

Clear Polycarbonate

Diffused Polycarbonate

Clear Glass

Glass Refractor

CONTENDER™ LED LUMINAIRE FOR HARSH INDUSTRIAL LOCATIONS

APPLICATIONS

- Enclosed and gasketed fixtures suitable for use in:
 - A wide range of industrial, marine and wet location applications
 - Areas of low clearance, low ceiling heights or where fixture weights must be minimized
 - Areas where water inside conduit is an issue
- Typical applications include:
 - Walkways/catwalks
 - Stairwells
 - Tunnels
 - Pipe racks
 - Offshore rigs
 - Vessel lighting
 - Loading Areas
 - Conveyors

FEATURES

- Mounts directly to the following Crouse-Hinds™ Champ® VMV mounting hoods:

Pendant:	APM2, APM3
Flexible Pendant:	HPM2
Ceiling:	CM2, CM3
Wall:	TWM2, TWM3
Quad:	QM25
25° Stanchion:	JM5
Straight Stanchion:	PM5

- Compact light weight low profile design is suited for low mounting heights.
- Customize to the application requirements with four different field replaceable globe options: clear and diffused polycarbonate, clear glass, or prismatic glass refractor.
- Three Correlated Color Temperatures (CCTs) for a wide variety of applications: Cool (5000K), Neutral (4000K) and Warm (3000K)

- Three light output levels for retrofit of HID fixtures up to 175 W.

Nominal Lumens ①	HID Equivalent	Model Number
3300	70–100W	IVMV3LCG5BU
4400	100–150W	IVMV4LCG5BU
5500	150–175W	IVMV5LCG5BU

① Nominal lumen value for 5000K, clear glass globe, Type V. Detailed lumen information is provided in tables in catalog pages.

- Luminaire comes pre-wired with three conductors, approximately 12" long, of 14 AWG TEW wire from the IP68 watertight NPT hub at the top of the luminaire lid.
- Standard 6 kV surge protection.
- Ambient Temperature:
 - BU: -40 °C to +65 °C (-40 °F to +149 °F)
 - BH: -40 °C up to +65 °C (-40 °F up to +149 °F)
- Heavy duty, high temperature silicone rubber gaskets.
- LED L70 rated at 100,000 Hours with a calculated fixture life of 200,000 hours @ +25 °C (+77 °C).
- Field replaceable globes and IP66 rated LED driver.
- Rugged housing with superior thermal design translates to long luminaire life.

OPTIONS

- Glass and polycarbonate globe and glass refractor guards available, purchase separately.
- Compatible with Mercmaster™ LED Low Profile visor, angled reflector, and safety cable accessories, purchase separately.

STANDARD MATERIALS

- Luminaire body: cast copperfree (4/10 of 1% max.) aluminum
- All hardware: stainless steel
- Globe: polycarbonate or glass
- Refractor: heat-resistant prismatic glass
- Glass globe guard: stainless steel wire
- Glass refractor guard: die cast aluminum
- Reflector: fiberglass reinforced white polyester

STANDARD FINISHES

- Luminaire bodies and glass refractor guard: gray epoxy powder coat finish, electrostatically applied for complete uniform protection

DESIGNLIGHTS™ CONSORTIUM

- Check DLC QPL for current list of products.

NEC/CEC RATINGS

- cCSAus Listed
- Suitable for use in Wet Locations
- Marine Outside Type (Salt Water) For USA ONLY
- Type 3R, 4 and 4X
- IP66/67

NEC/CEC CERTIFICATIONS AND COMPLIANCES

- UL Standard: UL 1598, Third Edition; UL 1598A, First Edition; UL 8750, Second Edition
- CSA Standard: C22.2 No. 250.0-08; C22.2 No. 250.13-14
- cCSAus Listed: Master contract 164460; Certificate Number 7017002

✦ Crouse-Hinds is a registered trademarks of Cooper Crouse-Hinds.

