

**CFI** FLUORESCENT

**SV5** SERIES / T5 STRIP



**CANLYTE**

## SV5 Series

### Form Meets Function

The new SV5 Series offers improved application flexibility and greater opportunities than ever before. Its quality finish and pleasing aesthetics promote multi-application use and the T5 lamp technology delivers the appropriate lumen punch and colour rendering qualities necessary for retail applications.

### The Right Fixture for Your Needs

The SV5 Series now offers much needed versatility for pendant or surface applications. A unique design process ensures high-quality workmanship and long-lasting durability. In addition, its compact, streamlined design makes it a cost-effective fixture that provides exceptional lighting and takes up less space than comparative models.



### CFI Fluorescent... *Reliable Fluorescent Solutions*

Dependability is our promise. Specifiers tell us we deliver on it with every order. How? Our well-designed luminaires are built with the most modern technology, practically applied, so you don't have to worry. Our proven quality comes from a manufacturing and testing facility second to none, recently expanded and the only one in Canada dedicated to fluorescent lighting. We make sure our luminaires provide the latest in energy efficiency, visual comfort, controlled light distribution and all the features you need to meet your most challenging specifications. We are committed to producing the best fluorescent lighting luminaires you can find. *Reliable Fluorescent Solutions* from CFI Fluorescent. It's in our name. You can depend on it.

# New SV5 Series for Enhanced Opportunities

## Space-Saving Size

- Less than 4" in depth
- Streamlined compact appearance
- 50% less than equivalent T8 fixture

## Superior Performance

- Innovative design and lamp technology
- Greater spacing ratios, lumens and uniform light

## Multiple Shielding Options

- Sturdy, low-profile reflector
- Multi-application louver
- Streamlined lay-in lens



Designed for industrial spaces, the SV Series T5 Strip offers much needed versatility in a variety of applications including under shelf, cove or assembly line.

- Only 2" wide
- 22", 34", 46" and 92" lengths
- Utilizes compact, high efficiency T5 or T5HO lamps
- Optional hangers and wire guards
- Low profile design and durable construction

## SV5 Series Continuous Row Installations

The SV5 Series is perfect for areas that place a premium on low profile appearances to minimize obstruction to the eye in open area settings. Its ability to be continuous row mounted creates a streamlined form when implemented as a pendant system. Due to its smaller size, the SV5 Series is ideal for continuous row installations for lighting narrow aisles in retail or warehouse applications and all other areas where space is limited.



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# Flexible Lighting Solutions

## SV5 Series for Added Value

The SV5 Series is a fresh approach to illuminating a variety of applications and offers installation-friendly accessories to meet your lighting objectives. The SV5 Series' attention-to-detail improves how light is distributed in spaces. The result is a fixture that looks good and delivers light more effectively.

## Design-Friendly Reflector

To facilitate installation, the reflector is designed to be virtually assembly free and requires only two screws to secure it to the strip housing. Once installed, the SV5 creates a flawless and streamlined appearance—an enhancement over the standard straight blade reflector used with most industrial style fixtures.



Perforated Reflector



Slotted Reflector



Solid Reflector



## Louver Design with a Difference

Typically, the louver blade on many products is made of aluminum that requires considerable care during maintenance in order to avoid fingerprint smears. The new SV5 Series incorporates a post painted finish that is easy to clean and eliminates the potential for smudges from improper handling. The lay-in louver offers a smooth, low profile blade with a softly contoured radius designed to meet the lighting requirements of a wide variety of retail applications.



## Lens Design for Aesthetic Flexibility

The lay-in lens shielding offers two combinations of lens textures—linear ribbed opal and clear linear ribbed. So no matter what the choice, light emitted from the fixture is diffused along the entire length of the lens for a glare-free environment. The result is a quality visual environment that provides intelligent illumination characteristics for work stations and work areas, enhancing workplace productivity.

# SV5 Performance

## SV5 Series delivers

The SV5 Series' combination of innovative design and lamp technology allows the SV5 Series to deliver enhanced lighting performance.

## Spacing ratios, lumens and uniform light

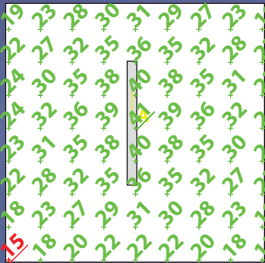
The performance of the SV5 yields the required performance in either task or retail applications. Whether the foot candles are required on the floor, wall or at task level, SV5 delivers. Two areas were analyzed to put the SV5 to the test.

**Work Cell Application:** Increases light level on the task area while providing shielding for users.



SV5 Test Model

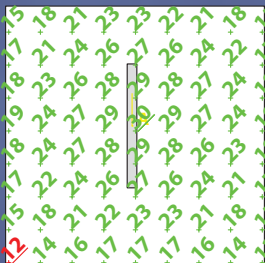
**Retail Application:** Offers aesthetically pleasing luminaire and visual comfort for customers.



