

2016



2017



Reprography Lamp Catalogue

UE United Consolidated Sdn. Bhd.

(Co. No. 815185H)

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Lamps for Reprography and Flexo Print

Flexo print TL lamps emit almost all of their light (99.9%) in the useful UVA and visible blue wavebands – between 350 and 400 nm – and have peak intensity at 370 nm (except for the /03 version). This makes them ideal for flexo printing equipment and photopolymerization processes. In addition, the 'R' lamps in the family have an internal 200 degree reflector to further optimize the lamp's overall efficiency.

Benefits

- Best match with photo sensitizers
- Highest output on irradiated area

Features

- Emit radiation in the range 380-480 nm with a maximum at 370 nm
- Internal reflector

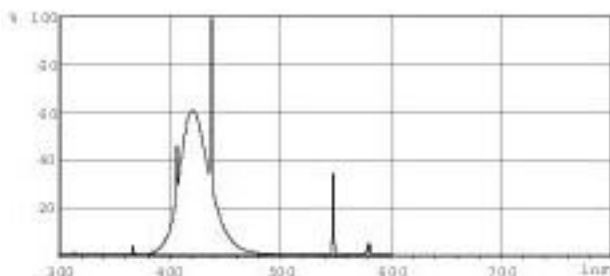
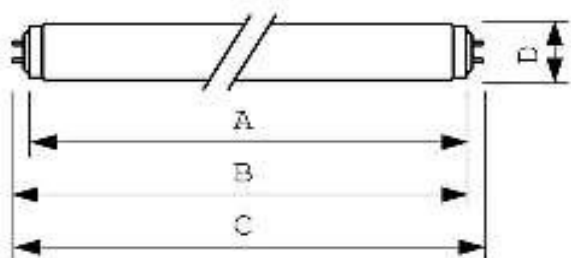
Application

- Flexoprint reprographic equipment, Diazo copying machines

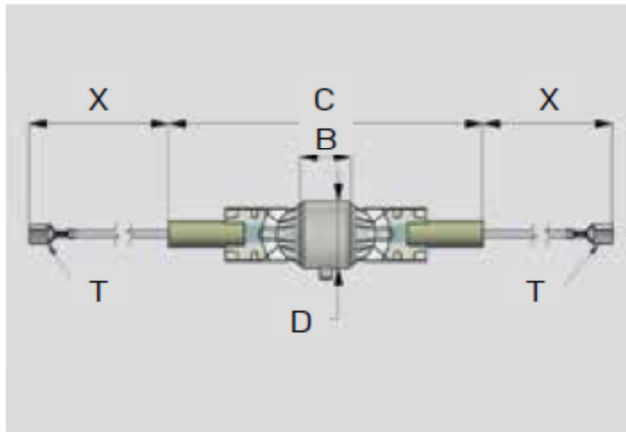
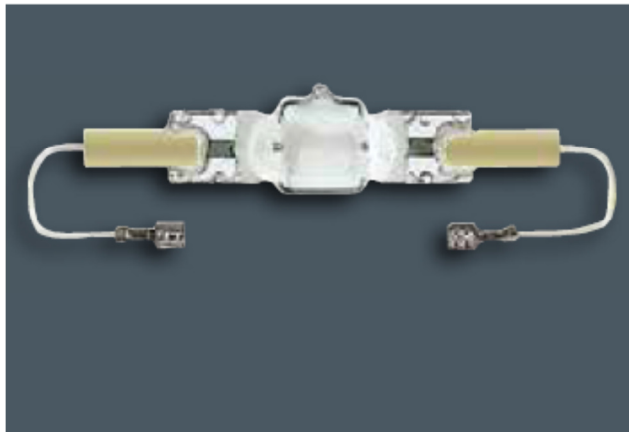
Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Part #	Power (W)	Voltage (V)	Lamp Current (A)	Length (mm)	Diameter (mm)	Cap Base	UVA Radiation 100hrs IEC (w)	Useful Life (hrs)
TLK 40W/10R	40	50	0.86	604	40.5	G13	7.4	2000
TL 60W/10R	62	102	0.7	1204	40.5	G13	15.8	1000
TL 80W/10R	80	110	0.83	1504	40.5	G13	20.5	1000
TL 100W/10R	100	122	0.97	1770	40.5	G13	26.6	1000
TL 140W/03	140	118	1.46	1507	40.5	G13	1.0	3000

