MULTISYSTEM 48V TRACK

SURFACE

RECESSED TRIMMED

RECESSED TRIMLESS

SUSPENDED

48V TRACK WITH DATABUS FOR DALI OR 0-10V
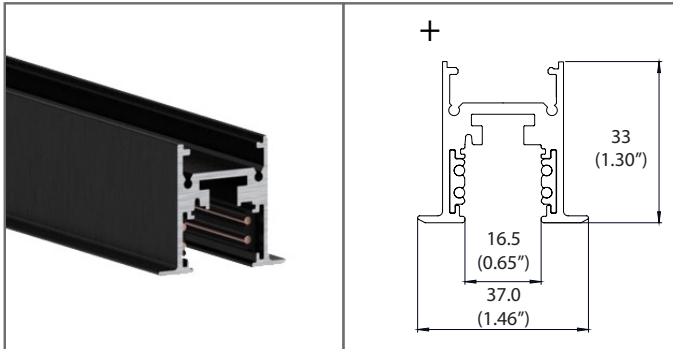
precision
by luminii

TRACKS

Recessed (Trimmed) 48V Track ST8
48V track with Databus

1M length

| RAL 9005 | ST8-9500-1M-BK |
| RAL 9016 | ST8-9500-1M-TW |

33 (1.30")
16.5 (0.65")
37.0 (1.46")

2M length

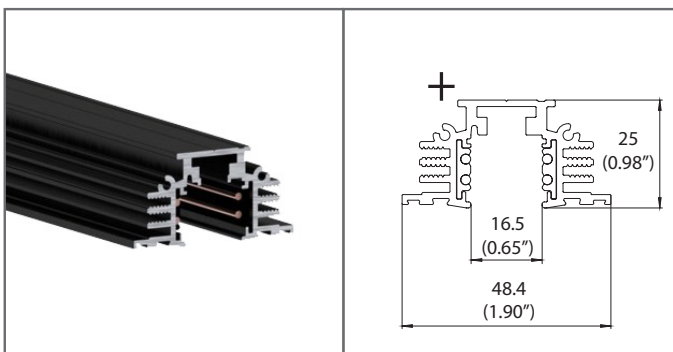| RAL 9005 | ST8-9500-2M-BK |
| RAL 9016 | ST8-9500-2M-TW |

3M length

| RAL 9005 | ST8-9500-3M-BK |
| RAL 9016 | ST8-9500-3M-TW |

Mounting brackets required, 2 per meter - S-9500/111

Recessed Trimless 48V Track ST3
48V track with Databus

1M length

| RAL 9005 | ST3-9500-1M-BK |
| RAL 9016 | ST3-9500-1M-TW |

25 (0.98")
16.5 (0.65")
48.4 (1.90")

2M length

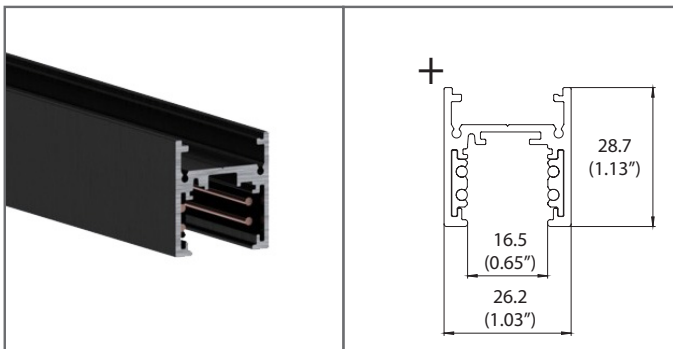| RAL 9005 | ST3-9500-2M-BK |
| RAL 9016 | ST3-9500-2M-TW |

3M length

| RAL 9005 | ST3-9500-3M-BK |
| RAL 9016 | ST3-9500-3M-TW |

Mounting brackets required, 4 per meter - ST3-9500/315

Suspended 48V Track ST6
48V track with Databus

1M length

| RAL 9005 | ST6-9500-1M-BK |
| RAL 9016 | ST6-9500-1M-TW |

28.7 (1.13")
16.5 (0.65")
26.2 (1.03")

