6	3	4,900	181.5	4,110	152.2
		8	4	4,950	183.3	4,150	153.7

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CUSTOM CONFIGURATIONS AVAILABLE (CONT'D)

Model	Nominal Wattage	# of 2ft LED Strips	# of 4ft LED Strips	Lumens (Strip)		Lumens (Luminaire)	
				Total Lumens*	lm/W	Total Lumens*	lm/W
C3029D	29	2	1	5,050	174.1	4,240	146.2
		3		5,250	181.0	4,460	153.8
		4	2	5,250	181.0	4,460	153.8
		6	3	5,350	184.5	4,540	156.6
		8	4	5,400	186.2	4,590	158.3
C3031D	31	3		5,680	183.2	4,820	155.5
		4	2	5,730	184.8	4,865	156.9
		6	3	5,750	184.8	4,865	156.9
		8	4	5,800	185.5	4,925	158.9
C3034D	34	3		6,200	182.4	5,260	154.7
		4	2	6,250	183.8	5,300	155.9
		6	3	6,300	185.3	5,350	157.4
		8	4	6,350	186.8	5,390	158.5
C3039D	39	3		7,050	180.8	5,985	153.5
		4	2	7,100	182.1	6,175	158.3
		6	3	7,150	183.3	6,210	159.2
		8	4	7,200	184.6	6,260	160.5
C3045D	45	4	2	8,100	180.0	7,040	156.4
		6	3	8,200	182.2	7,130	158.4
		8	4	8,300	184.4	7,215	160.3
C3049D	49	4	2	8,700	177.6	7,570	154.5
		6	3	9,000	183.7	7,830	159.8
		8	4	9,100	185.7	7,905	161.3
C3055D	55	4	2	9,700	176.4	8,415	153.0
		6	3	10,000	181.8	8,700	158.2
		8	4	10,200	185.5	8,875	161.4

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CUSTOM CONFIGURATIONS AVAILABLE (CONT'D)

Model	Nominal Wattage	# of 2ft LED Strips	# of 4ft LED Strips	Lumens (Strip)		Lumens (Luminaire)	
				Total Lumens*	lm/W	Total Lumens*	lm/W
C3058D	58	6	3	10,250	176.7	8,915	153.7
		8	4	10,400	179.3	9,050	156.0
C3064D	64	6	3	11,500	179.7	10,010	156.4
		8	4	11,850	185.2	10,350	161.7

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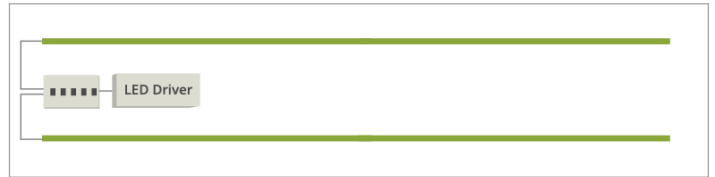
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MOUNTING

