



T8 TYPE C : TUBE AND DRIVER

DESCRIPTION

LED T8 Type C Linear Tubes are an optimal choice when upgrading existing fluorescent tubes to LED. Type C tubes use an external driver to operate the lamp rather than an external ballast, eliminating ballast compatibility issues and ensuring optimal system efficacy and performance.

FEATURES

- Fits into existing linear fluorescent fixtures
- External driver directly replaces fluorescent ballast
- PET coated to protect against shattering
- 0-10V dimming
- Fixture maintains original UL compliance

CERTIFICATIONS

- DesignLights Consortium® Premium Qualified - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance
- UL Classified for dry or damp locations

WARRANTY

- 5 year limited warranty. Additional warranty options available. Contact EiKO for details

APPLICATIONS

- Commercial
- Conference rooms
- Hospitality
- Education
- Healthcare
- Retail
- Residential

project name	type
catalog number	voltage
approved by	date



PERFORMANCE	Power Consumption	9W	11.5W	16W
	Lumens	1,700	1,800	2,400
	Efficacy (LPW)	189	157 lpw	150 lpw
	CRI	>80		
	Beam	240°		
	CCT	3000K, 4000K, 5000		
	Life (L70)	50,000 hours		
ELECTRICAL	Power Factor	≥0.92		
	Input Voltage	120-277V		
	Driver Voltage	120-277V		
CONSTRUCTION	Operating Temperature	-4°F to 113°F (-20°C to 45°C)		
	Tube	T8		
	Lens	Frosted glass with PET coating		
	Material	Glass		
	Base	G13		
LISTINGS	Certification(s)	DesignLights Consortium® Qualified; ETL Sanitation Listed; cULus Classified; FCC		
	Material Usage	RoHS Compliant; no mercury		
	Environment	Suitable for dry or damp locations; Suitable for use in enclosed fixtures		

PERFORMANCE SUMMARY

LED8WT8/24/8xx-PET-G8C

System Wattage per Lamp

Order Code	Item #	CCT	CRI	Bare Lamp Wattage	Lumens	PML-4x9T8-U		PML-2x9T8-U		4 Lamp Nom. Efficiency	2 Lamp Nom. Efficiency	DLC
						4 Lamps	3 Lamps	2 Lamps	1 Lamp			
10486	LED8WT8/24/835-PET-G8C	3500K	82	8W	1130	8.9	9	9.1	9.2	127.0	124.2	✓
10487	LED8WT8/24/840-PET-G8C	4000K	82	8W	1160	8.9	9	9.1	9.2	130.3	127.5	✓
10488	LED8WT8/24/850-PET-G8C	5000K	82	8W	1200	8.9	9	9.1	9.2	134.8	131.9	✓

LED9WT8/48/8xx-PET-G8C

System Wattage per Lamp

Order Code	Item #	CCT	CRI	Bare Lamp Wattage	Lumens	PML-4x9T8-U		PML-2x9T8-U		4 Lamp Nom. Efficiency	2 Lamp Nom. Efficiency	DLC
						4 Lamps	3 Lamps	2 Lamps	1 Lamp			
12466	LED9WT8/48/835-PET-G8C	3500K	80	9W	1700	-	-	-	-	-	-	✓
12467	LED9WT8/48/840-PET-G8C	4000K	80	9W	1700	-	-	-	-	-	-	✓
12468	LED9WT8/48/850-PET-G8C	5000K	80	9W	1700	-	-	-	-	-	-	✓

LED11.5WT8/48/8xx-PET-G8C

System Wattage per Lamp

Order Code	Item #	CCT	CRI	Bare Lamp Wattage	Lumens	PML-4x13T8-U		PML-2x13T8-U		4 Lamp Nom. Efficiency	2 Lamp Nom. Efficiency	DLC
						4 Lamps	3 Lamps	2 Lamps	1 Lamp			
10443	LED11.5WT8/48/835-PET-G8C	3500K	82	11.5W	1700	13.3	13.5	13.6	13.8	127.8	125.0	✓
10444	LED11.5WT8/48/840-PET-G8C	4000K	82	11.5W	1750	13.3	13.5	13.6	13.8	131.6	128.7	✓
10445	LED11.5WT8/48/850-PET-G8C	5000K	82	11.5W	1800	13.3	13.5	13.6	13.8	135.3	132.4	✓

LED16WT8/48/8xx-PET-G8C

System Wattage per Lamp

Order Code	Item #	CCT	CRI	Bare Lamp Wattage	Lumens	PML-4x18T8-U		PML-2x18T8-U		4 Lamp Nom. Efficiency	2 Lamp Nom. Efficiency	DLC
						4 Lamps	3 Lamps	2 Lamps	1 Lamp			
10446	LED16WT8/48/835-PET-G8C	3500K	82	16W	2225	18.2	18.5	18.7	18.9	122.3	119.0	✓
10447	LED16WT8/48/840-PET-G8C	4000K	82	16W	2250	18.2	18.5	18.7	18.9	123.6	120.3	✓
10448	LED16WT8/48/850-PET-G8C	5000K	82	16W	2300	18.2	18.5	18.7	18.9	126.4	123.0	✓

T8 DRIVERS

Order Code	Item #	Input Voltage	Dimming	Description	Dimensions	Output Current
10492	PML-2X9T8-U	120-277V	0-10V dimming	LED driver for (1-2) 2FT Type C Tube	1.1"x1.3"x9.5"	185mA*2
10493	PML-4X9T8-U	120-277V	0-10V dimming	LED driver for (3-4) 2FT Type C Tube	1.3"x1.8"x9.5"	185mA*4
10455	PML-2X13T8-U	120-277V	0-10V dimming	LED driver for (1-2) 4FT Type C Tube	1.1"x1.3"x9.5"	270mA*2
10456	PML-4X13T8-U	120-277V	0-10V dimming	LED driver for (3-4) 4FT Type C Tube	1.3"x1.8"x9.5"	270mA*4
10457	PML-2X18T8-U	120-277V	0-10V dimming	LED driver for (1-2) 4FT Type C Tube	1.1"x1.3"x9.5"	370mA*2
10458	PML-4X18T8-U	120-277V	0-10V dimming	LED driver for (3-4) 4FT Type C Tube	1.3"x1.8"x9.5"	370mA*4
12469	PML-2X10.5WT8-U	120-277V	0-10V dimming	LED driver for (1-2) 2FT Type C Tube	1.1"x1.3"x9.5"	210mA*2
12470	PML-4X10.5WT8-U	120-277V	0-10V dimming	LED driver for (3-4) 4FT Type C Tube	1.3"x1.8"x9.5"	210mA*4

COMPATIBLE EMERGENCY BATTERIES

Order Code	Item #	Input Voltage	Frequency Range	Output Power	Emergency Time	Recharge Time
10918	EEBN08WUA050	120-277V	50-60Hz	8W	≥90 mins	24 Hrs
11674	EEB08WHA170S	120-347V	-	8W	-	-
11675	EEB18WHA170S	120-347V	-	18W	-	-
10896	EEBN15WUA050	120-277V	50-60Hz	15W	≥90 mins	24 Hrs
10919	EEBE15WUA050S	120-277V	50-60Hz	15W	≥90 mins	24 Hrs
11103	EEBE15WHA050S	120-277V	50-60Hz	15W	≥90 mins	24 Hrs
10897	EEBN20WUA050	120-277V	50-60Hz	20W	≥90 mins	24 Hrs

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Check EM spec and installation manual for additional information