

## Ordering Information

Style	Lamps	Length	Ballast	Voltage
CL	2			
	2 = 2-Lamp T5	2 = 2-Foot Nominal 3 = 3-Foot Nominal 4 = 4-Foot Nominal 6 = 6-Foot Nominal 8 = 8-Foot Nominal	T5 = T5 Standard Output HO = T5 High Output	1 = 120v 2 = 277v

## Features

- Housing:** Die-formed 20 gauge pre-painted steel.
 

Fixture	O.A. Length
2-foot nominal	22" (55.88cm)
3-foot nominal	34" (86.36cm)
4-foot nominal	46" (116.84cm)
6-foot nominal	68" (172.72cm)
8-foot nominal	92" (233.68cm)
- Lamping:** Two T5 fluorescent lamps. Provided by others.
 

Fixture	T5	T5HO
2-foot nominal	2-FP14	2-FP24/HO
3-foot nominal	2-FP21	2-FP39/HO
4-foot nominal	2-FP28	2-FP54/HO
6-foot nominal	4-FP21	4-FP39/HO
8-foot nominal	4-FP28	4-FP54/HO
- Reflector:** Constructed of precision die-formed specular aluminum lighting sheet. Reflector is covered with a scratch resistant protective coating to prevent damage during installation.
- Ballast:** Specify 120v or 277v. electronic .98 ballast factor, rapid start. HPF, class "P" thermally protected.

## Electrical

3 conductor, 12 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting, consult factory. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

## Labels

UL, cUL and I.B.E.W.

## Job Information

## Type:

**Job Name:**

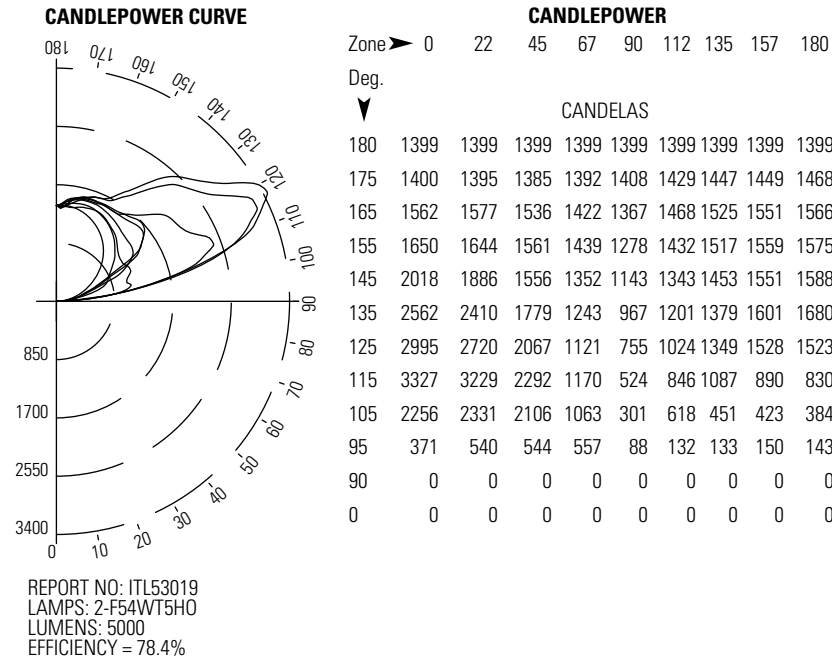
**Cat. No.:**

**Lamp(s):**

**Notes:**

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



## COEFFICIENTS OF UTILIZATION % EFFECTIVE CEILING CAVITY REFLECTANCE

	80			70			50		
	% WALL REFLECTANCE								
	50	30	10	50	30	10	50	30	10
0	75	75	75	64	64	64	44	44	44
1	65	62	59	55	53	51	38	37	35
2	56	52	48	48	45	42	33	31	29
3	50	44	40	42	38	35	29	27	24
4	44	38	34	37	33	29	26	23	21
5	39	33	29	33	28	25	23	20	18
6	33	29	24	30	25	21	20	17	15
7	31	25	21	26	22	18	18	15	13
8	28	22	18	24	19	16	16	13	11
9	25	20	16	22	17	14	15	12	10
10	23	18	14	20	15	12	14	11	9

## 20% FLOOR CAVITY REFLECTANCE

### Distribution Summary

Zone	Lumens	% Barelamp	Luminaire
0 - 90	0	0.0	0.0
90 - 180	7840	78.4	100.0
0 - 180	7840	78.4	100.0

## Quick Calculators & Ceiling Brightness

Readings are rounded off based on initial footcandles at center of 20-foot run of luminaries. Room reflectance are 80% ceiling, 50% wall and 20% floor.

### T5 54W, 2 Fixtures, 2 Rows, 2 Walls 14" (0.36) from Ceiling

Distance From Ceiling	Distance from wall						
	2'	4'	6'	8'	10'	12'	14'
14" (0.36m)	307	92	44	36	44	90	302
8'6" (2.59m)	91	91	88	85	88	91	91
9'6" (2.90m)	83	83	82	80	82	83	83
10'6" (3.20m)	77	77	77	76	77	77	77
11'6" (3.51m)	77	71	71	71	71	71	71
12'6" (3.81m)	66	65	66	66	66	65	65

### T5 54W, 2 Fixtures, 2 Rows, 2 Walls 18" (0.46) from Ceiling

Distance From Ceiling	Distance from wall						
	2'	4'	6'	8'	10'	12'	14'
18" (0.46m)	296	125	91	48	60	122	291
8'6" (2.59m)	90	91	89	87	89	91	90
9'6" (2.90m)	82	83	83	82	83	83	82
10'6" (3.20m)	77	77	78	77	78	77	77
11'6" (3.51m)	70	70	72	72	72	71	70
12'6" (3.81m)	65	65	66	66	66	65	65

### T5 54W, 1 Fixture, 1 Row, 1 Wall, 14" (0.36) from Ceiling

Distance From Ceiling	Distance from wall						
	2'	4'	6'	8'	10'	12'	14'
14" (0.36m)	294	79	30	18	14	13	12
8'6" (2.59m)	63	60	52	42	35	30	28
9'6" (2.90m)	55	53	47	40	34	30	28
10'6" (3.20m)	50	48	44	38	33	29	27
11'6" (3.51m)	45	43	40	35	31	28	26
12'6" (3.81m)	41	39	37	33	29	26	25

### T5 54W, 1 Fixture, 1 Row, 1 Wall, 18" (0.46) from Ceiling

Distance From Ceiling	Distance from wall						
	2'	4'	6'	8'	10'	12'	14'
18" (0.46m)	283	111	44	24	17	14	13
8'6" (2.59m)	62	60	53	44	36	31	28
9'6" (2.90m)	54	53	48	41	35	30	28
10'6" (3.20m)	49	48	44	38	34	30	27
11'6" (3.51m)	44	43	40	36	32	28	27
12'6" (3.81m)	39	39	37	33	30	27	25

Maximum Candle Power: 3463 CD at 117.5°

Data is based on bare lamp photometrics. Dashed lines in beam spreads indicate narrow axes of oval shaped beams.  
FC is initial footcandles at center of beam.

L and W are to the point that the candlepower drops 50% of maximum.

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