

## LED CONTROLLER CONTINUOUS LIGHTING SYSTEM



### SPECIFICATION

- Extruded aluminium trunking finished full polyester non-yellowing satin white (RAL 9016)
- Steel body finished full polyester non-yellowing satin white (RAL 9016)
- Polycarbonate diffuser: Carefully controlled nanoprism optic version for LG7:2015 (<3000 cd/m<sup>2</sup> @ 65°) compliance or opal version
- Polycarbonate end caps with concealed fixings
- Fire-retardant external plastic parts
- Designed to exclude dust, dirt and flies
- Pre-installed wiring loom, module sockets at 750mm intervals
- Plug and socket connections between trunking joints
- Modules click fit using stainless steel spring (requires a standard screwdriver to release)
- Smart versions with intelligent lighting control
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- Fitted with 4000K LEDs

## LED CHARACTERISTICS

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	67K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>85%
REPLACEABLE	YES
POWER FACTOR	>0.9

LL/CW **138.8**

For LED characteristics explanation see [www.thorlux.com/led-guide](http://www.thorlux.com/led-guide)

### SmartScan Configurations



Find out more at [www.thorlux.com/smartsan](http://www.thorlux.com/smartsan)

## 1 TRUNKING RANGE

DESCRIPTION	CAT. No.	APPROX. kg
1.5m	ZP 16412	1.6
3.0m	ZP 16411	3.2
4.5m	ZP 16410	4.8
Elbow joint	ZP 16556	0.2
Tee joint	ZP 16557	0.3
Crossover joint	ZP 16558	0.4

## 2 LUMINAIRE MODULE RANGE

	NOMINAL SIZE (mm)	LED	OPAL VERSION	LOW GLARE VERSION	APPROX. kg	CIRCUIT
SMART	1500	15W	KZ 18979	KZ 18987	3.3	D/SS
		22W	KZ 18980	KZ 18988	3.3	D/SS
		36W	KZ 18981	KZ 18989	3.3	D/SS
		43W	KZ 18982	KZ 18990	3.3	D/SS
		53W	KZ 19007		3.3	D/SS
STANDARD	1500	15W	KZ 18995	KZ 19003	3.2	L/A
		22W	KZ 18996	KZ 19004	3.2	L/A
		36W	KZ 18997	KZ 19005	3.2	L/A
		43W	KZ 18998	KZ 19006	3.2	L/A
		53W	KZ 19009		3.2	L/A

CIRCUIT TYPE - suffix catalogue number with:

**SMART** D - Smart / SS - SmartScan

**STANDARD** L - non-dimming / A - dimming (DALI) e.g. KZ 18979SS etc.

EMERGENCY VERSION - prefix catalogue number with:

**EKZ** - Emergency (Not available when selecting the 'SS' suffix)

**WKZ** - SmartScan (Only available when selecting the 'SS' suffix) e.g. WKZ 18979SS etc.

## 3 MODULE OPTIONS

DESCRIPTION	CAT. No.	APPROX. kg
Presence detector module	ZP 16432	0.9
SmartScan Firefly Emergency (area downlighter)	WZP 16435	1.3
SmartScan Firefly Emergency (corridor downlighter)	WZP 16436	1.3
1 x 24W spotlight module (30° beam angle)	ZP 16559	1.6
2 x 24W spotlight module (30° beam angle)	ZP 16560	2.3

## 4 FINISHING COMPONENTS

DESCRIPTION	CAT. No.	APPROX. kg
Trunking snap-in infill lid (nominal 1.5m lengths to be cut as required)	ZP 16413	0.30
Trunking end kit (1 kit required per row, includes live end and dead end)	ZP 16414	0.35
Wire suspension kit* (3m length)	ZP 16415	0.05
Surface mounting kit*	ZP 16689	0.04

\* see the mounting point spacing table for required quantities page 2



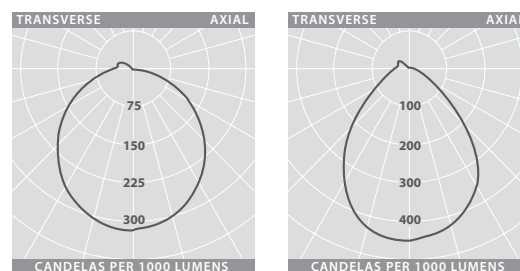
Smart version

## MOUNTING POINT SPACING TABLE

Based on a maximum spacing of 2.5m between points. The first and last points are 500mm from each end. These apply to both suspended and surface mounting.

TOTAL LENGTH	QUANTITY	SPACING
4.5m	3	1.750m
6.0m	3	2.500m
7.5m	4	2.167m
9.0m	5	2.000m
10.5m	5	2.375m
12.0m	6	2.200m
13.5m	6	2.500m
15.0m	7	2.334m
16.5m	8	2.215m
18.0m	8	2.429m
19.5m	9	2.313m
21.0m	9	2.500m
22.5m	10	2.389m
24.0m	11	2.300m
25.5m	11	2.450m
27.0m	12	2.364m
28.5m	12	2.500m
30.0m	13	2.417m
31.5m	14	2.347m
33.0m	14	2.462m
34.5m	15	2.393m

## PHOTOMETRIC GUIDE



### OPAL VERSION

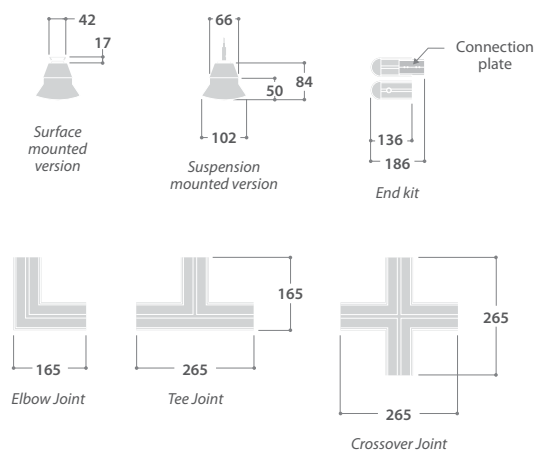
Luminaire Lumen Output:  
 15W = 2380lm  
 22W = 3330lm  
 36W = 5270lm  
 43W = 6250lm  
 53W = 7680lm

### LOW GLARE VERSION

Luminaire Lumen Output:  
 15W = 2480lm  
 22W = 3470lm  
 36W = 5490lm ●  
 43W = 6510lm ●

● Exceeds LG7:2015 3000 cd/m<sup>2</sup> limit

## DIMENSIONS



**i** For more information on the Zipline continuous LED system visit [www.thorlux.com/zipline](http://www.thorlux.com/zipline)