

T8DFSP/N
High-transmittance nano-plastic, Shatterproof
No bending under high temperature

T8DFSP4
Plastic end caps, glass tube with PET cover, PET film
ShatterProtect⁴

Single Pin base, 8 ft length, PET film, ShatterProtect⁴

T8DF4/ T8DF2
All glass construction , aluminium end caps (Linear)
Plastic body and end caps (U-Bend)



LED LAMP

VIVID Series

DirectFit T8 Lamp

VIV-T8DFSP/N, VIV-T8DFSP4
VIV-T8DF4, VIV-T8DF2

Features & Benefits

DLC approved, 50,000 hour life (L70), High CRI (83+)

NSF/ANSI 2 Certified¹ (T8DFSP4)
ETL Sanitation Certified² (T8DFSP/N)

Beam angle
220° (T8DF4, T8DF2), 180° (T8DFSP4), 160° (T8DFSP/N)

Direct replacement for T8 linear fluorescent

Fits into existing linear fixtures

Compatible with most Instant Start Ballast³ with input voltage of 120-277V and 347V

¹Need to work with NSF certified lighting fixtures

²Need to work with ETL Sanitation certified lighting fixtures

³For detail, you may contact your sales person or check www.turolight.com for ballast compatibility list

⁴ShatterProtect utilizes PET film to reduce the unexpected risk of shattering

Warranty & Cautions

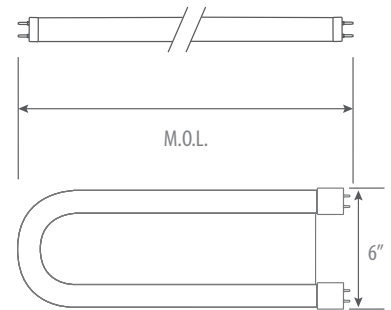
5-year limited warranty for DLC listed lamps / 3-year limited warranty for non-DLC*

Bulb wall temperature range between -20°C and +45°C

Not recommended to use with ballast 5 years or older

*Please check the "Turolight LED Limited Warranty" for details

Dimensional drawing



Product Specification

Ordering Code	DLC	Model Number	Nominal Lamp Power (Watts)	System Power (Watts)			Initial Lumen (lm)			Base	Voltage (V)	Hour Rating	Beam Angle	CCT(K)	CRI	M.O.L. (inch)	Case QTY.
				Low BF (0.78)	Normal BF (0.88)	High BF (1.16)	Low BF (0.78)	Normal BF (0.88)	High BF (1.16)								
T8DFSP/N (NANO)																	
1762023	Y	VIV-T8DFSP/N/15W/30/F	15	15	18	24	1700	2100	2800	G13	120-277, 347	50,000	160	3000	83	48	25
1762367	Y	VIV-T8DFSP/N/15W/35/F	15	15	18	24	1700	2100	2800	G13	120-277, 347	50,000	160	3500	83	48	25
1762884	Y	VIV-T8DFSP/N/15W/40/F	15	15	18	24	1800	2200	2900	G13	120-277, 347	50,000	160	4000	83	48	25
1762555	Y	VIV-T8DFSP/N/15W/50/F	15	15	18	24	1800	2200	2900	G13	120-277, 347	50,000	160	5000	83	48	25
T8DFSP4																	
1762867	Y	VIV-T8DFSP4/9W/40/F	9	9	12	17	950	1350	2050	G13	120-277, 347	50,000	180	4000	83	24	25
1762543	Y	VIV-T8DFSP4/9W/50/F	9	9	12	17	1000	1400	2100	G13	120-277, 347	50,000	180	5000	83	24	25
1762735	Y	VIV-T8DFSP4/13W/30/F	13	13	16	22	1400	1800	2500	G13	120-277, 347	50,000	180	3000	83	48	25
1762339	Y	VIV-T8DFSP4/13W/35/F	13	13	16	22	1450	1850	2550	G13	120-277, 347	50,000	180	3500	83	48	25
1762822	Y	VIV-T8DFSP4/13W/40/F	13	13	16	22	1500	1900	2600	G13	120-277, 347	50,000	180	4000	83	48	25
1762524	Y	VIV-T8DFSP4/13W/50/F	13	13	16	22	1600	2000	2700	G13	120-277, 347	50,000	180	5000	83	48	25
1762736	Y	VIV-T8DFSP4/15W/30/F	15	15	18	28	1700	2100	2800	G13	120-277, 347	50,000	180	3000	83	48	25
1762340	Y	VIV-T8DFSP4/15W/35/F	15	15	18	28	1700	2100	2800	G13	120-277, 347	50,000	180	3500	83	48	25
1762823	Y	VIV-T8DFSP4/15W/40/F	15	15	18	28	1800	2200	2900	G13	120-277, 347	50,000	180	4000	83	48	25
1762525	Y	VIV-T8DFSP4/15W/50/F	15	15	18	28	1800	2200	2900	G13	120-277, 347	50,000	180	5000	83	48	25
1763439	-	VIV-T8DFSP4/20W/40/F/5FT	20	20	23	30	1800	2200	2900	G13	120-277, 347	50,000	180	4000	83	60	25
1763517	-	VIV-T8DFSP4/20W/50/F/5FT	20	20	23	30	1900	2300	3000	G13	120-277, 347	50,000	180	5000	83	60	25

