



# LED Lamps - Tubes



## Type C LED Tubes

Current's Type C LED Tubes and Drivers are the preferred LED Tube choice for applications that demand dimming, controllability and flexibility. Type C LED Tubes operate from the low voltage DC output of the drivers. With LumenChoice® Type C LED Tubes and Drivers, fewer SKUs can be used to address the needs of an entire facility.

### PERFORMANCE HIGHLIGHTS:

Type C LED Tubes	
<b>Light Output:</b>	950 - 4,400 Lumens
<b>CRI:</b>	80
<b>CCT:</b>	3000K, 3500K, 4000K, 5000K
<b>Wattage:</b>	8-36W
<b>Life:</b>	50,000 - 70,000 hours
<b>Temperature Rating:</b>	-20° to 45° C
<b>Rating:</b>	Damp
<b>Fixtures:</b>	Open or Enclosed
<b>Dimming:</b>	0-10V with dimming driver

### LIMITED WARRANTY

7 years for 70,000 hours  
5 years for 50,000 hours

### FEATURES:

#### Robust and Flexible System:

- Dedicated external LED drivers deliver low voltage Class 2 output from drivers to Type C LED Tubes
- Field-tunable driver output settings
- 0-10V dimming, readily integrated with controls
- Same lamps may be used on different drivers
- T8 & T5 lamps in a variety of lengths and light outputs
- 2.3X longer life than LFL (70,000 vs. 30,000 hours)

### BENEFITS:

- Low voltage DC to lampholders
- 0-10V dimming on drivers allows control of many fixtures with few control devices
- LumenChoice® drivers are field-tunable, allowing light levels to be optimized in each space & enabling more energy savings
- LumenChoice® tubes may be used on various drivers, reducing SKU count and simplifying BOMs

### LEARN MORE:

To learn more about saving money and energy, go to [www.LED.com](http://www.LED.com).



Not all product variations listed on the page are DLC qualified. To ensure that a specific model is qualified, visit [www.designlights.org/search](http://www.designlights.org/search).



## Type C Tubes

CUSTOMER NAME \_\_\_\_\_  
 PROJECT NAME \_\_\_\_\_  
 DATE \_\_\_\_\_ NOTES \_\_\_\_\_

### Remote Drivers for Type C LED Tubes

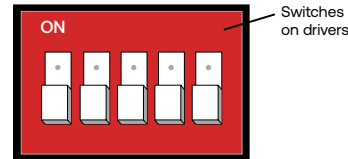
Input Watts (Max.)	Order Code	Description	Input Voltage	Carton Qty <sup>2</sup>	Length (in)	Width (in)	Height (in)	Freq. (Hz)	Power Factor	Output Voltage	Max. Output Current (A)	Min. Temp. <sup>1</sup>	Max Temp.	0-10V Dimmable	Default Wattage per Tube Setting	Additional Information
<b>LumenChoice® Remote Drivers - Selectable Output for Type C LED Tubes</b>																
33	21378	LED/DR/D2L/LW	120-277 VAC	10	9.5	1.3	1.2	60	>0.9	26-34 VDC	0.48x2	-4° F	104° F	Yes	12W	Max. 2 Tubes: Class 2 Output
66	21379	LED/DR/D4L/LW	120-277 VAC	10	9.5	1.7	1.2	60	>0.9	26-34 VDC	0.48x4	-4° F	104° F	Yes	12W	Max. 4 Tubes: Class 2 Output
50	21383	LED/DR/D2L/HW	120-277 VAC	10	9.5	1.3	1.2	60	>0.9	26-34 VDC	0.72x2	-4° F	104° F	Yes	21W	Max. 2 Tubes: Class 2 Output
84	21392	LED/DR/D4L/HW	120-277 VAC	10	9.5	1.7	1.2	60	>0.9	26-34 VDC	0.62x4	-4° F	104° F	Yes	21W	Max. 4 Tubes: Class 2 Output
<b>Fixed Wattage Remote Drivers for Type C LED Tubes</b>																
72	63126	LED36T8/DR/D2L	120-277 VAC	10	9.5	1.7	1.2	60	>0.9	26-34 VDC	1.06x2	-4° F	104° F	Yes	36W <sup>^</sup>	Max. 2 Tubes: Class 2 Output
100	93136147	LED25T/DR/D4L	120-277 VAC	10	16.7	1.7	1.2	60	>0.9	26-34 VDC	0.72x4	-4° F	104° F	Yes	25W <sup>^</sup>	Max. 2 Tubes: LED Class 2 Output