### Details SV5

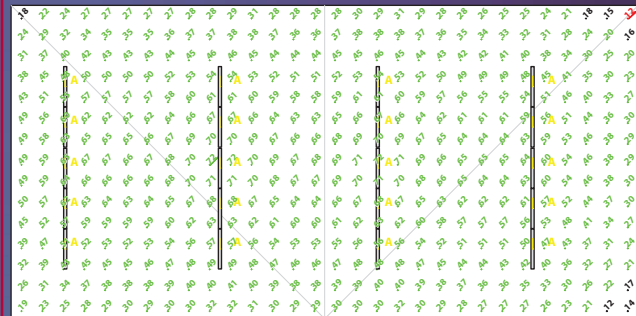
Application: Task  
 Space: 8' x 8' x 10'  
 Grid Height: 30"  
 Calculation Grid: 1' x 1'  
 Reflectance: 50/50/20  
 LLF: .80  
 Lamp Lumens: 4400  
 Model: SV4S254UNVPG / SV5LWW4SSLD  
 (White Solid Reflector and White Louver)  
 IES File: CB002.IES

The application above utilizes two 54W T5HO lamps. The results illustrate an average of 28 fc over the area with a high of 40 fc over the task itself.



### SV5 vs Strips for task Lighting

Under the same conditions as noted above, we observe the direct benefits of the SV5. When compared to the SV5, a 2-lamp 54W open strip lacks the control of light over the task area and offers no control of visual glare both along and across. The application (left) illustrates how the control of light is lost without. The direct result is less illuminance on the table top.



### Retail Floor

The SV5 design allows for adequate illuminance within the central area of this retail setting. Overall, an average of 48 fc are achieved on the floor.

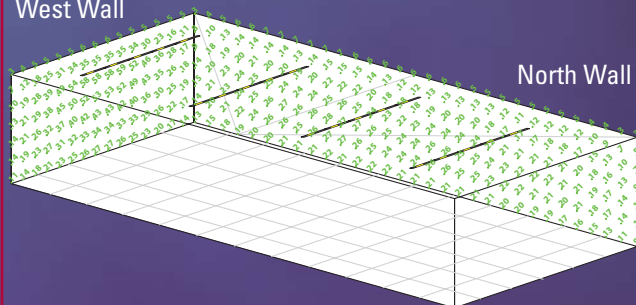
### Details SV5

Application: Retail  
 Space: 30' x 60' x 12'  
 Grid Height: On floor surface  
 Runs: 20 ft. lengths  
 Fixture Height: 12 ft. AFF  
 Calculation Grid: 2' x 2'

Reflectance: 80/50/20  
 LLF: .80  
 Lamp Lumens: 4400  
 Model: SV4S254UNVPG / SV5LWW4SSLD  
 (White Solid Reflector and White Louver)  
 IES File: CB002.IES

### West Wall

### North Wall



The ability of the SV5 to deliver vertical foot candles is illustrated along the West Wall. This can also be used to simulate a shelving scenario. In this example, we observe that higher readings of 52 fc can be achieved although, when taking the whole section into consideration, the average is 31 fc.

## SV5 Louver and Lens Series

For 1 and 2- Lamp 46" T5 Strip (SV)



Stylish, when utilizing either the radial louver or linear ribbed prismatic lens, or practical in instances where no optic is required and shielded light is required. The SV5 Series offers many combinations within its offering that allows combinations of either solid, slotted or perforated reflector designs to be interchanged with different radial louver or lens options. The new reflector design also offers a nice alternative to the standard straight blade reflector when used without the lens/louver option. The SV5 Series is retro-fittable with CFI Fluorescent SV4 Series strip.

### Features

- 90.6 % Efficiency - Based on 1-54W SV Strip with Perforated Reflector and Clear Linear Ribbed Lens
- 86.1% Efficiency - Based on 2-28W SV Strip with Perforated Reflector and Perforated Radial Louver
- Post painted with high efficiency white powdered paint
- Lay-in design optic allows for easy lamp maintenance
- Low profile 3" 11-16 profile when installed
- Tooled radial louver ensures design consistency in continuous row applications
- Retro-fittable with CFI Brand SV4 T5 Strip
- Louver - Solid or Perforated Pattern Radial Blade
- Lens - Frosted Linear or Clear Linear

### Options/Accessories

**Stem and canopy sets:** Suspend luminaire 12", 18", 24", 36", or 48" from surface. (Two per luminaire is recommended.) Catalogue number: **SV5F12** (12"); **SV5F18** (18"); **SV5F24** (24"); **SV5F36** (36"); **SV5F48** (48").

#### Aircraft Cable Kits:

60" SV5 Power Feed, Cable and Canopy Kit **SVCC60-UNV** (Adjustable 6"-60")

Cable and Canopy Kit **SVCC60** (Adjustable 6"-60")

**Chain hanging kit:** Includes two 5' heavy duty link chains with sturdy "V" hook for fixture suspension.

Catalogue number: **EE9HC**

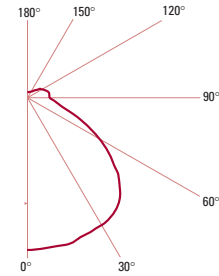
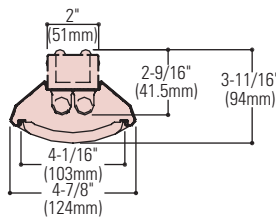
**Rocker Switches and Convenience Outlets:** Certain combinations of the SV Series strip with the new SV5 Reflector assembly will not accommodate these options. Please consult the specification sheets or your Canlyte representative to validate the request.

