

ACS SERIES

FLEX WIRING SYSTEM

Cat. #		Approvals
Job	Type	



The Flex³⁺™ flexible wiring system from ACS speeds up the installation of high intensity discharge (HID) industrial lighting fixtures with light sources such as high pressure sodium, metal halide, pulse start metal halide, and Hubbell Lighting's exclusive Electro-Reg[®] 2.0 metal halide ballast system. The Flex³⁺™ modular wiring system requires only three basic components to supply power to lighting fixtures in both highbay and lowbay locations. These components can easily be installed or relocated by simply unplugging and reinstalling connections.

Hubbell provides its fixtures hardwired with the ACS Flex³⁺™ Fixture Cord Drop, ready to plug into the Flex³⁺™ Distribution Cables and Extender Cables (order directly from ACS).

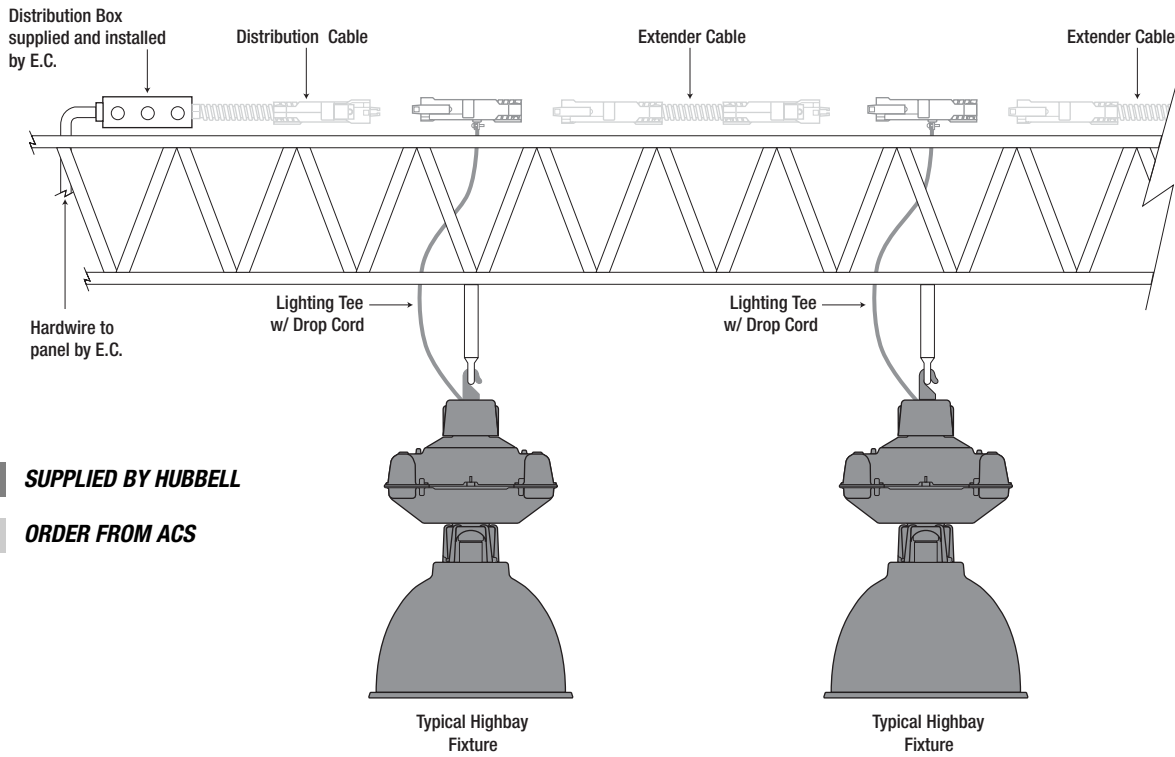
Common Flex³⁺™ applications include highbay and lowbay lighting fixtures in industrial locations such as factories or warehouses and retail locations such as supermarkets and big box retail stores. All components in the Flex³⁺™ system are rated for use on 20 ampere branch circuits and are UL listed and labeled.



The ACS Flex³⁺™ wiring system is compatible with the following Hubbell Lighting industrial fixtures:



Option Suffix	Description	Phasing	Cord	Voltage	Wires/Phase	Length	Voltage Modifier	Color
3 FOOT CORD								
-C1LA03WH	120V Flex Drop Cord	A	-C	1 - 120	LA	3'	–	White
-C1LD03WH	120V Flex Drop Cord	B	-C	1 - 120	LD	3'	–	White
-C1LF03WH	120V Flex Drop Cord	C	-C	1 - 120	LF	3'	–	White
-C1LAD03HVWH	208V Flex Drop Cord	AB	-C	1 - 208	LAD	3'	HV	White
-C1LDF03HVWH	208V Flex Drop Cord	BC	-C	1 - 208	LDF	3'	HV	White
-C1LAF03HVWH	208V Flex Drop Cord	AC	-C	1 - 208	LAF	3'	HV	White
-C1LAD03HVWH	240V Flex Drop Cord	AB	-C	1 - 240	LAD	3'	HV	White
-C1LDF03HVWH	240V Flex Drop Cord	BC	-C	1 - 240	LDF	3'	HV	White
-C1LAF03HVWH	240V Flex Drop Cord	AC	-C	1 - 240	LAF	3'	HV	White
-C2LA03WH	277V Flex Drop Cord	A	-C	2 - 277	LA	3'	–	White
-C2LD03WH	277V Flex Drop Cord	B	-C	2 - 277	LD	3'	–	White
-C2LF03WH	277V Flex Drop Cord	C	-C	2 - 277	LF	3'	–	White
-C3LA03WH	347V Flex Drop Cord	A	-C	3 - 347	LA	3'	–	White
-C3LD03WH	347V Flex Drop Cord	B	-C	3 - 347	LD	3'	–	White
-C3LF03WH	347V Flex Drop Cord	C	-C	3 - 347	LF	3'	–	White
-C2LAD03HVWH	480V Flex Drop Cord	AB	-C	2 - 480	LAD	3'	HV	White
-C2LDF03HVWH	480V Flex Drop Cord	BC	-C	2 - 480	LDF	3'	HV	White
-C2LAF03HVWH	480V Flex Drop Cord	AC	-C	2 - 480	LAF	3'	HV	White
6 FOOT CORD								
-C1LA06WH	120V Flex Drop Cord	A	-C	1 - 120	LA	6'	–	White
-C1LD06WH	120V Flex Drop Cord	B	-C	1 - 120	LD	6'	–	White
-C1LF06WH	120V Flex Drop Cord	C	-C	1 - 120	LF	6'	–	White
-C1LAD06HVWH	208V Flex Drop Cord	AB	-C	1 - 208	LAD	6'	HV	White
-C1LDF06HVWH	208V Flex Drop Cord	BC	-C	1 - 208	LDF	6'	HV	White
-C1LAF06HVWH	208V Flex Drop Cord	AC	-C	1 - 208	LAF	6'	HV	White
-C1LAD06HVWH	240V Flex Drop Cord	AB	-C	1 - 240	LAD	6'	HV	White
-C1LDF06HVWH	240V Flex Drop Cord	BC	-C	1 - 240	LDF	6'	HV	White
-C1LAF06HVWH	240V Flex Drop Cord	AC	-C	1 - 240	LAF	6'	HV	White
-C2LA06WH	277V Flex Drop Cord	A	-C	2 - 277	LA	6'	–	White
-C2LD06WH	277V Flex Drop Cord	B	-C	2 - 277	LD	6'	–	White
-C2LF06WH	277V Flex Drop Cord	C	-C	2 - 277	LF	6'	–	White
-C3LA06WH	347V Flex Drop Cord	A	-C	3 - 347	LA	6'	–	White
-C3LD06WH	347V Flex Drop Cord	B	-C	3 - 347	LD	6'	–	White
-C3LF06WH	347V Flex Drop Cord	C	-C	3 - 347	LF	6'	–	White
-C2LAD06HVWH	480V Flex Drop Cord	AB	-C	2 - 480	LAD	6'	HV	White
-C2LDF06HVWH	480V Flex Drop Cord	BC	-C	2 - 480	LDF	6'	HV	White
-C2LAF06HVWH	480V Flex Drop Cord	AC	-C	2 - 480	LAF	6'	HV	White



Installed Cost Comparison

Backup	Pipe & Wire			FLEX3+™ BY ACS		
	Materials	\$	Labor (hours)	Materials	\$	Labor (hours)
Highbay fixture	25' conduit 3/4 EMT	7.46	1.00	1 - 2EB25	26.51	0.20
Industrial space,	+ 2 couplings			5 - Caddy supports	1.50	0.20
2 circuits,	100' THHN black stranded	6.50	0.40	1 - C2LA03	8.00	0.05
25' centers	2 - 3/4 steel connectors	0.66	0.10	1 - 2PHA	7.42	0.05
35' ceiling,	2 - caddy supports	1.92	0.15	1 - Pre-wire C2LA03	5.00	0.00
panel switching,	1 - Raco 4x2 1/8 box	1.79	0.70	1 - Fixture hook	5.00	0.00
8 fixtures per row	1 - 18/3 Hubbell plug & receptacle	11.65	0.30	1 - Fixture hook		
	1 - fixture hook	5.00	0.00	pre-wire		
			2.65 hrs			0.50 hrs
		\$41.92	\$159.00*		\$61.81	\$30.00*
TOTAL COST			\$200.92			\$91.81

*National \$ average @\$60.00/hr

Due to our continued efforts to improve our products, product specifications are subject to change without notice.



Industrial Lighting

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For more information visit our web site: www.hubbell-ltg.com