LIGHTOLIER®

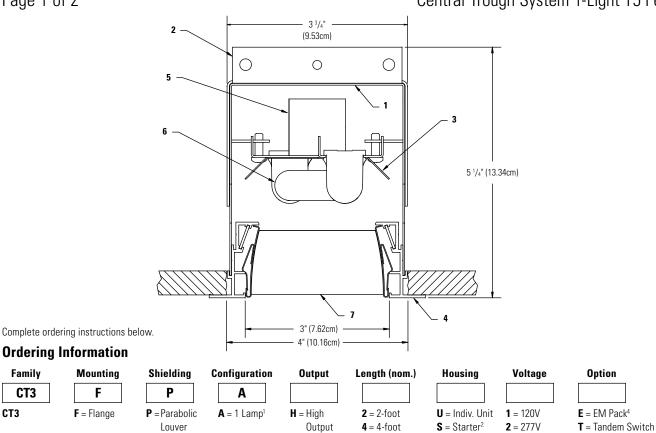
Page 1 of 2

Lighting Systems CTS3-5

Central Trough System 1-Light T5 Per Section

4 = 4 Through Wires

5 = 5 Through Wires



 $\mathbf{S} = Standard$

Lamp is mounted diagonally and extends into adjacent fixture by 2-1/2" (6.35cm) in Starter, Joiner and Telescoping fixtures

Starter available as 4-foot and 8-foot only

- Telescoping fixture ships 85-3/8" (216.85cm), adjustable down to 49-3/8" (125.41cm)
- EM pack not available in 2-foot or Telescoping fixtures

Features

CT3

CT3

- 1. Housing: 20 gauge pre-painted steel
- 2. Bulkhead: 18 gauge galvanized steel
- 3. Reflector: semi-specular aluminum
- 4. Trim: aluminum extruded, flange 3/4" (1.91cm) width
- 5. Ballast: program start electronic
- 6. Lamp: T5 or T5 H0 fluorescent
- 7. Louver: semi-specular parabolic, 2-1/4" (5.72cm) nominal blade spacing

Mounting

Housing is suspended by hanger wires by others. Optional factory provided Quick-Draw Installation System shown on page 2.

Electrical

Electronic Ballast: Programmed start, 3 conductor, 12 gauge wire. Color-coded quick connectors allow easy connection for modular fixtures. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off. Emergency Battery Pack: 450 Lumens @ 90 minimum.

Labels

UL, cUL and IBEW

Ordering Instructions

Individual Fixtures: 1. Order number of INDIVIDUAL UNITS required.

 $\mathbf{J} = \text{Joiner}$

 $\mathbf{T} = \text{Telescoping}^3$

Continuous Rows:

8 = 8-foot

- 1. Determine run length
- 2. Order one Starter fixture
- 3. Order one Telescoping fixture*
- 4. Order remainder of Joiner fixtures
- * For best one-lamp effect, use Telescoping fixture at longest length possible.

Job Information	Туре:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

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24" (60.96cm)

E 2' Individual

29' (8.84m)

24' (7.32m)

22' E (6.71m)

19'

17'

12' (3.66m)

10' (3.05m)

(5.79m)

(5.18m)

Performance & Quick Calculators

48" (121.92 cm)

4' Individual

85.5" (217.17cm)

8' Start

85.5" (217.17cm)

8' Start

85.5" (217.17cm)

8' Start

85.5" (217.17cm)

8' Start

85.5" (217.17cm) 8' Start

> 17" (43.18cm) 2' Joiner

10' (304.80 cm)

12' (365.76cm)

	Candlepower							
	ZONE DEG.	0	22	45	67	90		
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	175	0	0	0	0	0	-	
600	165	0	0	0	0	0		
	155	0	0	0	0	0	-	
	145	0	0	0	0	0		
900	135	0	0	0	0	0		
	125	0	0	0	0	0	_	
30 0°	115	0	0	0	0	0	atio	
	105	0	0	0	0	0	/ Ba	
0 10 23 33	95	0	0	0	0	0	Room Cavity Ratio	
	90	0	0	0	0	0	Ca	
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Cat No: CT3GPAH4U1	75	13	11	8	8	8	Bo	
Efficiency: 38.4%	65	50	43	43	54	55		
Lamps: 1 FQ54W/840/H0	55	244	260	146	191	246		
(Amalgam Lamp)	45	452	662	404	220	187		
Lumens: 4900	35	571	856	893	749	675		
	25	672	881	1132	1178 1149	1178		
	15 5	739	831	1008		1194		
	5 0	772 778	783 778	810 778	836 778	845 778		
	U	//8	//8	//8	//8	//8		
Commite Dome							ZON	
Sample Runs							0-90	

82" (208.28cm)

8' Joiner

82" (208.28cm)

8' Joiner 22' (670.56cm)

82" (208.28cm)

8' Joiner

17

(43.18cm)

2' Joiner

19' (579.12cm)

41" (104.14cm)

4' Joiner 17' (518.16cm)

41" (104.14cm)

4' Joiner

82.5" (209.55cm)

8' Telescoping*

24' (731.52cm)

89" (226.06 cm)

8' Individual

77.5" (196.85cm)

8' Telescoping*

Lighting Systems CTS3-5

Central Trough System 1-Light T5 Per Section

Coefficients Of Utilization % Effective Ceiling Cavity Reflectance

70

50

80

0	U 0	0			-% WALL REFLECTANCE									
0	0	0			50	30	10	50	30	10	50	30	10	
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0	0	0		2	38	36	34	37	35	34	36	34	33	
0	0	Ō	tio	3	34	32	30	34	31	30	33	31	29	
0	0	0	Room Cavity Ratio	4	31	28	26	34 31	28	26	30	28	26	
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0	0	0	u Ci	5	28	25	23	28	25	23	27	25	23	
8	8	8	3001	6	26	23	21	26	23	21	25	23	21	
43	54	55		7	24	21	19	24	21	19	23	21	19	
146 404	191 220	246 187		8	22	19	17	22	19	17	21	19	17	
893	749	675		9	20	18	16	20	17	16	20	17	16	
1132	1178	1178		10	19	16	14	19	16	14	18	16	14	
1008	1149	1194				Floor	Cavit	y Ret	flecta	ance =	= 20%	5		
810 778	836 778	845 778												
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90-1						.0			0.0				.0	
(226.06	cm) —		0-18	U	15	80			38.4			10	0.0	
ndividu	ial													
29' (8	83.92cm)													
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		8' Join				2' Joi				B' Teles		,		
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			-		_	_								
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							-							
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	2' Joiner	•,	8' Telesco											
	·,													
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For suspending from structure above.								00111	-0.01					
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					rder one CTS3C120 per xture.				-	+	•	e Gripp		
						actory	for spe	rific				Cei	ousing ling	
				Consult factory for specific application.										
									1	// 1]	-			1

* Telescoping fixture ranges from 85-3/8" (216.85cm) to 49-3/8" (125.41cm). For best one-lamp effect, use Telescoping fixture in longest length possible.

75.5" (191.77cm)

8' Telescoping*

Job Information

Type:

Draw Luminaries To Ceiling

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44.5"

(113.03cm)

4' Start

44.5" (113.03cm)

4' Start

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