Other Reflector Options: See page 10

### SV5LVW4SPER/SV4S228UNVPG

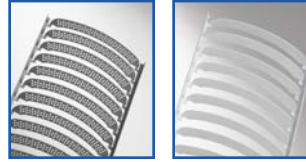
(White Perforated Reflector / White Perforated Radial Louver)

Two 28W T5 Fluorescent lamps



RCR	C. U.
1	91
2	83
3	76
4	70
5	64
6	59
7	54
8	50
9	46
10	43

### Louver Options

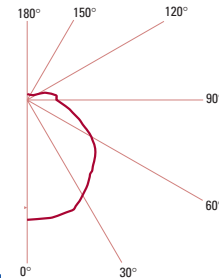
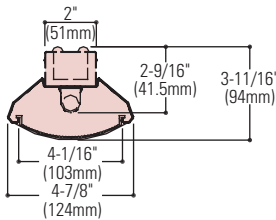


Dimensions are the same for 1 or 2-lamp luminaire.

### SV5CLW4SPER/SV4S154UNVPG

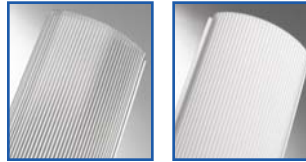
(White Perforated Reflector / Clear Linear Lens)

One 54W T5 HO Fluorescent lamp



RCR	C. U.
1	95
2	86
3	79
4	72
5	66
6	61
7	56
8	51
9	47
10	44

### Lens Options

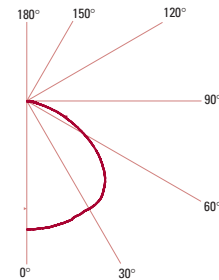
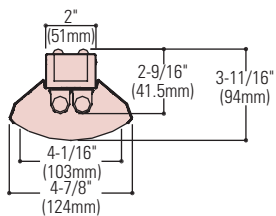


Dimensions are the same for 1 or 2-lamp luminaire.

### SV5XXW4SSLD/SV4S228UNVPG

(White Solid Reflector / Open Reflector)

Two 28W T5 Fluorescent lamps



RCR	C. U.
1	96
2	88
3	80
4	74
5	67
6	62
7	57
8	52
9	48
10	44

Dimensions are the same for 1 or 2-lamp luminaire.

## Reference Data

Efficiency	86.1%
Spacing Ratio	1.5

## Electronic Ballast

Input Watts (120V)	64.0W
Ballast Factor	1.0

## Application Data†

Luminaire Spacing	FC	W/Sq Ft
<b>50' x 70' x 12' Space</b>		
8' on centre	51	1.02
<b>30' x 30' x 8.5' Space</b>		
10' on centre	53	1.14
<b>10' x 8' x 8' Space</b>		
6' on centre	43	1.28
<b>6' x 8' x 8' Space</b>		
Work Cell	36	1.33

## Ordering Guide

SV5 Reflector and Louver Description	Nominal length	SV5 Reflector and Louver Cat. No.*
White Perforated Reflector/ White Perforated Radial Blade	46"	<b>SV5LVW4SPER**</b>
White Solid Reflector/ Grey Solid Radial Blade	46"	<b>SV5LGW4SSLD**</b>

\*Only for use with 1 or 2-lamp T5 Strip (SV)

\*\*For Slotted White Reflector, replace Solid White SLD by SLT  
For Perforated White Reflector, replace Solid White SLD by PER  
For White Perforated Radial Blade Louver, replace LW with LV  
For Grey Perforated Radial Blade Louver, replace LG with LH

<b>SV5</b>	<b>LV</b>	<b>W4</b>	<b>S</b>	<b>PER</b>
<b>Model</b>	<b>Louver Design</b>	<b>Reflector</b>	<b>Light Distribution</b>	<b>Reflector Style</b>
SV5 Reflector Accessory	LV = White / Perforated Blade LW = White / Solid Blade LG = Grey / Solid Blade LH = Grey / Perforated Blade	W4 = Nominal 46" White (Std)	S = Symmetric	SLD = Solid SLT = Slotted PER = Perforated

See page 6-7 for ordering information.

## Reference Data

Efficiency	90.6%
Spacing Ratio	1.3

## Electronic Ballast

Input Watts (120V)	64W
Ballast Factor	1.1

## Application Data†

Luminaire Spacing	FC	W/Sq Ft
<b>50' x 70' x 12' Space</b>		
8' on centre	45	0.92
<b>30' x 30' x 8.5' Space</b>		
10' on centre	46	1.06
<b>10' x 8' x 8' Space</b>		
8' on centre	37	1.19
<b>6' x 8' x 8' Space</b>		
Work Cell	31	1.25

## Ordering Guide

SV5 Reflector and Lens Description	Nominal length	SV5 Reflector and Lens Cat. No.*
White Perforated Reflector/ Clear Linear Lens	46"	<b>SV5CLW4SPER**</b>
White Slotted Reflector/ Frosted Linear Lens	46"	<b>SV5FLW4SSLT**</b>

\*Only for use with 1 or 2-lamp T5 Strip (SV)

\*\*For Perforated White Reflector, replace Solid White SLT by PER

<b>SV5</b>	<b>CL</b>	<b>W4</b>	<b>S</b>	<b>PER</b>
<b>Model</b>	<b>Lens Design</b>	<b>Reflector Length</b>	<b>Light Distribution</b>	<b>Reflector Style</b>
SV5 Reflector Accessory	CL = Clear Linear Lens FL = Frosted Linear Lens	W4 = Nominal 46" White (Std)	S = Symmetric	SLT = Slotted PER = Perforated

See page 6-7 for ordering information.

