iLight Pluggable Wiring Accessories

For use with the LCC-10 and LCMD-10

LCC-10
Lighting Connection Centre

Overview

iLight offer a full range of wiring accessories to compliment the Solo LCC-10 Lighting Connection Centre for stand alone applications and for the LCMD-10 DALI LCM for networked applications. A selection of sensors, plugs, t-pieces and extension leads can be combined together to deliver a complete lighting solution from one source.

LCMD-10
DALI LCM

Part Number	Description	Ref	Wiring Diagram
ACCPL-6P-01-B	6-pole line Plug Connector - Blue/Black (LCM/LCC) - Black Shell	-	
ACCPL-6P-01-R	6-pole line Plug Connector - Blue/Black (LCM/LCC) - Red Shell	-	
ACCP-6P-01	6-pole line Plug Connector - Blue/Black (Extender lead)	-	
ACCS-6P-01	6-pole line Socket Connector - Blue/Black (Extender lead)	-	
ACCT-6P-03	6-pole Moulded Tee Piece	T	

LCM Accessories	Part Number	Description	Ref	Wiring Diagram
Luminaire leads - LCM to Open Ends	LUPX-6P-3C-3M	6-pole Luminaire Lead - 3-core 3 metre - LCM Plug to Open Ends 1.0mm² cable	1	
	LUPX-6P-3C-5M	6-pole Luminaire Lead - 3-core 5 metre - LCM Plug to Open Ends 1.0mm² cable		
Available in 3m & 5m lengths	LUPX-6PR-4C-3M	6-pole Luminaire Lead - 4-core 3 metre - LCM Plug to Open Ends - Red Connector 1.0mm²	2	
	LUPX-6PR-4C-5M	6-pole Luminaire Lead - 4-core 5 metre - LCM Plug to Open Ends - Red Connector 1.0mm²		
	LUPX-6P-5C-3M	6-pole Luminaire Lead - 5-core 3 metre - LCM Plug to Open Ends 1.0mm² cable	3	
	LUPX-6P-5C-5M	6-pole Luminaire Lead - 5-core 5 metre - LCM Plug to Open Ends 1.0mm² cable		
	LUPX-6PR-6C-3M	6-pole Luminaire Lead - 6-core 3 metre - LCM Plug to Open Ends - Red Connector 1.0mm²	4	
	LUPX-6PR-6C-5M	6-pole Luminaire Lead - 6-core 5 metre - LCM Plug to Open Ends - Red Connector 1.0mm²		

Wiring reference 1:
N — Neutral — Blue
E — Earth — Grn/Yel
L — Live 1 — Brown

Wiring reference 2:
1 — Permanent Live — Black
N — Neutral — Blue
E — Earth — Grn/Yel
L — Live 1 — Brown

Wiring reference 3:
3 — DALI + — Red
2 — DALI - — White
N — Neutral — Blue
E — Earth — Grn/Yel
L — Live 1 — Brown

Wiring reference 4:
3 — DALI + — Red
2 — DALI - — White
1 — Permanent Live — Black
N — Neutral — Blue
E — Earth — Grn/Yel
L — Live 1 — Brown

Extension leads - LCM to T	Part Number	Description	Ref	Wiring Diagram
	EXTPLS-6P-4C-3M	6-pole 4-Core 3 metre Extender Lead - LCM to T - 1.5mm²	5	
Available in 3m & 5m lengths	EXTPLS-6P-4C-5M	6-pole 4-Core 5 metre Extender Lead - LCM to T - 1.5mm²		
	EXTPLS-6P-5C-3M	6-pole 5-Core 3 metre Extender Lead - LCM to T - 1.5mm²	6	
	EXTPLS-6P-5C-5M	6-pole 5-Core 5 metre Extender Lead - LCM to T - 1.5mm²		
	EXTPLS-6P-6C-3M	6-pole 6-core 3 metre Extender Lead - LCM to T - 1.5mm²	7	
	EXTPLS-6P-6C-5M	6-pole 6-core 5 metre Extender Lead - LCM to T - 1.5mm²		

Wiring reference 5 (Extension LCM - T):
1 — Permanent Live — Black
N — Neutral — Blue
E — Earth — Grn/Yel
L — Live 1 — Brown

Wiring reference 6 (Extension LCM - T):
DALI + — Red
DALI - — White
Neutral — Blue
Earth — Grn/Yel
Live 1 — Brown

Wiring reference 7 (Extension LCM - T):
DALI + — Red
DALI - — White
Permanent Live — Black
Neutral — Blue
Earth — Grn/Yel
Live 1 — Brown