2M length

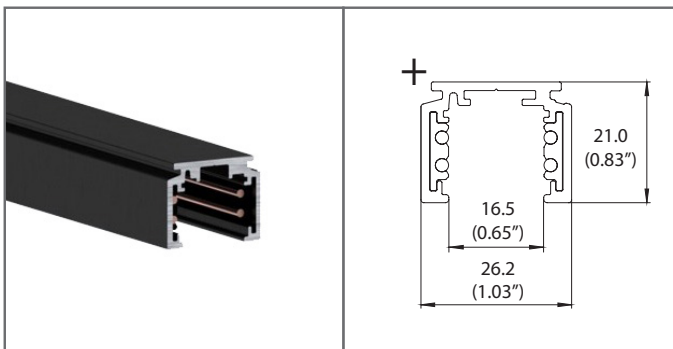| RAL 9005 | ST6-9500-2M-BK |
| RAL 9016 | ST6-9500-2M-TW |

3M length

| RAL 9005 | ST6-9500-3M-BK |
| RAL 9016 | ST6-9500-3M-TW |

Suspension kits required, 2 per meter - ST6-9500-K1.5

Surface 48V Track ST1
48V track with Databus

1M length

| RAL 9005 | ST1-9500-1M-BK |
| RAL 9016 | ST1-9500-1M-TW |

21.0 (0.83")
16.5 (0.65")
26.2 (1.03")

2M length

| RAL 9005 | ST1-9500-2M-BK |
| RAL 9016 | ST1-9500-2M-TW |

3M length

| RAL 9005 | ST1-9500-3M-BK |
| RAL 9016 | ST1-9500-3M-TW |

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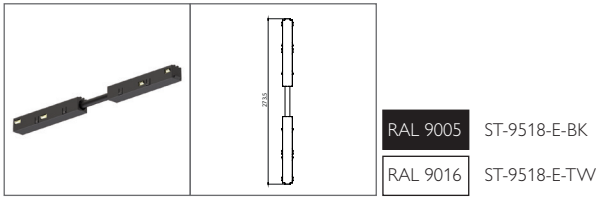
NON-POLARISED DALI CONNECTION HARDWARE

Stucchi multisystem is a 48V DC track system designed to work with DALI or 0-10V. Track power feeds and interconnectors have markings for V-, V+, D+ & D-, this polarity must be observed throughout the system.

For DALI installations the luminaires themselves are not polarity sensitive, however you must ensure the data bus wiring does not create a ring structure. A failure-free data bus cannot be ensured if one is present. If the track installation requires the use of L T or X joints, it is possible to disconnect the data bus in these joints to avoid creating a ring. Miss-wiring will result in a short and a DALI bus error.
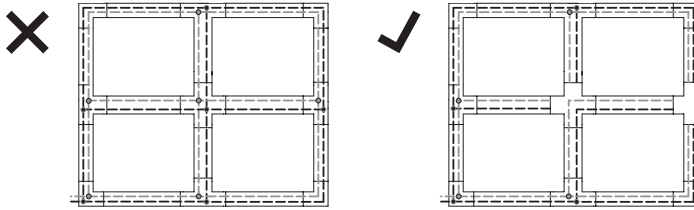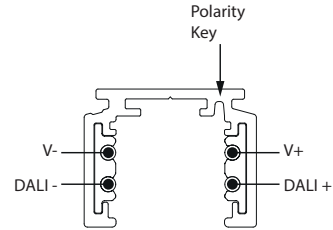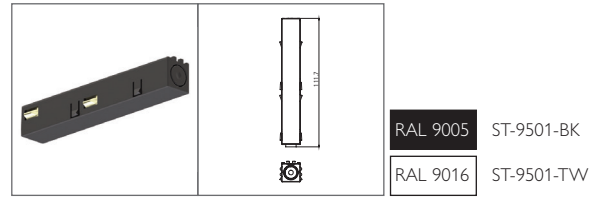
Polarity
Key

