

# Code•Master™ PLT Factory Sealed Luminaires

## Explosionproof, Dust-Ignitionproof

Integrally Ballasted. 26 W, 32 W, 42 W, 52 W, 64 W, 84 W Compact Fluorescent. For use with Threaded Metal Conduit.

### NEC:

Class I, Division 1 and 2, Groups B♦, C, D  
Class II, Division 1 and 2, Groups E, F, G  
Class III  
NEMA 4X  
Suitable for use in wet locations

### CEC:

Class I, Division 1 and 2, Groups B, C, D  
Class II, Division 1 and 2, Groups E, F, G  
Class III  
CSA 4X

## Applications

- For use in hazardous locations such as plants where plastics, paints, thinners and petrochemicals are manufactured, and in other areas where ignitable vapors, dust, moisture and corrosive elements may be present.
- For use in areas where an instant-on white light is desired.
- Suitable for use in wet locations.
- Standard fixtures designed for 26 W, 32 W, 42 W, 52 W (two 26 W), 64 W (two 32 W), and 84 W (two 42 W) PLT lamps.
- Cold weather starting to a minimum temperature of -18 °C (0 °F) for the Code•Master Jr. PLT and -30 °C (-22 °F) for the Code•Master 2 PLT.

## Features

- Fixtures operate safely in high ambient temperatures.
- Arrangement of heat-producing components results in efficient heat dissipation for cooler fixture operation.
- Patented “wireless” design. Threading of fixture unit onto mounting hood makes electrical connection. The only wiring required is attaching two wires to connection block in mounting hood.
- Connection block is easily wired: (a) loosen two screws; (b) make wire connections; and (c) reposition connection block.
- Safe, easy servicing without disconnecting any wiring. “Wireless” fixture unit threads off mounting hood for convenient servicing or for immediate replacement with a “stand-by” unit.
- Acme double-lead threads speed installation and fixture removal from mounting hood – only half as many turns are required as for single-lead threads. The threads do not stick, or gall, eliminating problems often encountered with single-lead threads during fixture unit removal.
- All threaded joints are flame-tight.
- Factory sealed. External seals not required for Groups C and D.
- Fixtures for use in Group B locations are furnished complete with UL required sealing fitting for Code•Master Jr. PLT only.
- Heat- and impact-resistant globes have smooth dust-resistant exterior.
- Superior corrosion resistance, with epoxy powder coat finish.
- Fluorescent light source reduces energy cost.
- Strategic location of lamp socket, in combination with interior prism design of the glass globe, provides optimum light distribution and control.
- Choice of mountings – pendant, ceiling, bracket and stanchion.
- Optional guards protect globes from damage. Secured to fixture with three stainless steel screws.
- Fiberglass reinforced polyester reflectors, in standard dome or 30° angle styles, are ideal in installations where luminaire is subject to exceptionally severe corrosive atmospheres. The high bay aluminum reflector is intended for installations where mounting height work planes range from 6 to 9 m (20 to 30 ft).
- Fluorescent lamp life of 10,000 hours reduces relamping cost compared to incandescent, and provides superior T numbers.

## Standard Materials

- Ballast bodies and guards: copperfree (4/10 of 1% max.) aluminum
- Pendant mounting hoods: diecast copperfree (4/10 of 1% max.) aluminum
- Ceiling, bracket and stanchion mounting hoods: sand cast copperfree (4/10 of 1% max.) aluminum
- Reflectors: fiberglass reinforced polyester (white) or aluminum



26-42W Code•Master Jr. PLT



52-84W Code•Master 2 PLT

## Illustrated Features



As Fixture unit is threaded into mounting hood an automatic electrical connection is made.

## Standard Finishes

- Ballast bodies, guards and mounting hoods: epoxy powder coat finish, electrostatically applied for complete, uniform corrosion protection

## NEC/CEC Certifications and Compliances

- UL Standard: UL 1598, UL 844
- UL Listed: E10444
- CSA Standard: C22.2 No. 250, C22.2 No. 137
- CSA Certified: 025428

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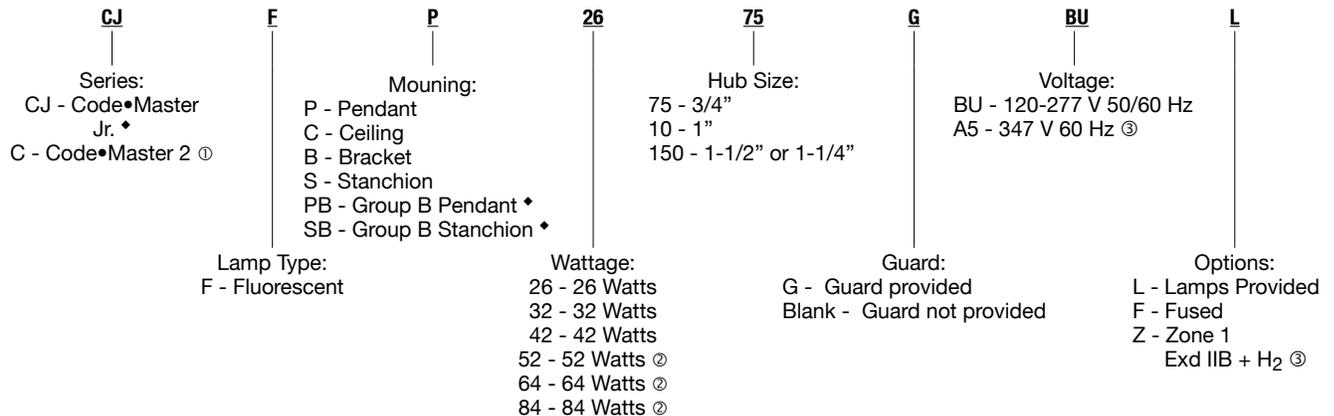
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### Catalog Numbering Guide



