



2024/25

LINE48V

LINE48V



SURFACE-MOUNTED



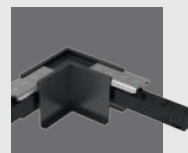
SLIM TRACK

6



BASIC TRACK

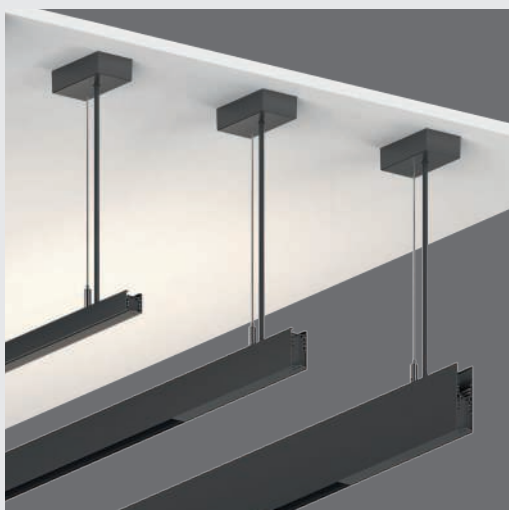
10



ACCESSORIES

26

SUSPENDED



SLIM TRACK

6



BASIC TRACK

10



H-TRACK

14



ACCESSORIES

26

RECESSED



FRAME TRACK

18



FRAMELESS TRACK

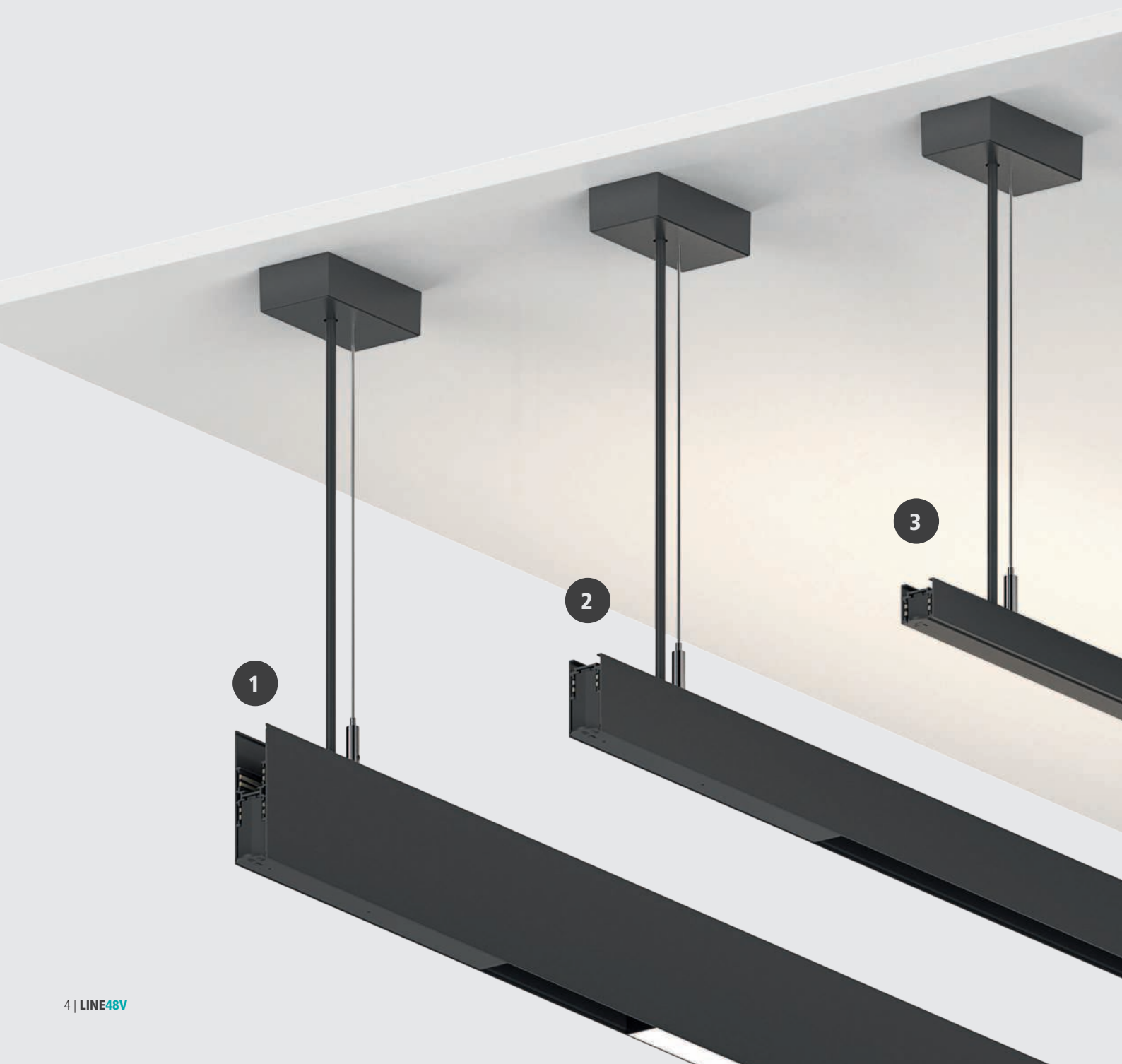
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ACCESSORIES

