

Ordering Information

Style	Lamps	Length	Type	Wattage	Voltage	Finish
SJ	1					
	1 = 1-Lamp T5	4 = 4 Foot 8 = 8 Foot	J = Joiner	28 = 28 watt 54 = 54 watt	1 = 120v 2 = 277v	WH = White Enamel AL = Aluminum Enamel

Complete ordering instructions below.

Features

- Housing:** Extruded aluminum. Die-cast end plate mechanically attached with no exposed fasteners.
- Lamping:** One T5 (28 or 54 watt as specified) fluorescent lamp per 4-foot section. Provided by others.
- Reflector:** Die-formed specular aluminum reflector.
- Shielding:** Die-formed perforated 18 gauge CRS.
- Diffuser:** Translucent acrylic diffuser.

Electrical

Specify 120 volt or 277 volt. Three conductor, 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. 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. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Mountings

4-1/2" (11.43cm) diameter canopy and 1/2" (1.27cm) diameter steel stem for wall mounting finished to match housing. One draw tight connector included to create hairline seam between joiners, and one end set should be ordered to finished the run.

Finish

Powder coated baked white or aluminum enamel.
Custom colors available, consult factory.

Options and Accessories

Emergency battery pack available.

Ordering Instructions

Individual Fixtures:

- Order one JOINER MODULE.
- Order one END SET.

Continuous Rows:

- Determine run length.
- Order one END SET per run.
- Order the appropriate number of JOINER MODULES to complete the run.
(Comes with mounting hardware)

Labels Included

UL, cUL, and IBEW

Job Information

Type:

Job Name:

Cat. No.:

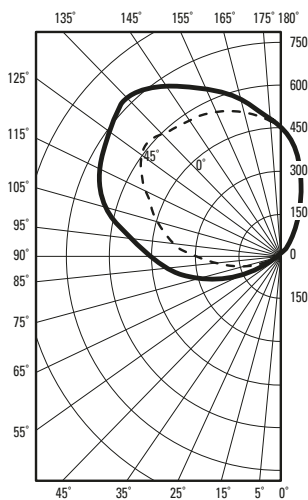
Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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Performance

CANDLEPOWER CURVE



REPORT NO: LRL 299-1K
CAT NO: SJ141281VWH
LAMPS: 1 F28T5
LUMENS: 2900
EFFICIENCY: 81.5%

CANDLEPOWER

ZONE DEG.	22	45	67	90
180	440	440	440	440
175	462	462	454	465
165	540	540	500	472
155	636	616	545	463
145	712	681	577	431
135	759	719	584	400
125	750	756	597	344
115	726	377	554	295
105	654	613	483	266
95	524	487	386	171
90	482	443	321	128
85	428	389	270	94
75	296	245	133	6
65	132	40	13	7
55	19	14	12	14
45	12	12	14	12
35	12	13	12	11
25	13	13	19	9
15	11	10	8	10
5	12	12	13	16
0	20	20	20	20

COEFFICIENTS OF UTILIZATION

		% EFFECTIVE CEILING CAVITY REFLECTANCE									
		80			70			50			
		WALL REFLECTANCE									
		70		50		30		50		30	10
ROOM CAVITY RATIO	0	81	81	81	71	71	71	53	53	53	
	1	71	67	63	62	58	55	43	40	38	
	2	64	57	52	56	50	45	36	33	30	
	3	58	50	44	50	43	38	31	28	25	
	4	53	44	37	46	38	33	28	24	21	
	5	48	39	32	42	34	28	25	21	17	
	6	44	34	28	38	30	24	22	18	15	
	7	41	31	24	35	27	21	20	16	13	
	8	38	28	21	33	24	19	18	14	11	
	9	35	25	19	30	22	17	16	12	10	
	10	32	23	17	28	20	15	15	11	9	

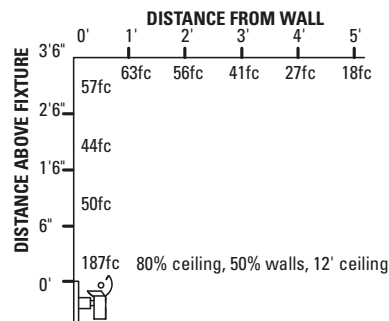
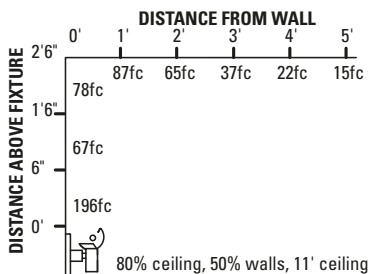
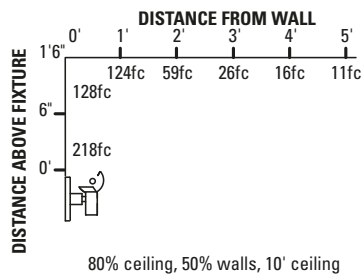
20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

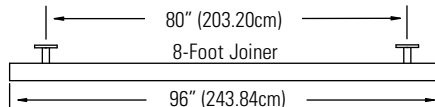
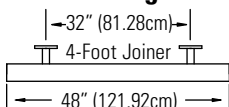
Zone	Lumens	% Lamp	% Luminaire
0-90	394	13.6	16.7
90-180	1968	67.9	83.3
0-180	2362	81.5	100.0

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

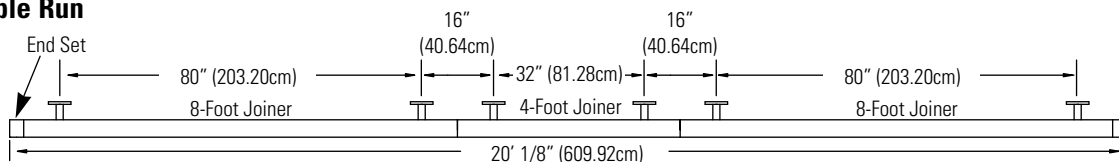
Quick Calculators



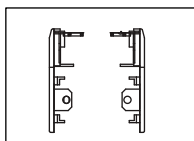
Fixture Length & Mounting Locations



Sample Run



End Set



End Set
 SEWH (white)
 SEAL (aluminum)

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