

Code-Master Jr.™ Incandescent Factory Sealed Lighting Fixtures: Explosion Proof, Dust-Ignition-Proof

Copper-Free Aluminum with Epoxy Finish.

Applications

- Code-Master Junior fixtures are designed to provide safe operation in the presence of hazardous gases, vapours or dusts, defined by the Canadian Electrical Code as Class I, Groups B, C and D, and Class II, Groups E, F and G.

- Examples of these applications are plants where plastics, paints, thinners and petrochemicals are manufactured.

Features

- Suitable for high ambient temperatures and corrosive, wet locations.
- Patented “wireless” design. Threading of fixture unit onto mounting hood makes the electrical connection. The only wiring required is attaching two wires to the connection block and one to the ground screw.
- Safe, easy servicing without disconnecting any wiring. Simply unscrew the body from the mounting hood and service it or immediately replace it with a “stand-by body”. After the body has been serviced, it can then become the next “stand-by body”. Acme double-lead threads speed installation and removal of the body from the hood, requiring only half of the turns and preventing sticking problems that are often encountered with single-lead threads.
- All threaded joints are flame tight.
- Factory sealed. External seals are not required.
- Heat and impact resistant globes have smooth dust-resistant exterior.
- Superior corrosion-resistance, with epoxy powder coat finish.
- Fixture is suitable for mounting globe up or globe down utilizing the pendant, ceiling or wall mounting hoods.
- Optional cast guards protect globes from impact damage. Secured with three stainless steel screws.

Standard Materials

- *Ballast bodies, Mounting Hoods and Guards:* copper-free aluminum (less than 4/10ths of 1% maximum copper content).
- *Globes:* Prismatic, thermal shock resistant glass.



Standard Finishes

- *Fixture Housing, Guards and Hoods:* Epoxy powder coat finish, electrostatically applied for complete, uniform corrosion protection.

Options

- High intensity, extremely low maintenance LED versions are available. Consult factory for details.
- Exd IIB + H₂, Zone 1 rated fixtures add suffix **-Z**.

Compliances

- CSA Approved.
- Class I, Div. 1 & 2, Groups B, C, D. T3B;
- Class I, Zone 1 & 2, Groups IIB, IIA.
- Class II, Div. 1 & 2, Groups E, F, G. T3B;
- Class III
- Type 3R and 4X
- 300VAC/60HZ
- Factory Sealed

CSA Approved
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 Class I, Zone 1 & 2, Groups IIB, IIA;
 Class II, Div. 1 & 2, Groups E, F, G;
 Class III
 Type 3R and 4X
 Exd & H₂

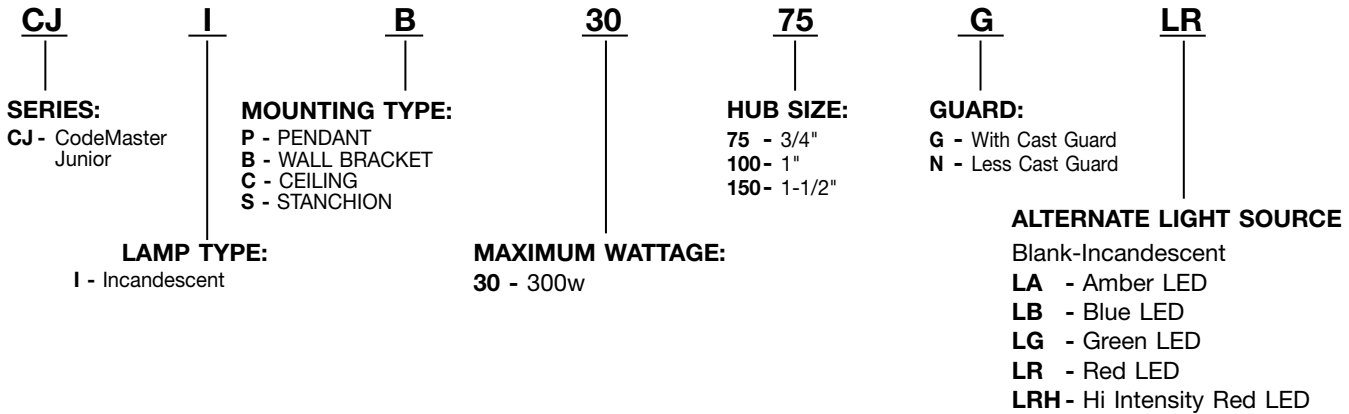
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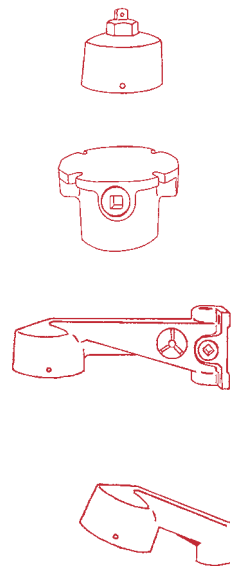
Ordering Information:

Order using catalog numbering guide below or select from the following page.

