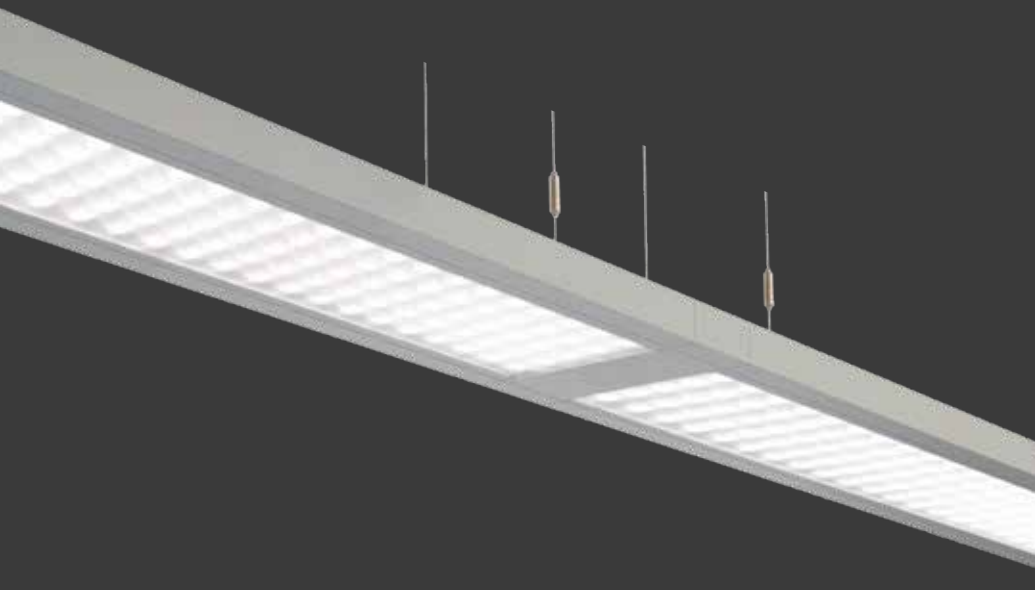


# THORLUX LIGHT LINE INTEGRA



CONTINUOUS SUSPENDED DIRECT/  
INDIRECT LED LUMINAIRES WITH  
ANCILLARY CABLE CHANNEL



## SPECIFICATION

- Extruded aluminium body and cable channel with die-cast ends finished light textured silver (RAL 9006)
- Direct/indirect illumination
- Extruded polycarbonate microprism lens LG7:2015 (<3000cd/m<sup>2</sup> @ 65°)
- High efficiency satinised polycarbonate uplight diffuser
- Continuously mounted using link kits
- Supplied fully assembled
- Supplied with easily adjustable wire suspensions and fitted plug and socket connections
- Fitted with 4000K LEDs

## RANGE - Order luminaire type, end kit and link kits/infill sections as required

	NOMINAL SIZE (mm)	LED	CAT. No.	APPROX. kg	CIRCUIT
SMART	1500	24W	LL 17604	9.7	D/SS
		31W	LL 16158	9.7	D/SS
		42W	LL 16157	9.7	D/SS
STANDARD	1500	24W	LL 17605	9.6	L/A
		31W	LL 16154	9.6	L/A
		42W	LL 16153	9.6	L/A

CIRCUIT TYPE - suffix catalogue number with:

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

**STANDARD** L - non-dimming (LED) / A - dimming (DALI) e.g. LL 17604SS etc.

EMERGENCY VERSION - prefix catalogue number with:

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

**TLL** - AutoTest

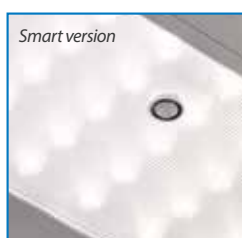
**WLL** - SmartScan (Only available when selecting the 'SS' suffix)

e.g. **WLL 17604SS** etc.

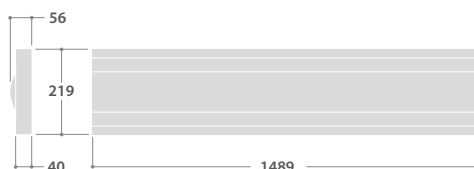
Add 0.3kg to weights listed.

## ACCESSORIES

DESCRIPTION	CAT. No.	APPROX. kg
Link kit (see page 5)	LL 14329	0.4
End kit 2 ends per kit (see page 5)	LL 14330	1.6
Surface wiring tidy (see page 5)	LL 14331	0.4
Cable channel snap-in lid (2.4m)	LL 14366	0.2



## DIMENSIONS



## LED CHARACTERISTICS

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	90K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>85%
REPLACEABLE	YES
POWER FACTOR	>0.9
LL/CW	123.4

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)

## INFORMATION

End to end continuous system consists of luminaires joined with a link kit and finished with an end kit.

