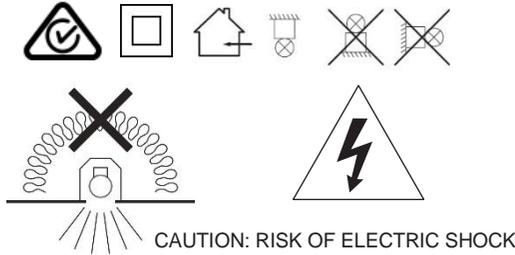


ROYAL PANEL LED

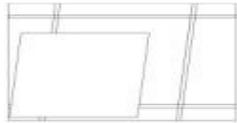


Installation Instructions

- Please read these instructions carefully before installation. For commercial / industrial use only.
- Must be installed by a licensed electrician in accordance with local wiring regulations.
- Warranty is subject to installation being carried according to these instructions.
- Disconnect mains power supply before installing, servicing or maintaining the luminaire.
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- Warning: if the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or similar qualified person in order to avoid a hazard.
- Warning Do Not Cover luminaire, risk of overheating or fire if the clearance distances are compromised.
- The minimum clearance distance from the top of the luminaire to any normally flammable building element or insulation is 100mm.
- The minimum clearance distance from the sides of the luminaire to any normally flammable building element or insulation is 50mm.
- Changes to design; we reserve the right to change the design and/or specification without prior notice.

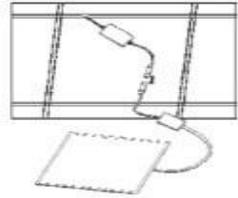
A: T-BAR CEILING

1 - Remove the ceiling tile



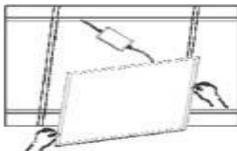
(Picture 1)

2 – Connect the Flex and Plug



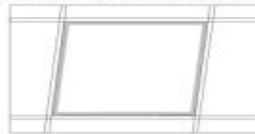
(Picture 2)

3 – Fit the panel in the T-bar



(Picture 3)

4 – Re-connect the power



(picture 4)

NOTE: Please order Project Plaster Frame (PPF) for **plasterboard ceiling** installations:

PPF 1200x300	96648974
PPF 600x300	96648976
PPF 600x600	96648977
PPF 1200x600	96648975

THORN

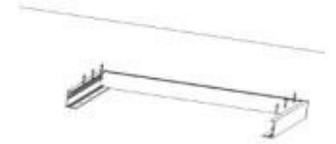
B: SURFACE MOUNT KIT

1 – Fix the Surface Mounting kit to the ceiling



(Picture 1)

2 – Connect the Flex and Plug



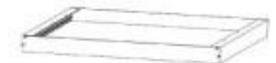
(Picture 2)

3 – Slide the Royal LED fitting in the frame



(Picture 3)

4 – Close the frame and re-connect the power



(Picture 4)

ROYAL LED SURFACE MOUNTING KIT 12x3

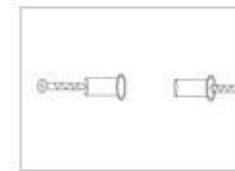
96540976

ROYAL LED SURFACE MOUNTING KIT 6x6

96540977

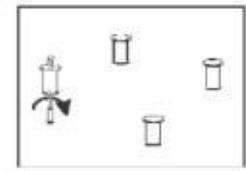
C: WIRE SUSPENSION KIT

1 – Fix the Surface Mounting holders to the ceiling



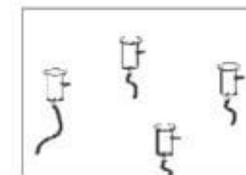
(Picture 1)

2 – Install the Suspension cables



(Picture 2)

3 – Install Royal LED fitting to the Suspension Kit



(Picture 3)

4 – Connect Flex and Plug and re-connect power



(Picture 4)

ROYAL LED WIRE SUSPENSION KIT (1.5M)