## Reference Data

Efficiency	87.8%
Spacing Ratio	1.5

## Electronic Ballast

Input Watts (120V)	64W
Ballast Factor	1

## Application Data†

Luminaire Spacing	FC	W/Sq Ft
<b>50' x 70' x 12' Space</b>		
8' on centre	45	0.88
<b>30' x 30' x 8.5' Space</b>		
10' on centre	34	0.64
<b>10' x 8' x 8' Space</b>		
8' on centre	22	0.64
<b>6' x 8' x 8' Space</b>		
Work Cell	28	1.33

## Ordering Guide

SV5 Reflector w/o lens/louver	Nominal length	SV5 Reflector Cat. No.*
White Solid Reflector	46"	<b>SV5XXW4SSLD**</b>
White Solid Reflector	46"	<b>SV5XXW4SSLD**</b>
White Solid Reflector	46"	<b>SV5XXW4SSLD**</b>

Lens option not available with a solid reflector


\*Only for use with 1 or 2-lamp T5 Strip (SV)

\*\*For Slotted White Reflector, replace Solid White SLD by SLT  
For Perforated White Reflector, replace Solid White SLD by PER

<b>SV5</b>	<b>XX</b>	<b>W4</b>	<b>S</b>	<b>SLD</b>
<b>Model</b>	<b>Reflector Length</b>	<b>Light Distribution</b>	<b>Reflector Style</b>	
SV5 Reflector Accessory	XX = No Lens / Louver	W4 = Nominal 46" White (Std)	S = Symmetric	SLD = Solid (N/A with Lens option) SLT = Slotted PER = Perforated

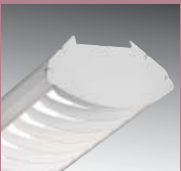
See page 6-7 for ordering information.

**SV4 Strip**  
(1 or 2 lamps)




+

**SV5 Reflector and shielding options**



=

**Complete SV5 luminaire**



See page 6-7 for ordering information

† Average foot candles maintained. Total Light Loss Factor LLF=.90 Reflectances: 80% Ceiling, 50% Wall, 20% Floor RE835 T5/T5HO lamp lumens at 4400 rated at 25C.

## T5 Strip Series 22", 34", 46", 92" (SV) Surface Strips



### Features

- Only 2" Wide
- Utilizes compact, high efficiency, T5 or T5HO lamps
- Fully enclosed wiring
- Optional white or specular, symmetric and asymmetric reflector
- Convenience outlet and switch K.O.s provided
- Push through lamp holders with rotor for secure lamp retention
- Optional hangers and guards

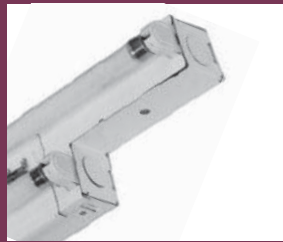
## T5 Side-Mount Strip Series 22", 34", 46" (SM) Surface Side-Mount Strips



### Features

- Only 1-3/8" deep
- Utilizes compact, high efficiency, T5 or T5HO lamps
- Fully enclosed wiring
- Convenience outlet and switch K.O.s provided (1 lamp only)
- Push through lamp holders with rotor for secure lamp retention

## T5 Staggered Strip Series 26", 38", 50" (SS) Surface Staggered Strips



### Features

- Excellent for applications where continuous, even illumination is required

### Options

**Ballast** Specify voltage (120, 277 or 347) and add suffix, e.g. 120PI.

Electronic T5

1 or 2 LPB Program Start: **PG**

1 or 2 LPB Instant Start: **PI**

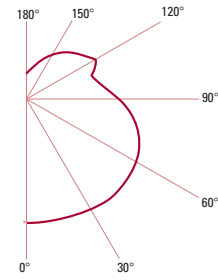
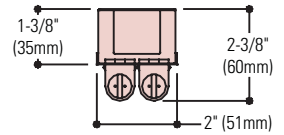
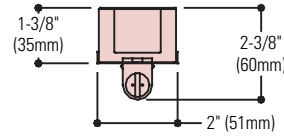
1 or 2 LPB Power Spec Dimming (120/277V only): **PF**

LPB: Number of lamps per ballast.

### 2 T5 Strip

### SV4S228UNVPG

two 28W T5 Fluorescent lamps

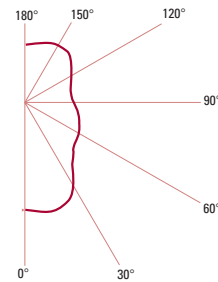
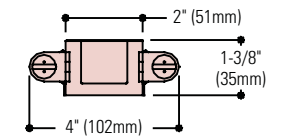
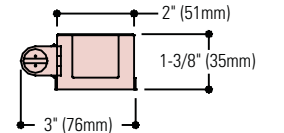


RCR	C. U.
1	90
2	77
3	67
4	59
5	52
6	46
7	41
8	37
9	33
10	30

### 2 T5 Sidemount Strip

### SM4S228UNVPG

two 28W T5 Fluorescent lamps

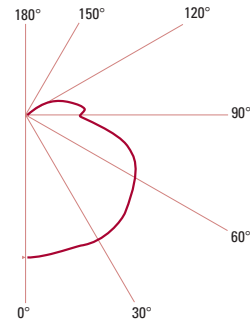
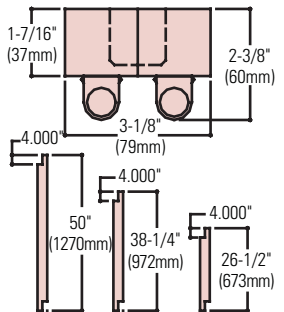


RCR	C. U.
1	86
2	74
3	65
4	57
5	50
6	45
7	40
8	36
9	33
10	30

### 2 T5 Staggered Strip

### SS4S228UNVPG

two 28W T5 Fluorescent lamps



RCR	C. U.
1	88
2	76
3	66
4	58
5	50
6	45
7	40
8	36
9	32
10	29

### OPTIONS/ACCESSORIES

**Stem and canopy sets:** Suspend luminaire 12", 18", 24", 36", or 48" from surface. (Two per luminaire is recommended. For 34" and 46" SVB Strip only.) Catalogue number: **SV5F12** (12"); **SV5F18** (18"); **SV5F24** (24"); **SV5F36** (36"); **SV5F48** (48").

