

JVTC LINKABLE/FIXTURE TO FIXTURE OR SINGLE POWERED TRI-PROOF IP69K & IK10 RATED VAPOR TIGHT SERIES



PRODUCT DESCRIPTION

The **JVTC Series** of Vapor Tight fixtures are a highly durable and robust series of Tri-Proof lights designed for production areas, parking facilities and any other area of application where harsh conditions have to be countered. Its polycarbonate housing is cast from a single mold and therefore absolutely dust and waterproof.

Its Ingress Protection rating of IP69K assures that it can truly be used indoor and outdoor under all conditions. Improved end-caps featuring a rotary knob system allow for tool-free wiring and assure a very fast and almost effortless installation of the Continuous Run series.

A massive internal aluminum core provides stability and assures good thermal conditions for up to 480 pcs of 0.5W SMD2835 chips as well as the internal isolated power driver. This modern and efficient Tri-Proof light is available in several wattage starting from 40W to 60W.

STANDARD FEATURES

Construction and Materials

- Aluminum PCB / Rust Corrosion Mounting Clips / Polycarbonate Housing in Cast Single Mold / Waterproof and Dust-proof End-Caps
- Rotary knob for tool-free wiring and fast installation
- Single installation or as continuous line
- 5FT Power Cord
- IP68 Cable Gland
- Standard surface mounting bracket

Optical System

- 120° Light Distribution

Electrical System

- Input Power: 40W / 60W
- Input Voltage: 100-277VAC 50/60Hz
- Efficacy: 130 lm/W on average
- Power Factor: >0.90
- CRI: >80
- Operating Temp: -22°F to 113°F (-30°C to 45°C)
- Total Harmonic Distortion: <15%
- Integral Surge Protection: L/N-PE: 4kV, L-N: 4kV

Dimming and Controls

- 0-10V Dimming Standard

Certifications and Compliance

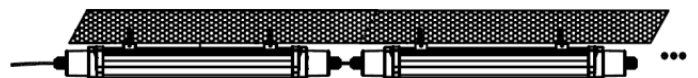
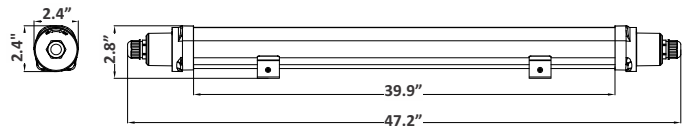
- UL Listed
- Ingress Protection: IP65 & IP69K Suitable for Wet Locations
- RoHS compliant.
- Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated Emissions
- **Lifetime Based on TM21:** L70 @ 163,000Hrs / L80 @ 141,000Hrs / L90 @ 127,000Hrs



PERFORMANCE SUMMARY

Input Power	40W / 60W
Max Dimensions	47.2" X 2.4" X 2.4"
Efficacy	130 lm/W
CRI	80 CRI Standard
CCT	5000K
Input Voltage	100-277VAC
Dimming & Control	0-10V Continuous Dimming Standard
Ingress Protection	IP69K Rated (Dust & Waterproof)
Mounting	Surface Mount Standard
Lifetime Based on TM21	L70 @ 163,000Hrs L80 @ 141,000Hrs L90 @ 127,000Hrs
Limited Warranty	10 Years

PRODUCT DIMENSIONS



OPTIONAL FEATURES

- 10FT or 16FT Power Cord Options
- EM15 & EM20 Emergency Battery Pack Options



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Values are nominal.
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SPECIFICATION SUBMITTAL DETAIL

Project Name/Type:		Date:
Catalog/Part #:		

JVTC SERIES CONTINUOUS RUN TRI-PROOF IP69K & IK10 RATED VAPOR TIGHT SERIES

ORDERING INFORMATION / EXAMPLE: JVTC4-40W-50K

Product	Input Voltage	CCT/Color Temp.	CRI	Light Distribution	Dimming	Lens Type	Other Options
JVTC4-40W JVTC4-60W	Blank (100-277VAC)	50K (5000K)	Blank (80 CRI)	Blank (120-Degree)	Blank (0-10V Dimming) Standard	Blank (Diffused/Frosted)	Blank (5FT Power Cord) Standard PWC10 (10FT Power Cord) PWC16 (16FT Power Cord) BMW0 (Bi-Level Field Programmable Microwave Occ. Sensor)

