

LED Glass Tubes - PRO



50,000
Hours



Years
Warranty



Photometric Data

Part Code	Lumens	LPW	Rated Life (Hrs)	CCT (K)	CRI (Ra)	Beam (°)
TBS016	1,050	105	50,000	4000	80	160°
TBS019	1,050	105	50,000	6500	80	160°
TBS017	2,170	103	50,000	4000	80	160°
TBS020	2,170	103	50,000	6500	80	160°
TBS018	2,600	108	50,000	4000	80	160°
TBS021	2,600	108	50,000	6500	80	160°
TBS044	2,800	107	30,000	4000	80	160°
TBS045	2,800	107	30,000	6500	80	160°

Electrical Data

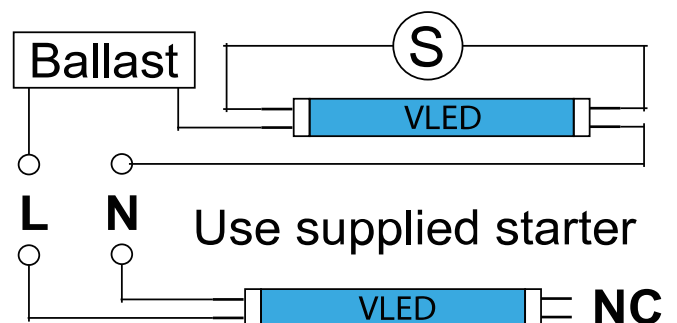
Part Code	Input (W)	Input (V) $\pm 10\%$	Input (Hz)	Input (A)	Electrical Class
TBS016	10	220-240	50/60	0.05	2
TBS019	10	220-240	50/60	0.05	2
TBS017	21	220-240	50/60	0.09	2
TBS020	21	220-240	50/60	0.09	2
TBS018	24	220-240	50/60	0.11	2
TBS021	24	220-240	50/60	0.11	2
TBS044	26	220-240	50/60	0.11	2
TBS045	26	220-240	50/60	0.11	2

Physical Data

Part Code	Lens Type	Dimensions (mm)	Weight (kg)
TBS016	Glass	600mm, (T8) G13	0.12
TBS019	Glass	600mm (T8) G13	0.12
TBS017	Glass	1200mm (T8) G13	0.23
TBS020	Glass	1200mm (T8) G13	0.23
TBS018	Glass	1500mm (T8) G13	0.28
TBS021	Glass	1500mm (T8) G13	0.28
TBS044	Glass	1800mm (T8) G13	0.38
TBS045	Glass	1800mm (T8) G13	0.38

Environmental Data

Max. Ambient (°C)	40
Min. Ambient (°C)	-20
IP Rating	IP20



To use with existing magnetic ballast please see wiring diagram.

To use with existing electronic gear, disconnect all electronic gear and wire direct to the lamp holder