

Complete ordering instructions below.

## Ordering Information

Family	Mounting	Shielding	Configuration	Output	Length (nom.)	Housing	Voltage	Option
<b>CT3</b>	<b>G</b>	<b>P</b>	<b>A</b>					
CT3	G = Grid Mount	P = Parabolic Louver	A = 1 Lamp <sup>1</sup>	H = High Output S = Standard	2 = 2-foot 4 = 4-foot 8 = 8-foot	U = Indiv. Unit <sup>2</sup> S = Starter <sup>3</sup> J = Joiner T = Telescoping <sup>4</sup>	1 = 120V 2 = 277V	E = EM Pack <sup>5</sup> T = Tandem Switch 4 = 4 Through Wires 5 = 5 Through Wires

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

<sup>2</sup> 8-foot Individual Unit not available in Grid mount

<sup>3</sup> Starter available as 4-foot and 8-foot only

<sup>4</sup> Telescoping fixture ships 85-3/8" (216.85cm), adjustable down to 49-3/8" (125.41cm)

<sup>5</sup> EM pack not available in 2-foot or Telescoping fixtures

## Features

- Housing:** 20 gauge pre-painted steel
- Bulkhead:** 18 gauge galvanized steel
- Reflector:** semi-specular aluminum
- Trim:** none visible, fixture drops into grid system by others
- Ballast:** program start electronic
- Lamp:** T5 or T5 HO fluorescent
- Louver:** semi-specular parabolic, 2-1/4" (5.72cm) nominal blade spacing

## Mounting

Housing is suspended by hanger wires by others. Compatible with standard and slot T grid systems. 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:

- Order number of INDIVIDUAL UNITS required.

### Continuous Rows:

- Determine run length
- Order one Starter fixture
- Order one Telescoping fixture\*
- Order remainder of Joiner fixtures

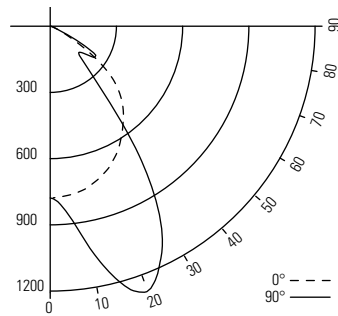
\* For best one-lamp effect, use Telescoping fixture at longest length possible.

Continuous runs only - Prior to installing CTS3 in a grid ceiling, the installing contractor must ensure that the fixture will set into two main runners, spaced 4" (10.16cm) on center. No grid cross members are required except at the beginning and end of the run.

Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

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## Performance & Quick Calculators



**Report No:** ITL58169  
**Cat No:** CT3GPAH4U1  
**Efficiency:** 38.4%  
**Lamps:** 1 FQ54W/840/HO  
 (Amalgam Lamp)  
**Lumens:** 4900

ZONE DEG.	Candlepower				
	0	22	45	67	90
180	0	0	0	0	0
175	0	0	0	0	0
165	0	0	0	0	0
155	0	0	0	0	0
145	0	0	0	0	0
135	0	0	0	0	0
125	0	0	0	0	0
115	0	0	0	0	0
105	0	0	0	0	0
95	0	0	0	0	0
90	0	0	0	0	0
85	2	1	0	0	0
75	13	11	8	8	8
65	50	43	43	54	55
55	244	260	146	191	246
45	452	662	404	220	187
35	571	856	893	749	675
25	672	881	1132	1178	1178
15	739	831	1008	1149	1194
5	772	783	810	836	845
0	778	778	778	778	778

