

VISION TECH® ELECTRONICS

An ISO 9001:2015
Certified Company



ELECTRONIC UV BALLAST

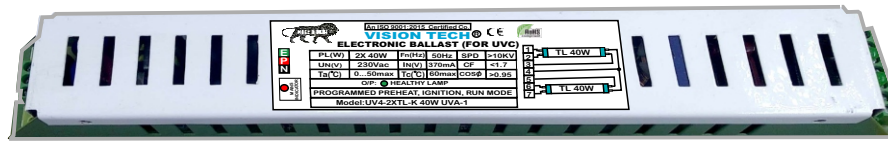
FOR PHILIPS UV LAMP/TUBE:



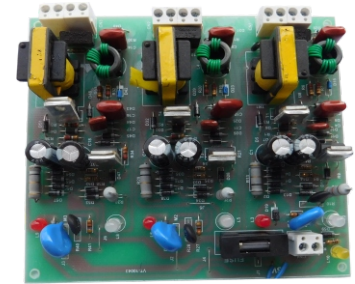
UV1:(80X39X23)mm
FR-Grade ABS



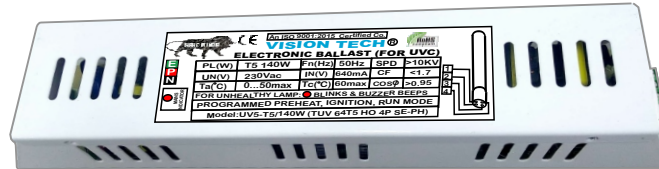
UV2:(97X46X29)mm
FR-Grade ABS



UV4:(316X41X35)mm
Powder Coated Metallic



UV3:(263X39X32)mm
Powder Coated Metallic



UV5:(278X55X42)mm
Powder Coated Metallic



FOR FLEXPRIE TL:

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 1XTL :

TL-K 40W UVA-1	170-300Vac	190mA	40W	>0.92	>4KV	<1.70	860mA	50V	●	—	UV 2
TL 60W 10-R SLV 25	170-300Vac	275mA	60W	>0.95	>10KV	<1.70	700mA	102V	●	—	UV 3
TL 80W 10-R SLV 25	170-300Vac	370mA	80W	>0.95	>10KV	<1.70	830mA	110V	● ●)))	UV 4
TL 100W 10-R UVA	170-300Vac	460mA	100W	>0.95	>10KV	<1.70	970mA	122V	● ●)))	UV 4
TL 140W 03	170-300Vac	650mA	140W	>0.95	>10KV	<1.70	1460mA	118V	● ●)))	UV 5

FOR 2XTL :









2XTL-K 40W UVA-1	170-300Vac	370mA	80W	>0.95	>10KV	<1.70	830mA	50V	● ●	—	UV 4
2XTL 60W 10-R SLV 25	170-300Vac	550mA	120W	>0.95	>10KV	<1.70	700mA	102V	● ●	—	UV 5
2XTL 80W 10-R SLV 25	170-300Vac	460mA	160W	>0.95	>10KV	<1.70	830mA	110V	● ●	—	UV 5

FOR PHOTOTHERAPY:





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	

1.UVB NARROW BAND-01:

FOR 1XNBUBV-01:






NBUBV PL-S 9W 01	170-300Vac	45mA	9W	>0.90	>4KV	<1.70	170mA	60V	—	—	UV 1
NBUBV TL 20W 01	170-300Vac	95mA	20W	>0.92	>4KV	<1.70	370mA	59V	—	—	UV 1
NBUBV PL-L 36W 01	170-300Vac	170mA	36W	>0.92	>4KV	<1.70	430mA	104V		—	UV 2
NBUBV TL 40W 01	170-300Vac	190mA	40W	>0.92	>4KV	<1.70	430mA	106V		—	UV 2
NBUBV TL 100W 01	170-300Vac	460mA	100W	>0.95	>10KV	<1.70	970mA	126V	 		UV 4
NBUBV TL 120W 01	170-300Vac	550mA	120W	>0.95	>10KV	<1.70	1100mA	132V	 		UV 5