### Classified Area Suitability of Code•Master™ Series PLT Fixtures — Suitability includes use of reflector

Lamp Type	Lamp Watts	Supply Wire °C (°F)	Ambient Temp °C (°F)	Class I, Division 1 and 2 with Globe or with Reflector UL/NEC Temp. Ident. No.		Class II, Division 1 and 2 with Globe or with Reflector UL/NEC Temp. Ident. No.	
				Nameplate Marking	Groups	Nameplate Marking	Groups
PLT (4-pin)	26	75 (167)	40 (104)	T6	B♦,C,D	T4A	E, F, G
PLT (4-pin)	32	75 (167)	40 (104)	T6	B♦,C,D	T4A	E, F, G
PLT (4-pin)	42	75 (167)	40 (104)	T6	B♦,C,D	T4A	E, F, G
PLT (4-pin)	52 (2 x 26)	75 (167)	40 (104)	T6	C, D	T4	E, F, G
		75 (167)	55 (131)	T5	C, D	—	—
PLT (4-pin)	64 (2 x 32)	75 (167)	40 (104)	T6	C, D	T4	E, F, G
		75 (167)	55 (131)	T5	C, D	—	—
PLT (4-pin)	84 (2 x 42)	75 (167)	40 (104)	T6	C, D	T4	E, F, G
		75 (167)	55 (131)	T5	C, D	—	—
		75 (167)	65 (149)	T5	C, D	—	—
		75 (167)	65 (149)	T5	C, D	—	—

“T” Numbers Represent the Maximum Surface Temperature for Class I, Division 1 Locations and Maximum Surface Temperature Under Dust Blanket for Class II, Division 1 Locations.

“T” Number	T1	350	325	T2	T2A	T2B	T2C	T2D	T3	T3A	T3B	T3C	T4	T4A	T5	T6
Temp. Range (°C)	351-450	326-350	301-325	281-300	261-280	231-260	216-230	201-215	181-200	166-180	161-165	136-160	121-135	101-120	86-100	85
Temp Range (°F)	664-842	619-662	574-617	538-572	502-536	448-500	421-446	394-419	358-392	331-356	322-329	277-320	250-275	214-248	187-212	185

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① Available only for 52, 64 and 84 watt fixtures.

② Available in Codemmaster 2 Only

③ Certified to meet the Canadian Electrical Code (CEC) only.


 Appleton  
 FLUORESCENT/AREA: NEC/CEC EXPLOSIONPROOF

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Description	Catalog Number
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### Replacement Parts – 26 W, 32 W, 42 W, 52 W, 64 W and 84 W

	Socket (lampholder) G24Q-4	26 thru 84 W	<b>PLT32RS</b>
	Single Socket Bracket Assembly	26, 32, 42 W	<b>CJSA42</b>
	Double Socket Bracket Assembly	52, 64, 84 W	<b>CSA84</b>

### Lamps

	1 lamp = 26 W; 2 lamps = 52 W	26 W	<b>PLT26</b>
	1 lamp = 32 W; 2 lamps = 64 W	32 W	<b>PLT32</b>
	1 lamp = 42 W; 2 lamps = 84 W	42 W	<b>PLT42</b>

### Connection Block

	For all Code•Master fixtures	<b>VPT-7</b>
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### Fixture and Accessory Weights kg (lb)

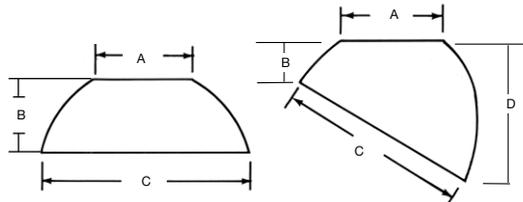
Fixture Size	Fixture Weight	Reflector Weight	Guard Weight
26 W, 32 W, 42 W	6.6 (14.55)	1.4 (3.09)	0.5 (1.10)
52 W, 64 W, 84 W	15.9 (35.05)	1.4 (3.09)	1.1 (2.43)

### Mounting Hood Weights kg (lb)

Pendant	Ceiling	Bracket	Stanchion
0.9 (1.98)	1.8 (3.97)	2.7 (5.95)	0.9 (1.98)

### Reflector Dimensions

Catalog Number	Description	Dimensions in mm (in)				Standard and Deep Dome	30° Angle
		A	B	C	D		
<b>Standard Dome</b>							
KR2-ST	26, 32, 42 W	203.2 (8.00)	152.4 (6.00)	429.3 (16.90)	—		
CMR-4ST	52, 64, 84 W	284.5 (11.20)	149.9 (5.90)	475.0 (18.70)	—		
<b>Deep Dome</b>							
CMR-4DD	52, 64, 84 W	268.2 (10.56)	177.8 (7.00)	515.6 (20.30)	—		
<b>30° Angle</b>							
KR2-AN	26, 32, 42 W	203.2 (8.00)	69.9 (2.75)	378.5 (14.90)	258.3 (10.17)		
CMR-4AN	52, 64, 84 W	268.2 (10.56)	127 (5.00)	410.5 (16.16)	247.7 (9.75)		



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