### Programming LumenChoice™ Drivers

Before installation, LumenChoice™ Drivers must be set to the desired output. Lumen levels corresponding to the driver settings below are noted in the specification tables. Adjust the switches on the side of the driver to achieve the desired performance according to the table below.

LOW WATTAGE DRIVER DESCRIPTION		DRIVER PRODUCT CODE				
LED/DR/D2L/LW		21378				
SYSTEM WATTS PER LAMP	SWITCH CODE					
	1	2	3	4	5	
16.5						
15						
12						
9						
8						

LOW WATTAGE DRIVER DESCRIPTION		DRIVER PRODUCT CODE				
LED/DR/D4L/LW		21379				
SYSTEM WATTS PER LAMP	SWITCH CODE					
	1	2	3	4	5	
16.5						
15						
12						
9						
8						



HIGH WATTAGE DRIVER DESCRIPTION		DRIVER PRODUCT CODE				
LED/DR/D2L/HW		21383				
SYSTEM WATTS PER LAMP	SWITCH CODE					
	1	2	3	4	5	
25						
23						
21						
19.5						
18						

HIGH WATTAGE DRIVER DESCRIPTION		DRIVER PRODUCT CODE			NOTE: THREE SWITCHES ON LED/DR/D4L/HW
LED/DR/D4L/HW		21392			
SYSTEM WATTS PER LAMP	SWITCH CODE				
	1	2	3		
21					
19.5					
18					



# LED Lamps - Tubes

## Type C Tubes

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 DATE \_\_\_\_\_ NOTES \_\_\_\_\_

### LumenChoice® T8 Type C LED Tube and Driver System - T8 on High Wattage Drivers

Bulb Shape	Base Type	Order Code	Description	Carton Qty <sup>2</sup>	MOL (in)	Color Temp. (Initial)	CRI	Rated Life L70 (Hrs) <sup>1</sup>	DLC <sup>3,4</sup>	Location Rating <sup>3</sup>	Initial Lumens at High Wattage Settings:					2-Lamp Driver	4-Lamp Driver* *Max setting is 21W
											18W	19.5W	21W	23W*	25W*		
<b>LumenChoice® 4 ft Glass Tubes</b>																	
T8	G13	34211	LEDT8/LC/G/4/830	20	48	3000K	80	70,000	Yes	Damp	2250	2500	2650	2850	2950	21383 LED/DR/D2L/HW	21392 LED/DR/D4L/HW
	G13	34227	LEDT8/LC/G/4/835	20	48	3500K	80	70,000	Yes	Damp	2300	2550	2700	2900	3000	21383 LED/DR/D2L/HW	21392 LED/DR/D4L/HW
	G13	34235	LEDT8/LC/G/4/840	20	48	4000K	80	70,000	Yes	Damp	2300	2550	2700	2900	3000	21383 LED/DR/D2L/HW	21392 LED/DR/D4L/HW
	G13	34239	LEDT8/LC/G/4/850	20	48	5000K	80	70,000	Yes	Damp	2300	2550	2700	2900	3000	21383 LED/DR/D2L/HW	21392 LED/DR/D4L/HW

