

# Silhouette SF

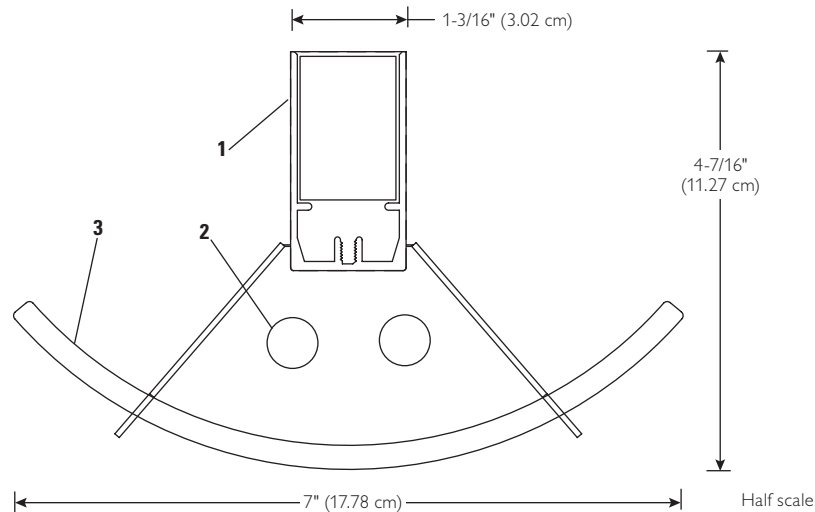
## Indirect/Direct pendant, 2 lamp, T5/HO

Page 1 of 3

Catalog number:

Notes:

Type:



### Ordering information

Family	Light source	Length	Type	Wattage	Voltage	Finish	Options
<b>SF</b>	<b>2</b>		<b>J</b>				
Silhouette SF	2 = 2 lamp T5	4 = 4 foot 8 = 8 foot	J = Joiner	28 = 28 watts 54 = 54 watts	1 = 120v 2 = 277v	WH = White AL = Aluminum	M7 = 0-10v dimming DS = Dual switching X4 = One additional pair of thru wires X5 = Two additional pairs of thru wires

### Features

- Housing:** Extruded aluminum. Die-cast end plate mechanically attached with no exposed fasteners.
- Light source:** Two T5 (28 or 54 watt as specified) fluorescent lamps per 4-foot section. Provided by others. Factory installed lamps optional (consult factory).
- Reflector:** Die-formed specular aluminum reflector.
- Shielding:** Die-formed 18 gauge CRS.
- Diffuser:** Translucent acrylic diffuser.

### Electrical

Specify 120 volt or 277 volt. Three conductor, 18 gauge wire. For special circuiting, consult factory. Ballast is class "P" electronic, class "A" sound rating, less than 10% THD, thermally protected, end of lamp life cutoff. Standard ballast dimensions 1-1/8" X 1", 0-10v dimming standard. For other dimming options consult factory. Factory installed ballast disconnect as required by National Electrical code.

### Mountings

**Cable suspension:** 5-1/4" (13.3 cm) diameter canopy powder coated matte white, 1/16" (0.16cm) diameter galvanized steel aircraft cable adjustable up to 48" (122cm). Gripping with cable adjustment. Draw tight connector create hairline seam between joiner modules.

### Finish

Powder coated matte white or aluminum finish. Custom colors available, consult factory.

### Options and Accessories

L, T, X inline joiner blocks and emergency battery pack available. Consult factory.

### Ordering Instructions

#### Individual Fixtures:

- Order one JOINER MODULE.
- Order one POWER FEED END SET.
- Order one CABLE ASSEMBLY.

#### Continuous Rows:

- Determine run length.
- Order the appropriate number of JOINER MODULES to complete the run.
- Order one POWER FEED END SET per run.
- Order one CABLE ASSEMBLY per JOINER MODULE.
- For patterns that exceed amperage limits, order the appropriate number of CABLE/CORD FEEDS.

#### Square/Rectangle Patterns:

- Order appropriate number of JOINER MODULES to complete the pattern size.
- Order number and type of JOINER BLOCKS required.
- Order one CABLE/CORD ASSEMBLY or POWER FEED END SET to power the pattern.
- For patterns that exceed amperage limits, order the appropriate number of CABLE/CORD FEEDS.

### Approvals

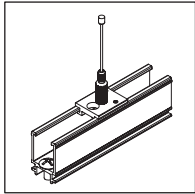
Certified to UL, CSA standards.

