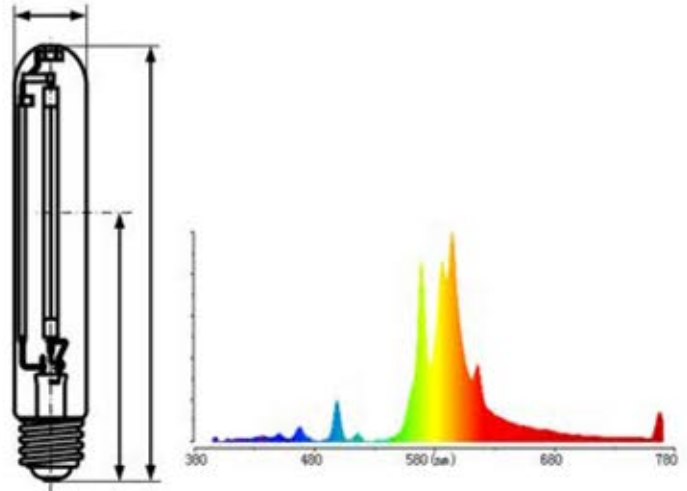
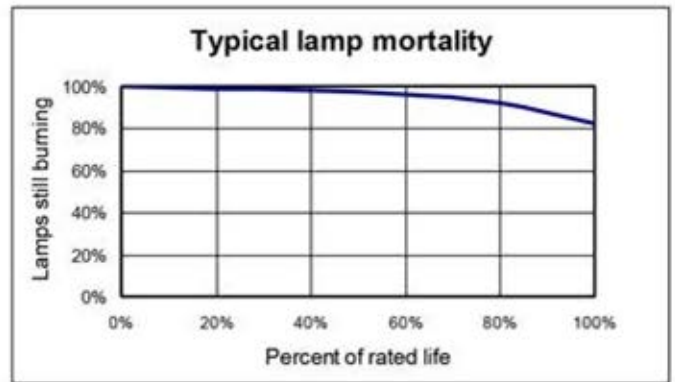


PERFORMANCE DATA		
Initial lumens at rated watts after 100 hours operation	90000	Lm
Rated average life	28000	H
Warm up time (90% lumens)	5	Min
Correlated color temperature	2000	K
CIE chromaticity	0.52,0.42	x,y
Color rendering index	20	
Operating Position	U	
PAR value (400-700nm)	1000	$\mu\text{mol/s}$



ELECTRICAL CHARACTERISTICS		
Nominal lamp wattage	600	W
Nominal lamp voltage	110	V
Nominal lamp current	6.2	A



PHYSICAL DESCRIPTION		
Maximum overall length	290	mm
Light center length	175	mm
MaxBulb diameter	48	mm
Base to bulb eccentricity (max)	3	degrees
Maximum bulb temperature	400	$^{\circ}\text{C}$
Bulb designation	TD46	
Bulb material	Borosilicate(Hard Glass)	
Arc tube material	PCA	
Bulb finish	Clear	
Base designation	E40	

