



## Photometric Data

LTL#: 9704

CAT#: SV 254 UV 2PS E 84I

### Zonal Lumen Summary

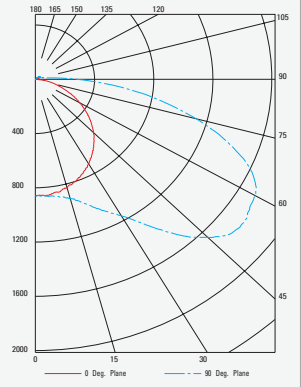
ZONE	LUMENS	%LAMP	%FIXT
0-30	879	10.0	13.0
0-40	1603	18.2	23.6
0-60	3803	43.3	56.2
0-90	6522	74.1	96.2
90-120	218	2.5	3.2
90-130	242	2.7	3.6
90-150	255	2.9	3.8
90-180	255	2.9	3.8
0-180	6777	77.0	100.0

Total Luminaire Efficiency: 77.0%

CIE Type: Direct

Plane: 0-Deg 90-Deg

Spacing Criteria: 1.2 2.5



## SV SERIES

### General area light distribution lensed fluorescent Vaportight

A highly durable gasketed vaportight fixture designed to maximize light distribution and withstand the harshest of conditions. The SV can be produced with various reflector systems. Additionally, the SV is perfect for straight downlighting, but can be outfitted with custom reflectors to be an extremely energy efficient fixture for asymmetrical and splitlighting throw patterns.

Applications include: parking garages, tunnels, carwashes, subways and washbays.

#### Light Distribution

The impact resistant, crepe finish lens allows for even light distribution.

#### Mounting Methods

SV fixtures are available with durable stainless steel mounting hardware. This mounting option allows the fixture to be hung without holes being drilled through the housing, thus maintaining the fixture's IP ratings and integrity.

#### Product Construction

The SV's housing is constructed of a fiberglass upper body and an acrylic, crepe pattern diffuser securely positioned in a permanent poured in place sealed gasket. The diffuser and upper components are locked into place by retaining latches, assuring a secure, tight seal.

#### Optical Reflector

The optional reflector system is precision brake formed of the selected aluminum material. The one piece reflector is removable without the use of tools.

#### Lampholders

Made of a Polycarbonate material; these locking-style lampholders are utilized to ensure positive lamp retention. Additionally, the material contributes to a longer life product in high temperature applications.

#### Lens

The standard lens is Impact Resistant DR Acrylic. Optional lenses are available, see ordering information.

#### Ballasts

All ballasts are electronic programmed-start (T5HO) or instant-start (T8) as a standard. Optional ballasts are available, consult factory for available systems and system specifications. Available voltages: 120v, 277v, 347v, voltage sensing 120-277v and 347-480v.

#### Listings

All fixtures are UL and CUL listed, IP65 and/or IP67.

Please specify when ordering

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options
SV											

### Fixture ordering guide

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options*3
SV	BLANK	1	17	12	1	HI	E	SM	C ( )	BLANK	HP
SVT*1	DRH	2	24	27	2	LI	W		6T1	830	A
	PC	3	32	34	3	SI	B		6T2	835	TG*4
		4	54	UV		SI+			E ( )	841	SS*4
				HV		PS			F	850	ES ( )
						PSL			OS ( )		
						PSH			SDT		
						PD			TPL		
						SDH			SSL		
									IP67		
									PC		
									PLA*2		

\*1 SVT is an 8ft Tandem fixture, # of lamps are for the profile of the fixture.

\*2 PLA Option available in SV & SVT fixtures with 3 or 4 lamp profile.

\*3 Consult factory for manufacturing specific ordering codes/availability.

\*4 Use in lensed fixtures is limited. Contact factory for specific application details.

### Available fixture selections

Lens Selections	Lamp Type Selections	Ballast Selections	Options Selections	Lamp Color Selections
BLANK DR Ribbed Acrylic DRH Acrylic High Impact PC Polycarbonate	17 F17T8 System 24 F24T5HO System 32 F32T8 System 54 F54T5HO System	HI High Ballast Factor (HBF) Electronic* LI Low Ballast Factor (LBF) Electronic* SI Standard Ballast Factor (NBF) Electronic* SI+ I.OBF Electronic* PS Programmed Start (NBF) PSL Programmed Start LBF* PSH Programmed Start HBF** PD Programmed Start Dimming SDH Step Dimming HBF (100% to 60% Dimming)*	C ( ) Single Circuit Cord (Specify Length) 6T1 6' Cord with L5-I5 Locking End 6T2 6' Cord with L7-I5 Locking End E ( ) Emergency Pack (# Lumens) F Inline Fuse OS ( ) Occupancy Sensor (Specify Lamps on Low/Lamps on High) SDT Step Down Transformer (480V to 277V) TPL Tamperproof Latches SSL Stainless Steel Latches IP67 IP67 Rated Enclosure PC Photocell PLA Peaked Lamp Array	BLANK Lamps Not Included 830 80+ CRI, 3000K 835 80+ CRI, 3500K 841 80+ CRI, 4100K 850 80+ CRI, 5000K
Voltage Selections	Reflector Selections		Lamp Options Selections	
12 120V 27 277V 34 347V UV 120-277V HV 347-480V	E Enhanced Aluminum W Highly Reflective White Aluminum B 95% Reflective Extreme White Aluminum	* T8 Only	HP High Performance, Long Life Lamps* A Amalgam Tip Lamps** TG Tubeguarded Lamps SS Shattershielded Lamps ES ( ) Energy Saver (Specify Wattage)	
	Hanging Selections			
	SM Stainless Spring Mount Bracket			

### Common fixture selections

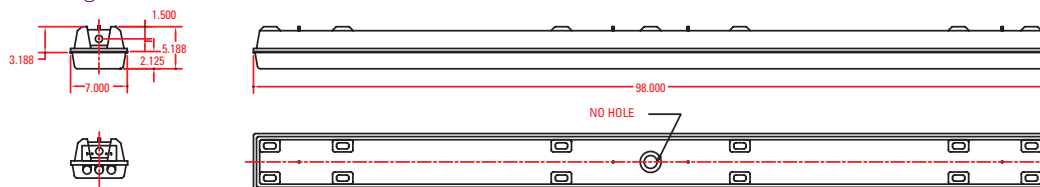
Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
SV 132 UV 1LI W	T8	1	25w / 25w	2,387	2,310
SV 154 UV 1PS E	T5HO	1	71w / 71w	5,600	5,320
SVT 132 UV 1SI W	T8	2	54w / 53w	5,394	5,220
SVT 254 UV 1PS E	T5HO	4	232w / 226w	20,000	19,000

\*Wattages may vary depending on the ballast manufacturer and lamp type used.

Initial and mean system lumens are the initial/mean lumen output of the lamp/ballast system as rated by lamp and ballast manufacturer and may vary from manufacturer to manufacturer.

Specifications and dimensions subject to change without notice. Contact Philips Optimum for current availability and ordering information

### Dimensional drawing



Fixture Type: \_\_\_\_\_

Catalog #: \_\_\_\_\_ Quantity: \_\_\_\_\_

Project: \_\_\_\_\_