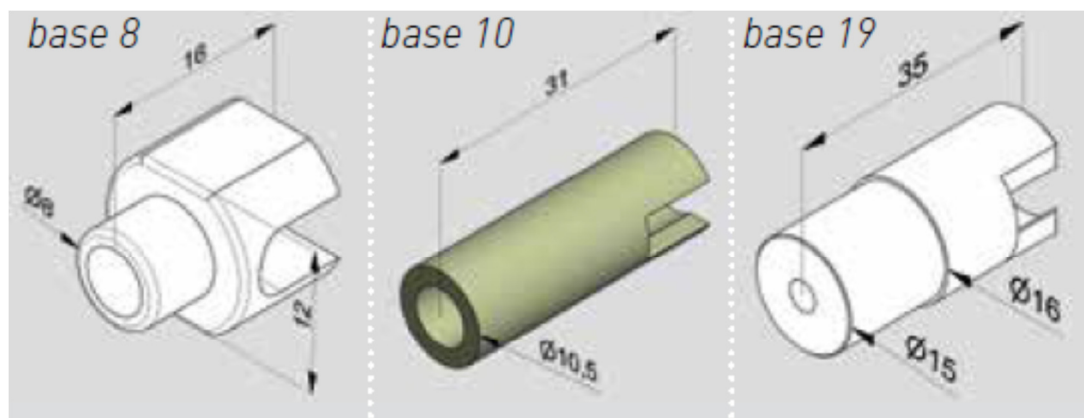


HPA Lamps

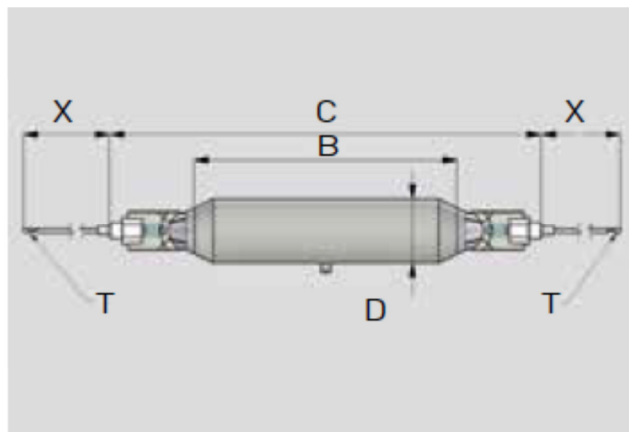
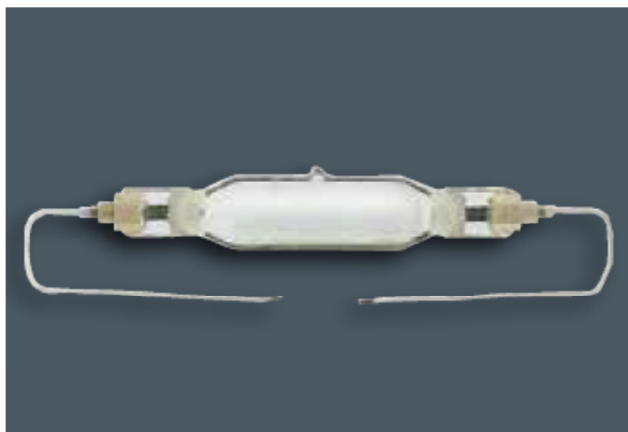


Type #	Watt W	Volt V	Lamp Current A	UV-A (*) irrad. at 0h $\mu\text{W}/\text{cm}^2$	Arc length mm (B)	Total length mm (C)	Bulb diameter mm (D)	Base	Cables +/- 5 mm (X)	Terminal (T)
HPA 1000/20R	1,100	120	10.5	1,780	21	129	30	10	100/100	straight faston
HPA 1200	1,200	125	10.5	2,240	83	147	30	8	195/195	stripped end
HPA 1001R	1,150	130	10.0	2,000	26	137	25	10	110/110	straight faston
HPA 2020S	2,000	240	8.7	515	83	185	28	10	350/350	stripped end

(*) UV irradiation measured perpendicular to lamp axis at 1 m distance with a relative spectral sensitivity according to IEC. UV-A is the wavelength range between 315-400 nm.

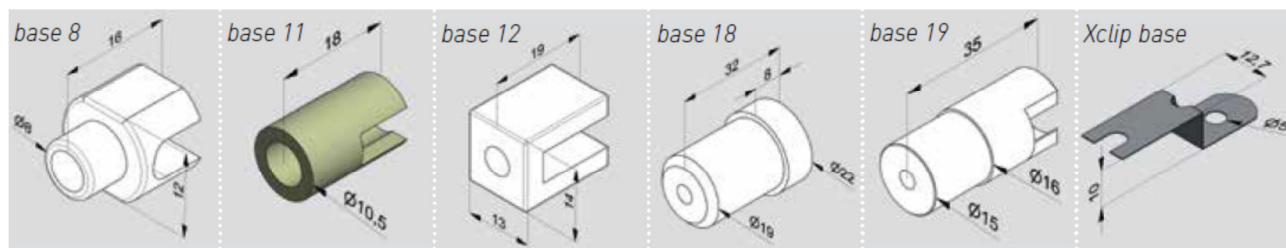


HPM Lamps



Type #	Watt W	Volt V	Lamp Cur- rent A	Diazo (*) irrad. at 0h $\mu\text{W}/\text{cm}^2$	Arc length mm (B)	Total length mm (C)	Bulb diameter mm (D)	Base	Cables +/-5 mm (X)	Terminal (T)
HPM 15	1,950	245	9.0	4,100	131	203	33	8	295/295	stripped end
HPM 16	2,000	245	8.7	4,600	113	220	30	X-CLIP	-	-
HPM 17	2,000	243	8.7	4,600	113	175	30	8	320/320	stripped end
HPM 15	1,950	245	9.0	4,100	131	203	33	8	320/320	stripped end
HPM 12	460	120	4.1	800	44	98	22	8	315/315	stripped end
HPM 13	1,000	125	8.6	2,000	83	147	30	8	145/145	stripped end
HPM 25/C	5,000	245	23.0	12,000	186	276	30	12	190/190	stripped end
HPM 4010 (HPM30)	4,000	310	13.5	10,500	117	204	33	11	190/190	stripped end
HPM 4020	4,000	400	11.5	11,500	162	249	30	11	120/120	straight faston
HPM 3000	3,350	400	9.0	9,000	105	191	30	11	125/125	straight faston

(*) UV irradiation measured perpendicular to lamp axis at 1 m distance with a relative spectral sensitivity according to IEC. Diazo is the wavelength range between 320-440 nm.



Due to vast variety of lamps and light source use , we are unable to list out all that is related.

However, if there are any lamps that are not found in this catalogue, please feel free to contact us.

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Provide us any of the followings, we **WILL** find the lamps for you.

- **PICTURE WITH DIMENSION**
- **LAMP WATTAGE & VOLTAGE**
- **EQUIPMENT'S MADE & MODEL**

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