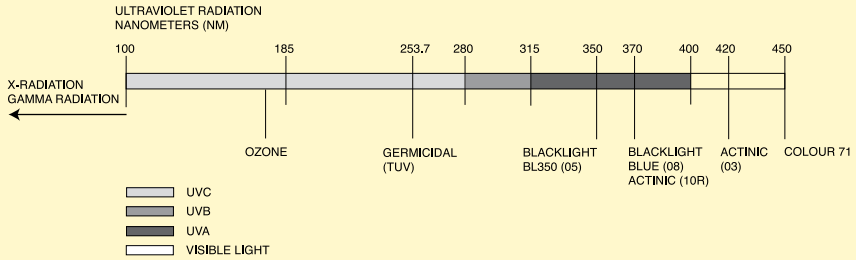


# ULTRAVIOLET

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## COMMON UV LIGHT COLOURS AND THEIR WAVELENGTHS (NM)



Order code	Length in. / ft.	Length mm	Diameter mm	Cap	Watts
<b>BLACKLIGHT BLUE - FLUORESCENT</b>					

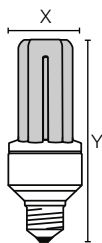
Blacklight Blue lamps are purple in appearance. The tube is made from woods glass, they are used in the detection of false bank notes, non destructive testing, theatre effects and discotheques.



F4T5BLB	6"	150	16	G5	4W
F6T5BLB	9"	225	16	G5	6W
F8T5BLB	12"	300	16	G5	8W
F10T8BLB	13"	330	26	G13	10W
F13T5BLB	21"	525	16	G5	13W
F15T8BLB	18"	450	26	G13	15W
F18T8BLB	2'	600	26	G13	18W
F20T12BLB	2'	600	38	G13	20W
F30T8BLB	3'	900	26	G13	30W
F36T8BLB	4'	1200	26	G13	36W
F40T12BLB	4'	1200	38	G13	40W
F58T8BLB	5'	1500	26	G13	58W



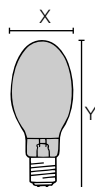
Order code	Watts	Cap	X mm	Y mm
<b>BLACKLIGHT BLUE - COMPACT FLUORESCENT PLS 2 PIN</b>				
PLS9BLB	9W	G23	32	165
PLS11BLB	11W	G23	32	233



Order code	Watts	Cap	X mm	Y mm
<b>BLACKLIGHT BLUE - MAINS VOLTAGE COMPACT FLUORESCENT</b>				
PLCE11BCBLB	11W	BC/B22D	38	140
PLCE11ESBLB	11W	ES/E27	38	140
PLTE25BCBLB	25W	BC/B22D	48	170
PLTE25ESBLB	25W	ES/E27	48	170

Order code	Watts	Cap	X mm	Y mm
<b>BLACKLIGHT BLUE - DISCHARGE</b>				

MLW types are self ballasted and operate directly from the mains.  
HPW types operate from a mercury ballast but do not require an ignitor.



HPW125	125W	ES/E27	75	170
MLW160BC	160W	BC/B22D	76	170
MLW160ES	160W	ES/E27	76	170
HPW250	250W	GES/E40	90	227
HPW400	400W	GES/E40	120	292

UV



Order code	Watts	Cap	Diameter mm	Length mm	Fig.
<b>BLACKLIGHT BLUE - INCANDESCENT</b>					
25T10BLB	25W	ES/E27	32	147	1
75ESBLB	75W	ES/E27	60	105	2
75BCBLB	75W	BC/B22D	60	105	2

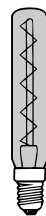


Fig. 1



Fig. 2

Order code	Length in. / ft.	Length mm	Diameter mm	Cap	Watts
<b>BLACKLIGHT BL350 - FLUORESCENT</b>					

Blacklight BL350 are white in appearance. They emit radiation between 300-460NM. Their main applications are for use in insect traps and photochemical processing.

F4T5BL350	6"	150	16	G5	4W
F6T5BL350	9"	225	16	G5	6W
F11T5BL350	9"	225	16	G5	11W
F8T5BL350	12"	300	16	G5	8W
F12T5BL350	12"	300	16	G5	12W
F15T5BL350	12"	300	16	G5	15W
F10T8BL350	13"	330	26	G13	10W
F25T12BL350	15"	381	38	G13	25W
F15T8BL350	18"	450	26	G13	15W
F25T8BL350	18"	450	26	G13	25W
TLDK30-05	18"	450	26	G13	30W
F32T12BL350	18"	450	38	G13	32W
F20T12BL350	2'	600	38	G13	20W
F40-2T12BL350	2'	600	38	G13	40W
F30T8BL350	3'	900	26	G13	30W
F40T12BL350	4'	1200	38	G13	40W
TL80-05	5'	1500	38	G13	65-80W
FC22BL350	8"	203	29	G10q	22W



Order code	Length in. / ft.	Length mm	Diameter mm	Cap	Watts	Fig.
<b>BLACKLIGHT BL350 - SHATTERPROOF FLUORESCENT</b>						

Fluorescent tubes with a Polyethylene Phthalate Resin (PET) coating which will hold glass fragments in the event of a breakage. Ideal for use in food preparation areas.