**Chain hanging kit:** Includes two 5' heavy duty link chains with sturdy "V" hook for fixture suspension. (34" and 46" SVB Strip only.) Catalogue number: **EE9HC**

**Wire guard:** Galvanized wire guard. Catalogue number:

FOR SV STRIP T5 34": **SV5GXW3**

FOR SV STRIP T5 46": **SV5GXW4**

**Reflectors:** See page 10

**Rocker switch:** Suffix: **H** (SV and 1 lamp SM only)

**Convenience outlet:** Suffix: **CO** (SV and 1 lamp SM only)



**Reference Data**

Efficiency	93.3%
Spacing Ratio	1.5

**Electronic Ballast**

Input Watts (120V)	60.0W
Ballast Factor	1.0

**Application Data<sup>†</sup>**

Luminaire Spacing	FC	W/Sq Ft
<b>50' x 70' x 8.5' Space</b>		
12' on centre	29	.45
<b>30' x 30' x 8.5' Space</b>		
10' on centre	36	.66
<b>12' x 16' x 8.5' Space</b>		
8' on centre	54	1.4

**Ordering Guide**

Type	Nominal length	Number of lamp	T5	T5HO
STRIP T5	22 1/2"	1	<b>SV2S114</b>	<b>SV2S124</b>
	22 1/2"	2	<b>SV2S214</b>	<b>SV2S224</b>
	34 1/4"	1	<b>SV3S121</b>	<b>SV3S139</b>
	34 1/4"	2	<b>SV3S221</b>	<b>SV3S239</b>
	46"	1	<b>SV4S128</b>	<b>SV4S154</b>
	46"	2	<b>SV4S228</b>	<b>SV4S254</b>
	92"	2 (tandem)	<b>SV8S128</b>	<b>SV8S154</b>
	92"	4 (tandem)	<b>SV8S228</b>	<b>SV8S254</b>

**SV4S228**

Basic catalogue number:  
Strip T5

**UNV**

Voltage:  
UNV (120/277V)  
120  
277  
347

**PG**

Ballast:  
See page 6

Options:  
See page 6

**Reference Data**

Efficiency	93.3%
Spacing Ratio	1.5

**Electronic Ballast**

Input Watts (120V)	66.0W
Ballast Factor	1.0

**Ordering Guide**

Type	Nominal length	Number of lamp	T5	T5HO
Side-mount Strip T5	22 1/2"	1	<b>SM2S114</b>	<b>SM2S124</b>
	22 1/2"	2	<b>SM2S214</b>	<b>SM2S224</b>
	34 1/4"	1	<b>SM3S121</b>	<b>SM3S139</b>
	34 1/4"	2	<b>SM3S221</b>	<b>SM3S239</b>
	46"	1	<b>SM4S128</b>	<b>SM4S154</b>
	46"	2	<b>SM4S228</b>	<b>SM4S254</b>

**SM4S228**

Basic catalogue number:  
Side-mount Strip T5

**UNV**

Voltage:  
UNV (120/277V)  
120  
277  
347

**PG**

Ballast:  
See page 6

Options:  
See page 6

**Reference Data**

Efficiency	93.3%
Spacing Ratio	1.5

**Electronic Ballast**

Input Watts (120V)	66.0W
Ballast Factor	1.0

**Ordering Guide**

Type	Nominal length	Number of lamp	T5	T5HO
Staggered Strip T5	26 1/2"	1	<b>SS2S114</b>	<b>SS2S124</b>
	26 1/2"	2	<b>SS2S214</b>	<b>SS2S224</b>
	38 1/4"	1	<b>SS3S121</b>	<b>SS3S139</b>
	38 1/4"	2	<b>SS3S221</b>	<b>SS3S239</b>
	50"	1	<b>SS4S128</b>	<b>SS4S154</b>
	50"	2	<b>SS4S228</b>	<b>SS4S254</b>

**SS4S228**

Basic catalogue number:  
Staggered Strip T5

**UNV**

Voltage:  
UNV (120/277V)  
120  
277  
347

**PG**

Ballast:  
See page 6

Options:  
See page 6

**Easy Installation**

The T5 strip's practical flip-up rotatable feature facilitates quick and easy assembly. The socket bridge incorporates centering nodes that allow the socket bar to centre itself into position without the need for manual manipulating. Once in place, the socket bar is easily secured to the fixture's housing with two screws. The strip's ballast cover allows for single-handed installation by incorporating a tab detail within its design. This tab detail allows for the ballast cover to be secured to the housing which then permits the use of two hands for the placement of a single screw at the opposite end.



