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5 Year Warranty

As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries. www.thornlighting.com/warranty
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THORN

Direct point for point
fluorescent replacements

Up to 67%
Energy saving

PopPack LED Batten



Fast. Simple. Affordable.

Thorn Contractor Range

Fast. Simple. Affordable.

We offer products with outstanding quality, easy installation and competitive prices. All of this is provided to you in close cooperation with your local wholesaler.

Save time. Save money. Save energy.

With our comprehensive portfolio you can realise smaller and larger projects in a fast, cost-effective and energy-efficient manner. According to project requirements, solutions with conventional technology as well as high performance LED luminaires can be realised - depending on your budget.



For more product information, **download our free Thorn Lighting Contractor app**

Suitable for mobile and tablet.



Ordering Guide - HF versions

Description	SAP Code	Cat. No.
PopPack LED 4000K, Col 840		
POPPACK LED3000-840 HF L1200	96242241	PP3000Z4F
POPPACK LED4500-840 HF L1200	96242245	PP4500Z4F
POPPACK +LED7000-840 HF L1200	96628127	PP7000Z4F
POPPACK LED4000-840 HF L1500	96643378	PP4000Z5F
POPPACK LED6000-840 HF L1500	96643382	PP6000Z5F
POPPACK LED6500-840 HF L1800	96242249	PP6500Z6F
PopPack LED with 3hr integral emergency 4000K, Col 840		
POPPACK LED3000-840 HF L1200	96242242	PP3000ZE4F
POPPACK LED4500-840 HF L1200	96242246	PP4500ZE4F
POPPACK +LED7000-840 HF L1200	96628128	PP7000ZE4F
POPPACK LED4000-840 HF L1500	96643379	PP4000ZE5F
POPPACK LED6000-840 HF L1500	96643383	PP6000ZE5F
POPPACK LED6500-840 HF L1800	96242250	PP6500ZE6F
Poppack LED with pre-wired PIR sensor 4000K, Col 840		
POPPACK LED3000-840 HF L1200	96627653	PP3000ZS4F
POPPACK LED4500-840 HF L1200	96627654	PP4500ZS4F
POPPACK +LED7000-840 HF L1200	96628129	PP7000ZS4F
POPPACK LED4000-840 HF L1500	96643390	PP4000ZS5F
POPPACK LED6000-840 HF L1500	96643391	PP6000ZS5F
POPPACK +LED9000-840 HF L1500	96628130	PP9000ZS5F
POPPACK LED6500-840 HF L1800	96627655	PP6500ZS6F

HF - Fixed output electronic driver
HFI - DALI dimmable driver

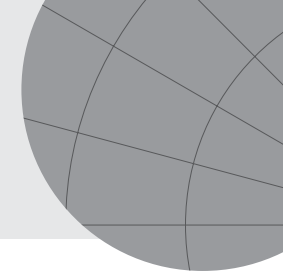
Ordering Guide - HFI (DALI) versions

Description	SAP Code	Cat. No.
PopPack LED 4000K, Col 840		
POPPACK LED3000-840 HFI L1200	96242243	PP3000D4F
POPPACK LED4500-840 HFI L1200	96242247	PP4500D4F
POPPACK +LED7000-840 HFI L1200	96643386	PP7000D4F
POPPACK LED4000-840 HFI L1500	96643380	PP4000D5F
POPPACK LED6000-840 HFI L1500	96643384	PP6000D5F
POPPACK +LED9000-840 HFI L1500	96643388	PP9000D5F
POPPACK LED6500-840 HFI L1800	96242251	PP6500D6F
PopPack LED with 3hr integral emergency 4000K, Col 840		
POPPACK LED3000-840 HFI L1200	96242244	PP3000DE4F
POPPACK LED4500-840 HFI L1200	96242248	PP4500DE4F
POPPACK +LED7000-840 HFI L1200	96643387	PP7000DE4F
POPPACK LED4000-840 HFI L1500	96643381	PP4000DE5F
POPPACK LED6000-840 HFI L1500	96643385	PP6000DE5F
POPPACK +LED9000-840 HFI L1500	96643389	PP9000DE5F
POPPACK LED6500-840 HFI L1800	96242252	PP6500DE6F
Accessories		
POPPACK LED Wire Suspension Kit 2m	96627711	PPSUS2M
POPPACK LED Wire Guard 1,2m	96627902	PPWG4F
POPPACK LED Wire Guard 1,5m	96628147	PPWG5F
POPPACK LED Wire Guard 1,8m	96627903	PPWG6F

