

# VISION TECH® ELECTRONICS

An ISO 9001:2015  
Certified Company

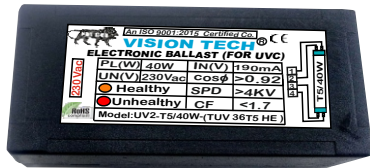


## ELECTRONIC UV BALLAST

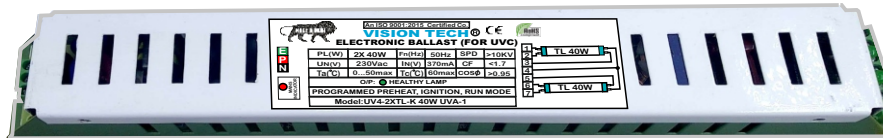
### FOR ARKLITE UV LAMP/TUBE:



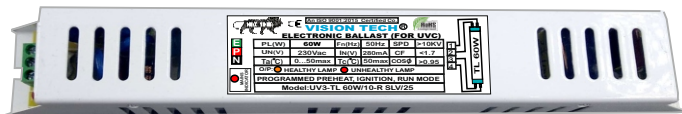
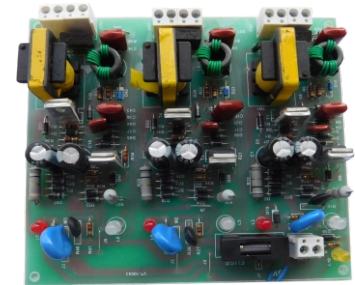
**UV1:(80X39X23)mm**  
FR-Grade ABS



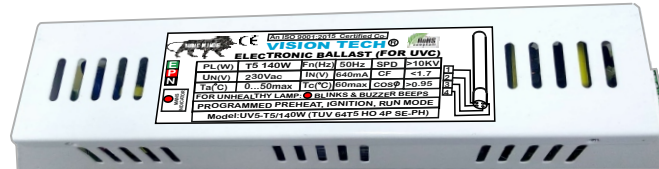
**UV2:(97X46X29)mm**  
FR-Grade ABS



**UV4:(316X41X35)mm**  
Powder Coated Metallic



**UV3:(263X39X32)mm**  
Powder Coated Metallic



**UV5:(278X55X42)mm**  
Powder Coated Metallic



### FOR UVC REGULAR LAMP(ARKLITE):

Suitable Lamp/Tube	I/P Voltage Range (Vac)	I/P Current (mA)	Power (Watt)	PF	SPD	CF	Lamp Current(mA)	Lamp Voltage	For Lamp Fault		Body
									LED	Buzzer	

#### FOR 1XUVC REGULAR LAMP:

GPH212 T5 6W UVC	170-300Vac	30mA	6W	>0.90	>4KV	<1.70	160mA	42V	—	—	UV 1
GPH287 T5 8W UVC	170-300Vac	40mA	8W	>0.90	>4KV	<1.70	150mA	56V	—	—	UV 1
GPH212 T5 11W UVC	170-300Vac	53mA	11W	>0.90	>4KV	<1.70	330mA	37V	—	—	UV 1
GPH287 T5 16W UVC	170-300Vac	80mA	16W	>0.90	>4KV	<1.70	350mA	46V	—	—	UV 1
GPH436W T5 21W UVC	170-300Vac	100mA	21W	>0.92	>4KV	<1.70	425mA	62V	●	—	UV 2
GPH842 T5 39W UVC	170-300Vac	185mA	39W	>0.92	>4KV	<1.70	425mA	120V	●	—	UV 2
GPH1274 T5 56W UVC	170-300Vac	260mA	56W	>0.95	>10KV	<1.70	425mA	180V	●	—	UV 3
GPH1554 T5 65W UVC	170-300Vac	300mA	65W	>0.95	>10KV	<1.70	425mA	220V	●	—	UV 3

Suitable Lamp/Tube	I/P Voltage Range (Vac)	I/P Current (mA)	Power (Watt)	PF	SPD	CF	Lamp Current(mA)	Lamp Voltage	For Lamp Fault		Body
									LED	Buzzer	

**FOR 2XUVC REGULAR LAMP:**

GPH842 T5 39W UVC	170-300Vac	360mA	78W	>0.95	>10KV	<1.70	425mA	120V	●●	—	UV 4
GPH1274 T5 56W UVC	170-300Vac	515mA	112W	>0.95	>10KV	<1.70	425mA	180V	●●	—	UV 5
GPH1554 T5 65W UVC	170-300Vac	600mA	130W	>0.95	>10KV	<1.70	425mA	220V	●●	—	UV 5

**FOR UVC HIGH OUT PUT (HO) LAMP(ARKLITE):**

Suitable Lamp/Tube	I/P Voltage Range (Vac)	I/P Current (mA)	Power (Watt)	PF	SPD	CF	Lamp Current(mA)	Lamp Voltage	For Lamp Fault		Body
									LED	Buzzer	