**PHILIPS**  
**LIGHTOLIER**

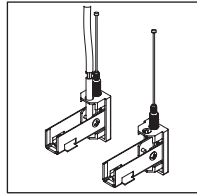
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## Indirect/Direct pendant, 2 lamp, T5/HO

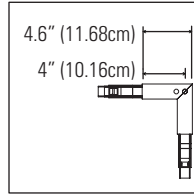
### Mounting and Joiner block accessories



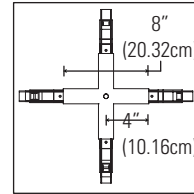
**Cable assembly**  
SC36WW



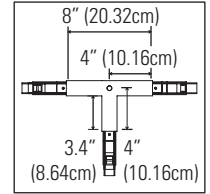
**Power feed end set**  
SE36WH White  
SE36AL Aluminum



**"L" block with suspension**  
SL36WH White  
SL36AL Aluminum

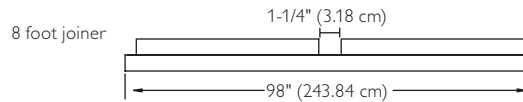
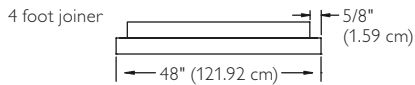


**"X" block with suspension**  
SX36WH White  
SX36AL Aluminum

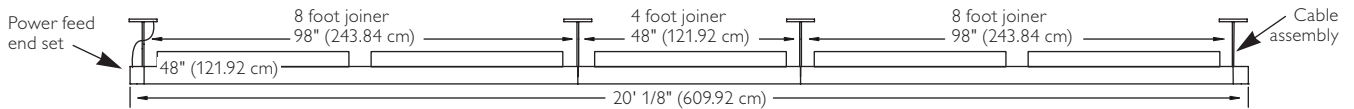


**"T" block with suspension**  
SX36WH White  
SX36AL Aluminum

### Fixture lengths and mounting locations



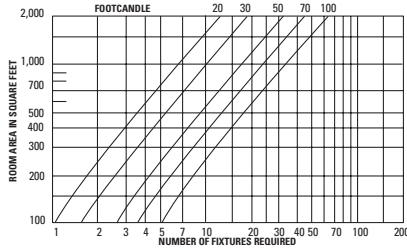
### Sample run



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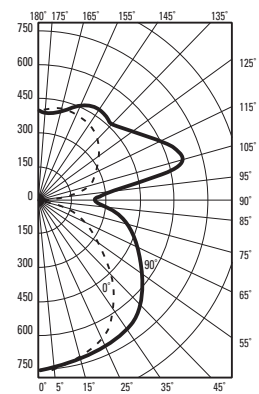
### Quick calculator and ceiling brightness



1. Find room area on vertical axis.
2. Move across chart to footcandle curve.
3. Move down to horizontal axis and read number of fixtures required.

### Photometry

#### Candela curve



**Efficiency:** 89.5%  
**Lumens:** 2900 lm  
**Lamps:** (2) F28T5  
**Catalog number:** SF24I281VWH  
**Report number:** LRL 299-1H

#### Candela distribution

Vertical Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	747	747	747	747	747
5	746	747	740	748	747
15	725	729	725	749	737
25	674	681	690	728	736
35	582	601	632	691	705
45	465	495	544	630	650
55	364	394	472	582	569
65	244	280	372	470	505
75	150	194	292	398	428
85	33	99	191	276	308
95	13	77	162	238	270
105	34	182	235	282	299
115	138	239	464	621	657
125	217	278	426	562	616
135	301	347	401	499	520
145	343	375	435	467	474
155	383	394	447	493	503
165	408	398	428	462	472
175	415	389	404	424	419
180	415	404	392	382	382

#### Coefficients of utilization (%)

	80			70			50		
Wall:	70	50	30	70	50	30	50	30	10
RCR 0	96	96	96	89	89	89	76	76	76
1	87	82	78	80	76	73	65	62	60
2	79	72	66	73	66	61	56	52	49
3	72	63	56	66	58	52	50	45	41
4	66	55	48	60	51	45	44	39	35
5	60	49	42	55	46	39	39	34	30
6	55	44	37	51	41	34	35	30	26
7	51	40	32	47	37	30	32	26	23
8	47	36	28	43	33	27	29	23	20
9	44	32	25	40	30	24	26	21	17
10	40	29	22	37	27	21	23	18	15

Based on a floor reflectance of 0.2

#### Zonal lumen summary

Zone	Lumens	% Lamp	% Fixt.
0-90	2749	47.4	53.0
90-180	2440	42.1	47.0
0-180	5189	89.5	100.0

Calculations are for 28 watt T5 lamps, for 54 watt T5 lamps multiply by 1.7



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Specifications are subject to change without notice.  
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