VIV-T8DFSP/N , VIV-T8DFSP4, VIV-T8DF4, VIV-T8DF2

Ordering Code	DLC	Model Number	Nominal Lamp Power (Watts)	System Power (Watts)			Initial Lumen (lm)			Base	Voltage (V)	Hour Rating	Beam Angle	CCT(K)	CRI	M.O.L. (inch)	Case QTY.
				Low BF (0.78)	Normal BF (0.88)	High BF (1.16)	Low BF (0.78)	Normal BF (0.88)	High BF (1.16)								
T8DF4/ T8DF2 Linear																	
1762024	Y	VIV-T8DF4/11W/30/F/3FT	11	11	14	20	1200	1600	2300	G13	120-277, 347	50,000	220	3000	83	36	25
1762368	Y	VIV-T8DF4/11W/35/F/3FT	11	11	14	20	1200	1600	2300	G13	120-277, 347	50,000	220	3500	83	36	25
1762889	Y	VIV-T8DF4/11W/40/F/3FT	11	11	14	20	1250	1650	2350	G13	120-277, 347	50,000	220	4000	83	36	25
1762554	Y	VIV-T8DF4/11W/50/F/3FT	11	11	14	20	1250	1650	2350	G13	120-277, 347	50,000	220	5000	83	36	25
1752408	Y	VIV-T8DF4/11.5W/40/F	11.5	11.5	14.5	20.5	1400	1800	2500	G13	120-277, 347	50,000	220	4000	83	48	25
1752505	Y	VIV-T8DF4/11.5W/50/F	11.5	11.5	14.5	20.5	1430	1830	2530	G13	120-277, 347	50,000	220	5000	83	48	25
1762025	Y	VIV-T8DF2/13W/30/F	13	13	16	22	1400	1800	2500	G13	120-277, 347	50,000	220	3000	83	48	25
1762369	Y	VIV-T8DF2/13W/35/F	13	13	16	22	1400	1800	2500	G13	120-277, 347	50,000	220	3500	83	48	25
1762876	Y	VIV-T8DF2/13W/40/F	13	13	16	22	1400	1800	2500	G13	120-277, 347	50,000	220	4000	83	48	25
1762545	Y	VIV-T8DF2/13W/50/F	13	13	16	22	1500	1900	2600	G13	120-277, 347	50,000	220	5000	83	48	25
T8DFSP4 Single Pin, 8ft																	
1764213	Y	VIV-T8DFSP4/24W/30/F	24	24	27	30	2900	3300	4000	Single Pin	120-277, 347	50,000	180	3000	83	96	8
1764308	Y	VIV-T8DFSP4/24W/35/F	24	24	27	30	3000	3400	4100	Single Pin	120-277, 347	50,000	180	3500	83	96	8
1764413	Y	VIV-T8DFSP4/24W/40/F	24	24	27	30	3100	3500	4200	Single Pin	120-277, 347	50,000	180	4000	83	96	8
1764512	Y	VIV-T8DFSP4/24W/50/F	24	24	27	30	3100	3500	4200	Single Pin	120-277, 347	50,000	180	5000	83	96	8
T8DF4/ T8DF2 Linear																	
1762783	Y	VIV-T8DF4/U/13W/30/F	13	13	16	22	1400	1800	2500	G13	120-277, 347	50,000	220	3000	83	24	24
1762363	Y	VIV-T8DF4/U/13W/35/F	13	13	16	22	1400	1800	2500	G13	120-277, 347	50,000	220	3500	83	24	24
1762865	Y	VIV-T8DF4/U/13W/40/F	13	13	16	22	1450	1850	2550	G13	120-277, 347	50,000	220	4000	83	24	24
1762540	Y	VIV-T8DF4/U/13W/50/F	13	13	16	22	1500	1900	2600	G13	120-277, 347	50,000	220	5000	83	24	24

T8DF4

Plastic body and end caps (U-Bend)



Ordering Information Example: VIV-T8DFSP4/20W/35/F/5FT

LED CLASS	LAMP TYPE	WATTAGE	CCT(K)	FROST	OTHER
VIV (Vivid)	T8DFSP/N (Direct Fit, Shatterproof, Nano) T8DFSP4 (Direct Fit, PET film) T8DF4 (Direct Fit) T8DF2 (Direct Fit)	15W 20W,15W,13W, 9W 13W,11.5W,11W 13W	50 (5000K) 40 (4000K) 35 (3500K) 30 (3000K)	F (Frost)	U (U-Bend)