

**7** 7 Years  
Product Warranty  
UK Only

**2** 2 Years  
On-Site Warranty  
Main-land UK Only



# Trent 3 Sensor Dim

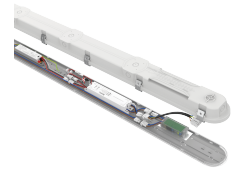
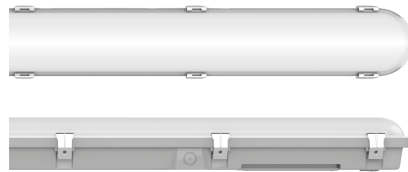
07839 TRE35F48-SCT/S

## Trent 3 Sensor 5ft non-corrosive 27-48W CCT switchable

- Switchable CCT (3000/4000/6000k)
- High efficiency up to 175lm/W
- 4 Switchable wattages for each model
- Optional plug-in emergency modules available in manual, self-test and DALI
- Durable and rugged IK10 polycarbonate construction
- DALI-2 DT 6, DSI, switchDIM, corridor FUNCTION V2 option available
- Suitable for through-wiring
- Opal diffuser

### Overview

Trent has a range of lengths from 2 ft to 6 ft. All are CCT switchable with settings for 3000k, 4000k and 6000k as well as wattage switchable with 4 settings allowing for customization in situ.



**IP65**



### General Information

Ambient Temperature Range (°C)	-20°C to 50°C
IK Rating	IK10
IP Rating	IP65
Protection Rating	Class I
Installation Area	Internal and External
L80B10 Lifetime (h) @Ta 25 °C	54,000 h

### Compliance

LVD	EN 60598-1:2024, EN 60598-2-1:2021, EN 62031:2020, EN 62493:2015+A1:2022
EMC	EN 55015:2019+A11:2020, EN 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, EN 61547:2023
Others	UKCA, CE, RoHS, WEEE

### Technical Summary

Product Code	TRE35F48-SCT/S
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	45A/100 µs
Settable Wattages	27W, 34W, 41W, 48W
Driver Code/Part number	Merrytek MCLxxC-NPS
Power Factor	0.90
Settable Colour Temperatures	3000K, 4000K, 6000K
SDCM of CCT	<6
CRI	82
Dimmable	N
Flicker	<1%
Lumens Output Maximum	8,160 lm
Maximum Efficiency	150 lm/W
Maintained Luminous Flux	350 lm
L70B50 Lifetime (h) @Ta 25 °C	54,000 h
L80B10 Lifetime (h) @Ta 25 °C	54,000 h
L90B10 Lifetime (h) @Ta 25 °C	51,000 h
Nominal Lifetime (h)	50,000 h
Glow wire temperature(°C)	650
Blue Light Hazard	RG1
Weight	1.9Kg
Dimensions (L x W x D) (mm)	1570x99x82
LS Energy Efficiency Class	D

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## Optional Gear

Product Code	Description	Type
BEM303/SST	BEM Duo 3W Manual/Self test emergency module for Kosnic batters	Emergency Module
BEM303/DA	BEM 3W DALI switchable for Kosnic Batters	Emergency Module

## Accessories

Product Code	Description	Type
SUS-BTN04	Suspension for Niva Kasai Kennet Milo Congo Trent Avon Indus, 4 wires included, max. 1m drop	Suspension Kit
SUS-BTN04/25	Batten Suspension Kits 2.5m length, 4 wires included	Suspension Kit

## Overview

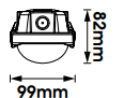
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Rated Power (W)	Current (mA)	CCT (k)	Luminous Flux (lm)	Power Factor
27	135	3000 Warm White	3800	0.9
27	135	4000 Cool White	4000	0.9
27	135	6000 Day Light	3800	0.9
34	164	3000 Warm White	4800	0.93
34	164	4000 Cool White	5100	0.93
34	164	6000 Day Light	4800	0.93
41	194	3000 Warm White	5500	0.95
41	194	4000 Cool White	6000	0.95
41	194	6000 Day Light	5500	0.95
48	224	3000 Warm White	6300	0.95
48	224	4000 Cool White	7000	0.95
48	224	6000 Day Light	6300	0.95



Product Code	Length(mm)
TRE32F18-SCT	668
TRE34F35-SCT	1270
TRE35F48-SCT	1570
TRE36F62-SCT	1870

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Built-in Sensor used in	TRE32F18-SCT/S, TRE34F36-SCT/S, TRE35F48-SCT/S, TRE36F62-SCT/S
Sensor Type	Microwave
Input Voltage	12Vdc
Working Mode	5V PWM dimming
HF System	5.8GHz ± 75MHz ISM band / 0.5 mW max
Stand-by Power	<0.5 W
Protection	IP20
Transmitting power	≤0.5 mW
Mounting Height	6m (Max)
Detection Area Radius	≥4m (mounting height 3m, moving speed 0.3m/s) (100% / 50%)
Detection Angle	90° (wall mounted) / 130° (ceiling mounted)
Hold time	5s / 5min / 10min / 30min
Daylight sensor	30Lux / 50Lux / 100Lux / 150Lux / Disable Daylight Priority: (ON 30 / 50 / 100Lux); (OFF 150 / 200Lux)
Stand-by DIM level	10% / 30%
Stand-by time	0s / 3min / 10min / +∞ (+∞ = Daylight priority mode)



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