FOR 2XNBUBV-01:




2XNBUBV PL-L 36W 01	170-300Vac	330mA	72W	>0.95	>10KV	<1.70	430mA	104V	 	—	UV 4
2XNBUBV TL 40W 01	170-300Vac	370mA	80W	>0.95	>10KV	<1.70	430mA	106V	 	—	UV 4

2.UVB BROADBAND-12:

FOR 1XUVB BROADBAND:


UVB BROADBAND TL 20W 12	170-300Vac	95mA	20W	>0.92	>10KV	<1.70	370mA	59V		—	UV 2
UVB BROADBAND TL 40W 12	170-300Vac	190mA	40W	>0.92	>10KV	<1.70	430mA	104V		—	UV 2
UVB BROADBAND TL 100W 12	170-300Vac	460mA	100W	>0.95	>10KV	<1.70	970mA	126V	 		UV 4

FOR 2XUVB BROADBAND:

2XUVB BROADBAND TL 40W 12	170-300Vac	370mA	80W	>0.95	>10KV	<1.70	430mA	104V	 		UV 4
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3.JAUNDICE-52:

FOR 1XJAUNDICE-52:




PL-S 9W 52	170-300Vac	45mA	9W	>0.90	>10KV	<1.70	170mA	60V	—	—	UV 1
PL-L 18W 52	170-300Vac	90mA	18W	>0.90	>10KV	<1.70	375mA	57V	—	—	UV 1
TLD 18W 52	170-300Vac	90mA	18W	>0.90	>10KV	<1.70	360mA	59V	—	—	UV 1
TLD 20W 52	170-300Vac	95mA	20W	>0.92	>10KV	<1.70	370mA	59V		—	UV 2

4.UVA (PUVA)-09:

FOR 1XUVA (PUVA)-09

PUVA PL-L 36W 09	170-300Vac	170mA	40W	>0.92	>10KV	<1.70	435mA	106V		—	UV 2
PUVA TL 100 09	170-300Vac	460mA	100W	>0.95	>10KV	<1.70	940mA	125V	 		UV 4

FOR 2XUVA (PUVA)-09

PUVA PL-L 36W 09	170-300Vac	330mA	72W	>0.92	>10KV	<1.70	435mA	106V	 		UV 4
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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	

5.UVA1-10:

FOR 1XUVA1-10

PL-S 9W UVA-1	170-300Vac	45mA	9W	>0.90	>4KV	<1.70	170mA	60V	—	—	UV 1
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FOR UVC (PHILIPS)

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	

1.TUV PL-S:

FOR 1XTUV PL-S:

PLS 5W G23 2P	170-300Vac	25mA	5W	>0.90	>4KV	<1.70	180mA	35V	—	—	UV 1
PLS 5W 2G7 4P	170-300Vac	25mA	5W	>0.90	>4KV	<1.70	190mA	27V	—	—	UV 1
PLS 7W G23 2P	170-300Vac	35mA	7W	>0.90	>4KV	<1.70	180mA	46V	—	—	UV 1
PLS 9W G23 2P	170-300Vac	45mA	9W	>0.90	>4KV	<1.70	170mA	60V	—	—	UV 1
PLS 9W 2G7 4P	170-300Vac	45mA	9W	>0.90	>4KV	<1.70	170mA	60V	—	—	UV 1
PLS 11W G23 2P	170-300Vac	55mA	11W	>0.90	>4KV	<1.70	160mA	89V	—	—	UV 1
PLS 13W G23 2P	170-300Vac	65mA	13W	>0.90	>4KV	<1.70	290mA	56V	—	—	UV 1

2.TUV TL Mini:

FOR 1XTUV TL Mini:

