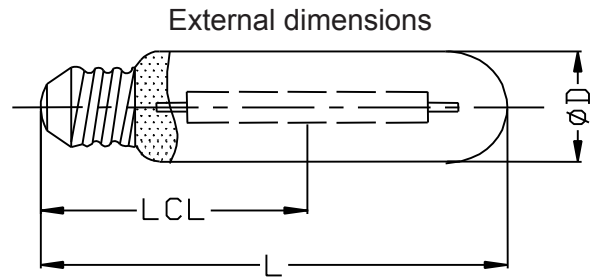




# HPS 400W

## T type - niobium tube



1. Geometry dimensions					
Item	Item description		parameter		
1.1	Dimension (ØD)	[mm]	48 Max		
1.2	Dimension (LCL)	[mm]	180 ±5		
1.3	Dimension (L) full length of lamp	[mm]	285 Max		
1.4	Base type	/	E40		
1.5	Base axuality	°	3 Max		
2. Starting description					
2.1	Starting voltage limit requirement	[V]	198		
2.2	Starting time	[S]	10 Max		
3. Ignite description					
3.1	Pulse voltage	[kV]	3~5		
3.2	Pulse time	[µs]	1.95 ± 0.05		
3.3	Pulse times	[times]	once per cycle		
4. Electrical technical data					
4.1	Voltage	[V]	90~105~128		
4.2	Current (reference)	[A]	4.6		
4.3	Wattage (reference)	[W]	400 (450 max)		
5. Light technical data					
5.1	Luminous flux	[Lm]	Rated:54000	Ave:52000	Min:47000
5.2	Colour temperature	[K]	2000		
5.3	Colour index	/	≤ 30		
5.4	Lumen maintenance (2000h)	[%]	> 90		
5.5	Average life	[h]	30000		
6. Reference ballast characteristic					
6.1	Rated frequency	[Hz]	50		
6.2	Rated voltage	[V]	220		
6.3	Reference current	[A]	4.6		
6.4	Voltage - current ratio	/	39		
6.5	Power factor	/	0.06 ± 0.005		
7. Others					
7.1	Base temperature	[°C]	250 Max.		
7.2	Outer bulb temperature	[°C]	400 Max.		
7.3	Base torque force	[N.m]	5 Min.		
7.4	Burning position	/	horizontal		