### CONTINUOUS LUMINAIRE COMPRISES:

Body assembly with one earth shielded cable channel on each side, fitted plug and socket connections, and microprism lens. Four single point wire suspensions supplied.

### LINK KIT COMPRISES:

65mm link extrusion and fasteners.

### END KIT COMPRISES:

Two aluminium ends and one 8-core supply cable with fitted plugs.

Acoustic attenuation wings must be ordered separately see **page 3**.

# THORLUX LIGHT LINE INTEGRA INFILL SECTIONS

## INFILL SECTIONS



### SPECIFICATION

- Extruded aluminium finished light textured silver (RAL 9006)
- Sections supplied assembled for rapid installation using easily adjustable wire suspensions, and fitted plug and socket connections
- 8W LED Mina-S spotlight option (45° beam angle)
- SmartScan Emergency version with integral Firefly for wireless reporting



Mina-S  
8W LED version

### SmartScan Configurations

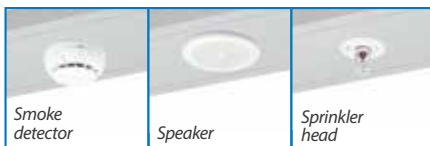


Find out more at [www.thorlux.com/smartscan](http://www.thorlux.com/smartscan)

## INFORMATION

Continuous system consists of luminaires joined with an infill section (see table) or link kit (see page 5) and each run is finished with an end kit.

SmartScan emergency versions incorporate the Firefly (area lens) complete with the wireless communication benefits of SmartScan.



Smoke  
detector

Speaker

Sprinkler  
head

### INFILL SECTION COMPRISES:

Appropriate length of extrusion, interconnecting wiring, cover lid and fasteners.

### END KIT COMPRISES:

Two aluminium ends and one 8-core supply cable with fitted plugs.

### WALL END KIT COMPRISES:

One galvatite bracket, one aluminium end assembly and supply connection plugs.

Acoustic attenuation wings must be ordered separately see **page 3**.

## INFILL SECTIONS - Luminaire Range (see page 1)

LENGTH (mm)	PLAIN	APPROX. kg	SMARTSCAN EMERGENCY (AREA LENS)	APPROX. kg	MINA-S 8W LED ▲ (45° BEAM)	APPROX. kg
494	<b>LL 14314</b>	2.7				
797	<b>LL 14315</b>	3.0	<b>WLL 18296</b>	3.6		
970	<b>LL 14316</b>	3.8	<b>WLL 18297</b>	4.4		
1189	<b>LL 14317</b>	4.6	<b>WLL 18298</b>	5.2		
1489	<b>LL 14318</b>	5.6	<b>WLL 18299</b>	6.2	<b>LL 17694</b>	6.0

▲ Cannot be switched independently from adjacent luminaires.  
Externally fitted and wired switch required even on Smart versions

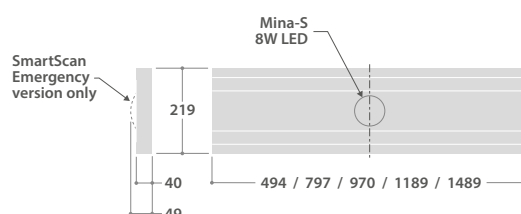
## ACCESSORIES

DESCRIPTION	CAT. No.	APPROX. kg
End kit 2 ends per kit (see page 5)	<b>LL 14330</b>	1.6
Wall end kit wall bracket to fit infill only	<b>LL 14333</b>	1.3
Surface wiring tidy (see page 5)	<b>LL 14331</b>	0.4
Cable channel snap-in lid (2.4m)	<b>LL 14366</b>	0.2

Wall end kit bracket



## DIMENSIONS



SmartScan Emergency  
with Integral Firefly  
(area lens) version

# THORLUX LIGHT LINE INTEGRA AC

Audio clarity is essential for effective listening. To meet the needs of resonant environments wings containing fire-retardant acoustic foam can be added to the Thorlux Light Line Integra to provide necessary acoustic attenuation.

The acoustic performance of the Thorlux Light Line Integra has been independently tested at Sound Research Laboratories. Acoustic performance is measured as the rate of reverberation decay over a specific period; the faster sound decays, the lower the reverberation time and the better the acoustic properties of the space. More detailed performance data for the Thorlux Light Line Integra is available upon request from our Technical Department.





