

SL Series SEALED FLUORESCENT LINEAR



SL Series Sealed Fluorescent Linear

TechniQuip's SL Series Sealed Fluorescent Linear is designed for use in industrial environments where particulate, debris and spray down is a concern. All of the lamp assemblies, as well as the in-line 85 kHz drivers, are completely sealed to meet NEMA 4, 12 and 13 (IP65) specifications. High frequency driver options offer exceptional, flicker-free illumination for applications including machine vision, packaging, food and beverage processing, and industrial inspection.

The Sealed Linear lamp fixtures are available in twin 4 Watt, 6 Watt, 8 Watt and 13 Watt configurations. The extruded aluminum housing is designed with an integrated T-slot for easy mounting to a variety of applications. Lamp options include a variety of white color temperatures and wavelength specific colors. These lamp assemblies can accept a number of standard window options including diffusers, UV windows, polarizers and filters to meet specific application requirements.

The driver options include a plug-In 25 kHz, an In-line 25 kHz, and an in-line universal input 85 kHz driver with fixed or variable intensity control. The 85 kHz sealed driver is supplied with a quick disconnect cable, which allows for flexible mounting configurations to suit most requirements. All In-line style driver enclosures incorporate a standard T-slot design for easy mounting.

Key Features

- ▶ Interchangeable configurations for lamp assemblies and drivers
- ▶ 7,000 hours of lamp life
- ▶ High frequency drivers for flicker-free illumination (25kHz or 85 kHz)
- ▶ Sealed housing meets NEMA 4, 12 and 13 specifications (IP65)
- ▶ Easy mounting
- ▶ Optional wavelengths and various white color temperatures available
- ▶ Optional window materials available

TECHNICAL SPECIFICATIONS: SL SERIES

LAMP ASSEMBLY		LAMP TYPE			
		SLT04	SLT06	SLT08	SLT13
Lamp type		(2) F4T5	(2) F4T5	(2) F4T5	(2) F4T5
Lamp length (norminal)		6" (152.4mm)	9"(228.6mm)	12" (304.8mm)	21" (533.4mm)
Lamp output		8Watt	12Watt	16Watt	26Watt
Color temperature		5100K (deluxe Daylight)*			
Lamp life		7,000 hours			
Operating temperature		32 to 150°F (o to 65°C)			
Humidity range		0 to 80% ; non-condensing			
Enclosure rating		NEMA 4, 12 Et 13 or IP65			
Agency Approvals		CE marked			
Standard lamp provided unless otherwise specified					

LAMP OUTPUT

Working Distance	SLT04	SLT06	SLT08	SLT13
3" (76.2mm)	1390 fc	1695 fc	845 fc	1974 fc
6" (152.4mm)	387fc	697 fc	796 fc	985 fc
9" (228.6mm)	180 fc	330 fc	418 fc	607 fc
12" (304.8mm)	103 fc	212 fc	250 fc	388 fc

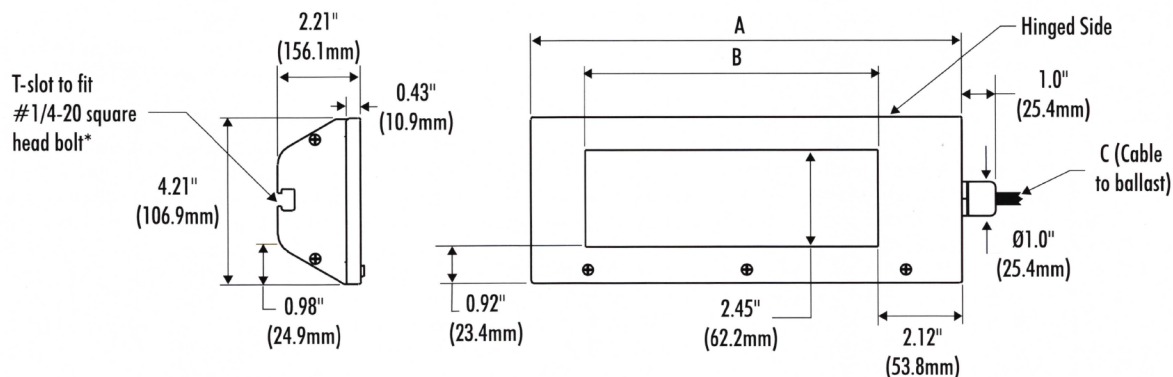
Note: Output assumes standard clear diffuse window

