Filorail

SURFACE / PENDANT - DALI BROADCAST

¹³/₁₆" (20mm)

¹/₈" (3.6mm)

¹/₂" (13mm)

1.6' (500mm)

3.3' (1000mm)

6.6' (2000mm)

9.8' (3000mm)

CURVE

11¹⁵/₁₆" (100mm)

r= 1'11⁵/₈" (600mm)

3,6 mm

Small but powerful: with an aperture of just 3.6 mm, Filorail creates a futuristic impact where technology integrates imperceptibly with architecture to create a harmonious blend between innovation and design, meeting the needs of the people using these spaces yet without interfering with the aesthetic experience, and at the same time offering an advanced living context.

The miniaturized track heads listed on page 3 only use the DALI Broadcast protocol.
The track heads can only be installed on the straight section of the track.

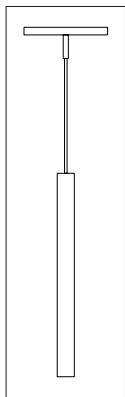|	
Material	Extruded aluminum / insulated copper conductor.
Mounting:	Surface mount or suspended. If required, can be cut on site.
Electrical:	48V remote LED driver. **Maximum 100W per feed.** See remote LED driver options on page 6.
Dimming:	DALI Broadcast: Single address for all the track heads. See remote LED driver details on page 6.
Finish:	Track: White or black painted finish. Accessories: White or black color.
Weight:	L1.6 (500mm): 0.40lb (0.2kg) L3.3 (1000mm): 0.79lb (0.4kg) L6.6 (2000mm): 1.58lb (0.7kg) L9.8 (3000mm): 2.37lb (1.1kg) C1.1 (750mm): 0.59lb (0.3kg) C1.6 (985mm): 0.78lb (0.4kg) C2.0 (1771mm): 1.40lb (0.6kg)
Warranty:	5 year limited warranty.
Certification:	cULus listed for dry location

DM - R1   Last upate: May 22, 2025

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Filorail
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CLICK HERE

CONFIGURE

ORDERING INFO

PRODUCT CODE

MODEL	INSTALLATION	LENGTH (FT)	VOLTAGE	FINISH
IFR Filorail DALI Broadcast	**SP** Surface/Pendant	**L - *Linear*** **L1.6** 1'7⁄₁₆" (500mm) **L3.3** 3'3³⁄₈" (1000mm) **L6.6** 6'6³⁄₄" (2000mm) **L9.8** 9'10¹⁄₈" (3000mm) **C - *Curve*** **C1.1** R1'1³⁄₄" (R350mm) **C1.6** R1'7¹¹⁄₁₆" (R500mm) **C2.0** R1'11⁵⁄₈" (R600mm)	**48** 48V	**01** White **02** Black

NB: The track heads listed on page 3 can only be installed on the straight section of the track.

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COMPATIBLE TRACK HEADS AVAILABLE FOR FILORAIL DALI BROADCAST

LASER BLADE XS
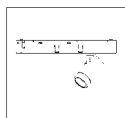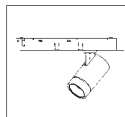