V-
DALI -
V+
DALI +

Adjustable Corner Connector

Compatible with all tracks

| RAL 9005 | ST-9518-E-BK |
| RAL 9016 | ST-9518-E-TW |

End Feed

Compatible with all tracks

| RAL 9005 | ST-9501-BK |
| RAL 9016 | ST-9501-TW |

Isolated Coupler

Compatible with all tracks

| RAL 9005 | 9503-S/B-M-E |
| RAL 9016 | 9503-S/W-M-E |

L Feed

Compatible with all tracks

| RAL 9005 | ST-9511-BK |
| RAL 9016 | ST-9511-TW |

Straight Coupler

Compatible with all tracks

| RAL 9005 | ST-9503-BK |
| RAL 9016 | ST-9503-TW |

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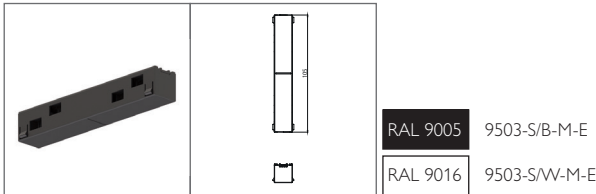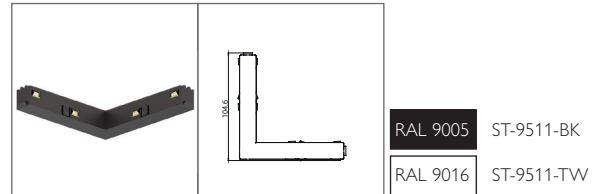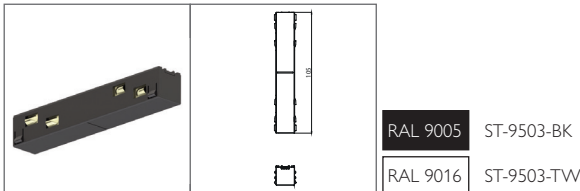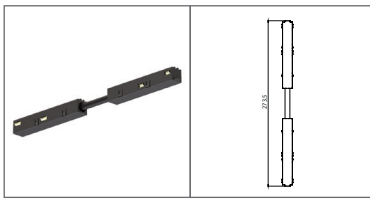
POLARISED 0-10V CONNECTION HARDWARE

Track power feeds and interconnectors have markings for V-, V+, D+ & D-, this polarity must be observed throughout the system.

For 0-10V installations the luminaires are polarity sensitive, you must ensure the data bus wiring does not create a ring structure and that polarity is maintained in relation to the polarity key on the track by using left handed / right handed, internal and external connectors. A failure-free 0-10V bus cannot be ensured if this is not in place. If the track installation requires the use of L T or X joints, it is possible to disconnect the data bus in these joints to avoid creating a ring. Pay attention at joints between track sections that the polarity key feature is on the same side across tracks. Miss-wiring will result in a short or sections on non-controllable lights.
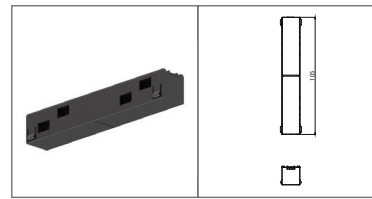
Polarity
Key

V-   V+
NEG -   POS +
0-10V   0-10V

External L Feed
Polarity Key
Left Handed End Feed
Internal L Feed
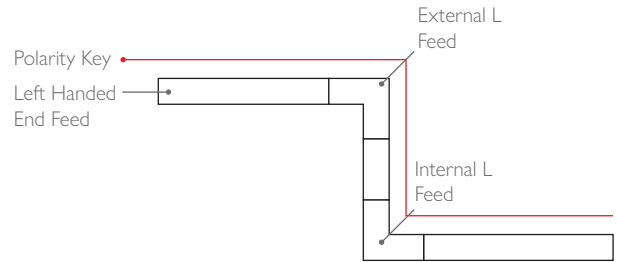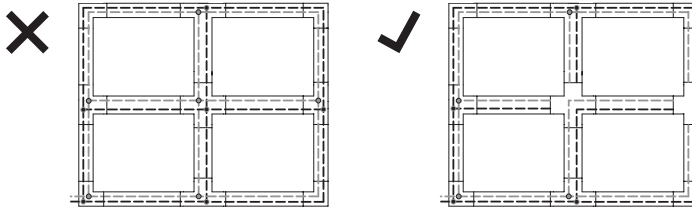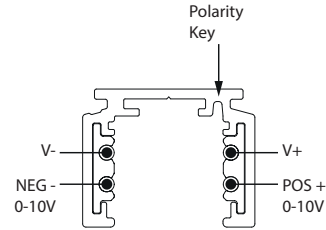
Adjustable Corner Connector
Compatible with all tracks

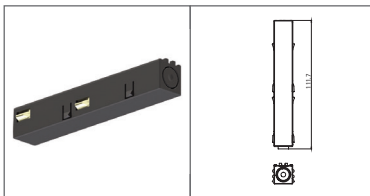| RAL 9005 | 9518-S-K/B-E |
| RAL 9016 | 9518-S-K/W-E |

Isolated Coupler
Compatible with all tracks

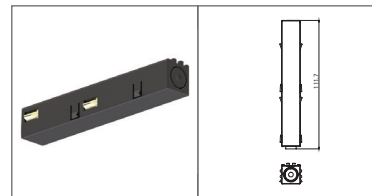| RAL 9005 | 9503-S/B-M-E |
| RAL 9016 | 9503-S/W-M-E |

Left Handed End Feed
Compatible with all tracks

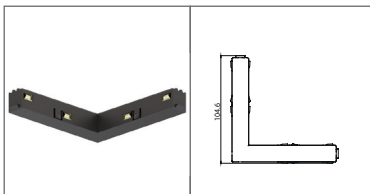| RAL 9005 | 9501-S-KL/B-E |
| RAL 9016 | 9501-S-KL/W-E |

Right Handed End Feed
Compatible with all tracks

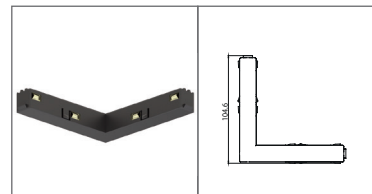| RAL 9005 | 9501-S-KR/B-E |
| RAL 9016 | 9501-S-KR/W-E |

Internal L Feed
Compatible with all tracks

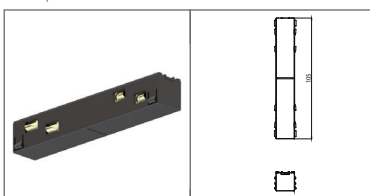| RAL 9005 | ST-9511-KI-BK |
| RAL 9016 | ST-9511-KI-TW |

External L Feed
Compatible with all tracks

| RAL 9005 | ST-9511-KE-BK |
| RAL 9016 | ST-9511-KE-TW |

Straight Coupler
Compatible with all tracks

| RAL 9005 | 9503-S-K/B-E |
| RAL 9016 | 9503-S-K/W-E |

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RECESSED TRIMMED TRACK HARDWARE - ST8

Recessed multisystem track requires 2 mounting clamps [S-9500/111] per m of installed track.

Note: When installing *Polarised* track hardware ensure the connection hardware matches the track orientation and cable feed locations.

Recessed mounting clamp

Mounting clamp for ST8 Recessed trimmed track only

| SILVER | S-9500/111 |

End Cap (Recessed Trimmed)

For use with Recessed Trimmed track ONLY

| RAL 9005 | ST8-9504-BK |
| RAL 9016 | ST8-9504-TW |

Reinforced Bracket

Reinforced linear bracket for ST8 Recessed Trimmed track and ST6 Suspended track ONLY

| SILVER | ST-9500-323 |

Aesthetic Cover Strip (3m / 9.8')

Compatible with all tracks

| RAL 9005 | ST-CS-9500-BK-3000 |
| RAL 9016 | ST-CS-9500-TW-3000 |

RECESSED TRIMLESS TRACK HARDWARE - ST3

Recessed multisystem track requires 4 mounting brackets [ST3-9500/315] per m of installed track.

Note: When installing *Polarised* track hardware ensure the connection hardware matches the track orientation and cable feed locations.
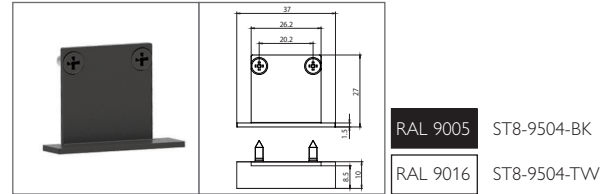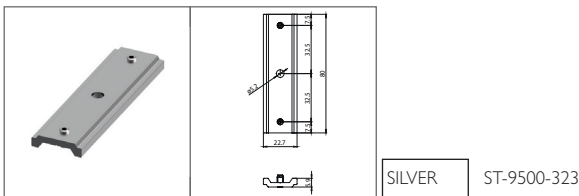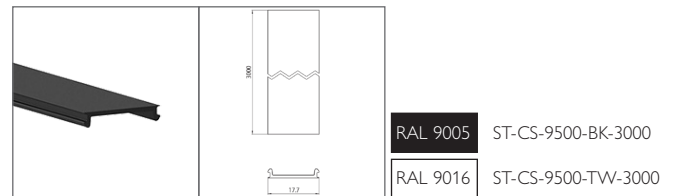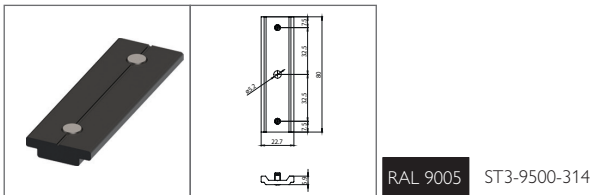
Reinforced Bracket

Reinforced linear bracket for ST3 Recessed Trimless track ONLY

| RAL 9005 | ST3-9500-314 |

End Cap (Recessed Trimless)

For use with Recessed Trimless track ONLY

| RAL 9005 | ST3-9504-BK |
| RAL 9016 | ST3-9504-TW |

Mounting Bracket

Mounting bracket for ST3 Recessed Trimless track, 4 required per meter

| SILVER | ST3-9500/315 |

Aesthetic Cover Strip (3m / 9.8')

Compatible with all tracks

| RAL 9005 | ST-CS-9500-BK-3000 |
| RAL 9016 | ST-CS-9500-TW-3000 |

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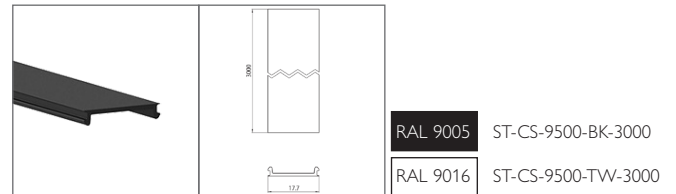
SUSPENDED TRACK HARDWARE - ST6

Suspended multisystem track requires 2 suspension kits [ST6-9500-KIT1.5] per cut length of track, or 3 per 2m, whichever is greater.

Note: When installing *Polarised* track hardware ensure the connection hardware matches the track orientation and cable feed locations.
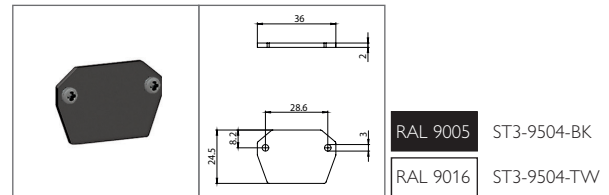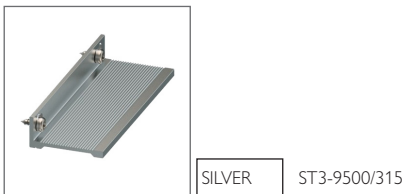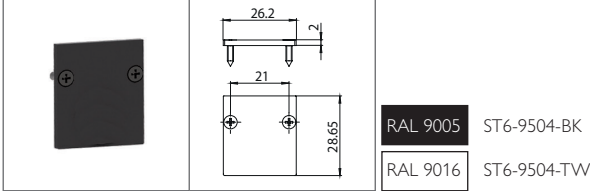
End Cap (Suspended)

For use with Recessed Suspended track ONLY

| RAL 9005 | ST6-9504-BK |
| RAL 9016 | ST6-9504-TW |

End Cap (Suspended) with wire feed hole

For use with Recessed Suspended track ONLY

| RAL 9005 | ST6-9504-F-BK |
| RAL 9016 | ST6-9504-F-TW |

Reinforced Bracket

Reinforced linear bracket for ST8 Recessed Trimmed track and ST6 Suspended track ONLY

| SILVER | ST-9500-323 |

Suspension Kit

For use with ST6 Suspended Track ONLY

| SILVER | ST6-9500-K1.5 |

Reinforced Corner

Reinforced corner bracket for ST6 Suspended track. Isolates tracks as standard, requires L feed to conduct power and data between tracks.

| RAL 9005 | ST6-9511-BK |
| RAL 9016 | ST6-9511-TW |

Aesthetic Cover Strip (3m / 9.8')

Compatible with all tracks

| RAL 9005 | ST-CS-9500-BK-3000 |
| RAL 9016 | ST-CS-9500-TW-3000 |
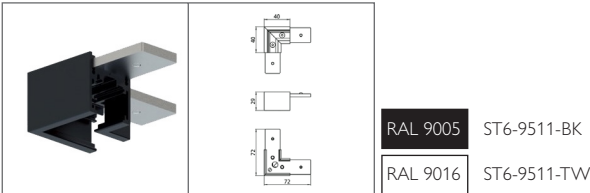
SURFACE TRACK HARDWARE - ST1

Note: When installing *Polarised* track hardware ensure the connection hardware matches the track orientation and cable feed locations.

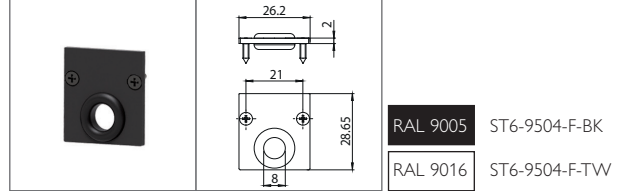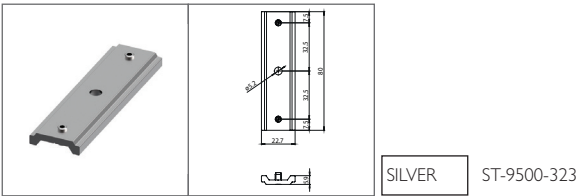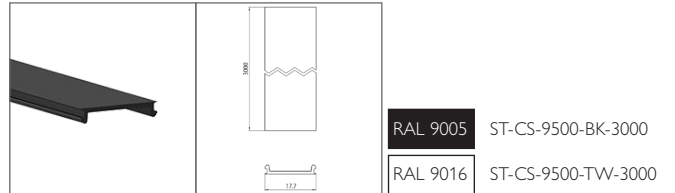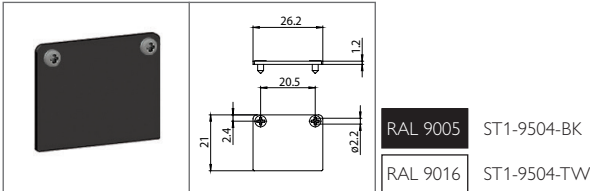### End Cap (Surface)

For use with Surface track ONLY

| RAL 9005 | ST1-9504-BK |
| RAL 9016 | ST1-9504-TW |

End Cap (Surface) with wire feed hole

For use with Surface track ONLY

| RAL 9005 | ST1-9504-F-BK |
| RAL 9016 | ST1-9504-F-TW |

Aesthetic Cover Strip (3m / 9.8')

Compatible with all tracks

| RAL 9005 | ST-CS-9500-BK-3000 |
| RAL 9016 | ST-CS-9500-TW-3000 |

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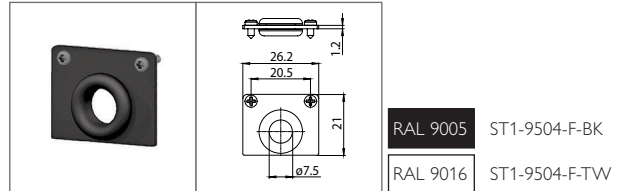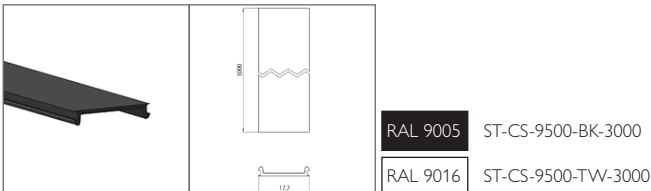
48V POWER SUPPLIES

Stucchi Multisystem track requires an external mains voltage to 48V DC power supply. These power supplies are non dimmable and deliver a constant fixed voltage of 48V to the track. Dimming controls co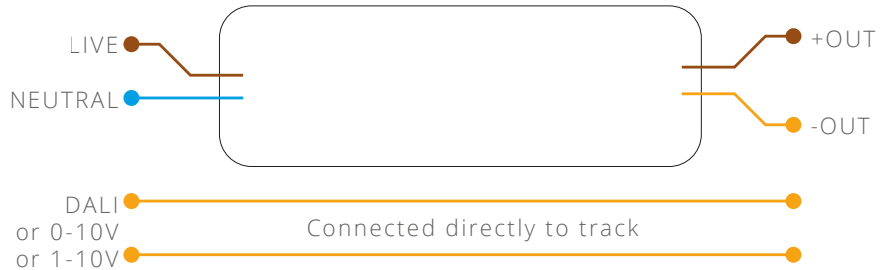nnect directly to the databus of the track, bypassing this power supply. Our 48V track luminaires have on-board DC to DC drivers that accomodate the various dimming protocols. For number of lights per power supply please refer to luminaire specsheet.

60W | DIMMING DIRECT TO TRACK

MIN DIM LEVEL N/A Dimming direct to track
VOLTAGE REGION 230V
FOR NORTH AMERICA No
WATTAGE 60W
OUTPUT VOLTAGE 48V
SUPPLY TYPE Constant Voltage
DRIVER LOCATION Remote

ORDER CODE PSCV-60-48-N1-MW

LIVE — NEUTRAL — +OUT — -OUT

DALI or 0-10V or 1-10V — Connected directly to track

LENGTH 162mm (6.38") **WIDTH** 42mm (1.65") **HEIGHT** 32mm (1.23")

100W | DIMMING DIRECT TO TRACK

MIN DIM LEVEL N/A Dimming direct to track
VOLTAGE REGION 230V
FOR NORTH AMERICA No
WATTAGE 100W
OUTPUT VOLTAGE 48V
SUPPLY TYPE Constant Voltage
DRIVER LOCATION Remote
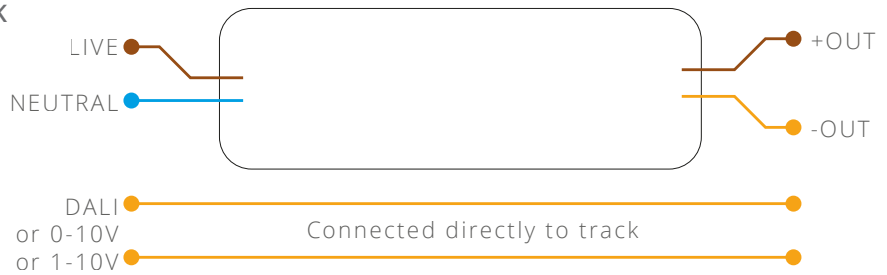
ORDER CODE PSCV-100-48-N1-MW

LIVE — NEUTRAL — +OUT — -OUT

DALI or 0-10V or 1-10V — Connected directly to track

LENGTH 190mm (7.48") **WIDTH** 52mm (2.04") **HEIGHT** 37mm (1.46")

200W | DIMMING DIRECT TO TRACK

MIN DIM LEVEL N/A Dimming direct to track
VOLTAGE REGION 230V
FOR NORTH AMERICA No
WATTAGE 200W
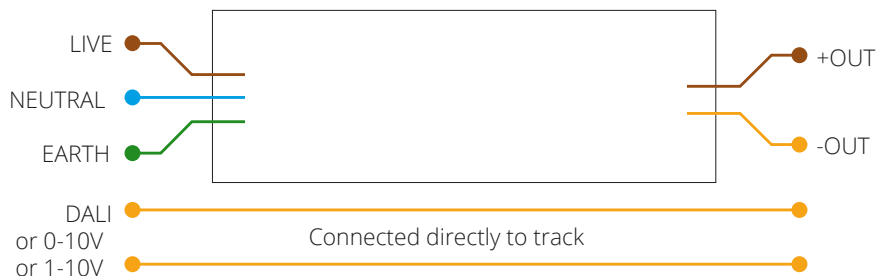**OUTPUT VOLTAGE** 48V
SUPPLY TYPE Constant Voltage
DRIVER LOCATION Remote
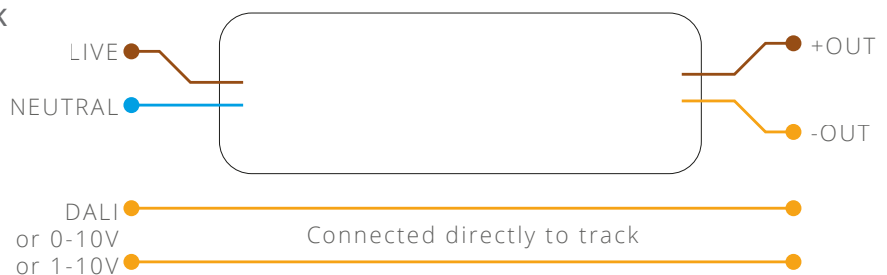
ORDER CODE PSCV-200-48-N1-MW

LIVE — NEUTRAL — +OUT — -OUT

DALI or 0-10V or 1-10V — Connected directly to track

LENGTH 190mm (7.48") **WIDTH** 68mm (2.68") **HEIGHT** 40mm (1.57")

96W | DIMMING DIRECT TO TRACK

MIN DIM LEVEL N/A Dimming direct to track
VOLTAGE REGION 120V & 277V
FOR NORTH AMERICA Yes
WATTAGE 96W
OUTPUT VOLTAGE 48V
SUPPLY TYPE Constant Voltage
DRIVER LOCATION Remote

ORDER CODE USCV-96-48-N1-SC-EN

LIVE — NEUTRAL — EARTH — +OUT — -OUT

DALI or 0-10V or 1-10V — Connected directly to track

LENGTH 220mm (8.66") **WIDTH** 95mm (3.74") **HEIGHT** 40mm (1.57")