T Piece Accessories

Luminaire leads - T to Open Ends

Available in 1m & 3m lengths

Part Number	Description	Ref	Wiring Diagram
LUPLX-6P-3C-1M	6-pole Luminaire Lead - 3-core 1 metre - T Plug to Open Ends 1.0mm² cable	8	Luminaire Leads - T to Open Ends — 3 / 2 / 1 / N Neutral Blue / E Earth Grn/Yel / L Live 1 Brown
LUPLX-6P-3C-3M	6-pole Luminaire Lead - 3-core 3 metre - T Plug to Open Ends 1.0mm² cable		
LUPLX-6PR-4C-1M	6-pole Luminaire Lead - 4-core 1 metre - T Plug to Open Ends - Red Connector 1.0mm²	9	Luminaire Leads - T to Open Ends — 3 / 2 / 1 Permanent Live Black / N Neutral Blue / E Earth Grn/Yel / L Live 1 Brown
LUPLX-6PR-4C-3M	6-pole Luminaire Lead - 4-core 3 metre - T Plug to Open Ends - Red Connector 1.0mm²		
LUPLX-6P-5C-1M	6-pole Luminaire Lead - 5-core 1 metre - T Plug to Open Ends 1.0mm² cable	10	Luminaire Leads - T to Open Ends — 3 DALI + Red / 2 DALI - White / 1 / N Neutral Blue / E Earth Grn/Yel / L Live 1 Brown
LUPLX-6P-5C-3M	6-pole Luminaire Lead - 5-core 3 metre - T Plug to Open Ends 1.0mm² cable		
LUPLX-6PR-6C-1M	6-pole Luminaire Lead - 6-core 1 metre - T Plug to Open Ends - Red Connector 1.0mm²	11	Luminaire Leads - T to Open Ends — 3 DALI + Red / 2 DALI - White / 1 Permanent Live Black / N Neutral Blue / E Earth Grn/Yel / L Live 1 Brown
LUPLX-6PR-6C-3M	6-pole Luminaire Lead - 6-core 3 metre - T Plug to Open Ends - Red Connector 1.0mm²		

Extension Leads - T to T

Available in 3m & 5m lengths

Part Number	Description	Ref	Wiring Diagram
EXTPS-6P-4C-3M	6-pole 4-Core 3 metre Extender Lead - T to T - 1.5mm²	12	3 / 2 / 1 Permanent Live Black / N Neutral Blue / E Earth Grn/Yel / L Live 1 Brown
EXTPS-6P-4C-5M	6-pole 4-Core 5 metre Extender Lead - T to T - 1.5mm²		
EXTPS-6P-5C-3M	6-pole 5-Core 3 metre Extender Lead - T to T - 1.5mm²	13	3 DALI + Red / 2 DALI - White / 1 / N Neutral Blue / E Earth Grn/Yel / L Live 1 Brown
EXTPS-6P-5C-5M	6-pole 5-Core 5 metre Extender Lead - T to T - 1.5mm²		
EXTPS-6P-6C-3M	6-pole 6-core 3 metre Extender Lead - T to T - 1.5mm²	14	3 DALI + Red / 2 DALI - White / 1 Permanent Live Black / N Neutral Blue / E Earth Grn/Yel / L Live 1 Brown
EXTPS-6P-6C-5M	6-pole 6-core 5 metre Extender Lead - T to T - 1.5mm²		

LCC-10 Sensor Leads

Part Number	Description	Ref	Wiring Diagram
SL-6P-4C-3M	Sensor Lead - 4-core 3 metre Male - Plug to Phoenix Connectors to suit Solo Sensors (Switching Applications)	15	
SL-6P-4C-5M	Sensor Lead - 4-core 5 metre Male - Plug to Phoenix Connectors to suit Solo Sensors (Switching Applications)		
SL-6P-6C-3M	Sensor Lead - 6-core 3 metre Male - Plug to Phoenix Connectors to suit Solo Sensors (Dimming Applications)	16	
SL-6P-6C-5M	Sensor Lead - 6-core 5 metre Male - Plug to Phoenix Connectors to suit Solo Sensors (Dimming Applications)		*Earth conductor to be terminated by installer

Available in 3m & 5m lengths

LCMD-10 Sensor Leads

Part Number	Description	Ref	Wiring Diagram
SL-6P-2+5C-3M	Sensor Lead - 5-core + 2 Core DALI Sens - 3 metre Male - Plug to Phoenix Connectors to suit DALI PIR	17	Luminaire
SL-6P-2+5C-5M	Sensor Lead - 5-core + 2 Core DALI Sens - 5 metre Male - Plug to Phoenix Connectors to suit DALI PIR		DALI Sensor

Available in 3m & 5m lengths

BESA Box and Drop Leads

Part Number	Description	Wiring Diagram
ACCS-6PW-BESA	6-pole BESA Box Mounted Socket	
ACCP-6PW-BESA	6-pole White Plug to Suite BESA Mounted Socket	
LUPX-6PW-5C-1M-BESA	6-pole Luminaire Lead - 5-core 1.0 metre - Plug to Open Ends - White Connector 1.0mm² cable - To suit BESA box	3 DALI + Red / 2 DALI - White / 1 / N Neutral Blue / E Earth Grn/Yel / L Live 1 Brown
LUPX-6PW-6C-1M-BESA	6-pole Luminaire Lead - 6-core 1.0 metre - Plug to Open Ends - White Connector 1.0mm² - To suit BESA box	3 DALI + Red / 2 DALI - White / 1 Permanent Live Black / N Neutral Blue / E Earth Grn/Yel / L Live 1 Brown

Application Examples

Diagram showing how the iLight pluggable wiring accessories can be used within the space.