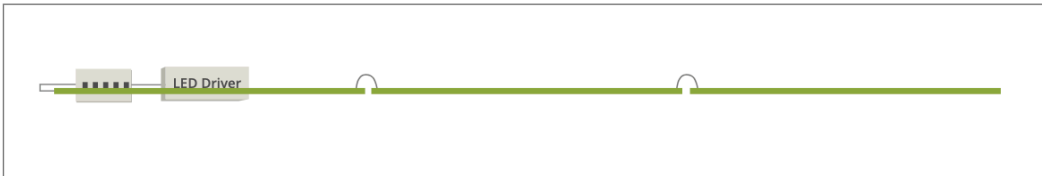
1x4 1 Lamp



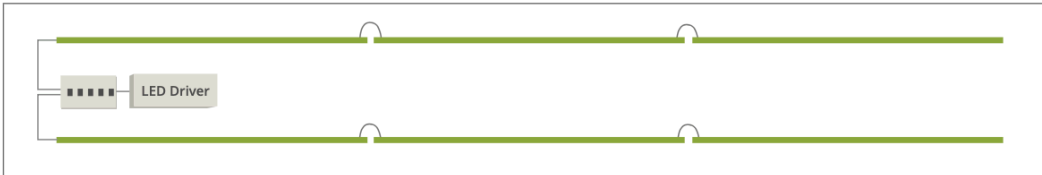
1x4 2 Lamp



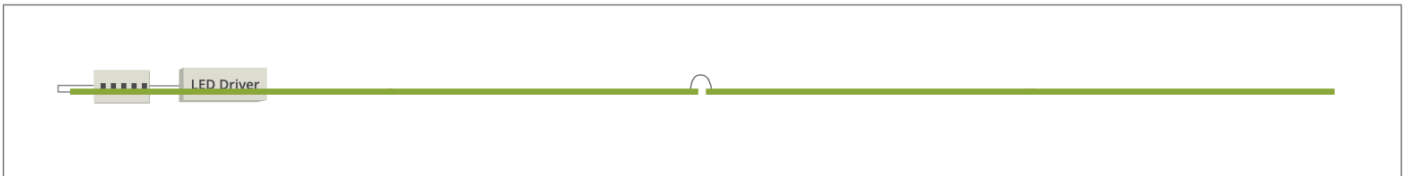
1x6 1 Lamp



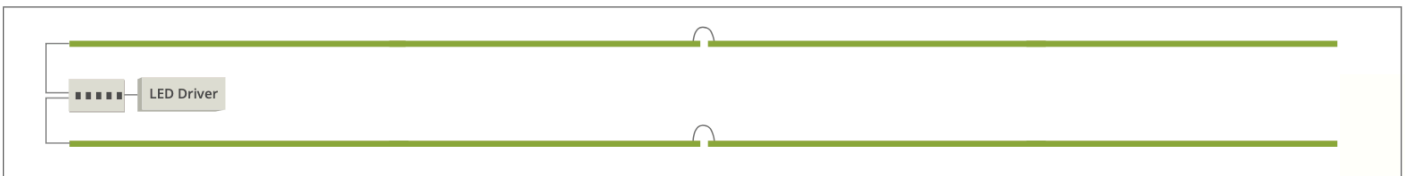
1x6 2 Lamp



1x8 1 Lamp



2x8 2 Lamp

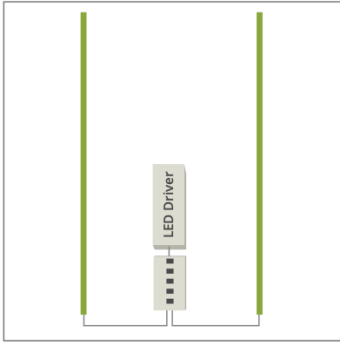


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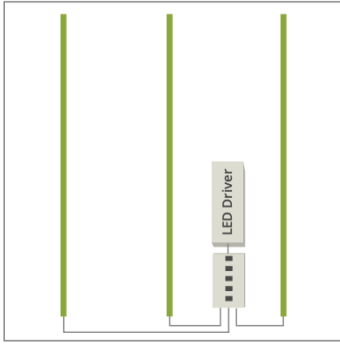
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MOUNTING

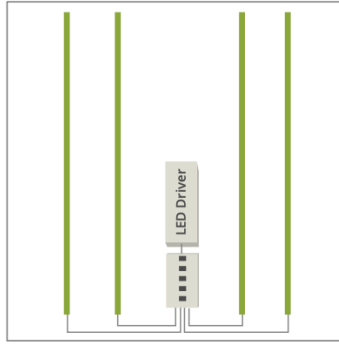
2x2 2 Lamp



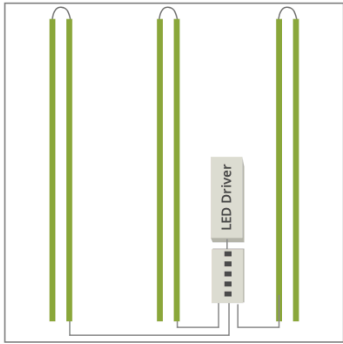
2x2 3 Lamp



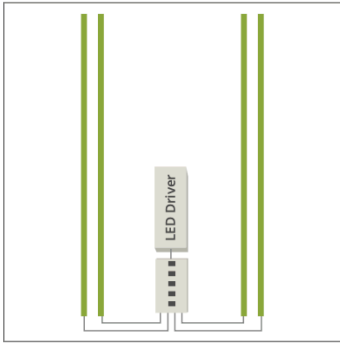
2x2 2 U-BEND



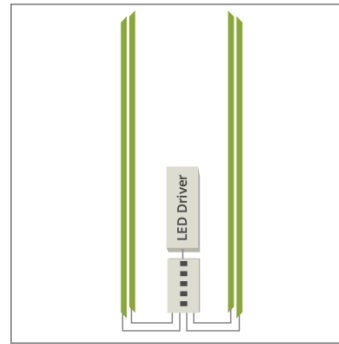
2x2 Triple Biax



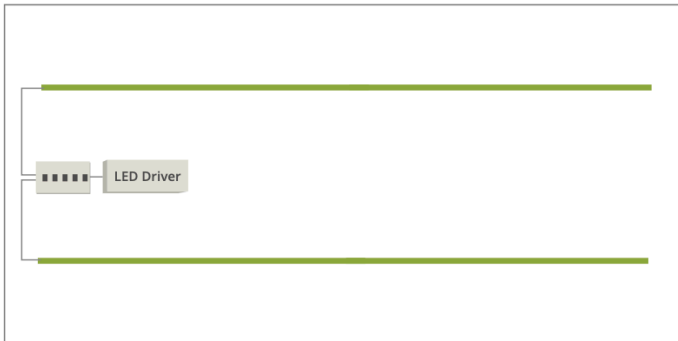
2x2 Double Biax



2x2 Direct/Indirect Troffer



2x4 2 Lamp



2x4 4 Lamp