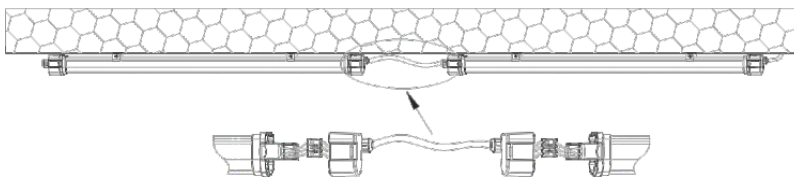
FIELD INSTALLED OPTIONS

EM15	Field installed EM15 battery backup
EM20	Field installed EM20 battery backup

LUMEN PERFORMANCE AND ELECTRICAL DATA

Model Number	JVTC4-40W	JVTC4-60W
Maximum Dimensions	47.2" x 2.8" x 2.4"	47.2" x 2.8" x 2.4"
Input Power	40W	60W
Efficacy (lm/W)	138	137
Initial Lumens (lm)	5486.9	8406.3
CCT	5000K	5000K
Input Voltage	100-277VAC	
CRI	>80	
THD @ 120VAC	≤15%	
Power Factor	>0.9	
Ingress Protection	IP69K for Wet Locations	
Integral Surge Protection	L/N-PE: 4kV, L-N: 4kV	
Maximum Weight	4.08 lbs. (1.85 kgs)	4.08 lbs. (1.85 kgs)
Certifications & Compliance	UL Listed / FCC / RoHS	
Standard Control Specification	0-10V Dimming	
Construction	Aluminum PCB / Rust Corrosion Mounting Clips / Polycarbonate Housing in Cast Single Mold / Waterproof and Dustproof End-Caps	
Light Distribution	120°	
Working Temp	-22°F to 113°F (-30°C to 45°C)	
Lifetime Based on TM21	L70 @ 163,000Hrs / L80 @ 141,000Hrs / L90 @ 127,000Hrs	
Limited Warranty	10 Yrs.	

The maximum number of quantity for linkable installation:
(linkable version is not available for 8FT Model)

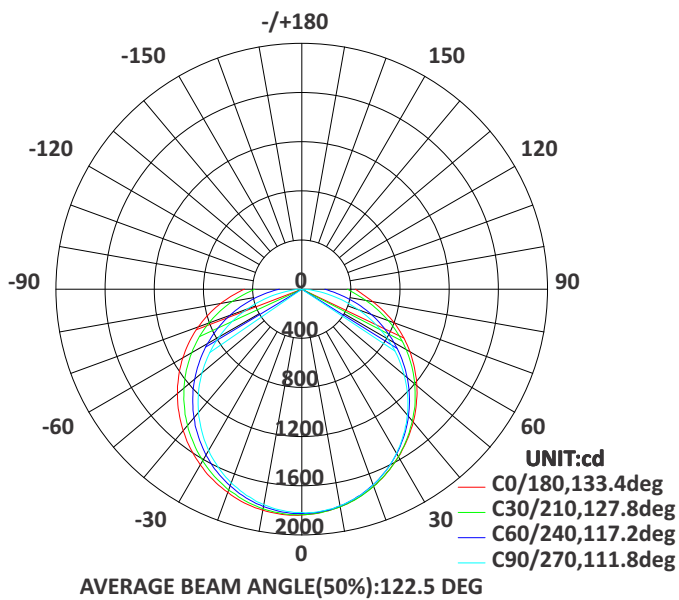


Wattage	Voltage	Quantity
40W	120V AC	36 PCS
	230V AC	70 PCS
	277V AC	84 PCS
60W	120V AC	18 PCS
	230V AC	35 PCS
	277V AC	42 PCS



PHOTOMETRY

JVTC4-40W



JVTC4-60W