96541122

THORN ROYAL PANEL & DRIVER			ROYAL PANEL COMPONENT		ROYAL DRIVER COMPONENT		
KIT DESCRIPTION	KIT WATTAGE	KIT SAP CODE	PANEL DESCRIPTION	PANEL SAP CODE	DRIVER DESCRIPTION	DRIVER CONTROL	DRIVER SAP CODE
ROYAL PANEL LED2700-840 12X3 HF TR FP	23W	96648522	ROYAL-PAN 840 12x3 MPO CON	96648543	ROYAL-DRV TR-FIX 2700 600mA CON FP	240V Switched	96648558
ROYAL PANEL LED2700-840 12X3 HFI TR FP	23W	96648523	ROYAL-PAN 840 12x3 MPO CON	96648543	ROYAL-DRV TR-DALI 2700 600mA CON FP	DALI Dimmable	96648559
ROYAL PANEL LED3500-840 12X3 HF TR FP	31W	96648524	ROYAL-PAN 840 12x3 MPO CON	96648543	ROYAL-DRV TR-FIX 3500 800mA CON FP	240V Switched	96648560
ROYAL PANEL LED3500-840 12X3 HFI TR FP	31W	96648525	ROYAL-PAN 840 12x3 MPO CON	96648543	ROYAL-DRV TR-DALI 3500 800mA CON FP	DALI Dimmable	96648561
ROYAL PANEL LED3500-840 12X6 HF TR FP	31W	96648526	ROYAL-PAN 840 12x6 MPO CON	96648544	ROYAL-DRV TR-FIX 3500 800mA CON FP	240V Switched	96648560
ROYAL PANEL LED3500-840 12X6 HFI TR FP	31W	96648527	ROYAL-PAN 840 12x6 MPO CON	96648544	ROYAL-DRV TR-DALI 3500 800mA CON FP	DALI Dimmable	96648561
ROYAL PANEL LED4500-840 12X6 HF TR FP	42W	96648528	ROYAL-PAN 840 12x6 MPO CON	96648544	ROYAL-DRV TR-FIX 4500 1050mA CON FP	240V Switched	96648562
ROYAL PANEL LED4500-840 12X6 HFI TR FP	42W	96648529	ROYAL-PAN 840 12x6 MPO CON	96648544	ROYAL-DRV TR-DALI 4500 1050mA CON FP	DALI Dimmable	96648567
ROYAL PANEL LED2700-840 6X6 HF TR FP	23W	96648530	ROYAL-PAN 840 6x6 MPO CON	96648545	ROYAL-DRV TR-FIX 2700 600mA CON FP	240V Switched	96648558
ROYAL PANEL LED2700-840 6X6 HFI TR FP	23W	96648531	ROYAL-PAN 840 6x6 MPO CON	96648545	ROYAL-DRV TR-DALI 2700 600mA CON FP	DALI Dimmable	96648559
ROYAL PANEL LED3500-840 6X6 HF TR FP	31W	96648532	ROYAL-PAN 840 6x6 MPO CON	96648545	ROYAL-DRV TR-FIX 3500 800mA CON FP	240V Switched	96648560
ROYAL PANEL LED3500-840 6X6 HFI TR FP	31W	96648533	ROYAL-PAN 840 6x6 MPO CON	96648545	ROYAL-DRV TR-DALI 3500 800mA CON FP	DALI Dimmable	96648561
ROYAL PANEL LED1500-840 6X3 HF TR FP	13W	96648534	ROYAL-PAN 840 6x3 MPO CON	96648546	ROYAL-DRV TR-FIX 1500 350mA CON FP	240V Switched	96648563
ROYAL PANEL LED1500-840 6X3 HFI TR FP	13W	96648535	ROYAL-PAN 840 6x3 MPO CON	96648546	ROYAL-DRV TR-DALI 1500 350mA CON FP	DALI Dimmable	96648564
ROYAL PANEL LED2000-840 6X3 HF TR FP	18W	96648536	ROYAL-PAN 840 6x3 MPO CON	96648546	ROYAL-DRV TR-FIX 2000 500mA CON FP	240V Switched	96648565
ROYAL PANEL LED2000-840 6X3 HFI TR FP	18W	96648537	ROYAL-PAN 840 6x3 MPO CON	96648546	ROYAL-DRV TR-DALI 2000 500mA CON FP	DALI Dimmable	96648566
ROYAL PRO LED2700-940 12X3 IP54 HF FP	23W	96649266	ROYAL-PAN 940 12x3 MPO CON IP54	96649220	ROYAL-DRV TR-FIX 2700 600mA CON FP	240V Switched	96648558