**Flip-up Socket Bar**

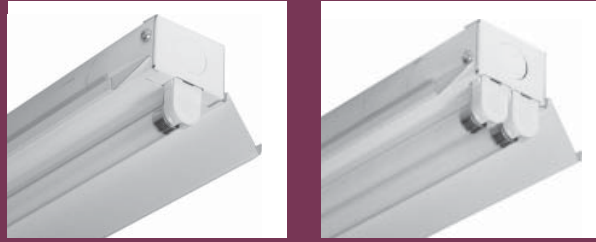


**Installation-Friendly Ballast Cover**

<sup>†</sup> Average footcandles maintained, Total Light Loss Factor L.L.F = 0.80 Reflectances: 60% Ceiling, 50% Wall, 20% Floor. RE835 T5/T5HO lamp lumens rated at 25°C.

## T5 Symmetric Reflector 22", 34", 46"

For 1 or 2-Lamp T5 Strip (SV)

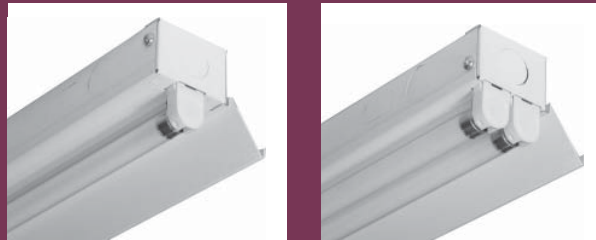


### Features

- Only 1-3/8" deep
- Installation on regular SV T5 strip, 1 or 2 lamps
- Available in white or high reflectivity specular finish
- Optional micro-perforated or slotted white reflector

## T5 Asymmetric Reflector 22", 34", 46"

For 1 or 2-Lamp T5 Strip (SV)

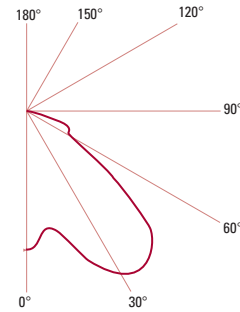
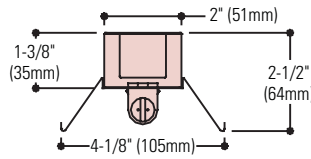


### Features

- Only 1-3/8" deep
- Installation on regular SV T5 strip, 1 or 2 lamps
- Available in white or high reflectivity specular finish

### 1 T5 Symmetric Silver

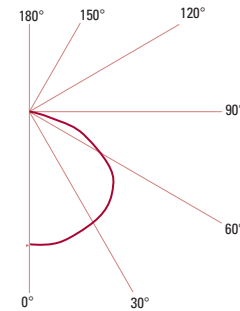
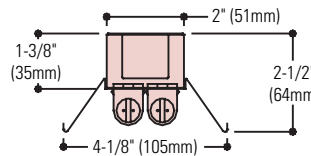
SV5R1S4SSLD / SV4S154UNVPG



RCR	C. U.
1	90
2	77
3	67
4	59
5	52
6	46
7	41
8	37
9	33
10	30

### 2 T5 Symmetric White

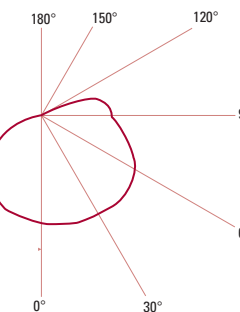
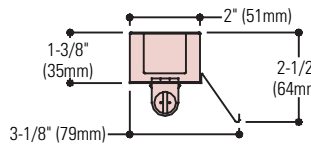
SV5R1W4SSLD / SV4S254UNVPG



RCR	C. U.
1	86
2	74
3	65
4	57
5	50
6	45
7	40
8	36
9	33
10	30

### 1 T5 Asymmetric White

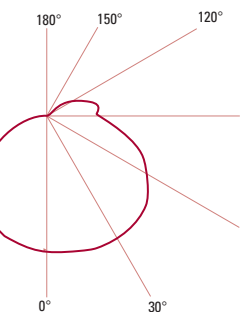
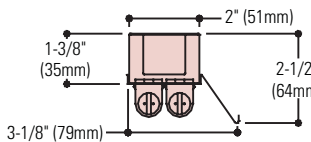
SV5R1W4ASLD / SV4S154UNVPG



RCR	C. U.
1	88
2	76
3	66
4	58
5	50
6	45
7	40
8	36
9	32
10	29

### 2 T5 Asymmetric White

SV5R1W4ASLD / SV4S254UNVPG



RCR	C. U.
1	86
2	75
3	65
4	57
5	50
6	45
7	40
8	36
9	32
10	29

**Reference Data**

Efficiency	87.5%
Spacing Ratio	1.9

**Electronic Ballast**

Input Watts (120V)	64W
Ballast Factor	1.0

**Application Data†**

**Luminaire Spacing FC W/Sq Ft**

**50' x 70' x 8.5' Space**

12' on centre	24	.44
---------------	----	-----

**30' x 30' x 8.5' Space**

10' on centre	30	.64
---------------	----	-----

**12' x 16' x 8.5' Space**

8' on centre	40	1.3
--------------	----	-----

Lamp rated at 2610 lumens

**Ordering Guide**

Type	Luminaire Nominal Length	Reflector for T5 Strip*
Symmetric Reflector WHITE	22 1/2"	<b>SV5R1W2SSLD**</b>
	34 1/4"	<b>SV5R1W3SSLD**</b>
	46"	<b>SV5R1W4SSLD**</b>
	92"	<b>2X SV5R1W4SSLD**</b>
Symmetric Reflector SILVER	22 1/2"	<b>SV5R1S2SSLD</b>
	34 1/4"	<b>SV5R1S3SSLD</b>
	46"	<b>SV5R1S4SSLD</b>
	92"	<b>2X SV5R1S4SSLD</b>