26

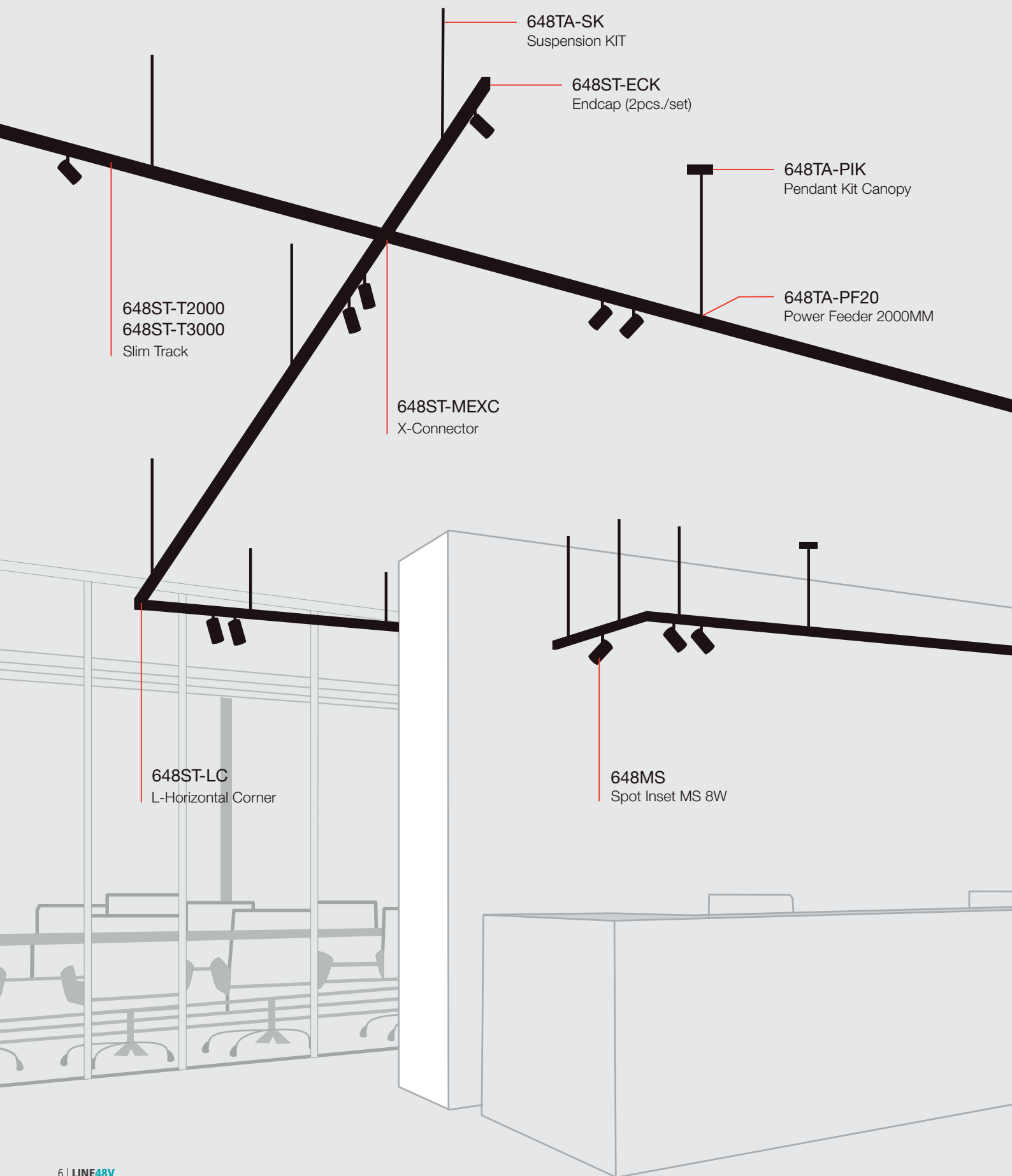
1. **H-TRACK** SUSPENDED
2. **BASIC TRACK** SUSPENDED
3. **SLIM TRACK** SUSPENDED
4. **SLIM TRACK** SURFACE-MOUNTED
5. **BASIC TRACK** SURFACE-MOUNTED
6. **FRAME TRACK** RECESSED
7. **FRAMELESS TRACK** RECESSED