Product Dimensions



Replaces:
3000lm - 1x36W T8
4000lm - 1x58W T8
6000lm - 2x58W T8



Performance

- LED 1:1 replacement for single and twin T8/T5 (35W up to 80W) fluorescent battens.
- Further savings can be achieved via the DALI dimmable version in combination with remote presence/daylight sensors.
- Over 110Llm/W – exceeding building regulation requirements.
- 50 000 hour rated life, equivalent to 16 years at 12 hours per day, 5 days per week operation.
- Integral 3 hour emergency option reduces installation time and complexity.



Construction

- Batten: pre-coated roll form steel, white (RAL9016).
- End caps/lamp holders: injection moulded polycarbonate, white.
- Diffuser: textured opal acrylic.

Installation

- 4/6 way terminal block with capacity for loop in/out 2,5mm² cables.
- Detachable LED engine for easy installation and replacement.
- Ambient temperature: -20 to +25° for the standard product, 0 to +25° for the emergency versions, normal, dry, indoor atmospheres.
- Fixation to central BESA fixing or entrance through spine. Through wiring possible through knock out holes in the spine and end caps. Easy alignment through slots in the spine.
- Bare battens can be mounted end-to-end (except emergency versions - recommended minimum space between luminaires 50mm).

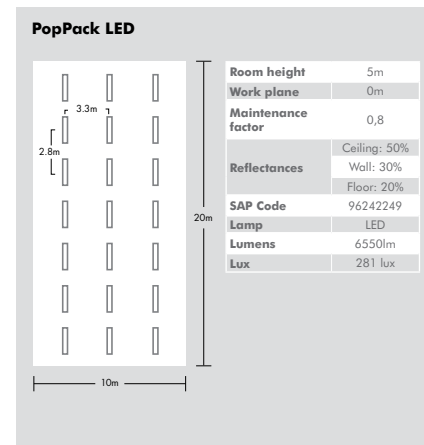
Energy and cost savings



Based on:

- Warehouse facility, complete building point for point upgrade.
- Luminaires - 10 x 6500lm LED vs 10 x 2x58W switch start.
- Usage - 12hrs/day, 5 days per week, 3120hrs/year.
- Energy price - £0.12/KWh.

Sample Layout



LAMP TYPE	LAMP LENGTH	LAMP WATTAGE	POPPACK LED REPLACEMENT
T8 SINGLE	2FT	1 x 18W	PP2000Z2F
	4FT	1 x 36W	PP3000Z4F
	5FT	1 x 58W	PP4000Z5F
	6FT	1 x 70W	PP6500Z6F
T8 TWIN	8FT	1 x 100W	PP6500Z6F
	2FT	2 x 18W	PP2000Z2F
	4FT	2 x 36W	PP7000Z4F
	5FT	2 x 58W	PP6000Z5F
T5 SINGLE	6FT	2 x 70W	PP9000Z5F
	8FT	2 x 100W	BY REQUEST
	2FT	1 x 14W	PP2000Z2F
	2FT	1 x 24W	PP2000Z2F
T5 TWIN	4FT	1 x 28W	PP3000Z4F
	5FT	1 x 35W	PP4000Z5F
	5FT	1 x 49W	PP4000Z5F
	4FT	1 x 54W	PP4500Z4F
	5FT	1 x 80W	PP6000Z5F
T8 TWIN	2FT	2 x 14W	PP2000Z2F
	2FT	2 x 24W	PP2000Z2F
	4FT	2 x 28W	PP4500Z4F
	5FT	2 x 35W	PP6000Z5F
	5FT	2 x 49W	PP6000Z5F
	4FT	2 x 54W	PP7000Z4F
	5FT	2 x 80W	PP9000Z5F

The above table is a guide for replacement of similar PopPack fluorescent luminaires, using the closest LED alternative offer



Standards