ROYAL PRO LED2700-940 12X3 IP54 HFI FP	23W	96649267	ROYAL-PAN 940 12x3 MPO CON IP54	96649220	ROYAL-DRV TR-DALI 2700 600mA CON FP	DALI Dimmable	96648559
ROYAL PRO LED3500-940 12X3 IP54 HF FP	31W	96649268	ROYAL-PAN 940 12x3 MPO CON IP54	96649220	ROYAL-DRV TR-FIX 3500 800mA CON FP	240V Switched	96648560
ROYAL PRO LED3500-940 12X3 IP54 HFI FP	31W	96649269	ROYAL-PAN 940 12x3 MPO CON IP54	96649220	ROYAL-DRV TR-DALI 3500 800mA CON FP	DALI Dimmable	96648561
ROYAL PRO LED3500-940 12X6 IP54 HF FP	31W	96649270	ROYAL-PAN 940 12x6 MPO CON IP54	96649221	ROYAL-DRV TR-FIX 3500 800mA CON FP	240V Switched	96648560
ROYAL PRO LED3500-940 12X6 IP54 HFI FP	31W	96649271	ROYAL-PAN 940 12x6 MPO CON IP54	96649221	ROYAL-DRV TR-DALI 3500 800mA CON FP	DALI Dimmable	96648561
ROYAL PRO LED4500-940 12X6 IP54 HF FP	42W	96649272	ROYAL-PAN 940 12x6 MPO CON IP54	96649221	ROYAL-DRV TR-FIX 4500 1050mA CON FP	240V Switched	96648562
ROYAL PRO LED4500-940 12X6 IP54 HFI FP	42W	96649273	ROYAL-PAN 940 12x6 MPO CON IP54	96649221	ROYAL-DRV TR-DALI 4500 1050mA CON FP	DALI Dimmable	96648567
ROYAL PRO LED2700-940 6X6 IP54 HF FP	23W	96649274	ROYAL-PAN 940 6x6 MPO CON IP54	96649222	ROYAL-DRV TR-FIX 2700 600mA CON FP	240V Switched	96648558
ROYAL PRO LED2700-940 6X6 IP54 HFI FP	23W	96649275	ROYAL-PAN 940 6x6 MPO CON IP54	96649222	ROYAL-DRV TR-DALI 2700 600mA CON FP	DALI Dimmable	96648559
ROYAL PRO LED3500-940 6X6 IP54 HF FP	31W	96649276	ROYAL-PAN 940 6x6 MPO CON IP54	96649222	ROYAL-DRV TR-FIX 3500 800mA CON FP	240V Switched	96648560
ROYAL PRO LED3500-940 6X6 IP54 HFI FP	31W	96649277	ROYAL-PAN 940 6x6 MPO CON IP54	96649222	ROYAL-DRV TR-DALI 3500 800mA CON FP	DALI Dimmable	96648561
ROYAL PRO LED1500-940 6X3 IP54 HF FP	13W	96649278	ROYAL-PAN 940 6x3 MPO CON IP54	96649223	ROYAL-DRV TR-FIX 1500 350mA CON FP	240V Switched	96648563
ROYAL PRO LED1500-940 6X3 IP54 HFI FP	13W	96649279	ROYAL-PAN 940 6x3 MPO CON IP54	96649223	ROYAL-DRV TR-DALI 1500 350mA CON FP	DALI Dimmable	96648564
ROYAL PRO LED2000-940 6X3 IP54 HF FP	18W	96649280	ROYAL-PAN 940 6x3 MPO CON IP54	96649223	ROYAL-DRV TR-FIX 2000 500mA CON FP	240V Switched	96648565
ROYAL PRO LED2000-940 6X3 IP54 HFI FP	18W	96649281	ROYAL-PAN 940 6x3 MPO CON IP54	96649223	ROYAL-DRV TR-DALI 2000 500mA CON FP	DALI Dimmable	96648566

KIT COMPRISING EXAMPLE: ROYAL PANEL LED2700-840 12X3 HF TR FP (96648522) = ROYAL-PAN 840 12x3 MPO CON (96648543) + ROYAL-DRV TR-FIX 2700 600mA CON FP (96648588)

THORN ROYAL PANELS are supplied in two separate cartons as component kits. The table above explains the possible LED Panel and Driver combinations.

THORN

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