\*Use with 1 or 2-lamp T5 Strip (SV)

\*\*For Slotted White Reflector, replace Solid White **SLD** by **SLT**  
For Microperforated White Reflector, replace Solid White **SLD** by **PER**

**Reference Data**

Efficiency	78.7%
Spacing Ratio	1.4

**Electronic Ballast**

Input Watts (120V)	120W
Ballast Factor	1.0

**Application Data†**

**Luminaire Spacing FC W/Sq Ft**

**50' x 70' x 8.5' Space**

12' on centre	40	.82
---------------	----	-----

**30' x 30' x 8.5' Space**

10' on centre	51	1.2
---------------	----	-----

**12' x 16' x 8.5' Space**

8' on centre	67	2.5
--------------	----	-----

Lamp rated at 4400 lumens

**Ordering Guide**

Type	Luminaire Nominal Length	Reflector for T5 Strip*
Symmetric Reflector WHITE	22 1/2"	<b>SV5R1W2SSLD**</b>
	34 1/4"	<b>SV5R1W3SSLD**</b>
	46"	<b>SV5R1W4SSLD**</b>
	92"	<b>2X SV5R1W4SSLD**</b>
Symmetric Reflector SILVER	22 1/2"	<b>SV5R1S2SSLD</b>
	34 1/4"	<b>SV5R1S3SSLD</b>
	46"	<b>SV5R1S4SSLD</b>
	92"	<b>2X SV5R1S4SSLD</b>

\*Use with 1 or 2-lamp T5 Strip (SV)

\*\*For Slotted White Reflector, replace Solid White **SLD** by **SLT**  
For Microperforated White Reflector, replace Solid White **SLD** by **PER**

**Reference Data**

Efficiency	91.8%
Spacing Ratio	-

**Electronic Ballast**

Input Watts (120V)	64W
Ballast Factor	1.1

**Ordering Guide**

Type	Luminaire Nominal Length	Reflector for T5 Strip*
Asymmetric Reflector WHITE	22 1/2"	<b>SV5R1W2ASLD</b>
	34 1/4"	<b>SV5R1W3ASLD</b>
	46"	<b>SV5R1W4ASLD</b>
	92"	<b>2X SV5R1W4ASLD</b>
Asymmetric Reflector SILVER	22 1/2"	<b>SV5R1S2ASLD</b>
	34 1/4"	<b>SV5R1S3ASLD</b>
	46"	<b>SV5R1S4ASLD</b>
	92"	<b>2X SV5R1S4ASLD</b>

\*Use with 1 or 2-lamp T5 Strip (SV)

**Reference Data**

Efficiency	85.8%
Spacing Ratio	-

**Electronic Ballast**

Input Watts (120V)	121W
Ballast Factor	1.0

**Ordering Guide**

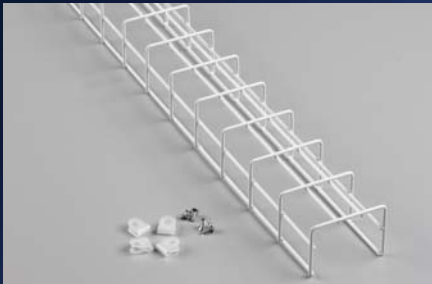
Type	Luminaire Nominal Length	Reflector for T5 Strip*
Asymmetric Reflector WHITE	22 1/2"	<b>SV5R1W2ASLD</b>
	34 1/4"	<b>SV5R1W3ASLD</b>
	46"	<b>SV5R1W4ASLD</b>
	92"	<b>2X SV5R1W4ASLD</b>
Asymmetric Reflector SILVER	22 1/2"	<b>SV5R1S2ASLD</b>
	34 1/4"	<b>SV5R1S3ASLD</b>
	46"	<b>SV5R1S4ASLD</b>
	92"	<b>2X SV5R1S4ASLD</b>

\*Use with 1 or 2-lamp T5 Strip (SV)

† Average footcandles maintained, Total Light Loss Factor L.L.F = 0.90 Reflectances: 80% Ceiling, 50% Wall, 20% Floor. RE835 T5/T5HO lamp lumens rated at 25°C. Grid:1x1 @ 2.5' AFF

# Accessories

## For SV Series



### Wireguard

The wireguard option for the SV Series 1 and 2-lamp strip can be ordered as Catalogue Number:

**SV5GXW2** – Nominal 22-1/2" white

**SV5GXW3** – Nominal 34-1/4" white

**SV5GXW4** – Nominal 46" white

Note: Exchange W for G for galvanized wire guards

## For SV and Strips Series



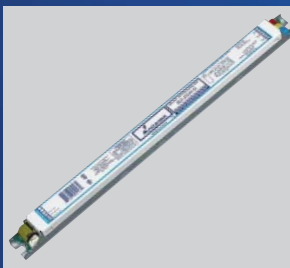
### Stem Kit

Suspends luminaire 12", 18", 24", 36", 48" from surface.  
(For 34" and 46" SV Strip only.)

Catalogue Number:

**SV5F12** (12"), **SV5F18** (18"), **SV5F24** (24"), **SV5F36** (36"),

**SV5F48** (48").



### Emergency Ballasts

Certain combinations of the SV Series strip with the new SV5 Reflector assembly will not accommodate this option. Please consult your Canlyte representative to validate the request.

