

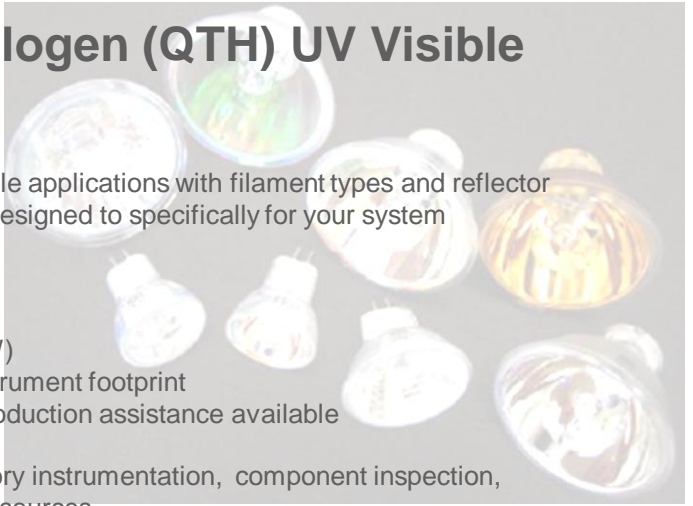
# Custom Quartz Tungsten Halogen (QTH) UV Visible Lamps

We offer a variety of QTH lamp solutions for UV-Visible applications with filament types and reflector coatings mounted in precision designed assemblies designed to specifically for your system requirements.

## Key Features

- Choice of a broad range of halogen lamps (20~150W)
- Compact reflectors available for downsizing your instrument footprint
- Optical design, module and unit development and production assistance available

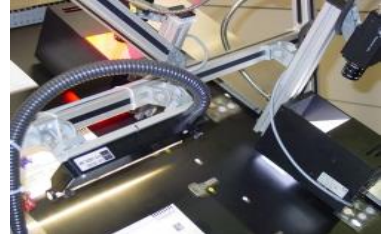
**Application Areas:** Analytical and biomedical laboratory instrumentation, component inspection, medical and industrial light guide and fiber illumination sources



**Dental Curing System**



**Micro Plate reader**



Optical Characteristics

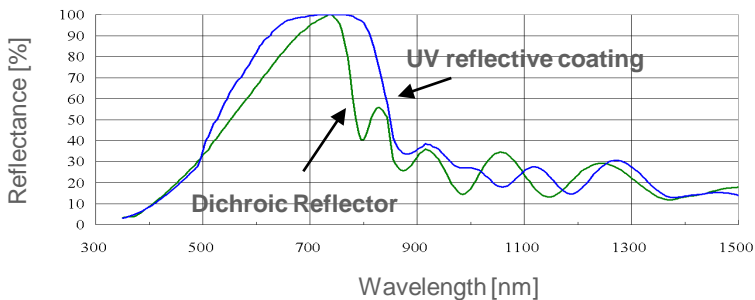


Fig.1

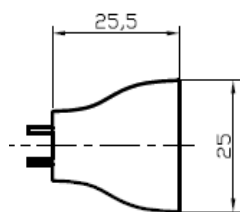


Fig.2

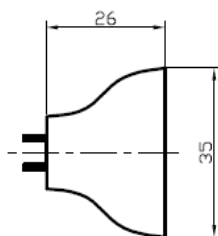
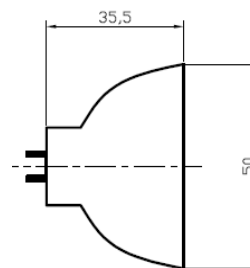


Fig.3



UV-VIS Standard Lamps

Item#	Volt (V)	Watt (W)	WD (mm)	Average Life (h)	Base	Color Temp (K)	Coating	Fig.No
CP10	6	10	14.5	2000	GZ4	2900	Dichroic	1
CP20	12	20	32	2000	GZ6.35	2950	Dichroic	3
CP20typeM	12	20	14.5	2000	GZ4	2000	Dichroic	1
CP30	12	30	32	2000	GZ6.35	3000	Dichroic	3
CP30typeM	12	30	14.5	2000	GZ4	3000	Dichroic	1
CP50	12	50	32	2000	GZ6.35	3000	Dichroic	3
CP50typeUV	12	50	32	2000	GZ6.35	3000	UV Reflect	3
CP75	12	75	32	1500	GZ6.35	3000	Dichroic	3
CP100	12	100	32	1000	GZ6.35	3100	Dichroic	3

Example Custom Lamp Specification

Reflector type	Volt (V)	Watt (W)	WD (mm)	Average lifetime (h)	Coating	Fig.No
Collimate	6·12	10~75	-	-	Dichroic	1
Collimate	6·12	10~75	-	-	Dichroic·UV Reflect	2
Focus	6·12	10~75	-	-	Dichroic	1
Focus	12·15	20~150	32	50~2000	UV Reflect	3

※ Base will change based on the lamp and reflector combination

※IR Custom Halogen lamp also available upon request