BALLAST TYPE

	Plug-In	In-Line	Universal Fixed Intensity	Universal Fixed Intensity
Ballast style	P Style	D Style	S3 Style	S4 Style
Input voltage	110 VAC	110 VAC or 220 VAC	110-220 VAC	110 - 220 VAC
Input frequency	60 Hz	50 or 60 Hz	50-60 Hz	50-60 Hz
Operating frequency	25 kHz	25 kHz	85 kHz	85 kHz
Enclosure rating	-	-	NEMA 4, 12 Et 13 or IP65	NEMA 4, 12 Et 13 or IP65

TechniQuip: A proud tradition of sales and service for more than 40 years.

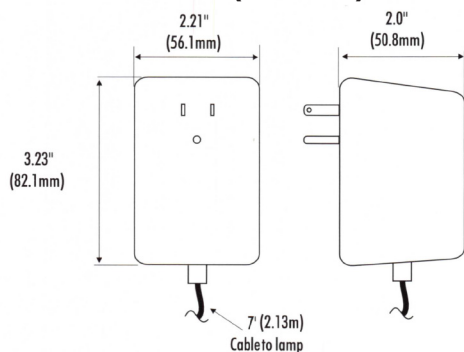
LAMP ASSEMBLY DIMENSIONS



Ballast type	C (cable length)
Plug-in	7' (2.13m)
In-line	7' (2.13m)
Universal	6' (1.83m)

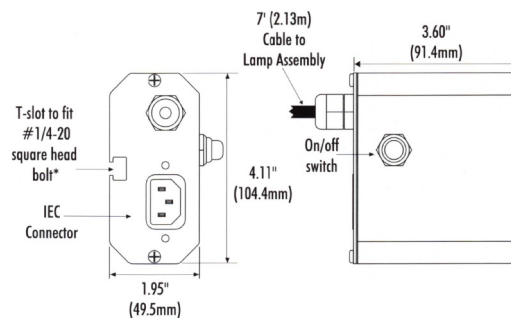
	LAMP TYPE			
	SLT04	SLT06	SLT08	SLT13
A	7.84" (19.9cm)	10.84" (27.5cm)	13.84" (35.2cm)	22.84" (58cm)
B	4.38" (11.1cm)	7.38" (18.7cm)	10.38" (26.4cm)	19.38" (49.2cm)

PLUG-IN BALLAST (25 kHz)



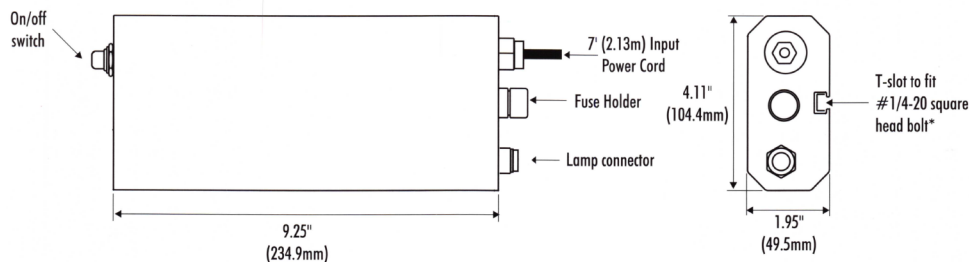
Note: Only available as 110 VAC

IN-LINE BALLAST (25 kHz)

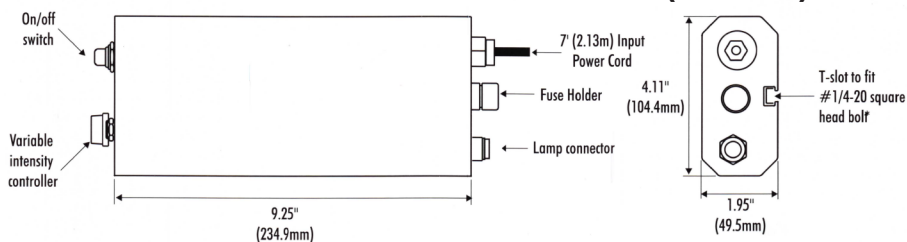


Note: 8ft (2.44m) IEC cable supplied with each unit; various plug options available