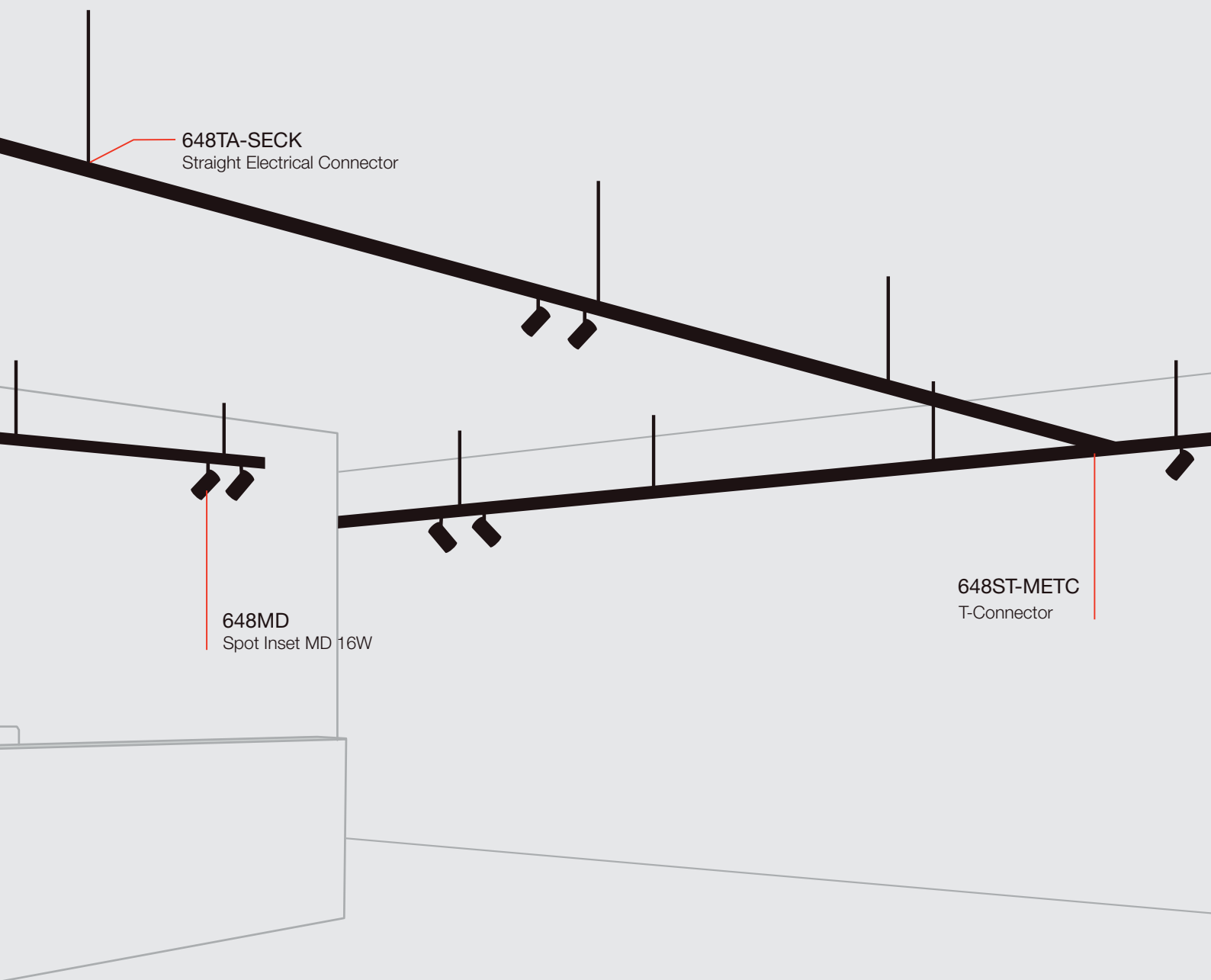




LINE48V | SLIM TRACK

SURFACE-MOUNTED OR SUSPENDED TRACK





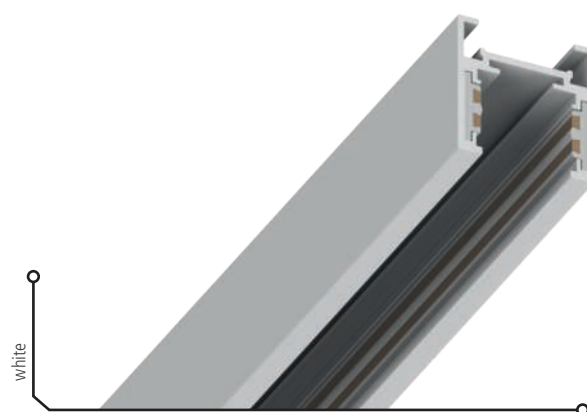
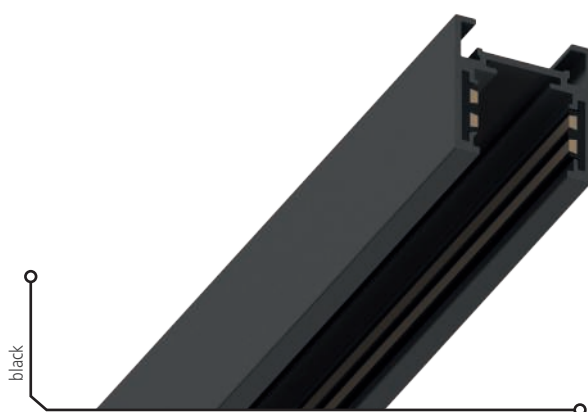
648TA-SECK
Straight Electrical Connector

648MD
Spot Inset MD 16W

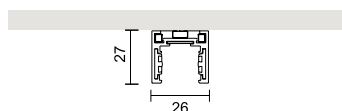
648ST-METC
T-Connector

LINE48V | SLIM TRACK

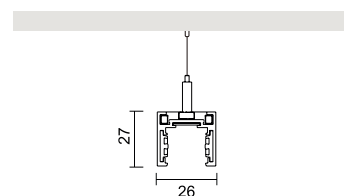
SURFACE-MOUNTED OR SUSPENDED TRACK



• SURFACE-MOUNTED



• SUSPENDED



DESCRIPTION

LINE48V is the modular 48V Low Voltage System solution with a sleek design approach, which is reduced to a 26mm wide extruded aluminium profile. Thanks to the reduced height of 27mm, the SLIM TRACK offers a minimalist, elegant design, that fits perfectly into the given architecture. All LINE48V tracks are available in a powder-coated black and white finish. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To extend the LINE48V system to its maximum, different connectors in I, L, T or X-shape are providing a numerous design options.



48 Vdc

COLOUR	HOUSING MATERIAL	DIMENSIONS (mm)	WEIGHT (kg)	MATERIAL NUMBER
■ black (RAL9005)	aluminium	L 2000 / W 26 / H 27	1,44	648ST-T2000-B
□ white (RAL9016)	aluminium	L 2000 / W 26 / H 27	1,44	648ST-T2000-W
■ black (RAL9005)	aluminium	L 3000 / W 26 / H 27	2,16	648ST-T3000-B
□ white (RAL9016)	aluminium	L 3000 / W 26 / H 27	2,16	648ST-T3000-W

ACCESSORIES

Corners incl. flexible continuous electrical kit.