APPLETON™

For product information:
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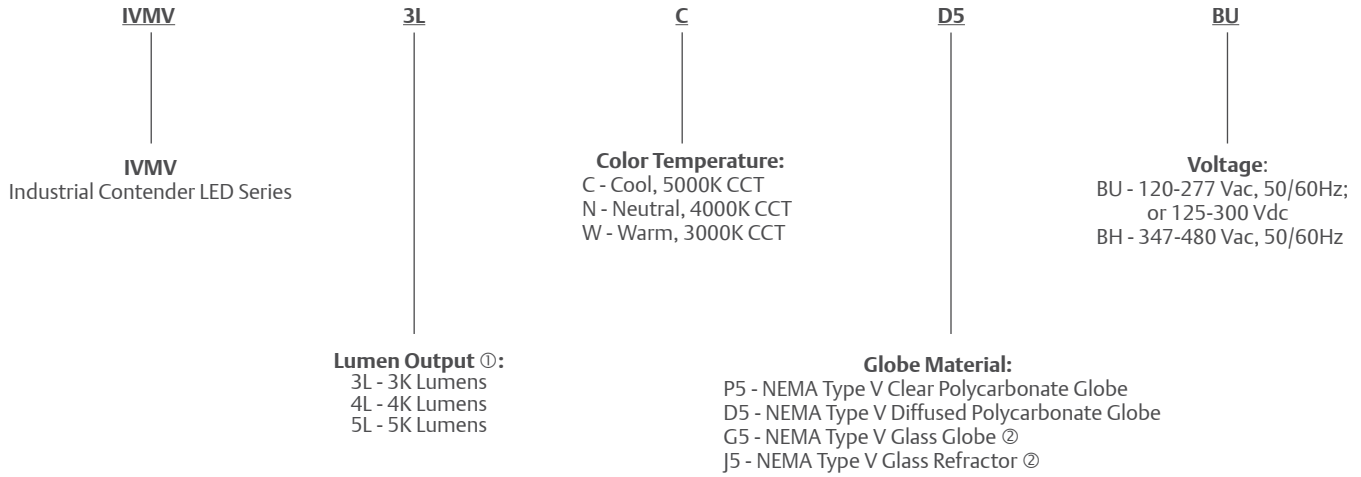

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CONTENDER™ LED LUMINAIRES FOR HARSH INDUSTRIAL LOCATIONS

Example Part Number:IVMV3LCD5BU

This is an Industrial Contender™ LED Series luminaire with 3000 lumen output, 5000K CCT color temperature, with a NEMA Type V Diffused Polycarbonate Globe. The voltage is 120-277 Vac, or 125-300 Vdc 50/60Hz.



		IVMV3L			IVMV4L			IVMV5L		
Voltage Range	BU	120–277 Vac, 125–300 Vdc, 50/60Hz								
	BH	347–480 Vac, 50/60Hz								
Input Power (@ 120V)		28W			38W			48W		
Color Temperature (CCT)		5000K	4000K	3000K	5000K	4000K	3000K	5000K	4000K	3000K
– P5 Lumens		3200	3000	3000	4200	4000	3900	5300	5000	4900
– D5 Lumens		3100	2900	2900	4100	3900	3800	5150	4900	4800
– G5 Lumens		3300	3100	3100	4400	4200	4100	5500	5200	5100
– J5 Lumens		3000	2800	2800	4000	3800	3700	4900	4650	4600
Line Current		0.28 @ 120V 0.13 @ 277V	0.10 @ 347V 0.06 @ 480V		0.38 @ 120V 0.16 @ 277V	0.13 @ 347V 0.08 @ 480V		0.48 @ 120V 0.20 @ 277V	0.16 @ 347V 0.10 @ 480V	
T-Code (@ 65°C simultaneous use)		T4			T4			T4		
Ambient Temperature		-40°C to +65°C (-40°F to +149°F)								
CCT/CRI		4000K/3000K/ 5000K/70 CRI								
Fixture Weight		5.4 kg (11.8 lb)								
Lifetime Warranty		60,000+ hours; 5 years								

① For specific lumen output information, see Lumen Output Chart.

② Guards for the glass refractors and globes are ordered separately. See the Accessories for more information.

Note: All values in table are +/- 10% tolerance