

DR Series LED T8 Lamp Replacement – Direct Replacement (Plug & Play) of Fluorescent Lamp



Project:	
Type:	
Catalog #:	

STANDARD



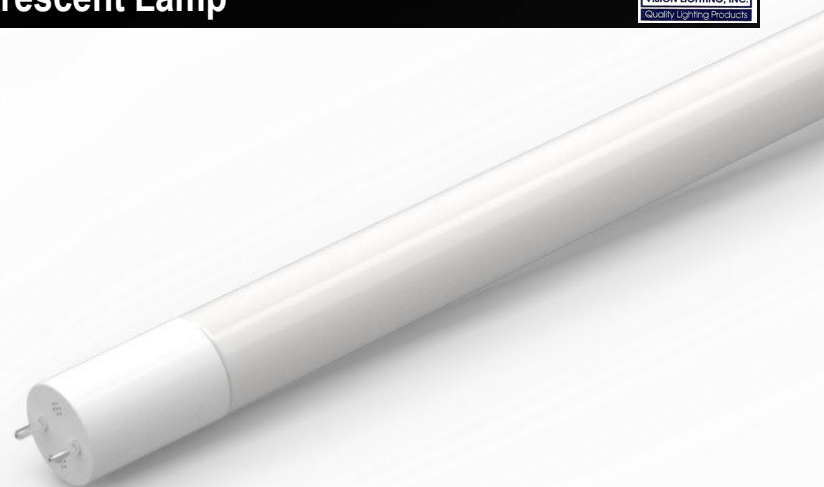
The DR (direct replacement) Series of LED T8 lamps replace conventional fluorescent lamps in existing luminaires. Offering significant energy-efficiency and lifetime improvements over fluorescent lamps, DR Series lamps offer the convenience of plug-and-play installation by using existing fluorescent ballasts and lamp-holders.

FEATURES

- Available in 3500k (warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide up to 90,000 hours of operation with at least 70% of initial lumen output (L_{70}).**
- Models provide 1,700 lumens to 2,200 lumens per lamp, and 113 to 122 lumens per watt (LPW).*
- Uniform illumination with no visible LED pixilation.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index ≥ 80 .
- Full glass housing inhibits yellowing and distortion.
- Easy installation in existing fluorescent luminaires. Direct replacement models using existing fluorescent ballasts and lamp-holders.

* Contact factory for other color temperatures and lumen packages.

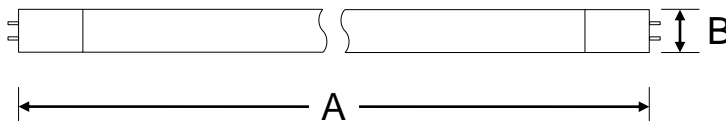
** L_{70} hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

- cULus listed for dry and damp locations in ambient temperatures from -20°C to 45°C (-4°F to 113°F).
- DLC standard approved.
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- Complies with FCC Part 15, Class B.
- 5-year warranty of all electronics and housing.
- Shatter-proof models (NSF certified) available by special order.

DIMENSIONS



	A (Length)	B (Diameter)
4 Foot	47 1/8"	1"

ORDERING INFORMATION

Example: DR4FT11W-35K

Model*	Watts**	Color Temperature	Lumens	Lumens / Watt	DLC Listed	Options
DR4FT11W	15	35K = 3500k	1,700	113	Yes	BAL1400ACTD = Emergency battery backup (1,400 lumens)
		4K = 4000k	1,800	120	Yes	BALT5-1300ACTD = Emergency battery backup (1,300 lumens, low-profile)
		5K = 5000k	1,800	120	Yes	
DR4FT15W	18	4K = 4000k	2,200	122	Yes	
		5K = 5000k	2,200	122	Yes	

* Case quantities are 25.

** The wattage levels shown above are based on testing with fluorescent ballasts with 88% ballast factor. Actual lamp watts are determined by the existing ballast installed in the luminaire.

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ELECTRICAL DATA

Model	Color Temp.	CRI ¹	Lamp Lumens	Lamp Watts	Lumens/Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
DR4FT11W35K	3500k	> 80	1,700	15	113	120-277	0.13	0.06	0.05	> 90%	< 20%	90,000
DR4FT11W4K	4000k	> 80	1,800	15	120	120-277	0.13	0.06	0.05	> 90%	< 20%	90,000
DR4FT11W5K	5000k	> 80	1,800	15	120	120-277	0.13	0.06	0.05	> 90%	< 20%	90,000
DR4FT15W4K	4000k	> 80	2,200	18	122	120-277	0.15	0.08	0.06	> 90%	< 20%	90,000
DR4FT15W5K	5000k	> 80	2,200	18	122	120-277	0.15	0.08	0.06	> 90%	< 20%	90,000

¹ Color rendering index.

² All 50-60Hz.

³ Total harmonic distortion.

⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.