LBXS PENDANT 1X
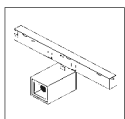
LBXS DOWNLIGHT 1X

PALCO LV

PALCO Ø19mm (³/₄")
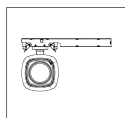PALCO Ø19mm (³/₄") Framer
PALCO Ø19mm (³/₄") Beamer
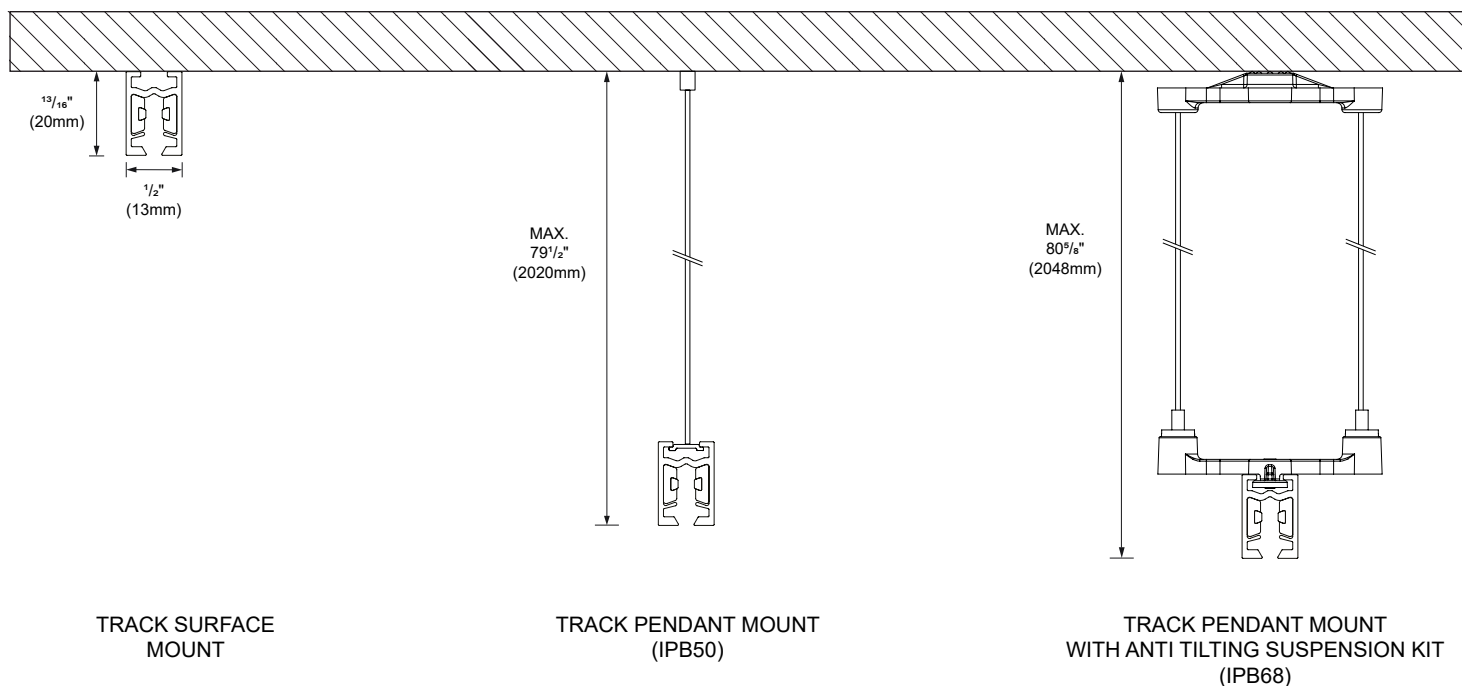

PALCO Ø37mm (1¹/₂")
PALCO Ø37mm (1¹/₂") Framer

NEWFO

NEWFO Ø62mm (2¹/₂")
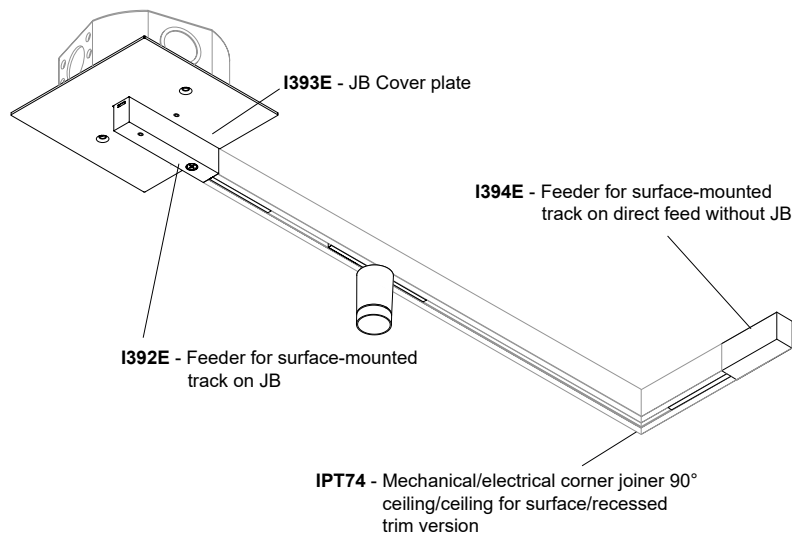
NB: The track heads can only be installed on the straight section of the track.