# THORLUX LIGHT LINE INTEGRA AC



## ACOUSTIC ATTENUATION WING KITS

### SPECIFICATION

- Perforated steel finished light textured silver (RAL 9006)
- Fire-retardant acoustic foam

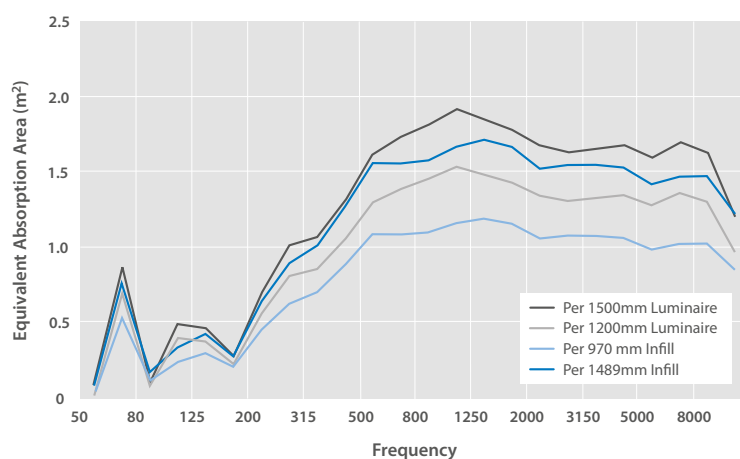
## INFORMATION

Attenuating side wings are supplied separately for safe storage until "final fix".

### ACOUSTIC ATTENUATION WING KIT COMPRISES:

Pair of wings filled with fire-retardant acoustic foam.

## ACOUSTIC ABSORPTION PERFORMANCE



## RANGE

DESCRIPTION	CAT. No.	APPROX. kg
<b>To fit luminaires</b>		
1189mm Luminaire wing kit	<b>LL 14343</b>	2.3
1489mm Luminaire wing kit	<b>LL 14344</b>	2.9
<b>To fit infill sections</b>		
494mm Infill wing kit	<b>LL 14334</b>	1.2
797mm Infill wing kit	<b>LL 14335</b>	1.9
970mm Infill wing kit	<b>LL 14336</b>	2.3
1189mm Infill wing kit	<b>LL 14337</b>	2.8
1489mm Infill wing kit	<b>LL 14338</b>	3.5

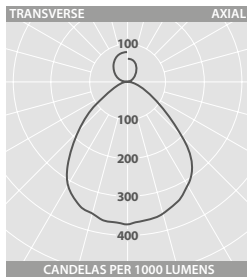
## ACCESSORY

DESCRIPTION	CAT. No.	APPROX. kg
Wing end kit <i>one kit required per row</i>	<b>LL 14339</b>	0.6

NOTE: Acoustic attenuation wings are only suitable for use with systems using infill sections

# THORLUX LIGHT LINE INTEGRA

## PHOTOMETRIC GUIDE

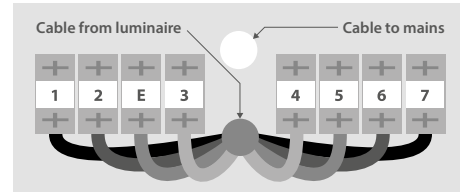


### LED

Luminaire Lumen Output:  
24W = 4015lm  
31W = 5020lm  
42W = 6485lm ●

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

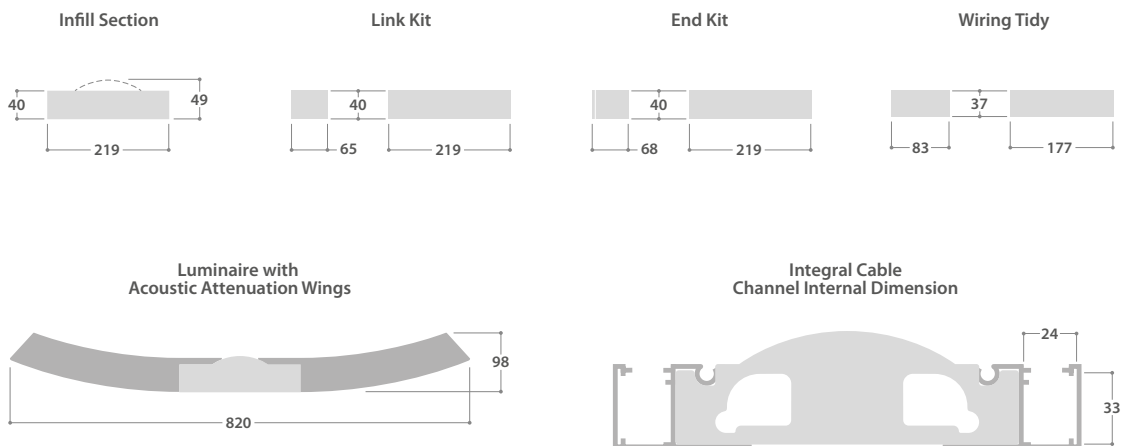
## SURFACE WIRING TIDY



1 = Switched live\*      4 = 1-10V or Motionline  
2 = Neutral            5 = 1-10V or Motionline  
E = Earth              6 = Scanlight AT DALI  
3 = Un-switched live   7 = Scanlight AT DALI

