PHILIPS

Lighting

Flexo print TL – high efficiency in reprographics and photopolymerization

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 reprograhic 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.
- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: www.lamprecycle.org or 1-800-555-0050

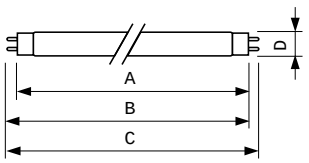
Versions

UVA (PUVA) TL-K

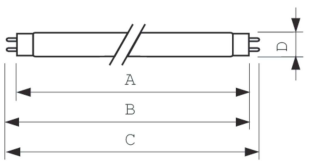
TL G13

TL G13

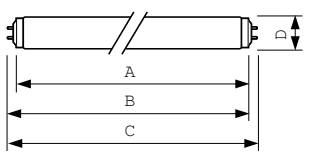
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL 80W/10-R SLV/25	1-5/8 in	59-1/16 in	59-3/8 in	59-1/4 in	59-5/8 in
TL 100W/10-R UV-A	1-5/8 in	69-1/2 in	69-3/4 in	69-5/8 in	70 in
TL 60W/10-R SLV/25	1-5/8 in	47-1/4 in	47-1/2 in	47-7/16 in	47-13/16 in



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL 140W/03	1-5/8 in	59-1/16 in	59-3/8 in	59-1/4 in	59-5/8 in



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-K 40W UVA-1	1-5/8 in	23-1/4 in	23-1/2 in	23-7/16 in	23-13/16 in

Flexo Print

General information	
Cap-Base	G13
Main Application	Reprography (R)

Mechanical and housing	
Bulb Shape	T12

Operating and electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Nom)
246751	TLK 40W/10R 25PK	0.86 A	50 V	40.5 W
268854	TL 80W /10-R	0.83 A	110 V	80 W
246942	TL 100W/10R 25PK	0.97 A	122 V	100 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Nom)
261693	TL 60W/10R	0.7 A	102 V	62 W
308080	TL140W/03 123V 25PK	1.46 A	118 V	140 W

General information

Order Code	Full Product Name	Life To 50% Failures (Nom)	Useful Life (Nom)
246751	TLK 40W/10R 25PK	2000 h	2000 h
268854	TL 80W /10-R	1000 h	1000 h
246942	TL 100W/10R 25PK	2000 h	1000 h

Order Code	Full Product Name	Life To 50% Failures (Nom)	Useful Life (Nom)
261693	TL 60W/10R	2000 h	1000 h
308080	TL140W/03 123V 25PK	3000 h	-

Light technical

Order Code	Full Product Name	Color Code	Color Designation
246751	TLK 40W/10R 25PK	10-R	Ultra Violet A
268854	TL 80W /10-R	10-R	Ultra Violet A
246942	TL 100W/10R 25PK	10-R	Ultra Violet A

Order Code	Full Product Name	Color Code	Color Designation
261693	TL 60W/10R	10-R	Ultra Violet A
308080	TL140W/03 123V 25PK	03	Super Actinic

UV

Order Code	Full Product Name	UV-A Radiation 100Hr (IEC)	UV-A Radiation 0Hr (IEC)	UV-B/UV-A (IEC)
246751	TLK 40W/10R 25PK	7.4 W	8.0 W	0.1 %
268854	TL 80W /10-R	20.5 W	-	0.1 %
246942	TL 100W/10R 25PK	26.0 W	28.0 W	0.1 %

Order Code	Full Product Name	UV-A Radiation 100Hr (IEC)	UV-A Radiation 0Hr (IEC)	UV-B/UV-A (IEC)
261693	TL 60W/10R	15.8 W	-	0.1 %
308080	TL140W/03 123V 25PK	1.00 W	-	-

Approval and application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
246751	TLK 40W/10R 25PK	-
268854	TL 80W /10-R	13.0 mg
246942	TL 100W/10R 25PK	13.0 mg

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
261693	TL 60W/10R	13.0 mg
308080	TL140W/03 123V 25PK	-