F8T5BL350S	12"	300	16	G5	8W	1
F15T8BL350S	18"	450	26	G13	15W	1
FC22BL350S	8"	203	29	G10q	22W	2



Fig. 1

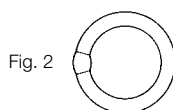
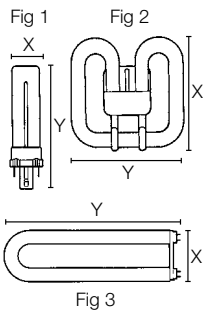
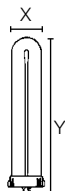


Fig. 2



Order code	Watts	Cap	X mm	Y mm	Fig.
<b>BLACKLIGHT BL350 - COMPACT FLUORESCENT</b>					
PLS9BL350	9W	G23	32	165	1
PLS9-4P-BL350	9W	2G7	32	145	1
PLS11BL350	11W	G23	32	233	1
PLL18BL350	18W	2G11	44	225	1
F20UT8BL350	20W	G13	120	265	3
2D28-4P-BL350	28W	GR10	205	205	2

Order code	Watts	Cap	X mm	Y mm	Manufacturer's code
<b>BLACKLIGHT BL350 - TIGHT U BEND</b>					
FUL6	6-10W	4 PIN	45	143	I611A
FUL15	15W	4 PIN	56	187	I612
FUL25	25W	4 PIN	56	236	I800
FUL30	30W	4 PIN	56	240	I801
FUL40	40W	4 PIN	57	296	I810



Order code	Watts	Cap	X mm	Y mm
<b>BLACKLIGHT BL350 - TIGHT U BEND SHATTERPROOF</b>				
FUL6S	6-10W	4 PIN	45	143
FUL15S	15W	4 PIN	56	187
FUL25S	25W	4 PIN	56	236



Order code	Watts	Cap	X mm	Y mm	Manufacturer's code
<b>OSRAM DULUX COLOUR 71</b>					

Used to cure bilirubin/jaundice in babies

PLS9-71	9W	G23	32	165	DULUX S 9W 71
PLL18-71	18W	2G11	44	225	DULUX L 18W 71



Order code	Length in. / ft.	Length mm	Diameter mm	Cap	Watts	Manufacturer's code
<b>PHILIPS ACTINIC 03</b>						

Colour 03 lamps radiate between 380 and 480NM. Their main applications are for growing coral, and diazo printing.

F15T8-03	18"	450	26	G13	15W	TLD15W/03
F20T12-03RS	2'	600	38	G13	20W	TL20W/03 RS
F20T12-03	2'	600	38	G13	20W	MCFE20W/03
F30T8-03	3'	900	26	G13	30W	TLD30W/03
TLDK30-03	18"	450	26	G13	30W	TLDK30W/03



UV

01494 880099



Order code	Length ft.	Length mm	Diameter mm	Cap	Watts	Manufacturer's code
<b>PHILIPS ACTINIC 03 - continued</b>						
F40-2T12-03	2'	600	38	G13	40W	TLK40W/03
F40T12-03	4'	1200	38	G13	40W	TL40W/03 RS
F140T12-03	5'	1500	38	G13	140W	TL140W/03

Order code	Length in. / ft.	Length mm	Diameter mm	Cap	Watts
<b>PHILIPS ACTINIC 10R</b>					

Actinic 10R radiates between 350 and 390NM. They were originally manufactured for suntanning but are now also used for photopolymerisation.

TLK40-10R	2'	600	38	G13	40W
TL60W-10R	4'	1200	38	G13	60W
TL80W-10R	5'	1500	38	G13	80W
TL100W-10R	6'	1800	38	G13	100W
PLS9-10	4"	165	32	G23	9W

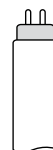


Order code	Length in. / ft.	Length mm	Diameter mm	Cap	Watts	Manufacturer's code
<b>GERMICIDAL - LINEAR FLUORESCENT</b>						

CAUTION - Radiation of germicidal lamps is harmful to the eyes and skin. Direct exposure should be avoided.

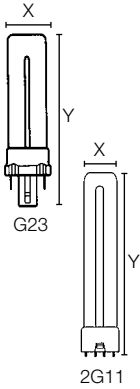
Germicidal lamps radiate at 253.7NM. Their shortwave UVC radiation has the ability to kill micro organisms. They are used in applications that require pure water such as pond sterilizers, labwater, and water dispensers.

