

7 Years
Product Warranty
UK Only

2 Years
On-Site Warranty
Main-land UK Only



Trent III

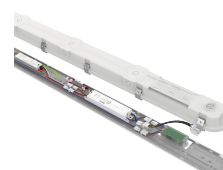
07831 TRE32F18-SCT

Trent III 2ft non-corrosive 10-18W CCT/W switchable

- Switchable CCT (3000/4000/6000k)
- High efficiency up to 160lm/W
- 4 Switchable wattages for each model
- Optional plug-in Emergency or ON/OFF sensorDALI
- Durable and rugged IK10 polycarbonate construction
- DALI-2 DT 6, DSI, switchDIM, corridor FUNCTION V2 option available
- Corridor sensor option available
- Suitable for through-wiring
- Opal diffuser

Overview

Trent III 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

Technical Summary

Product Code	TRE32F18-SCT
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	20A / 100µs
Settable Wattages	10W, 12W, 15W, 18W
Driver Code/Part number	Tridonic LC xxW
Power Factor	0.90
Settable Colour Temperatures	3000k, 4000k, 6000k
SDCM of CCT	<6
CRI	82
Dimmable	N
Flicker	<1%
Maximum Efficiency	141 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	0.9Kg
Dimensions (L x W x D) (mm)	668x99x82

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Optional Gear

Product Code	Description	Type
BEM303	Batten UEM 3W emergency module for battens	Emergency Module
BEM303/ST	Batten UEM 3W Self test emergency module for battens	Self-test Emergency Module
RMW-AC	Compact Plug in microwave motion & daylight sensor	Microwave Sensor
PIR-SID	P30 Exterior PIR Sensor Side-Mount with RMT-UNI control	PIR Sensor

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
RMT-UNI	Universal Remote Control for Kosnic motion sensors	Remote Control

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Rated Power (W)	Current (mA)	CCT (k)	Luminous Flux (lm)	Power Factor
10	48	3000 Warm White	1300	0.9
10	48	4000 Cool White	1400	0.9
10	48	6000 Day Light	1300	0.9
12	56	3000 Warm White	1500	0.93
12	56	4000 Cool White	1700	0.93
12	56	6000 Day Light	1500	0.93
15	69	3000 Warm White	1900	0.95
15	69	4000 Cool White	2100	0.95
15	69	6000 Day Light	1900	0.95
18	82	3000 Warm White	2200	0.95
18	82	4000 Cool White	2500	0.95
18	82	6000 Day Light	2200	0.95

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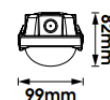
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Product Code	Length(mm)
TRE32F18-SCT	668
TRE34F35-SCT	1270
TRE35F48-SCT	1570
TRE36F62-SCT	1870

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Installation Area	Internal and External

Optional Sensor Code	RMW-AC (Not suitable for DALI version)
Sensor Type	Microwave
Input Voltage	220-240Vac 50/60Hz
Working Mode	On/Off
HF System	5.8GHz ± 75MHz ISM band / 0.5 mW max
Standby Power	≤0.5 W
Protection	IP20
Transmitting power	≤0.5 mW
Load	400W (Inductive) 800W (resistive) @ 230Vac
Mounting Height	Max 6 m
Detection Area Radius	Max 5 m (100 % / 75 % / 50 % / 25 % settings) (set by DIP switch or remote control)
Detection Angle	150° wall mounting, 360° ceiling mounting
Hold time	5 sec / 1 min / 5 min / 30 min (set by DIP switch or remote control)
Daylight sensor	30 lux / Disabled (set by DIP switch) 30 lux / 100 lux / 300 lux / Disabled (set by remote control)
Override Function	Yes
Corridor Function	No

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