### LumenChoice® T8 Type C LED Tube and Driver System - T8 on Low Wattage Drivers

Bulb Shape	Base Type	Order Code	Description	Carton Qty <sup>2</sup>	MOL (in)	Color Temp. (Initial)	CRI	Rated Life L70 (Hrs) <sup>1</sup>	DLC <sup>3,4</sup>	Location Rating <sup>3</sup>	Initial Lumens at Low Wattage Settings:					2-Lamp Driver	4-Lamp Driver
											8W	9W	12W	15W	16.5W		
<b>LumenChoice® 4 ft Glass Tubes</b>																	
T8	G13	34211	LEDT8/LC/G/4/830	20	48	3000K	80	70,000	Yes	Damp	1050	1150	1550	1900	2000	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G13	34227	LEDT8/LC/G/4/835	20	48	3500K	80	70,000	Yes	Damp	1050	1200	1600	1950	2050	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G13	34235	LEDT8/LC/G/4/840	20	48	4000K	80	70,000	Yes	Damp	1050	1200	1600	1950	2050	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G13	34239	LEDT8/LC/G/4/850	20	48	5000K	80	70,000	Yes	Damp	1050	1200	1600	1950	2050	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
<b>LumenChoice® 3 ft Glass Tubes</b>																	
T8	G13	36394	LEDT8/LC/G/3/830	20	36	3000K	80	70,000	Yes	Damp	1050	1150	1550	1900	2050	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G13	36395	LEDT8/LC/G/3/835	20	36	3500K	80	70,000	Yes	Damp	1050	1200	1600	1950	2100	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G13	36398	LEDT8/LC/G/3/840	20	36	4000K	80	70,000	Yes	Damp	1050	1200	1600	1950	2100	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G13	36401	LEDT8/LC/G/3/850	20	36	5000K	80	70,000	Yes	Damp	1050	1200	1600	1950	2100	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
<b>LumenChoice® 2 ft Glass Tubes</b>																	
T8	G13	36406	LEDT8/LC/G/2/830	20	24	3000K	80	70,000	-	Damp	1000	1100	1450			21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G13	36408	LEDT8/LC/G/2/835	20	24	3500K	80	70,000	Yes	Damp	1050	1200	1550			21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G13	36409	LEDT8/LC/G/2/840	20	24	4000K	80	70,000	Yes	Damp	1050	1200	1550			21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G13	36413	LEDT8/LC/G/2/850	20	24	5000K	80	70,000	Yes	Damp	1050	1200	1550			21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
<b>LumenChoice® U1 Glass Tubes - 1-5/8" leg spacing</b>																	
T8-U1	2G13	28084	LED14T8/U/835	15	22.5	3500K	80	50,000	-	Damp	950	1100	1550			21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	2G13	28164	LED14T8/U/840	15	22.5	4000K	80	50,000	-	Damp	950	1100	1550			21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
<b>LumenChoice® U6 Glass Tubes - 6" leg spacing</b>																	
T8-U6	2G13	43131	LED15T8/G/U6/830	12	22.5	3000K	80	50,000	-	Damp	950	1050	1450	1700		21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	2G13	43135	LED15T8/G/U6/835	12	22.5	3500K	80	50,000	-	Damp	1000	1100	1550	1800		21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	2G13	43143	LED15T8/G/U6/840	12	22.5	4000K	80	50,000	-	Damp	1000	1100	1550	1800		21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	2G13	43145	LED15T8/G/U6/850	12	22.5	5000K	80	50,000	-	Damp	1000	1100	1550	1800		21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW

### 8ft T8 Type C LED Tube and Driver System - T8 on 36W Driver

Bulb Shape	Base Type	Order Code	Description	Carton Qty <sup>2</sup>	MOL (in)	Color Temp. (Initial)	CRI	Rated Life L70 (Hrs) <sup>1</sup>	DLC <sup>3,4</sup>	Location Rating <sup>3</sup>	Input Watts per Lamp	Lumens (Initial)	2-Lamp Driver
T8	Fa8	62326	LED36T8/G/8/830	20	96	3000K	80	50,000	Yes	Damp	36	4200	63126 LED36T8/DR/D2L
	Fa8	62327	LED36T8/G/8/835	20	96	3500K	80	50,000	Yes	Damp	36	4400	63126 LED36T8/DR/D2L
	Fa8	62329	LED36T8/G/8/840	20	96	4000K	80	50,000	Yes	Damp	36	4400	63126 LED36T8/DR/D2L
	Fa8	62349	LED36T8/G/8/850	20	96	5000K	80	50,000	Yes	Damp	36	4400	63126 LED36T8/DR/D2L

<sup>1</sup> The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen output (L70)

<sup>2</sup> Minimum order quantity = Carton Qty

<sup>3</sup> UL 1993 Environmental Requirements for LED LAMPS

Damp Location - Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, including partially protected locations

<sup>4</sup> Not all product variations on this page are DLC qualified. Visit [qpl.designlights.org/solid-state-lighting](http://qpl.designlights.org/solid-state-lighting) to confirm qualification.