## For SS Series

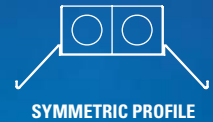
### Reflector Options for SS Series Staggered Strips

SS T5 electronic staggered 2-lamp strip reflector

#### **SYMMETRIC**

silver	<b>SS5R1S22SSLD</b>	26"
	<b>SS5R1S32SSLD</b>	38"
	<b>SS5R1S42SSLD</b>	50"

white	<b>SS5R1W22SSLD</b>	26"
	<b>SS5R1W32SSLD</b>	38"
	<b>SS5R1W42SSLD</b>	50"

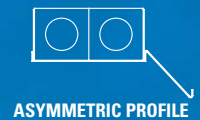


SS T5 electronic staggered 2-lamp strip reflector

#### **ASYMMETRIC**

silver	<b>SS5R1S22ASLD</b>	26"
	<b>SS5R1S32ASLD</b>	38"
	<b>SS5R1S42ASLD</b>	50"

white	<b>SS5R1W22ASLD</b>	26"
	<b>SS5R1W32ASLD</b>	38"
	<b>SS5R1W42ASLD</b>	50"



**Power Feed Kits** and **Suspension Kits** sold separately.  
Note: Exchange 120V to either 277V or 347V for other voltage options.

Catalogue Number: Power feed, Cable and Canopy

Suspension kits **SVCC60-UNV**

Adjustable 6" - 60" aircraft cable complete with 3-wire power feed and low profile canopy **SVCC60-UNV**

Cable and Canopy Suspension kits **SVC60**

Adjustable 6" - 60" aircraft cable complete with low profile canopy **SVC60**



### Chain Hanger Kit

Two 18" heavy duty link chains with sturdy "V" hooks that grip luminaires at four knockout points for level suspension.  
Catalogue Number: **EE9HC**  
(for SV, SB, EE, FF luminaires)

# Lamp Chart

## T5 Linear Lamp



Lamp Wattage	Lamp Manufacturer	Lamp Model Number	Rated Life (hours)	Initial Lumens at 25°C	Colour Temperature (varies by lamp manufacturer) °K	CRI	Nominal Lamp Length
14 Stand T5	GE	F14W/T5/841/ECO	30000	1350	3000,3500,4100,5000,6500	85	21.6"
	PHILIPS	F14T5/841/ALTO	20000	1350	3000, 3500, 4100	85	21.6"
	OSRAM Sylvania	FP14/841/ECO	20000	1200	3000, 3500, 4100, 6500	85	22.2"
24 High Output T5	GE	F24W/T5/841/ECO	30000	2000	3000,3500,4100,5000,6500	85	21.6"
	PHILIPS	F24T5/841/HO/ALTO	20000	2000	3000, 3500, 4100	85	21.6"
	OSRAM Sylvania	FP24/841/HO/ECO	20000	1760	3000, 3500, 4100	85	22.2"
21 Stand T5	GE	F21W/T5/841/ECO	30000	2100	3000,3500,4100,5000,6500	85	33.4"
	PHILIPS	F21T5/841/ALTO	20000	2100	3000,3500,4100	85	33.4"
	OSRAM Sylvania	FP21/841/ECO	20000	1900	3000,3500,4100, 6500	85	34"
39 High Output T5	GE	F39W/T5/841/ECO	30000	3500	3000,3500,4100,5000,6500	85	33.4"
	PHILIPS	F39T5/841/HO/ALTO	20000	3500	3000,3500,4100	85	33.4"
	OSRAM Sylvania	FP39/841/HO/ECO	20000	3100	3000, 3500, 4100	85	34"
28 Stand T5	GE	F28W/T5/841/ECO	30000	2900	3000,3500,4100,5000,6500	85	45.2"
	PHILIPS	F28T5/841/ALTO	20000	2900	3000, 3500, 4100	85	45.2"
	OSRAM Sylvania	FP28/841/ECO	20000	2600	3000, 3500, 4100, 6500	85	45.8"
54 High Output T5	GE	F54W/T5/841/ECO	30000	5000	3000,3500,4100,5000,6500	85	45.2"
	PHILIPS	F54T5/841/HO/ALTO	25000	5000	3000, 3500, 4100, 5000, 6500	85	45.2"
	OSRAM Sylvania	FP54/841/HO/ECO	25000	4450	3000, 3500, 4100, 5000, 6500	85	45.8"

LAMP CHART IS TO BE USED AS A GUIDE ONLY. CHECK LAMP MANUFACTURER DATA FOR OTHER MODEL ENQUIRIES AND EXACT SPECIFICATIONS.

### Numerical Index

EE9HC.....	4, 6, 10	SS5R1W32SSLD .....	10
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SM3.....	7	SV2.....	7
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SS5R1S32ASLD .....	10	SV5F24.....	4, 6, 10
SS5R1S42ASLD .....	10	SV5F36.....	4, 6, 10
SS5R1S22SSLD .....	10	SV5F48.....	4, 6, 10
SS5R1S32SSLD .....	10	SV5GXW2 .....	10
SS5R1S42SSLD .....	10	SV5GXW3 .....	6, 10
SS5R1W22ASLD .....	10	SV5GXW4 .....	6, 10
SS5R1W32ASLD .....	10	SV8.....	7
SS5R1W42ASLD .....	10	SVC60 .....	4, 10
SS5R1W22SSLD .....	10	SVCC60-UNV .....	4, 10

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For more information, contact:

**CFI Fluorescent**

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