



# **VAPOR**

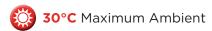




IK08 Impact Resistance







#### **SPECIFICATION**

- LED Colour Temperature 4000K
- Colour rendering index > 80
- Projected L70 after 50,000 hours
- Power Factor 0.89 at full load
- IP68 In-line Connectors
- Light weight low profile luminaire

- Optional Surge Protection 10kV/10kA
- LSFOH and Fire Resistant Cable Options
- Integral 3 hour Emergency (option)
- End or top Entry Connections for housing
- Through wiring available

## **240V RANGE OVERVIEW**

Type	System Power	сст	Lumen Output	CRI
2ft	20W	4000k	2400lm	>80
4ft	34W	4000k	4100lm	>80
5ft	47W	4000k	5600lm	>80

## 110V RANGE OVERVIEW

Туре	System Power	сст	Lumen Output	CRI
2ft	22W	4000K	2400lm	>80
4ft	37W	4000K	4100lm	>80
5ft	50W	4000K	5600lm	>80

#### **MECHANICAL CHARACTERISTICS**

Housing Material	GRP
Cover Material	Polycarbonate
Ingress Protection Rating	IP66
Weight (2ft/4ft/5ft)	1.0kg/2.0kg/2.5kg
Impact Resistance Rating	IK08
Mounting Methods	Surface or Suspended

All information detailed within this datasheet is accurate at the date of issue.

The information provided is subject to change at our discretion.

If any questions arise or extra information is required, please contact TRT Lighting directly.









## **240V ELECTRICAL CHARACTERISTICS**

	2ft	4ft	5ft	
System Power	20W	34W	47W	
LED CCT	4000k			
LED CRI	>80			
Lumen Output	2400lm	4100lm	5600lm	
Lumen Maintenance	Projected L70 after 50,000 hours			
Driver Current	350mA	320mA	360mA	
Driver Output	Constant current output with AM dimming			
Power Factor	0.89	0.95	0.95	
Operational Voltage	240V			
Operating Frequency	50/60Hz			
Inrush Current (Apk/50%-uS)	8A/80uS	6A/80uS	6A/80uS	
Running Current	0.11A max	0.16A max	0.22A max	
Surge Protection (COM/DIF)	2kV/1kV	2kV/1kV	2kV/1kV	
Additional Surge Protection (on request)	10kV/10kA (on request)			
Dimming Protocols	DALI	DALI	DALI	
Dim Level	1-100%	25-100%	25-100%	
Max. driver qty on MCB 16A Type C	100	40	40	
Insulation Class	Class I			
ptional Connections & Pre-cabled with LSFOH or Arctic Grade prough Wiring PVC Cable with IP68 in-line connectors				

## 110V ELECTRICAL CHARACTERISTICS

	2ft	4ft	5ft	
System Power	22W	37W	50W	
LED CCT		4000k		
LED CRI		>80		
Lumen Output	2400lm	4100lm	5600lm	
Lumen Maintenance	Projected L70 after 50,000 hours			
Driver Current	350mA	320mA	360mA	
Driver Output	Constant current output with AM dimming			
Power Factor	0.89	0.95	0.95	
Operational Voltage	110V			
Operating Frequency	50/60Hz			
Inrush Current (Apk/50%-uS)	18A/88uS	23A/120uS	21A/240uS	
Running Current	0.25A max	0.36A max	0.48A max	
Surge Protection (COM/DIF)	1kV	1kV	1kV	
Additional Surge Protection (on request)	10kV/10kA			
Dimming Protocols	0-10V	0-10V	0-10V	
Dim Level	5-100%	5-100%	5-100%	
Max. driver qty on MCB 16A Type C	140	83	25	
Insulation Class	Class I			
Optional Connections & Through Wiring	Pre-cabled with LSFOH or Arctic Grade PVC Cable with IP68 in-line connectors			

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