MODEL AND MOUNTING
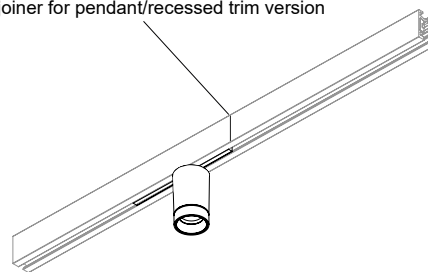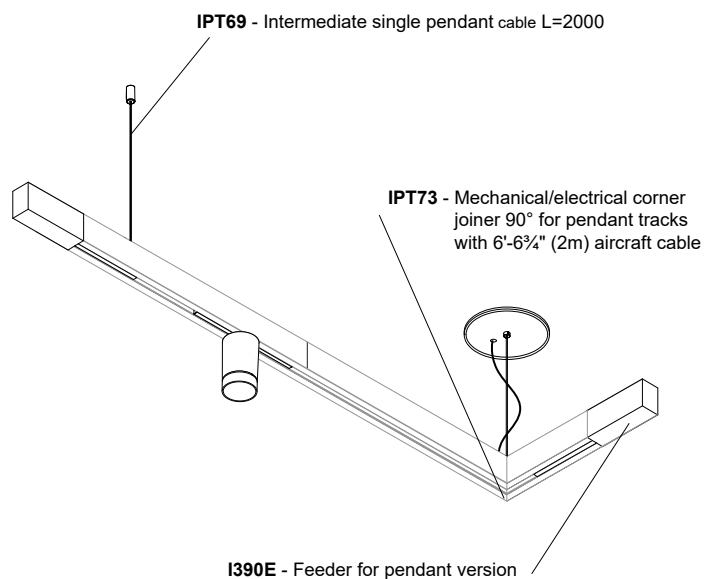
SURFACE AND PENDANT

¹³/₁₆"
(20mm)

¹/₂"
(13mm)

MAX.
79¹/₂"
(2020mm)

MAX.
80⁵/₈"
(2048mm)

TRACK SURFACE
MOUNT

TRACK PENDANT MOUNT
(IPB50)

TRACK PENDANT MOUNT
WITH ANTI TILTING SUSPENSION KIT
(IPB68)

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SURFACE MOUNTING ACCESSORIES FOR CEILING

I393E - JB Cover plate

I394E - Feeder for surface-mounted track on direct feed without JB

I392E - Feeder for surface-mounted track on JB

IPT71 - Mechanical/electrical straight joiner for pendant/recessed trim version

IPT74 - Mechanical/electrical corner joiner 90° ceiling/ceiling for surface/recessed trim version

PENDANT MOUNTING ACCESSORIES

IPT69 - Intermediate single pendant cable L=2000

IPT73 - Mechanical/electrical corner joiner 90° for pendant tracks with 6'-6¾" (2m) aircraft cable

I390E - Feeder for pendant version

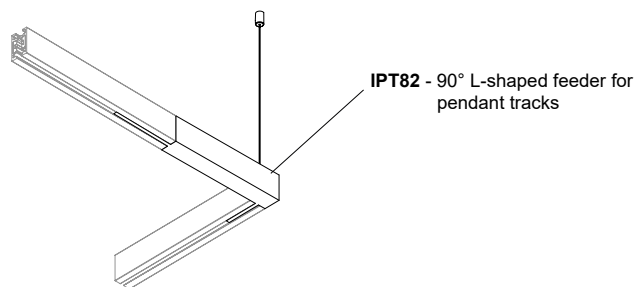**IPT82** - 90° L-shaped feeder for pendant tracks

IPT68 - Anti-tilting suspension kit
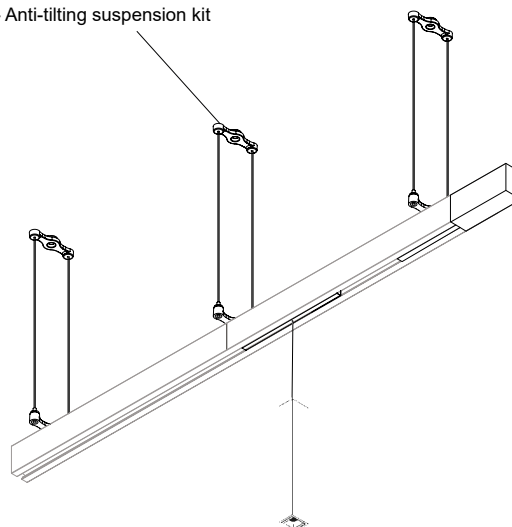
PENDANT MOUNTING ACCESSORIES
(TO BE ORDERED SEPARATELY)

I391E
Round canopy for pendant installation
Ø4½" (114mm)
To be installed on 4" junction box.