TL4W(TUV TL Mini 4W G5)	170-300Vac	20mA	4W	>0.90	>4KV	<1.70	165mA	25V	—	—	UV 1
TL6W(TUV TL Mini 6W G5)	170-300Vac	30mA	6W	>0.90	>4KV	<1.70	165mA	37V	—	—	UV 1
TL8W(TUV TL Mini 8W G5)	170-300Vac	40mA	8W	>0.90	>4KV	<1.70	170mA	47V	—	—	UV 1
TL11W(TUV TL Mini 11W G5)	170-300Vac	55mA	11W	>0.90	>4KV	<1.70	400mA	34V	—	—	UV 1
TL11W(TUV TL Mini 11W G5-2P)	170-300Vac	55mA	11W	>0.90	>4KV	<1.70	425mA	34V	—	—	UV 1
TL16W(TUV TL Mini 16W G5)	170-300Vac	80mA	16W	>0.90	>4KV	<1.70	425mA	33V	—	—	UV 1
TL16W(TUV TL Mini 16W G5-4P-SE)	170-300Vac	80mA	16W	>0.90	>4KV	<1.70	425mA	43V	—	—	UV 1
TL20W(TUV TL Mini 20W G5)	170-300Vac	95mA	20W	>0.92	>4KV	<1.70	450mA	45V	●	—	UV 2
TL20W(TUV TL Mini 20W G5-4P-SE)	170-300Vac	95mA	20W	>0.92	>4KV	<1.70	450mA	45V	●	—	UV 2
TL25W(TUV TL Mini 25W G5)	170-300Vac	120mA	25W	>0.92	>4KV	<1.70	450mA	55V	●	—	UV 2
TL25W(TUV TL Mini 25W G5-4P-SE)	170-300Vac	120mA	25W	>0.92	>4KV	<1.70	450mA	55V	●	—	UV 2

FOR 2XTUV TL Mini:

2XTL25W(TUV TL Mini 25W G5)	170-300Vac	235mA	50W	>0.92	>4KV	<1.70	450mA	55V	●●	—	UV 3
2XTL25W(TUV TL Mini 25W G5-4P-SE)	170-300Vac	235mA	50W	>0.92	>4KV	<1.70	450mA	55V	●●	—	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	

3.TUV AMALGAM:

FOR 1XTUV AMALGAM:

TUV 130W XPT SE 140W	170-300Vac	120mA	140W	>0.95	>10KV	<1.70	2100mA	67V				UV 5
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4.TUV T5:

FOR 1XTUV T5:

TUV 36 T5 HE G5	170-300Vac	190mA	40W	>0.92	>4KV	<1.70	425mA	97V		-	-	UV 2
TUV 36 T5 HE 4P SE	170-300Vac	190mA	40W	>0.92	>4KV	<1.70	425mA	97V		-	-	UV 2
T5 75W(TUV 36 T5 HO 4P SE)	170-300Vac	345mA	75W	>0.95	>10KV	<1.70	800mA	97V				UV 4
T5 75W(TUV 64 T5 HE 4P SE)	170-300Vac	345mA	75W	>0.95	>10KV	<1.70	425mA	178V				UV 4
T5 75W(TUV 36 T5 HO G5)	170-300Vac	345mA	75W	>0.95	>10KV	<1.70	800mA	97V				UV 4
T5 140W(TUV64T5HO 4P SE)	170-300Vac	650mA	140W	>0.95	>10KV	<1.70	800mA	175V				UV 5

FOR 2XTUV T5:

2XTUV 36 T5 HE G5	170-300Vac	370mA	80W	>0.95	>10KV	<1.70	425mA	97V			-	UV 4
2XTUV 36 T5 HE 4P SE	170-300Vac	370mA	80W	>0.95	>10KV	<1.70	425mA	97V			-	UV 4
2XT5 75W(TUV 36 T5 HO G5)	170-300Vac	690mA	150W	>0.95	>10KV	<1.70	800mA	97V			-	UV 5
2XT5 75W(TUV 36 T5 HO 4P SE)	170-300Vac	690mA	150W	>0.95	>10KV	<1.70	800mA	97V			-	UV 5
2XT5 75W(TUV 64 T5 HE 4P SE)	170-300Vac	690mA	150W	>0.95	>10KV	<1.70	425mA	178V			-	UV 5