UNIVERSAL FIXED INTENSITY BALLAST (85 KHZ)



UNIVERSAL VARIABLE INTENSITY BALLAST (85 KHZ)



LAMP OPTIONS

Description	PART NUMBERS			
	SLT04	SLT06	SLT08	SLT13
White 4200K (cool white)	13231	13232	13233	13234
White 5100K (deluxe daylight)*	13271	13272	13273	13274
Black Light Blue, UV (peak wavelength, 365nm)**	13254	13256	13258	13260
Blue (peak wavelength, 450nm)	13214	13216	13218	13220
Green (peak wavelength, 544nm)	13224	13226	13228	13222
Yellow (peak wavelength, 585nm)	13304	13306	13308	13313
Red (peak wavelength, 658nm)	13294	13296	13298	13300

* Standard lamp provided unless otherwise specified

** Must be used with UV window

WINDOW OPTIONS

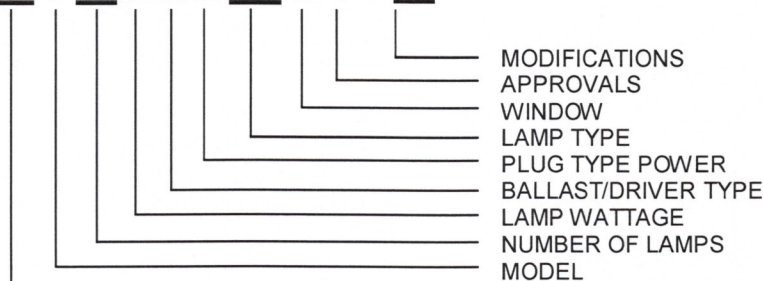
Description	Application	PART NUMBERS			
		SLT04	SLT06	SLT08	SLT13
Clear window	Used for high output flood lighting	11080741	11080761	11080781	11080791
Clear diffuse*	Used for diffuse area lighting	11080742	11080762	11080782	11080792
50/50 diffuse	Used for backlighting or highly diffuse front lighting	11080744	11080764	11080784	11080794
UV window	Used for black light applications where UV transmission is required.	11080743	11080763	11080783	11080793

*Standard window provided unless otherwise specified

Note: All window options are made of an acrylic material

Sealed Linear Fluorescent Part Matrix (SL Series)

SL T 04 D 2 B DD D C - XX



MODEL:	SL	SEALED LINEAR	
NUMBER OF LAMPS:	T	TWIN LAMPS (2x T5 lamps)	
LAMP WATTAGE:	04	4 WATT	06 - 6 WATT
	08	8 WATT	13 - 13 WATT
BALLAST/ DRIVER:	P	PLUG-IN, 25kHz (Power Option 1 Only)	
	D	DIRECT/IN-LINE, 25kHz (Power Option 1 or 2 Only)	
	S	SEALED, IN-LINE, 85 kHz (Power Options 3 & 4 Only) (consult factory for S option with the 26 or 35 Watt options.)	
POWER :	1	115 VAC, 60 HZ	
	2	220 VAC, 50 HZ	
	3	Universal Input, 85kHz with Fixed Intensity (90–264VAC, 50/60 Hz)	
	4	Universal Input, 85kHz with Variable Intensity (90–264VAC, 50/60 Hz)	
PLUG TYPE :	B	EURO/SHUKO	C AUSTRALIA
	D	UNITED KINGDOM	E DENMARK
	F	FRANCE/BELGIUM	G INDIA
	H	ISRAEL	I ITALY
	K	NORTH AMERICA	L SWITZERLAND
	X	NO PLUG	
LAMP TYPE:	DD	DELUXE DAYLIGHT, 5100K (std.)	GR GREEN (544nm)
	CW	COOL WHITE, 4200K	BL BLUE (450nm)
	RD	RED (658nm)	BB BLACK LIGHT BLUE ,UV (365nm)
	YL	YELLOW (585nm)	(BB requires Window option Q)
WINDOW:	C	CLEAR (high output)	Q UV Window (reqd. for UV appls, lamp type BB)
	D	DIFFUSE (Standard)	T 50/50 (backlight applications)
APPROVALS:	C	CE (all 85kHz & 220VAC-25kHz)	X No CE Mark (all 110VAC units)
MODIFICATIONS:		To Be Determined	