



SVC SERIES

General area light distribution cold storage lensed fluorescent Vaportight

A highly durable gasketed vaportight fixture designed to maximize light distribution and withstand the harshest of conditions.

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

Light Distribution

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

Heat Retention

The fixture housing and reflector are customized to manipulate heat retention within the fixture, and provide interior fixture conditions conducive to maximum lumen output for each given application temperature.

Mounting Methods

SVC 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 SVC'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 system (optional) 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.

Lamps

Philips Optimum recommends the use of Amalgam Tip or Arctic lamps, which tolerate a much broader range of ambient temperature extremes with minimal impact on lumen output, in reduced temperature environments.

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	Temperature	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options
SVC												

Fixture ordering guide

Fixture Series	Temperature*2	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options*5
SVC	Specify	BLANK	1	17	12	1	HI	E	BLANK	C ()	BLANK	HP
SVCT*1		DRH	2	24	27	2	LI	W	V	6T1	830	A*6
		PC	3	32	34	3	SI	B	QC	6T2	835	TG*7
			4*3	54	UV		SI+		QC ()	E ()	841	SS*7
			5*3		HV		PS		SM	F	850	ES ()
							PSL			OS ()		
							PSH			SDT		
							PD			TPL		
							SDH			SSL		
										IP67		
										PC		
										PLA*4		

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

*2 Advise Philips Optimum of temperature of application where SVC will be installed, so Philips Optimum can make recommendations to protect fixture against overheating and/or associated light loss & lamp/ballast failure.

*3 Due to heat buildup, 4 & 5 lamp options only available in reduced temperature environments.

*4 PLA Option available in SVC & SVCT fixtures with 3 or 4 lamp profile T8/T5HO profile or 5 lamp T5HO profile.

*5 Consult factory for manufacturing specific ordering codes/availability.

*6 Philips Optimum recommends the use of amalgam tip lamps in extreme temperature applications.

*7 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+ 1.0BF 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				* T8 Only ** T5HO Only

Common fixture selections

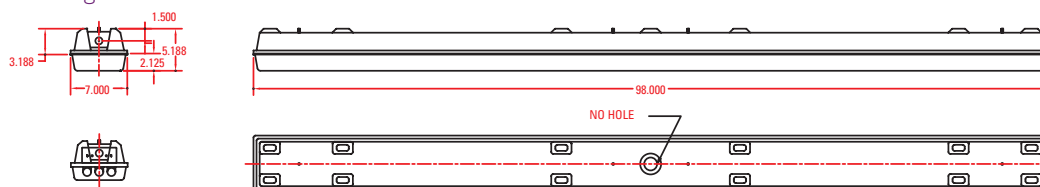
Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
SVC (0F) 354 UV IPS W	T5HO (Amalgam)	3	188w / 185w	14,847	14,105
SVC (-10F) DRE 454 UV IPS E	T5HO (Amalgam)	4	232w / 226w	19,600	18,620
SVCT (0F) 254 UV IPS E	T5HO (Amalgam)	4	232w / 226w	19,600	18,620
SVC (-15F) 554 UV 2PS E	T5HO (Amalgam)	5	304w / 300w	24,647	23,415

*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: _____