Examples using both the LCC-10 for stand alone DALI dimming and switching and the LCMD-10 for networked DALI dimming.
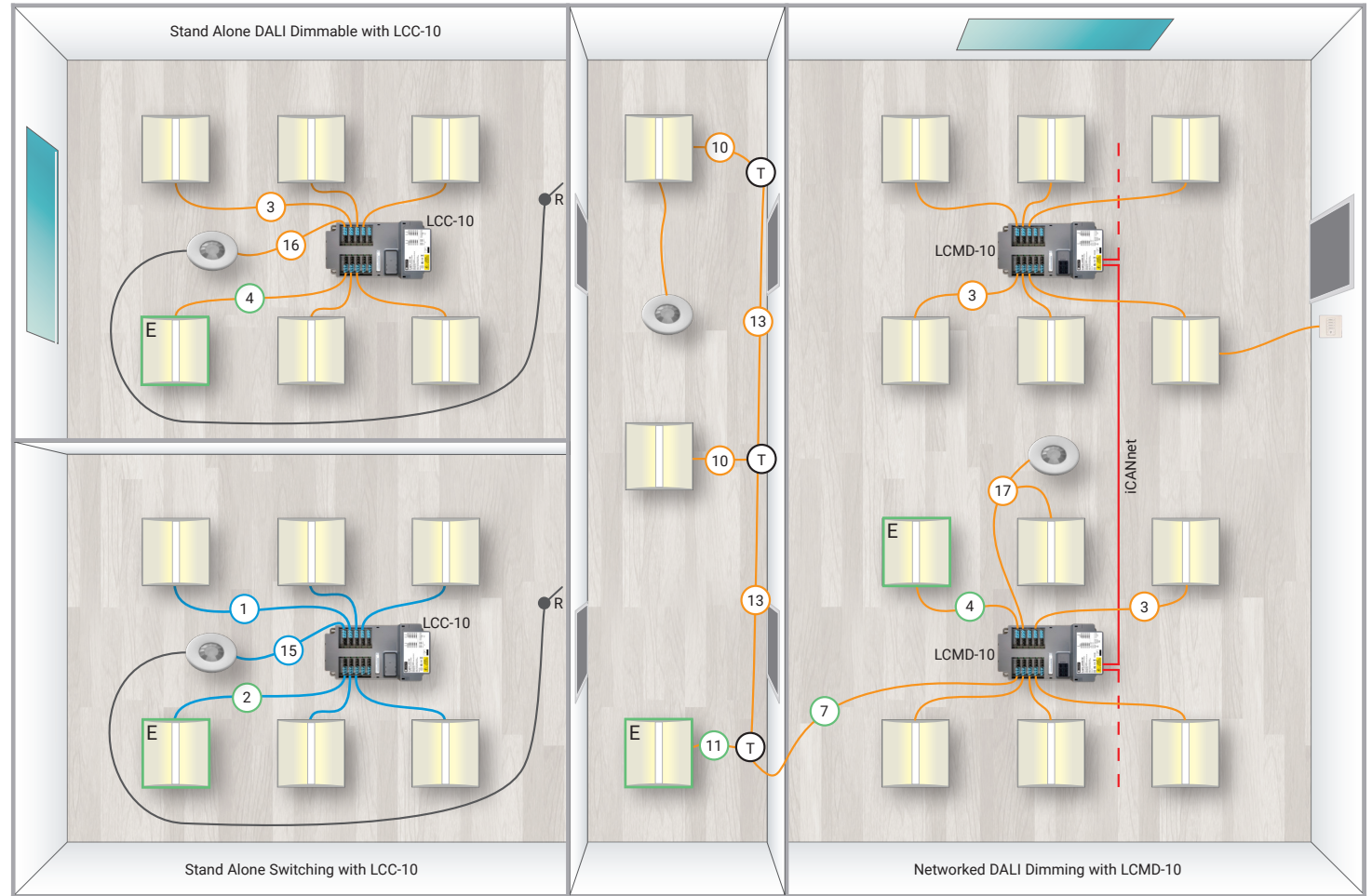
For the reference numbers refer to the 'Ref' column in the tables above. Example: ②

- 🟧 Dimming
- 🟦 Switching
- 🟩 **E** Emergency

iLight Sensors

iLight provide a comprehensive range of sensors for use with Solo stand alone (230V) solutions, Enterprise DALI applications as well as a range or low voltage and network sensors for use with the wider iLight lighting control system.

Visit iLight.co.uk/sensors

Stand Alone DALI Dimmable with LCC-10

LCC-10

Stand Alone Switching with LCC-10

LCMD-10

iCANnet

LCMD-10

Networked DALI Dimming with LCMD-10

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CE

bsi
ISO 9001
Quality
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Systems
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