



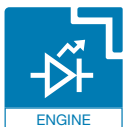
LED TUBES

Quick Solutions

Industry-Leading Reliability

universaldouglas® LED Tubes are the quickest solution when it comes to lighting upgrading, making it easy to replace traditional lighting and fluorescent lamps. There are many different options from standard replacement T8T5HO Tubes to Direct Wire Tubes, Sign Tubes, and even Tube and Driver Kits which help with prescriptive rebates from utility programs.

Three different types of LED linear tubes options have been designated and differentiated by how they interact with ballasts that operates the existing lamps.



Applications

- Office
- Education
- Healthcare
- Industrial/Warehouse
- Retail
- Signage
- Parking
- Commercial

For a list of DesignLights Consortium® QPL listed products please visit www.designlights.org



Lighting Controls Solutions

universaldouglas® offers a standalone wireless system capable of controlling lights in a wide variety of applications, including products such as wireless fixture controllers, wall switches and occupancy/daylight sensors all using The Bluetooth® wireless technology.

The system includes every Bluetooth® enabled device as its own wireless node for sending, receiving and sharing control commands through a wireless mesh network, making it easy to pass information from one device to another and expanding the reach but also capable of personalize some specific devices if needed.



Simplicity

- Reliability, redundancy and easy expandability
- Increased energy & labor savings
- No network bridges or onsite internet required
- Long term reliability and performance
- Simplified commissioning
- Project flexibility

Great Solutions with Simple Installation



1. Install the fixtures with their compatible controller/sensor and battery.
2. Install the app on your iOS device and set up the lighting control devices.
3. Start reconfiguring and customize the lighting control devices.

Ask for a Demo at marketing@universaldouglas.com or visit www.universaldouglas.com

LED T5HO Tubes

	AC Direct T5HO	Replacement Tubes
		
Voltage	120-277	120-277 & 347
Lumens	Up to 3500	Up to 3400
LPW	129	133.3
Lamp Type/LED Linear Tube Option	Linear T5 / Type B	Linear T5HO / Type A
Lengths	48"	48"
Temperature Rate	45°C (113°F)	45°C (113°F)
Base	Bi-Pin (G5)	Bi-Pin (G5)
CCT	4000K, 5000K	4000K, 5000K
DLC	Standard	Standard
Applications	Office, Retail, Industrial, Healthcare, Education	Office, Retail, Industrial, Healthcare, Education


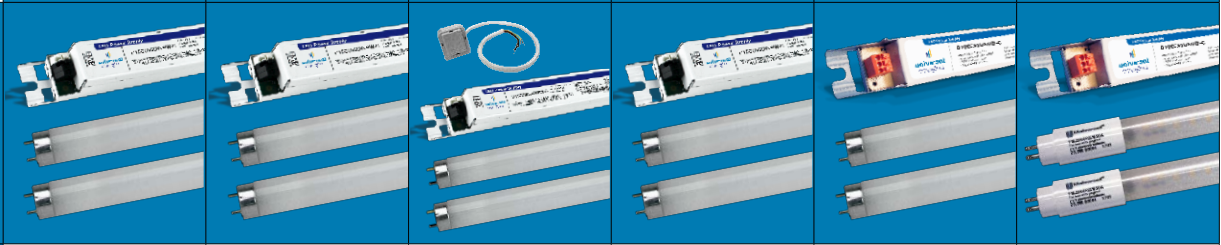
LED T8 Tubes

	AC Direct T8	AC Direct T8-Coated	347V Type B	Low Flicker Type B	T8 U-Bend
					
Voltage	120-277	120-277	347	120-277	120-278
Lumens	Up to 3000	Up to 2600	Up to 2200	Up to 1800	Up to 3000
LPW	Up to 157	Up to 141	Up to 129	Up to 129	Up to 157
Lamp Type/ LED Linear Tube Option	Linear T8 / Type B	Linear T8 / Type B	Linear T8 / Type B	Linear T8 / Type B	Linear T8 / Type B
Lengths	23.8", 35.8", 47.8"	23.5", 47.8"	47.8"	47.8"	23.8", 35.8", 47.8"
Temperature Rate	45°C (113°F)	45°C (113°F)	45°C (113°F)	45°C (113°F)	45°C (113°F)
Base	Medium Bi-Pin (G13)	Medium Bi-Pin (G13)	Medium Bi-Pin (G13)	Medium Bi-Pin (G13)	Medium Bi-Pin (G13)
CCT	3500K, 4000K, 5000K	4000K, 5000K	3500K, 4000K, 5000K	3500K, 4000K	3500K, 4000K, 5000K
DLC	Standard / Premium	Standard	Standard	Standard	Standard
Applications	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking

LED T8 Replacement Tubes

	Type A Replacement Tubes	Coated T8 Tubes	Type A Replacement Gen-D	LED Type A Replacement Gen-D Coated Tubes	LED T8 U Bends Tubes
					