## Type C Tubes

CUSTOMER NAME \_\_\_\_\_  
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 DATE \_\_\_\_\_ NOTES \_\_\_\_\_

### LumenChoice® T5 Type C LED Tube and Driver System - T5 on High Wattage Drivers

Bulb Shape	Base Type	Order Code	Description	Carton Qty <sup>2</sup>	MOL (in)	Color Temp. (Initial)	CRI	Rated Life L70 (Hrs) <sup>1</sup>	DLC <sup>94</sup>	Location Rating <sup>3</sup>	Initial Lumens at High Wattage Settings:					2-Lamp Driver	4-Lamp Driver* *Max setting is 21W
											18W	19.5W	21W	23W*	25W*		
<b>LumenChoice® 4 ft T5 Glass Tubes</b>																	
T5	G5	38926	LEDT5/LC/G/4/830	20	46	3000K	80	50,000	-	Damp	2350	2500	2650	2850	3050	21383 LED/DR/D2L/HW	21392 LED/DR/D4L/HW
	G5	38934	LEDT5/LC/G/4/835	20	46	3500K	80	50,000	-	Damp	2400	2550	2750	2950	3150	21383 LED/DR/D2L/HW	21392 LED/DR/D4L/HW
	G5	38940	LEDT5/LC/G/4/840	20	46	4000K	80	50,000	-	Damp	2450	2600	2850	3050	3250	21383 LED/DR/D2L/HW	21392 LED/DR/D4L/HW
	G5	38946	LEDT5/LC/G/4/850	20	46	5000K	80	50,000	-	Damp	2450	2600	2850	3050	3250	21383 LED/DR/D2L/HW	21392 LED/DR/D4L/HW
<b>LumenChoice® 3 ft T5 Glass Tubes</b>																	
T5	G5	38947	LEDT5/LC/G/3/830	20	34	3000K	80	50,000	-	Damp	2300	2450	2600	2800	3000	21383 LED/DR/D2L/HW	21392 LED/DR/D4L/HW
	G5	38948	LEDT5/LC/G/3/835	20	34	3500K	80	50,000	-	Damp	2350	2500	2700	2900	3100	21383 LED/DR/D2L/HW	21392 LED/DR/D4L/HW
	G5	38949	LEDT5/LC/G/3/840	20	34	4000K	80	50,000	-	Damp	2400	2550	2800	3000	3200	21383 LED/DR/D2L/HW	21392 LED/DR/D4L/HW
	G5	38955	LEDT5/LC/G/3/850	20	34	5000K	80	50,000	-	Damp	2400	2550	2800	3000	3200	21383 LED/DR/D2L/HW	21392 LED/DR/D4L/HW