G4T5	6"	150	16	G5	4W	G4T5
G6T5	9"	225	16	G5	6W	G6T5
G11T5	9"	225	16	G5	11W	G11T5
G8T5	12"	300	16	G5	8W	G8T5
G16T5	12"	300	16	G5	16W	G16T5
G10T8	13"	330	26	G13	10W	G10T8
G15T8	18"	450	26	G13	15W	G15T8
G25T8	18"	450	26	G13	25W	G25T8
G20T10	2'	600	32	G13	20W	G20T10
G30T8	3'	900	26	G13	30W	G30T8
G55T8	3'	900	26	G13	55W	TUV55HO
G36T8	4'	1200	26	G13	36W	TUV36
G40T10	4'	1200	32	G13	40W	G40T10
G75T8	4'	1200	26	G13	75W	TUV75HO
TUV115-VHO	4'	1200	38	G13	115W	TUV115VHO
TUV115R-VHO	4'	1200	38	G13	115W	TUV115VHO-R
G58T8	5'	1500	26	G13	58W	G58T8



**ULTRAVIOLET**

Order code	Watts	Cap	X mm	Y mm
<b>GERMICIDAL - COMPACT FLUORESCENT</b>				

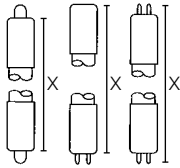


CAUTION - Radiation of germicidal lamps is harmful to the eyes and skin. Direct exposure should be avoided.

PLS5TUV	5W	G23	32	105
PLS9TUV	9W	G23	32	165
PLS11TUV	11W	G23	32	233
PLS13TUV	13W	G23	32	178
PLL18TUV	18W	2G11	44	225
PLL24TUV	24W	2G11	44	320
PLL36TUV	36W	2G11	44	415
PLL55TUV	55W	2G11	44	533
TUV6ES	6W	ES/E27	28	157

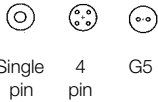
Order code	X mm	Watts	Cap	Manufacturer's code	Output
<b>GERMICIDAL - AMERICAN LINEAR</b>					

CAUTION - Radiation of germicidal lamps is harmful to the eyes and skin. Direct exposure should be avoided.



GPH lamps are manufactured to American specifications to offer replacement germicidal lamps for equipment that is imported from the USA.

UVC Lamps radiate at 253.7NM and are used for water sterilization.  
Ozone lamps radiate at 185NM and are used for air sterilization.



"L" in our order code indicates low ozone. Lamps are manufactured using a specially doped fused quartz that radiates at 253.7NM.

"VH" in our order code indicates lamps that emit both UVC and Ozone. Lamps are manufactured using clear fused quartz that will transmit at both 185NM and 254NM.

GPH212T5L-4P	212	10W	4 PIN	GPH212T5L-4P	UVC
GPH220L-4P	220	11W	4 PIN	G11T5/4P/SE	UVC
GPH287T5L	287	14W	G5	GPH287T5L	UVC
GPH287T5VH	287	14W	G5	GPH287T5VH	OZONE
GPH287T5L-4P	287	14W	4 PIN	GPH287T5L-4P	UVC
GPH287T5VH-4P	287	14W	4 PIN	GPH287T5VH-4P	OZONE
GPH320T5L-4P	320	16W	4 PIN	G16T5/4P/SE	UVC
GPH356T5VH	356	18.5W	G5	GPH356T5VH	OZONE
G36T5L	842	39W	SINGLE PIN	G36T5L/TUV 36W T5	UVC
GPH843T5L-4P	845	39W	4 PIN	G39T5/4P/SE	UVC
GPH436T5L-4P	436	40W	4 PIN	GPH436T5L-4P	UVC
G64T5L	1553	65W	SINGLE PIN	G64T5L/TUV 64W T5	UVC
GPH15535L-4P	1553	65W	4 PIN	G65T5/4P/SE	UVC

UV



<i>Order code</i>	<i>Watts</i>	<i>Cap</i>	<i>Length mm</i>	<i>Diameter mm</i>	<i>Manufacturer's code</i>
<b>ULTRA VIOLET - DISCHARGE</b>					
MBU50	50W	ES/E27	55	130	MBU50/HQA50
H44GS-MDSK	100W	MED SKIRT E27	120	135	H44GS100 MDSK
H44GS-ADMED	100W	ADMED E30	120	135	H44GS100 AD
250MBU	250W	GES/E40	48	257	MBU250
UV300	300W	ES/E27	127	185	ULTRA VITALUX/MLU300
400MBU	400W	GES/E40	48	257	MBU400