Voltage	120-277 & 347	120-277 & 347	120-277 & 347	120-277 & 347	120-277 & 347
Lumens	Up to 2200	Up to 2200	Up to 2200	Up to 2200	Up to 2200
LPW	Up to 157	Up to 156	Up to 174	Up to 164	Up to 157
Lamp Type/ LED Linear Tube Option	Linear T8 + U-Bend / Type A	Linear T8 / Type A	Linear T8 + U-Bend / Type A	Linear T8 + U-Bend / Type A	Linear T8 + U-Bend / Type A
Lengths	22.4", 23.8", 35.8", 47.8"	47.8"	22.4", 23.8", 35.8", 47.8"	47.8"	22.4", 23.8", 35.8", 47.8"
Temperature Rate	45°C (113°F)	45°C (113°F)	45°C (113°F)	45°C (113°F)	45°C (113°F)
Base	Medium Bi-Pin (G13)	Medium Bi-Pin (G13)	Medium Bi-Pin (G13)	Medium Bi-Pin (G13)	Medium Bi-Pin (G13)
CCT	3000K, 3500K, 4000K, 5000K	4000K, 5000K	3500K, 4000K, 5000K	4000K, 5000K	3000K, 3500K, 4000K, 5000K
DLC	Standard	Standard	Standard	Standard	Standard
Applications	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking

LED Tube & Driver Kits

	T8 Tube & Driver Kit	T8 Tube & Driver Kit Low Power	T8 Tube & Driver Kit with Bluetooth Control	T8 Tube & Driver Kit Low Power 347V	2' Tube & Driver Kits	LED T5 Tube & Driver Kits
						
Voltage	120-277 & 347	120 - 277	120- 277	347	120- 277	120- 277
Lumens	Up to 8800	Up to 7200	Up to 7200	Up to 7200	Up to 4800	Up to 10000
LPW	Up to 127	Up to 129	Up to 130	Up to 129	Up to 135	Up to 153
Lamp Type/ LED Linear Tube Option	Linear T8 / Type C	Linear T8 / Type C	Linear T8 / Type C	Linear T8 / Type C	Linear T8 / Type C	Linear T5 / Type C
Lengths	47.8"	47.8"	47.8"	47.8"	24"	47.8"
Temperature Rate	40°C (104°F)	40°C (104°F)	40°C (104°F)	40°C (104°F)	40°C (104°F)	40°C (104°F)
Control			BT-LRT-B		BT-LRT	
CCT	3500K, 4000K, 5000K	3500K, 4000K, 5000K	3500K, 4000K, 5000K	3500K, 4000K, 5000K	3500K, 4000K, 5000K	3500K, 4000K, 5000K
DLC	Standard	Standard	Standard	Standard	Standard	Standard
Applications	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking	Education, Office, Commercial. Retail, Industrial, Warehouse, Healthcare, Parking

More LED Tubes

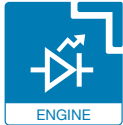
	4-Pin CFL Replacement	Long Twin Direct Wire Tube	Single Sided Sign Stick	Double Sided Sign Stick
				
Voltage	120-277	120-277	12	24
Lumens	Up to 1100	Up to 2800	Up to 3000	Up to 6000
LPW	Up to 122	Up to 129	Up to 154	Up to 154
Lamp Type	CFL	Long Twin Tube (T5)	Sign Stick	Sign Stick
Lengths	4.05", 4.68", 6.06", 6.65"	22.48"	2', 3', 4', 5', 6', 7', 8', 9', 10'	2', 3', 4', 5', 6', 7', 8', 9', 10'
Temp. Rate	45°C (113°F)	45°C (113°F)	50°C (122°F)	50°C (122°F)
Base	G24q	2G11		
CCT	3500K, 4000K	3500K, 4000K	6500K	6500K
DLC	Standard	Standard		
Applications	Office, Education, Healthcare	Education, Office, Commercial, Retail, Industrial, Warehouse, Healthcare, Parking	Outdoor Signage	Outdoor Signage

Industry-Leading Reliability

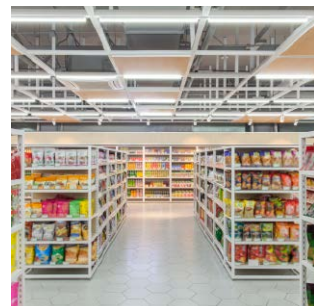
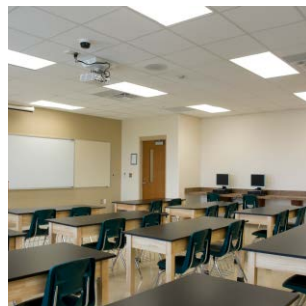
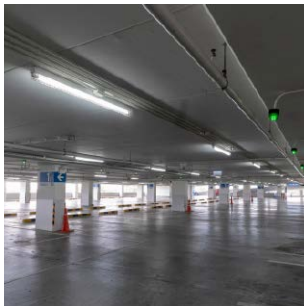
For over 70 years, universaldouglas® has been on the cutting edge of high efficiency lighting design, pushing the industry towards increasingly higher standards of energy efficiency for LED systems, lighting ballasts, and control systems.

“Matched Systems”

universaldouglas® makes it easy to update your linear fluorescent fixtures to an LED solution with LED Linear Tubes, ensuring long durability and great efficiency using LED Technology with reliable performance and our complete in-house design.



Designed for Everyday Applications



Learn More at www.universaldouglas.com

It's **EASY**
to **REACH US...**

universaldouglas.com



LIT#: LEDQRF031622

UniversalDouglasSupport

Douglas Lighting Controls
(877) 873-2797
techsupport@universaldouglas.com

Universal Lighting Technologies
(800) 225-5278
tes@universaldouglas.com

universaldouglas.com