### LumenChoice® T5 Type C LED Tube and Driver System - T5 on Low Wattage Drivers

Bulb Shape	Base Type	Order Code	Description	Carton Qty <sup>2</sup>	MOL (in)	Color Temp. (Initial)	CRI	Rated Life L70 (Hrs) <sup>1</sup>	DLC <sup>94</sup>	Location Rating <sup>3</sup>	Initial Lumens at Low Wattage Settings:					2-Lamp Driver	4-Lamp Driver
											8W	9W	12W	15W	16.5W		
<b>LumenChoice® 4 ft T5 HE Glass Tubes</b>																	
T5	G5	38993	LEDT5LC/G4/830HE	20	46	3000K	80	70,000	-	Damp	1100	1200	1600	1900	2100	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G5	38995	LEDT5LC/G4/835HE	20	46	3500K	80	70,000	-	Damp	1150	1250	1650	1950	2150	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G5	38998	LEDT5LC/G4/840HE	20	46	4000K	80	70,000	-	Damp	1200	1300	1700	2000	2200	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G5	38999	LEDT5LC/G4/850HE	20	46	5000K	80	70,000	-	Damp	1200	1300	1700	2000	2200	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
<b>LumenChoice® 3 ft T5 HE Glass Tubes</b>																	
T5	G5	39000	LEDT5LC/G3/830HE	20	34	3000K	80	70,000	-	Damp	1100	1200	1550	1900	2100	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G5	39001	LEDT5LC/G3/835HE	20	34	3500K	80	70,000	-	Damp	1150	1250	1600	1950	2150	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G5	39002	LEDT5LC/G3/840HE	20	34	4000K	80	70,000	-	Damp	1200	1300	1650	2000	2200	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G5	39003	LEDT5LC/G3/850HE	20	34	5000K	80	70,000	-	Damp	1200	1300	1650	2000	2200	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
<b>LumenChoice® 2 ft T5 Glass Tubes</b>																	
T5	G5	38968	LEDT5/LC/G/2/830	20	22	3000K	80	70,000	-	Damp	1000	1200	1550	1800	2000	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G5	38980	LEDT5/LC/G/2/835	20	22	3500K	80	70,000	-	Damp	1050	1200	1600	1850	2050	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G5	38983	LEDT5/LC/G/2/840	20	22	4000K	80	70,000	-	Damp	1100	1250	1650	1900	2100	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW
	G5	38992	LEDT5/LC/G/2/850	20	22	5000K	80	70,000	-	Damp	1100	1250	1650	1900	2100	21378 LED/DR/D2L/LW	21379 LED/DR/D4L/LW

### 4ft T5 Type C LED Tube and Driver System - T5 on 25W Driver

Bulb Shape	Base Type	Order Code	Description	Carton Qty <sup>2</sup>	MOL (in)	Color Temp. (Initial)	CRI	Rated Life L70 (Hrs) <sup>1</sup>	DLC <sup>94</sup>	Location Rating <sup>3</sup>	Input Watts per Lamp	Lumens (Initial)	4-Lamp Driver
T5	G5	38926	LEDT5/LC/G/4/830	20	46	3000K	80	50,000	Yes	Damp	25	3050	93136147 LED25T/DR/D4L
	G5	38934	LEDT5/LC/G/4/835	20	46	3500K	80	50,000	Yes	Damp	25	3150	93136147 LED25T/DR/D4L
	G5	38940	LEDT5/LC/G/4/840	20	46	4000K	80	50,000	Yes	Damp	25	3250	93136147 LED25T/DR/D4L
	G5	38946	LEDT5/LC/G/4/850	20	46	5000K	80	50,000	Yes	Damp	25	3250	93136147 LED25T/DR/D4L

### 4ft T5 Type C LED Tube and Driver System - T5 on 36W Driver

Bulb Shape	Base Type	Order Code	Description	Carton Qty <sup>2</sup>	MOL (in)	Color Temp. (Initial)	CRI	Rated Life L70 (Hrs) <sup>1</sup>	DLC <sup>94</sup>	Location Rating <sup>3</sup>	Input Watts per Lamp	Lumens (Initial)	4-Lamp Driver
T5	G5	38926	LEDT5/LC/G/4/830	20	46	3000K	80	50,000	-	Damp	36	4300	63126 LED36T8/DR/D2L
	G5	38934	LEDT5/LC/G/4/835	20	46	3500K	80	50,000	-	Damp	36	4350	63126 LED36T8/DR/D2L
	G5	38940	LEDT5/LC/G/4/840	20	46	4000K	80	50,000	-	Damp	36	4400	63126 LED36T8/DR/D2L
	G5	38946	LEDT5/LC/G/4/850	20	46	5000K	80	50,000	-	Damp	36	4400	63126 LED36T8/DR/D2L

<sup>1</sup> The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen output (L70)

<sup>2</sup> Minimum order quantity = Carton Qty

<sup>3</sup> UL 1993 Environmental Requirements for LED LAMPS

Damp Location - Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, including partially protected locations

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