**FOR 1XUVC HIGH OUT PUT (HO) LAMP:**

GPH436 T5 HO 40W	170-300Vac	190mA	40W	>0.92	>10KV	<1.70	800mA	62V	●	—	UV 2
GPH723 T5 HO 64W	170-300Vac	295mA	64W	>0.95	>10KV	<1.70	800mA	80V	●	—	UV 3
GPH842 T5 HO 75W	170-300Vac	345mA	75W	>0.95	>10KV	<1.70	800mA	120V	●●	🔊	UV 4
GPH1554 T5 HO 130W	170-300Vac	600mA	130W	>0.95	>10KV	<1.70	800mA	180V	●●	🔊	UV 5
G48HO T5 150W	170-300Vac	690mA	150W	>0.95	>10KV	<1.70	800mA	220V	●●	🔊	UV 5

**FOR 2XUVC HIGH OUT PUT (HO) LAMP:**

2XGPH436 T5 HO 40W	170-300Vac	190mA	80W	>0.95	>10KV	<1.70	800mA	62V	●●	—	UV 2
2XGPH723 T5 HO 64W	170-300Vac	295mA	128W	>0.95	>10KV	<1.70	800mA	80V	●●	—	UV 3
2XGPH842 T5 HO 75W	170-300Vac	345mA	150W	>0.95	>10KV	<1.70	800mA	120V	●●	—	UV 4

**FOR UVC H-BEAM LAMP(ARKLITE):**

Suitable Lamp/Tube	I/P Voltage Range (Vac)	I/P Current (mA)	Power (Watt)	PF	SPD	CF	Lamp Current(mA)	Lamp Voltage	For Lamp Fault		Body
									LED	Buzzer	

**FOR 1XUVC H-BEAM LAMP:**

18W (G18 T5 H)	170-300Vac	90mA	18W	>0.90	>4KV	<1.70	370mA	60V	—	—	UV 1
35W (GHO 35 T5 H)	170-300Vac	165mA	35W	>0.92	>4KV	<1.70	800mA	45V	●	—	UV 2
36W (G36 T5 H)	170-300Vac	170mA	36W	>0.95	>4KV	<1.70	425mA	105V	●	—	UV 2
55W (G55 T5 H)	170-300Vac	250mA	55W	>0.95	>10KV	<1.70	450mA	110V	●	—	UV 3
60W (GHO 60 T5 H)	170-300Vac	275mA	60W	>0.95	>10KV	<1.70	800mA	118V	●	—	UV 3
95W (GHO 95 T5 H)	170-300Vac	435mA	95W	>0.95	>10KV	<1.70	800mA	120V	●●	🔊	UV 4







**FOR 2XUVC H-BEAM LAMP:**

2X35W (GHO 35 T5 H)	170-300Vac	320mA	70W	>0.95	>10KV	<1.70	800mA	45V	●●	—	UV 4
2X36W (G36 T5 H)	170-300Vac	330mA	72W	>0.95	>10KV	<1.70	425mA	105V	●●	—	UV 4
2X55W (G55 T5 H)	170-300Vac	505mA	110W	>0.95	>10KV	<1.70	450mA	110V	●●	—	UV 5
2X60W (GHO 60 T5 H)	170-300Vac	550mA	120W	>0.95	>10KV	<1.70	800mA	118V	●●	—	UV 5

## FOR UVC AMALGAM LAMP(ARKLITE):

Suitable Lamp/Tube	I/P Voltage Range (Vac)	I/P Current (mA)	Power (Watt)	PF	SPD	CF	Lamp Current(mA)	Lamp Voltage	For Lamp Fault		Body
									LED	Buzzer	

### FOR 1XUVC AMALGAM LAMP:

UVC AMALGAM(GPHA842T5 105W)	170-300Vac	480mA	105W	>0.95	>10KV	<1.70	1200mA	95V			UV 4
UVC AMALGAM(GPHA842T5 130W)	170-300Vac	600mA	130W	>0.95	>10KV	<1.70	1800mA	72V			UV 4
UVC AMALGAM(GPHA1200T5160W)	170-300Vac	735mA	160W	>0.95	>10KV	<1.70	1800mA	90V			UV 5




\*Rated Voltage=230Vac,50Hz

\*36W<Ballast Wattage<150W, exhibits Programmed mode

\*In all Ballasts V-THD%<2.5%, I-THD% is compliance to IEC 6100063-3-2, For Class-C Equipments, 11<I-THD%<39%

\*Tolerance:  $\pm 5\%$

#### \*ABOUT O/P LED INDICATORS:

-  : Shows, O/P Dual Indicator, Orange Signifies: Healthy Lamp and Red Signifies: Unhealthy Lamp
-  : Show O/P Individual Indicators, Green Signifies: Healthy Lamp and Blinking Red Signifies: Unhealthy Lamp
-  : Show O/P Separate Indicators of 2xBallasts, Green Signifies: Healthy Lamp and If Green Extinguishes: Unhealthy Lamp

\*Due to continuous R&D, design can be changed without prior notification

\*Special Requirements will be entertained

#### WORKS/FACORY ADDRESS:

##### VISION TECH ELECTRONICS

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