FOR 1XTUV PL-L:

TUV PL-L 18W 4P 2G11	170-300Vac	90mA	18W	>0.90	>4KV	<1.70	375mA	60V	-	-	-	UV 1
TUV PL-L 24W 4P 2G11	170-300Vac	115mA	24W	>0.92	>4KV	<1.70	350mA	87V		-	-	UV 2
TUV PL-L 36W 4P 2G11	170-300Vac	170mA	36W	>0.92	>4KV	<1.70	440mA	106V		-	-	UV 2
TUV PL-L 55W 4P 2G11	170-300Vac	255mA	55W	>0.95	>10KV	<1.70	525mA	105V		-	-	UV 3
TUV PL-L 35W HO 2G11	170-300Vac	170mA	35W	>0.92	>4KV	<1.70	850mA	42V		-	-	UV 2
TUV PL-L 60W 4P HO 2G11	170-300Vac	275mA	60W	>0.95	>10KV	<1.70	800mA	82V		-	-	UV 3
TUV PL-L 95W 4P HO 2G11	170-300Vac	435mA	95W	>0.95	>10KV	<1.70	800mA	84V				UV 4

FOR 2XTUV PL-L:

2XTUV PL-L 24W 4P 2G11	170-300Vac	220mA	48W	>0.92	>10KV	<1.70	350mA	87V			-	UV 3
2XTUV PL-L 36W 4P 2G11	170-300Vac	340mA	70W	>0.95	>10KV	<1.70	440mA	106V				UV 4
2XTUV PL-L 55W 4P 2G11	170-300Vac	505mA	110W	>0.95	>10KV	<1.70	525mA	105V				UV 5
2XTUV PL-L 35W HO 2G11	170-300Vac	320mA	70W	>0.95	>10KV	<1.70	850mA	42V				UV 4
2XTUV PL-L 60W 4P HO	170-300Vac	550mA	120W	>0.95	>10KV	<1.70	800mA	82V				UV 5

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	

5.TUV T8:

FOR 1XTUV T8:

TUV T8 10W G13	170-300Vac	50mA	10W	>0.90	>4KV	<1.70	220mA	48V	—	—	UV 1
TUV T8 15W G13	170-300Vac	75mA	15W	>0.90	>4KV	<1.70	335mA	55V	—	—	UV 1
TUV T8 17W G13	170-300Vac	85mA	17W	>0.90	>4KV	<1.70	265mA	72V	—	—	UV 1
TUV T8 25W G13	170-300Vac	120mA	25W	>0.92	>4KV	<1.70	600mA	48V	🟡	—	UV 2
TUV T8 30W G13	170-300Vac	145mA	30W	>0.92	>4KV	<1.70	370mA	102V	🟡	—	UV 2
TUV T8 36W G13	170-300Vac	170mA	36W	>0.92	>4KV	<1.70	440mA	103V	🟡	—	UV 2
TUV T8 55W HO G13	170-300Vac	250mA	55W	>0.95	>10KV	<1.70	770mA	86V	🟡	—	UV 3
TUV T8 75W HO G13	170-300Vac	345mA	75W	>0.95	>10KV	<1.70	840mA	110V	🟢🔴	🔊	UV 4

FOR 2XTUV T8:

2XTUV T8 25W G13	170-300Vac	235mA	50W	>0.92	>10KV	<1.70	600mA	48V	🟢🟢	—	UV 3
2XTUV T8 30W G13	170-300Vac	275mA	60W	>0.95	>10KV	<1.70	370mA	102V	🟢🟢	—	UV 3
2XTUV T8 36W G13	170-300Vac	330mA	72W	>0.95	>10KV	<1.70	440mA	103V	🟢🟢	—	UV 4
2XTUV T8 55W HO G13	170-300Vac	505mA	110W	>0.95	>10KV	<1.70	770mA	86V	🟢🟢	—	UV 5
2XTUV T8 75W HO G13	170-300Vac	345mA	150W	>0.95	>10KV	<1.70	840mA	110V	🟢🟢	—	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: ±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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