\*Switches main luminaires and infills fitted with Mina-S 8W

## DIMENSIONS



# THORLUX LIGHT LINE INTEGRA

## TYPICAL SUSPENSION OPTIONS

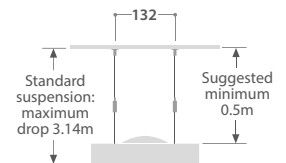
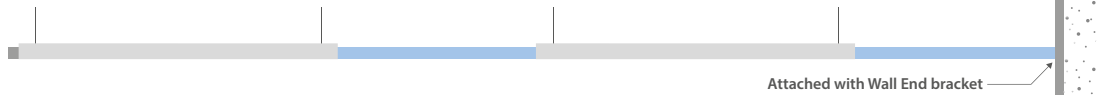
**Luminaires End to End** NOTE: Acoustic attenuation wings are only suitable for use with systems using infill sections



**Luminaires and Infill Sections**



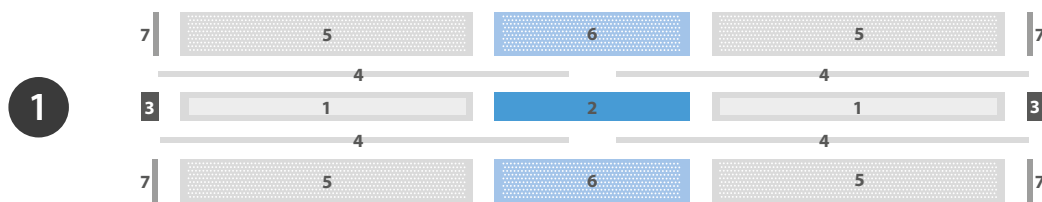
**Infill Section to End Wall**



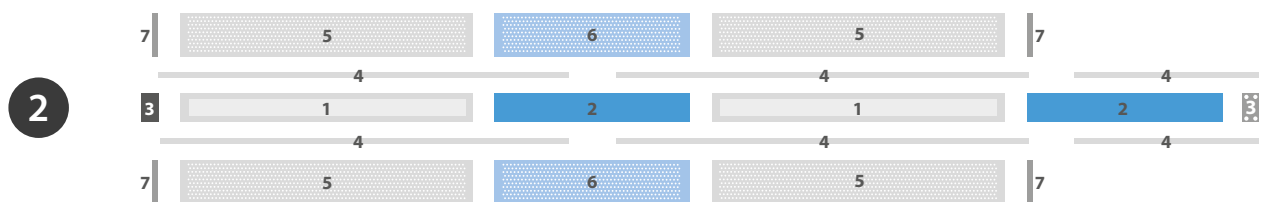
Continuous Luminaires   End Kit - 2 ends per kit   Link Kit   Infill Section   Wall End Kit

## ORDERING EXAMPLES

Free Mounting



Wall Mounting



## FREE MOUNTING

1

DESCRIPTION	CAT. No.	QUANTITY
<b>Required Components</b>		
1 42W Thorlux Light Line Integra	LL 16157	2
2 970mm Plain infill	LL 14316	1
3 End kit 2 ends per kit	LL 14330	1
4 Cable channel snap-in lid 2.4m	LL 14366	4
<b>Optional Acoustic Wings</b>		
5 1489mm Luminaire wing kit	LL 14344	2
6 970mm Infill wing kit	LL 14336	1
7 Wing end kit one kit required per row	LL 14339	1

## WALL MOUNTING

2

DESCRIPTION	CAT. No.	QUANTITY
<b>Required Components</b>		
1 42W Thorlux Light Line Integra	LL 16157	2
2 970mm Plain infill	LL 14316	2
3 Wall end kit wall bracket to fit infill only	LL 14333	1
4 Cable channel snap-in lid 2.4m	LL 14366	5
<b>Optional Acoustic Wings</b>		
5 1489mm Luminaire wing kit	LL 14344	2
6 970mm Infill wing kit	LL 14336	1
7 Wing end kit one kit required per row	LL 14339	1