

T8 LED DirectFit

HD-T8DFSP (Selectable CCT)



5-year limited warranty

Operating temperature range -20 °C ~ +45 °C

Not recommended to use with ballast 5 years or older

Turolight T8 Ballast selection below



Features & Benefits

DLC, cUL listed

Direct replacement for T8 linear fluorescent

Plastic end caps, glass tube with PET film, shatterprotect¹

NSF/ANSI 2 certified²

Fits into existing linear fixtures

Compatible with most Instant start ballast with input voltage of 120-277V and 347V³

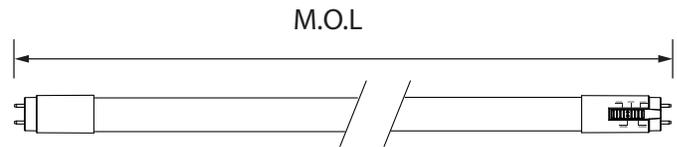
Beam angle 180°, 50000 hour life (L70), High CRI (83+)

¹ ShatterProtect utilizes PET film to reduce the unexpected risk of shattering

³ For detail, you may contact your sales person or check www.turolight.com for ballast compatibility list, and Turolight T8 Ballast selection below.

² Need to work with NSF certified lighting fixtures

Dimensional Drawing



Ordering Information Example: HD-T8DFSP/10W/5CCT/F

Family Name	Lamp Type	Wattage	CCT	Frost
HD	T8DFSP (T8 DirectFit, shatter protect)	10W 13W	5CCT (30-35-40-50-65K)	F (Frost)

Product Specification

Ordering Code	DLC	Model Number	Wattage (W)	Voltage (V)	Initial Lumens(lm)	Base	Hour Rating	Beam Angle	CCT(K)	CRI	M.O.L. (inch)	Case QTY.
1753003	Yes	HD-T8DFSP/10W/5CCT/F (4FT)	10	120-277, 347	1800	G13	50,000	180°	30-35-40-50-65	83	48	25
1753004	Yes	HD-T8DFSP/13W/5CCT/F (4FT)	13	120-277, 347	2200	G13	50,000	180°	30-35-40-50-65	83	48	25

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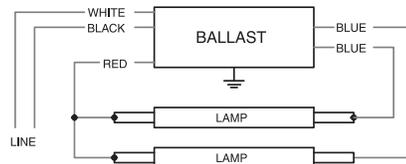


Turolight T8 Ballast selection

Order Code	Model Number	No. of Lamps	Lamp Type	Input Volts (V)	Input Power (W)	Line Current (A)	Ballast Factor	THD ($\leq\%$)	Power Factor (\geq)
Instant Start, 120V 50/60Hz									
4161100	TL232UNV-IS	1	F32T8	120	35	0.29	1.08	10	0.98
	TL232UNV-IS	2	F32T8	120	56	0.46	0.89	10	0.98
4161101	TL432UNV-IS	3	F32T8	120	92	0.77	0.96	10	0.98
	TL432UNV-IS	4	F32T8	120	112	0.93	0.88	10	0.98
Instant Start, 347V 50/60Hz									
4161200	TL232347-IS	1	F32T8	347	37	0.112	1.08	10	0.98
	TL232347-IS	2	F32T8	347	56	0.170	0.89	10	0.98
4161201	TL432347-IS	3	F32T8	347	88	0.260	0.94	10	0.97
	TL432347-IS	4	F32T8	347	109	0.322	0.87	10	0.98



For one lamp application, cap any blue lead insulate to 600V



For three lamps application, cap any blue lead insulate to 600V