CATALOGUE NUMBERING GUIDE FOR CODEMASTER JUNIOR LUMINAIRES

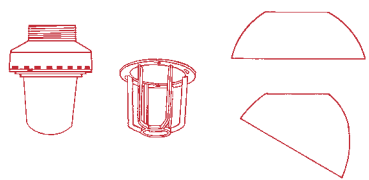


Mounting Hoods Only:



Mounting Type	Hub Size (In.)	Weight	Catalogue Number
Pendant One Hub For Rigid Conduit	3/4 NPT 1 NPT	2 lbs. 2 lbs.	CAP-75 CAP-100
Ceiling Four Hubs Three Close-Up Plugs For Rigid Conduit	3/4 NPT 1 NPT	4 lbs. 4 lbs.	CAC-75 CAC-100
Wall Bracket Four Hubs Three Close-Up Plugs For Rigid Conduit	3/4 NPT 1 NPT	6 lbs. 6 lbs.	CALB-75 CALB-100
Stanchion Bracket One Hub, One 1-1/4" Reducer For Rigid Conduit	1-1/2 NPT	5 lbs.	CAS-150

Fixture Components:



Description	Weight	Catalogue Number
300w A-23, PS-25	10.5 lbs.	CJNC
Cast Guard	.5 lbs.	CJGU-15
Dome Reflector	2.5 lbs.	KR2-ST
Angled Reflector	2.5 lbs.	KR2-AN

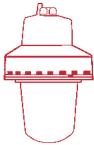



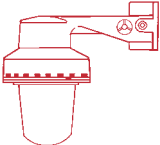
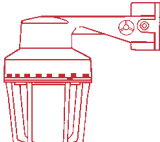
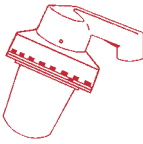

CSA Approved

**Class I, Div. 1 & 2, Groups B, C, D;
Class I, Zone 1 & 2, Groups IIB, IIA;
Class II, Div. 1 & 2, Groups E, F, G;
Class III
Type 3R and 4X
Exd & H₂**



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	Mounting Type	Hub Size	Catalogue Number
	Pendant - Less Guard One Hub Rigid Conduit	3/4" NPT 1" NPT	CJIP3075N
			CJIP30100N
	Pendant - With Guard One Hub	3/4" NPT 1" NPT	CJIP3075G
			CJIP30100G
	Ceiling - Less Guard Four Hubs, Three Close-up Plugs For Rigid Conduit	3/4" NPT 1" NPT	CJIC3075N
			CJIC30100N
	Ceiling - With Guard	3/4" NPT 1" NPT	CJIC3075G
			CJIC30100G
	Wall - Less Guard Four Hubs, Three Close-up Plugs For Rigid Conduit	3/4" NPT 1" NPT	CJIB3075N
			CJIB30100N
	Wall - With Guard	3/4" NPT 1" NPT	CJIB3075G
			CJIB30100G
	Stanchion - Less Guard One Hub, One 1-1/4" Reducer For Rigid Conduit	1-1/2" NPT	CJIS30150N
			CJIS30150G
	Stanchion - With Guard	1-1/2" NPT	CJIS30150G

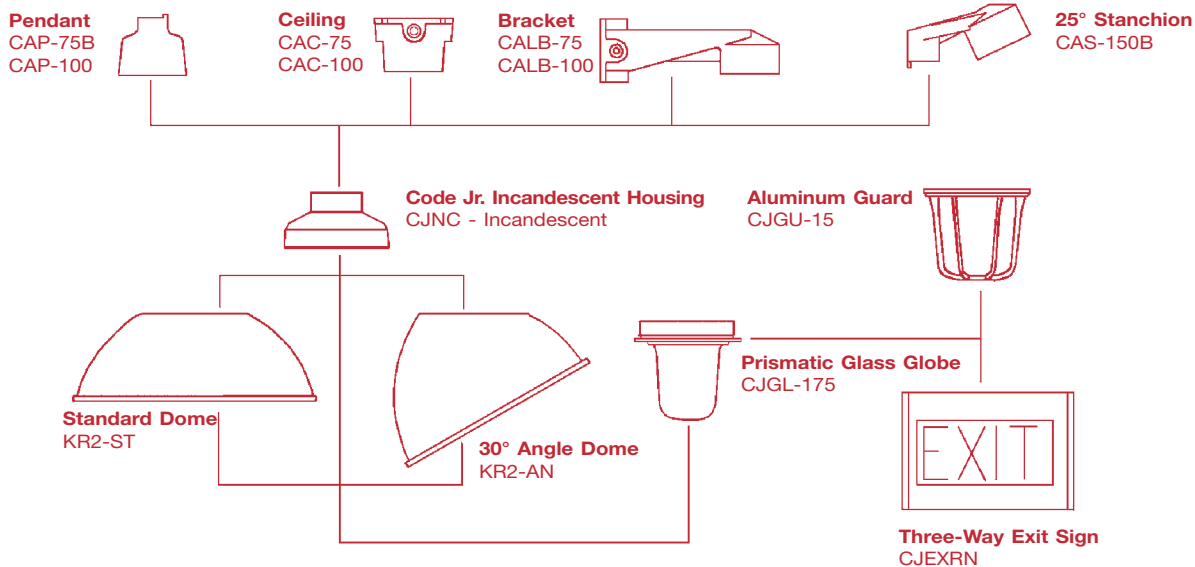
Service Parts

	Description	Catalogue Number
	Globe Thermo-Shock Resistant Glass	CJGL-175
	Contact Block Bakelight & Brass	VPT-7
	Socket Ceramic, medium base socket c/w wire leads	SPF-10051

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Dimensions:

