



COLLINGWOOD  
LIGHTING

LIGHTING INNOVATION

# 48V TRACK



 By INOVARA

# 48V TRACK

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The 48V track by Collingwood offers a versatile and high-performance lighting solution. Featuring low-voltage electrified tracks designed for surface mounting, suspended, or trimless installations, the system enables the creation of bespoke lighting scenarios for any environment ensuring a perfect balance of efficiency, aesthetics, and visual comfort.

Ideal for residential, hospitality, and retail sectors, the 48V track supports dynamic, tailored configurations, transforming light into a continuously evolving design element.



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## SPOTS PAGE 2

LED spot lights and mini spot lights specifically designed for 48V track systems. Ideal for accent lighting to highlight key interior elements. Available in multiple beam angles for tailored illumination, each projector includes a colour temperature selector to suit any lighting need.



## LINEAR PAGE 8

Versatile and high-performance LED linear lighting solutions. Choose between opal diffusers for soft ambient light or UGR optics for glare control. Features include adjustable colour temperature, multiple wattage options and length and dimmability for enhanced adaptability.



## PENDANTS PAGE 12

48V LED pendants combining design with functionality: from diffused opal glass spheres to focused cylindrical forms. Both versions are dimmable and equipped with a colour temperature selector, ideal for refined, precision accent lighting.



## LED STRIP PAGE 14

48V LED strip with dimming and colour temperature selection. Available in lengths up to 20 metres powered by a single driver. Their flexibility, uniform light output, and IP-rated protection make them essential for both indoor and outdoor applications.



## TRACK & DRIVERS PAGE 16

48V tracks provide versatile installation options, including surface mount, suspended, or trimless configurations. Available in various lengths with either low or high profiles, they offer maximum flexibility and visual consistency in any setting.



## ACCESSORIES PAGE 17

A full range of accessories and drivers for the 48V system ensures maximum modularity and installation flexibility. End caps, connectors, suspension kits, and mounting components allow for fully customised configurations in any space.

# SPOTS

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**YOKO 1** | TR45905



**YOKO 2** | TR46005



**YOKO 3** | TR46105



**YOKO 4** | TR462905



**DISU 1** | TR45205



**DISU 2** | TR45305



**ZUMU** | TR46705



**TONKA** | TR46805

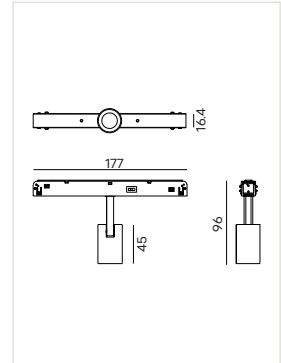


# YOKO 1

PRODUCT CODE: TR45905



Micro LED spot light for 48V track systems, featuring a 30° beam angle and colour temperature selector (2700/3000/4000K). Power: 4W, dimmable. Interchangeable matte black cover. COB LED – Lifetime: 50,000h (L80B50).



COMPATIBLE WITH:  
**COTR459130** - Interchangeable matt white cover for projector model TR45905



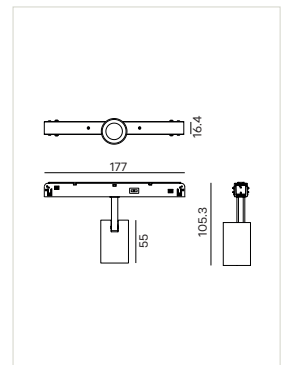
| W  | CCT   | Lumens | UGR | IP   | CRI | Beam | Class | Warranty |
|----|-------|--------|-----|------|-----|------|-------|----------|
| 4W | 2700K | 178    | <21 | IP20 | >90 | 36°  | 3     | 5 years  |
|    | 3000K | 210    |     |      |     |      |       |          |
|    | 4000K | 213    |     |      |     |      |       |          |

# YOKO 2

PRODUCT CODE: TR46005



Mini LED spot light for 48V track systems, featuring a 40° beam angle and colour temperature selector (2700/3000/4000K). Power: 7W, dimmable. Interchangeable matte black cover. COB LED – Lifetime: 50,000h (L80B50).



COMPATIBLE WITH:  
**COTR460130** - Interchangeable matt white cover for projector model TR46005



| W  | CCT   | Lumens | UGR | IP   | CRI | Beam | Class | Warranty |
|----|-------|--------|-----|------|-----|------|-------|----------|
| 7W | 2700K | 527    | <22 | IP20 | >90 | 36°  | 3     | 5 years  |
|    | 3000K | 625    |     |      |     |      |       |          |
|    | 4000K | 621    |     |      |     |      |       |          |

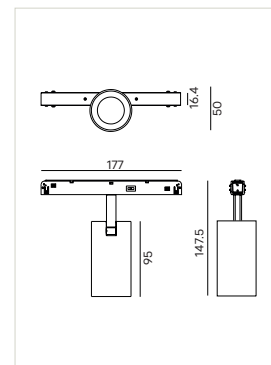
# YOKO 3

PRODUCT CODE: TR46105



LED spot light for 48V track systems, with a 40° beam angle and colour temperature selector (2700/3000/4000K). Power: 15W, dimmable. Interchangeable matte black cover. COB LED – Lifetime: 50,000h (L80B50).

COMPATIBLE WITH:  
**COTR461130** - Interchangeable matt white cover for projector model TR46105



| W   | CCT   | Lumens | UGR | IP   | CRI | Beam | Classe | Warranty |
|-----|-------|--------|-----|------|-----|------|--------|----------|
| 15W | 2700K | 1116   | <22 | IP20 | >90 | 36°  | 3      | 5 years  |
|     | 3000K | 1309   |     |      |     |      |        |          |
|     | 4000K | 1314   |     |      |     |      |        |          |

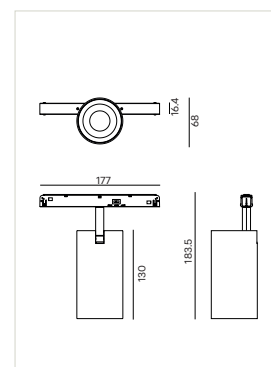
# YOKO 4

PRODUCT CODE: TR46205



LED spot light for 48V track systems, featuring a 40° beam angle and colour temperature selector (2700/3000/4000K). Power: 27W, dimmable. Interchangeable matte black cover. COB LED – Lifetime: 50,000h (L80B50).

COMPATIBLE WITH:  
**COTR462130** - Interchangeable matt white cover for projector model TR46205



| W   | CCT   | Lumens | UGR | IP   | CRI | Beam | Classe | Warranty |
|-----|-------|--------|-----|------|-----|------|--------|----------|
| 27W | 2700K | 2391   | <22 | IP20 | >90 | 36°  | 3      | 5 years  |
|     | 3000K | 2734   |     |      |     |      |        |          |
|     | 4000K | 2675   |     |      |     |      |        |          |

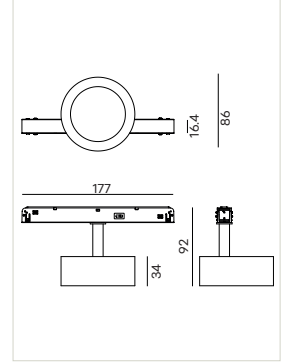
# DISU 1

PRODUCT CODE: TR45205



Adjustable LED spot light for 48V track systems, featuring a 40° beam angle and colour temperature selector (2700/3000/4000K).  
 Power: 7W, dimmable.  
 Interchangeable matte black cover.  
 COB LED - Lifetime: 50,000h (L80B50).

COMPATIBLE WITH:  
**COTR452130** - Interchangeable matt white cover for projector model TR45205



| W  | CCT   | Lumens | UGR | IP   | CRI | Beam | Class | Warranty |
|----|-------|--------|-----|------|-----|------|-------|----------|
| 7W | 2700K | 565    | <15 | IP20 | >90 | 40°  | 3     | 5 years  |
|    | 3000K | 672    |     |      |     |      |       |          |
|    | 4000K | 666    |     |      |     |      |       |          |

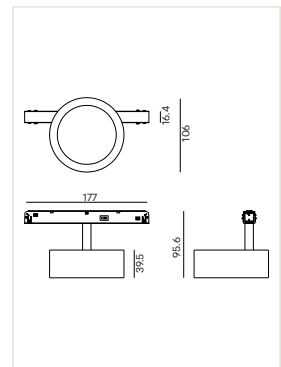
# DISU 2

PRODUCT CODE: TR45305



Adjustable LED spot light for 48V track systems, designed with a 36° beam angle and a built-in colour temperature selector (2700/3000/4000K).  
 Power: 15W, dimmable.  
 Interchangeable matte black cover.  
 COB LED - Lifetime: 50,000h (L80B50).

COMPATIBLE WITH:  
**COTR453130** - Interchangeable matt white cover for projector model TR45305



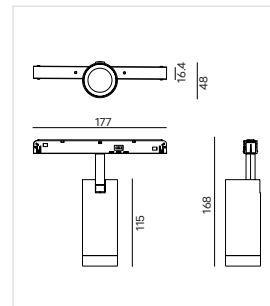
| W   | CCT   | Lumens | UGR | IP   | CRI | Beam | Class | Warranty |
|-----|-------|--------|-----|------|-----|------|-------|----------|
| 15W | 2700K | 1357   | <15 | IP20 | >90 | 30°  | 3     | 5 years  |
|     | 3000K | 1543   |     |      |     |      |       |          |
|     | 4000K | 1594   |     |      |     |      |       |          |

# ZUMU

PRODUCT CODE: TR46705



Adjustable LED spot light for 48V track systems, featuring a variable beam angle from 25° to 75° and colour temperature selector (2700/3000/4000K).  
Power: 15W, dimmable.  
Matte black body finish.  
COB LED - Lifetime: 50,000h (L80B50).



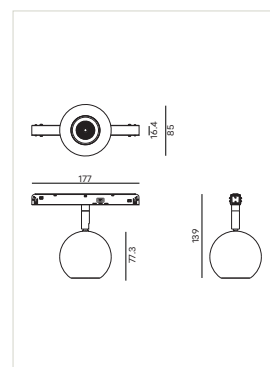
| W   | Beam            | CCT   | Lumens | UGR | IP   | CRI | Class | Warranty |
|-----|-----------------|-------|--------|-----|------|-----|-------|----------|
| 15W | 23°<br>(18-60°) | 2700K | 618    | <22 | IP20 | >90 | 3     | 5 years  |
|     |                 | 3000K | 741    |     |      |     |       |          |
|     |                 | 4000K | 696    |     |      |     |       |          |
|     | 75°<br>(18-60°) | 2700K | 1277   |     |      |     |       |          |
|     |                 | 3000K | 1474   |     |      |     |       |          |
|     |                 | 4000K | 1405   |     |      |     |       |          |

# TONKA

PRODUCT CODE: TR46805



Adjustable spherical LED spotlight for 48V track, with 38° beam angle and colour temperature selector (2700/3000/4000K).  
Power: 7W, dimmable.  
Matte black body finish.  
COB LED - Lifetime: 50,000h (L80B50).



| W  | CCT   | Lumens | UGR | IP   | CRI | Beam | Class | Warranty |
|----|-------|--------|-----|------|-----|------|-------|----------|
| 7W | 2700K | 386    | <26 | IP20 | >90 | 36°  | 3     | 5 years  |
|    | 3000K | 595    |     |      |     |      |       |          |
|    | 4000K | 590    |     |      |     |      |       |          |

# LINEAR

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**BORU 1** | TR44705



**BORU 3** | TR44905



**BORU 4** | TR45005



**RAITO 1** | TR44505



**RAITO 2** | TR44605

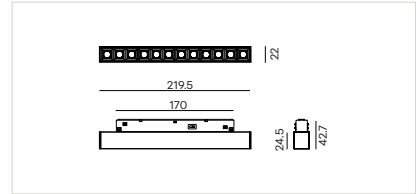


# BORU 1

PRODUCT CODE: TR44705



Linear LED profile for 48V track with UGR optics and colour temperature selector (2700/3000/4000K). Power: 12W, dimmable. SMD LED – Lifetime: 50,000h (L80B50).



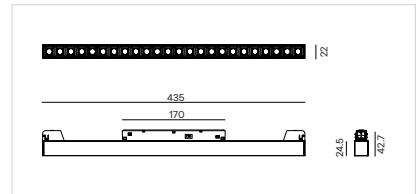
| W   | CCT   | Lumens | UGR | IP   | CRI | Beam | Class | Warranty |
|-----|-------|--------|-----|------|-----|------|-------|----------|
| 11W | 2700K | 840    | <11 | IP20 | >90 | 60°  | 3     | 5 years  |
|     | 3000K | 942    |     |      |     |      |       |          |
|     | 4000K | 930    |     |      |     |      |       |          |

# BORU 3

PRODUCT CODE: TR44905



Linear LED profile for 48V track with UGR optics and colour temperature selector (2700/3000/4000K). Power: 25W, dimmable. SMD LED – Lifetime: 50,000h (L80B50).



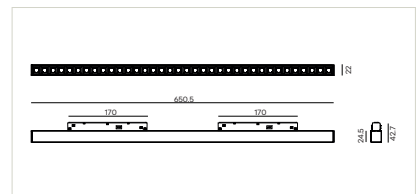
| W   | CCT   | Lumens | UGR | IP   | CRI | Beam | Class | Warranty |
|-----|-------|--------|-----|------|-----|------|-------|----------|
| 26W | 2700K | 1748   | <12 | IP20 | >90 | 60°  | 3     | 5 years  |
|     | 3000K | 2057   |     |      |     |      |       |          |
|     | 4000K | 2020   |     |      |     |      |       |          |

# BORU 4

PRODUCT CODE: TR45005



Linear LED profile for 48V track with UGR optics and selectable colour temperature (2700/3000/4000K). Power: 40W, dimmable. FSMD LED – Lifetime: 50,000h (L80B50).



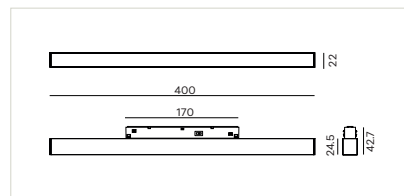
| W   | CCT   | Lumens | UGR | IP   | CRI | Beam | Class | Warranty |
|-----|-------|--------|-----|------|-----|------|-------|----------|
| 39W | 2700K | 2575   | <10 | IP20 | >90 | 60°  | 3     | 5 years  |
|     | 3000K | 3141   |     |      |     |      |       |          |
|     | 4000K | 3103   |     |      |     |      |       |          |

# RAITO 1

PRODUCT CODE: TR44505



Linear LED profile for 48V track with opal diffuser and colour temperature selector (2700/3000/4000K). Power: 11W, dimmable. SMD LED – Lifetime: 50,000h (L80B50).



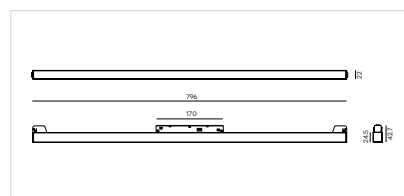
| W   | CCT   | Lumens | UGR | IP   | CRI | Beam | Class | Warranty |
|-----|-------|--------|-----|------|-----|------|-------|----------|
| 11W | 2700K | 954    | >21 | IP20 | >90 | 105° | 3     | 5 years  |
|     | 3000K | 1013   |     |      |     |      |       |          |
|     | 4000K | 1006   |     |      |     |      |       |          |

# RAITO 2

PRODUCT CODE: TR44605



Linear LED profile for 48V track with opal diffuser and colour temperature selector (2700/3000/4000K). Power: 18W, dimmable. SMD LED – Lifetime: 50,000h (L80B50).



| W   | CCT   | Lumens | UGR | IP   | CRI | Beam | Class | Warranty |
|-----|-------|--------|-----|------|-----|------|-------|----------|
| 18W | 2700K | 1647   | >22 | IP20 | >90 | 105° | 3     | 5 years  |
|     | 3000K | 1677   |     |      |     |      |       |          |
|     | 4000K | 1784   |     |      |     |      |       |          |

# PENDANTS

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**TORU 2** | TR47005



**TOMO** | TR45405

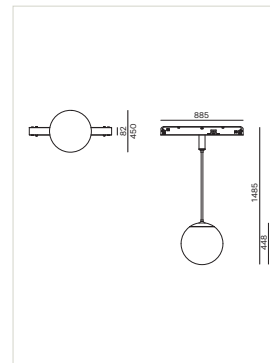


# TORO 2

PRODUCT CODE: TR47005



Decorative opal glass LED globe for 48V track systems, with colour temperature selector (2700/3000/4000K).  
 Power: 5W, dimmable.  
 Matte black body finish.  
 COB LED - Lifetime: 50,000h (L80B50).



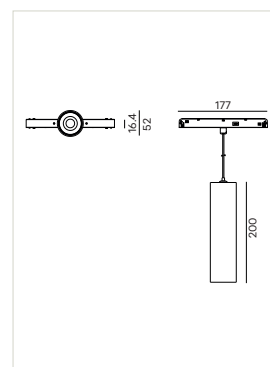
| W  | CCT   | Lumens | UGR | IP   | CRI | Beam | Class | Warranty |
|----|-------|--------|-----|------|-----|------|-------|----------|
| 5W | 2700K | 338    | <26 | IP20 | >90 | 180° | 3     | 5 years  |
|    | 3000K | 390    |     |      |     |      |       |          |
|    | 4000K | 385    |     |      |     |      |       |          |

# TOMO

PRODUCT CODE: TR45405



Cylindrical LED pendant for 48V track, 40° beam angle, with colour temperature selector (2700/3000/4000K).  
 Power: 20W, dimmable.  
 Interchangeable matte black cover.  
 COB LED - Lifetime: 50,000h (L80B50).



COMPATIBLE WITH:  
**COTR454130** - Interchangeable matte white cover for spotlight TR45405

| W   | CCT   | Lumens | UGR | IP   | CRI | Beam | Class | Warranty |
|-----|-------|--------|-----|------|-----|------|-------|----------|
| 19W | 2700K | 1260   | <26 | IP20 | >90 | 40°  | 3     | 5 years  |
|     | 3000K | 1492   |     |      |     |      |       |          |
|     | 4000K | 1492   |     |      |     |      |       |          |

# LED STRIP

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**IP20** | 48092



**IP67** | 48102

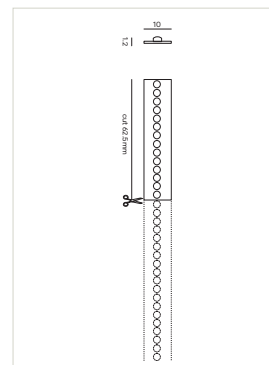


# 48VDC (IP20)

PRODUCT CODE: 48092



Flexible LED strip with monochromatic LEDs mounted on a white PCB. Available in 10m and 20m rolls. Maximum feed length per reel: 20 metres. Designed for installation within aluminium profiles (to be ordered separately). Power supply and control gear not included.



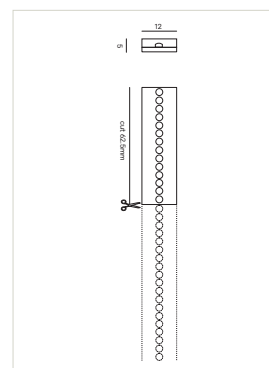
| 10m Product Code  | 20m Product Code  | CCT   | Lumens/m | W/m | CRI | LED/m | Cut mm | Class | Warranty |
|-------------------|-------------------|-------|----------|-----|-----|-------|--------|-------|----------|
| 48092/2700K/10    | 48092/2700K/20    | 2700K | 1994     | 11W | >80 | 224   | 62,5   | 3     | 5 years  |
| 48092/C/10        | 48092/C/20        | 3000K | 1994     | 11W | >80 | 224   | 62,5   | 3     | 5 years  |
| 48092/N/10        | 48092/N/20        | 4000K | 2113     | 11W | >80 | 224   | 62,5   | 3     | 5 years  |
| 48092/90/2700K/10 | 48092/90/2700K/20 | 2700K | 1810     | 11W | >90 | 224   | 62,5   | 3     | 5 years  |
| 48092/90/C/10     | 48092/90/C/20     | 3000K | 1810     | 11W | >90 | 224   | 62,5   | 3     | 5 years  |
| 48092/90/N/10     | 48092/90/N/20     | 4000K | 1920     | 11W | >90 | 224   | 62,5   | 3     | 5 years  |

# 48VDC (IP67)

PRODUCT CODE: 48102



Flexible IP67-rated LED strip. Monochromatic LEDs mounted on a white flexible circuit board, enclosed in a transparent silicone tube with 3M double-sided adhesive backing. Available in 10m and 20m lengths. Maximum supply length per single reel: 20m. Includes IP-rated end caps and mounting clips with screws. Optional end cap kit available separately (code: **KIT/LS01/TAPPI**). Installation using clips or on aluminium profiles (to be ordered separately). Power supply and control gear not included.



| 10m Product Code  | 20m Product Code  | CCT   | Lumens/m | W/m | CRI | LED/m | Cut mm | Class | Warranty |
|-------------------|-------------------|-------|----------|-----|-----|-------|--------|-------|----------|
| 48102/2700K/10    | 48102/2700K/20    | 2700K | 1994     | 11W | >80 | 224   | 62,5   | 3     | 5 years  |
| 48102/C/10        | 48102/C/20        | 3000K | 1994     | 11W | >80 | 224   | 62,5   | 3     | 5 years  |
| 48102/N/10        | 48102/90/N/20     | 4000K | 2113     | 11W | >80 | 224   | 62,5   | 3     | 5 years  |
| 48102/90/2700K/10 | 48102/90/2700K/20 | 2700K | 1810     | 11W | >90 | 224   | 62,5   | 3     | 5 years  |
| 48102/90/C/10     | 48102/90/C/20     | 3000K | 1810     | 11W | >90 | 224   | 62,5   | 3     | 5 years  |
| 48102/90/N/10     | 48102/90/N/20     | 4000K | 1920     | 11W | >90 | 224   | 62,5   | 3     | 5 years  |

# TRACK



**TR47705**

Length: 1m  
Warranty: 2 years

**TR47805**

Length: 2m  
Warranty: 2 years

**TR47905**

Length: 3m  
Warranty: 2 years

48V high-profile track for surface-mounted or suspended installation.



**TR47105**

Length: 1m  
Warranty: 2 years

**TR47205**

Length: 2m  
Warranty: 2 years

**TR47305**

Length: 3m  
Warranty: 2 years

48V track for surface-mounted or suspended installation.



**TR47405**

Length: 1m  
Warranty: 2 years

**TR47505**

Length: 2m  
Warranty: 2 years

**TR47605**

Length: 3m  
Warranty: 2 years

48V track for trimless installation.

# DRIVERS

**CD1823M**

100W concealed power supply for 48V track. Supplied with 3m power cable.

**CD1833M**

250W concealed power supply for 48V track. Supplied with 3m power cable.

**5458/DALI**

Dimming interface DALI/PUSH/0-10V or 1-10V. Compatible with 24-48V systems.

**5960/U & 5960/U**

Universal controller 24-48V with RF 2.4 GHz, Bluetooth & Wi-Fi (2.4GHz) only for 5960. Compatible with single-colour, Dim to Warm, tunable white, RGB, RGBW LED strips and 48V track. Can be paired with remote control 5941/C and wall touch panel 5942/T.

**5941/C**

4-zone RF remote control for use with universal controllers 5940/U and 5960/U.

**5742**

Power supply 48V, power 150W. IP20

**5743**

Power supply 48V, power 200W. IP20

**5744**

Power supply 48V, power 250W. IP20

**5942/T**

4-zone RF touch panel wall-mounted for use with universal controllers 5940/U and 5960/U.

**5993**

Power supply 48V, power 100W. IP67

**5995**

Power supply 48V, power 150W. IP67

**5996**

Power supply 48V, power 240W. IP67

**5997**

Power supply 48V, power 320W. IP67

# ACCESSORIES



## TR48005 TR48105

Power feed end cap (SELV) for 48V track, black finish.

TR48005 = left;  
TR48105 = right.

Compatible with  
all 48V tracks.



## TR48205

End cap, black finish for 48V track.

Compatible with:  
TR47105, TR47205,  
TR47305.



## TR48205

End cap for trimless 48V track.

Compatible with:  
TR47405, TR47505,  
TR47605.



## TR48405

End cap for high-profile 48V track.

Compatible with:  
TR47705, TR47805,  
TR47905.



## TR48505

Flexible black SELV electrical connector for 48V track.

Compatible with  
all 48V tracks.



## TR48405

Inline SELV electrical and mechanical connector for 48V track.

Compatible with:  
TR47105, TR47205,  
TR47305, TR47705,  
TR47805, TR47905.



## TR48705

Inline SELV electrical and mechanical connector for 48V trimless track.

Compatible with:  
TR47405, TR47505,  
TR47605.



## TR48805

L-shaped SELV electrical connector for 48V track.

Compatible with  
all 48V tracks.



## TR48905 TR49005

Aluminium L-profile for 48V track, black finish.

TR48905 = left;  
TR49005 = right.

Compatible with:  
TR47105, TR47205,  
TR47305.



## TR49105 TR49205

Aluminium L-profile for 48V trimless track, black finish.

TR49105 = left;  
TR49205 = right.

Compatible with:  
TR47405, TR47505,  
TR47605.



## TR49105 TR49205

Aluminium L-profile for high-profile 48V track, black finish.

TR49305 = left;  
TR49405 = right.

Compatible with:  
TR47705, TR47805,  
TR47905.



## TR49505

Vertical L-connector in aluminium for 48V track, black finish.

Compatible with:  
TR47105, TR47205,  
TR47305.



## TR49605

Vertical L-connector in aluminium for 48V trimless track, black finish.

Compatible with:  
TR47405, TR47505,  
TR47605.



## TR49605

Vertical L-connector in aluminium for high-profile 48V track, black finish.

Compatible with:  
TR47705, TR47805,  
TR47905.



## TR49805

3m suspension kit.

Compatible with:  
TR47105, TR47205,  
TR47305, TR47705,  
TR47805, TR47905.



## TR49905

Black painted aluminium clip for ceiling installation.

Compatible with:  
TR47105, TR47205,  
TR47305, TR47705,  
TR47805, TR47905.



## TR50005 TR50105 TR50205

Additional black protective sheath.

TR50005 1m  
TR50105 2m  
TR50205 3m



## TR50305

3m reinforcement and suspension kit.

Compatible with:  
TR47705, TR47805,  
TR47905, TR47105,  
TR47205, TR47305.



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