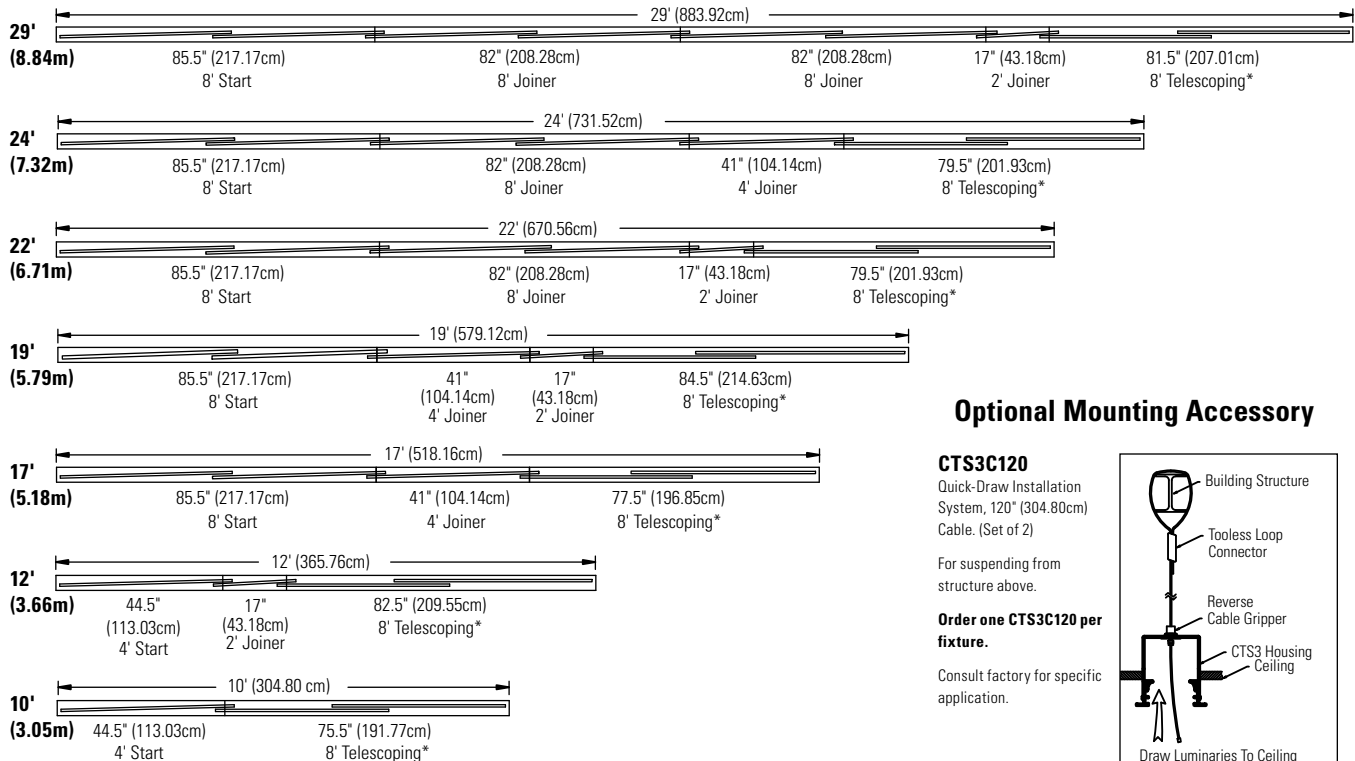
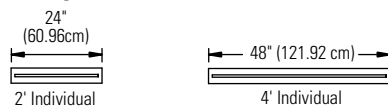
### Coefficients of Utilization

% Effective Ceiling Cavity Reflectance

		80			70			50		
		-% WALL REFLECTANCE								
		50	30	10	50	30	10	50	30	10
room cavity ratio	0	46	46	46	45	45	45	43	43	43
	1	42	40	39	41	40	39	39	38	38
	2	38	36	34	37	35	34	36	34	33
	3	34	32	30	34	31	30	33	31	29
	4	31	28	26	31	28	26	30	28	26
	5	28	25	23	28	25	23	27	25	23
	6	26	23	21	26	23	21	25	23	21
	7	24	21	19	24	21	19	23	21	19
	8	22	19	17	22	19	17	21	19	17
	9	20	18	16	20	17	16	20	17	16
	10	19	16	14	19	16	14	18	16	14

Floor Cavity Reflectance = 20%

## Sample Runs



\* 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.

## Optional Mounting Accessory

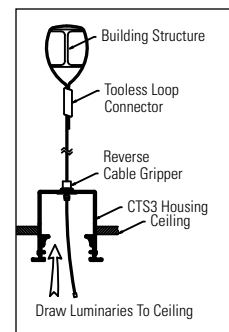
### CTS3C120

Quick-Draw Installation  
 System, 120" (304.80cm)  
 Cable (Set of 2)

For suspending from  
 structure above.

Order one CTS3C120 per  
 fixture.

Consult factory for specific  
 application.



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