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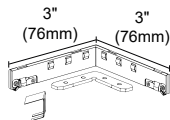# Filorail
SURFACE / PENDANT - DALI BROADCAST
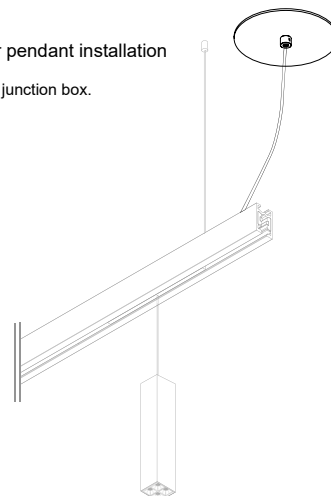
ELECTRICAL SURFACE ACCESSORIES
(TO BE ORDERED SEPARATELY)

MECHANICAL/ELECTRICAL CORNER JOINER 90° CEILING/CEILING
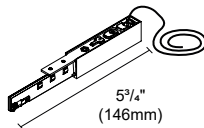FOR SURFACE/RECESSED TRIM VERSION

☐ **IPT74-02** - Black finish

3"
(76mm)   3"
(76mm)

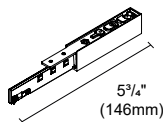FEEDER FOR SURFACE-MOUNTED TRACK ON DIRECT
FEED WITHOUT JB

☐ **I394E-01** - White finish
☐ **I394E-02** - Black finish

5³/₄"
(146mm)

FEEDER FOR SURFACE-MOUNTED TRACK ON JB
(to be used with the JB cover plate I393E):

☐ **I392E-01** - White finish
☐ **I392E-02** - Black finish

5³/₄"
(146mm)

FILLER BRACKET REQUIRED FOR SURFACE MOUNTING

☐ **IPT67-00**

JB COVER PLATE FOR CEILING INSTALLATION
4⁷/₁₆"(113mm) x 4⁷/₁₆"(113mm)
To be installed on 4" octagonal junction box

☐ **I393E-01** - White finish
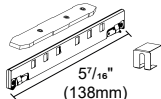☐ **I393E-02** - Black finish

4⁷/₁₆"
(112mm)

4⁷/₁₆"
(112mm)

ELECTRICAL PENDANT ACCESSORIES
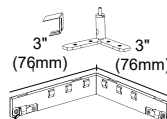**(TO BE ORDERED SEPARATELY)**

MECHANICAL/ELECTRICAL STRAIGHT JOINER FOR SURFACE/
PENDANT/RECESSED TRIM VERSIONS

☐ **IPT71-02** - Black finish

5⁷/₁₆"
(138mm)

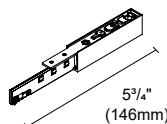MECHANICAL/ELECTRICAL CORNER JOINER 90° FOR PENDANT
TRACKS WITH 6'-6¾" (2m) AIRCRAFT CABLE

☐ **IPT73-02** - Black finish

3"
(76mm)   3"
(76mm)

FEEDER FOR PENDANT VERSION

☐ **I390E-01** - White finish
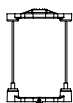☐ **I390E-02** - Black finish

5³/₄"
(146mm)

ANTI TILTING SUSPENSION KIT
Refer to installation sheet for number of cable to be used

☐ **IPT68-01** - White finish
☐ **IPT68-02** - Black finish

SUSPENSION CABLE KIT (CABLE L=2000mm / 78 3/4")
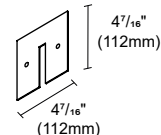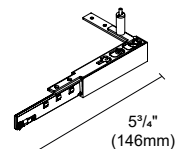Refer to installation sheet for number of cable to be used

☐ **IPT69-00**

90° L-SHAPED FEEDER FOR PENDANT TRACKS

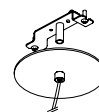☐ **IPT82-01** - White finish
☐ **IPT82-02** - Black finish

5³/₄"
(146mm)

ROUND CANOPY FOR PENDANT INSTALLATION
Ø4½" (114mm) Cable length: 6'-6¾" (2m), 2 cond
To be installed on 4" octagonal junction box

☐ **I391E-01** - White finish
☐ **I391E-02** - Black finish

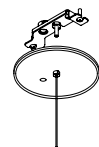ROUND CANOPY FOR PENDANT INSTALLATION Ø
Ø4½" (114mm) WITH 6'-6¾" (2m) AIRCRAFT CABLE
To be installed on 4" octagonal junction box

☐ **I723E-01** - White finish
☐ **I723E-02** - Black finish

☐ **626C** - T-bar mounting kit for grid ceiling [1]

Filorail
SURFACE / PENDANT - DALI BROADCAST

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REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)
Requirement: Max 100W per circuit.

Watts	Min Watts	Voltage	Rated	Dimming protocol	Dimming range	Dimension	Max distance*
☐				**4451-0048-100-UNV-DAB**			
100	-	120-277V	Indoor	DALI [1]	Down to ±6%	18"x 4"x 4" (457 X 102 X 102mm)	65ft (20m)

* Calculated for an AWG18 cable.
1 Single address for all the track heads.

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