648ST-ECK-B



648ST-LC-B



648ST-LVC-B



648ST-METC-B



648ST-MEXC-B



648ST-ECK-W



648ST-LC-W



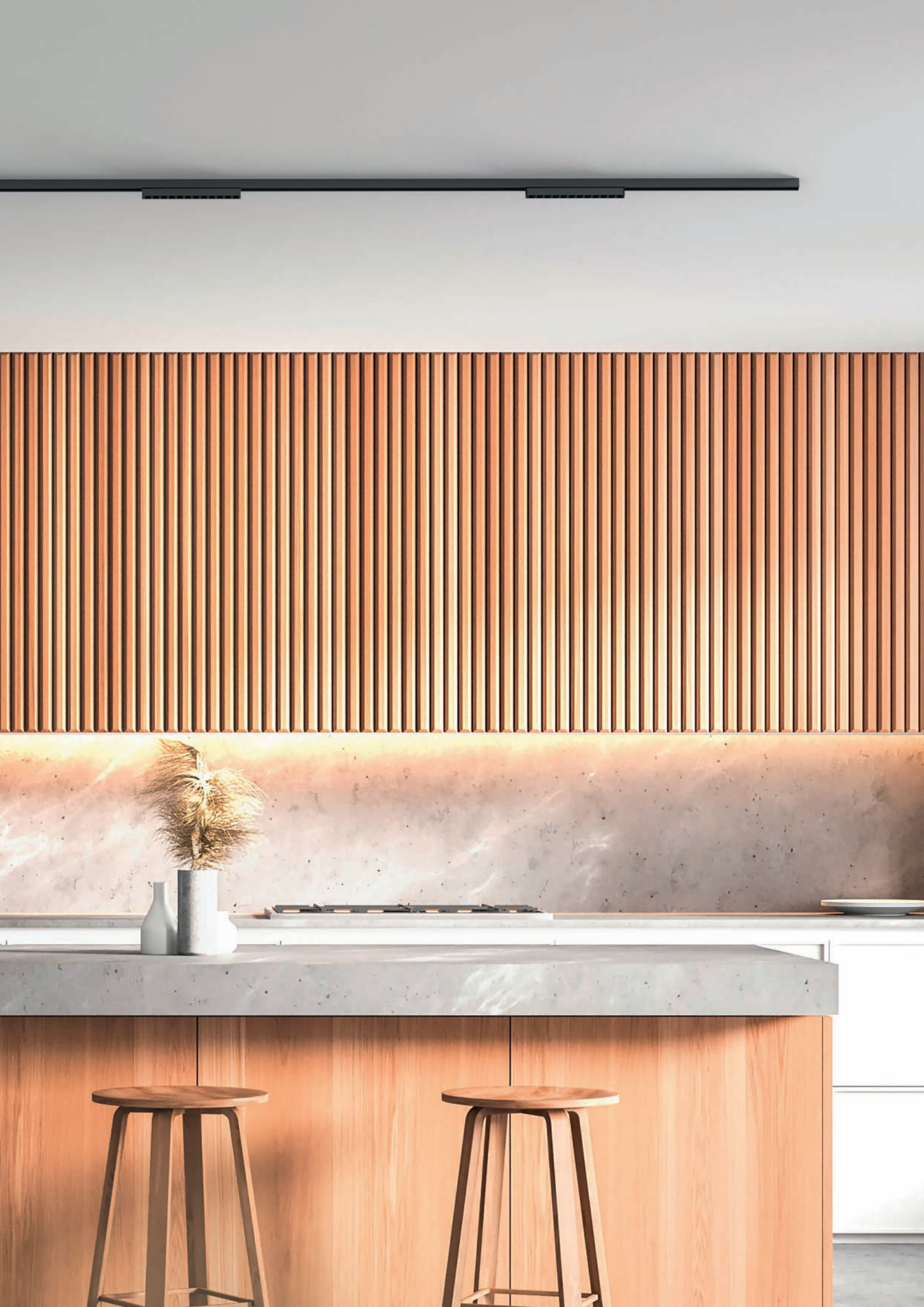
648ST-LVC-W



648ST-METC-W

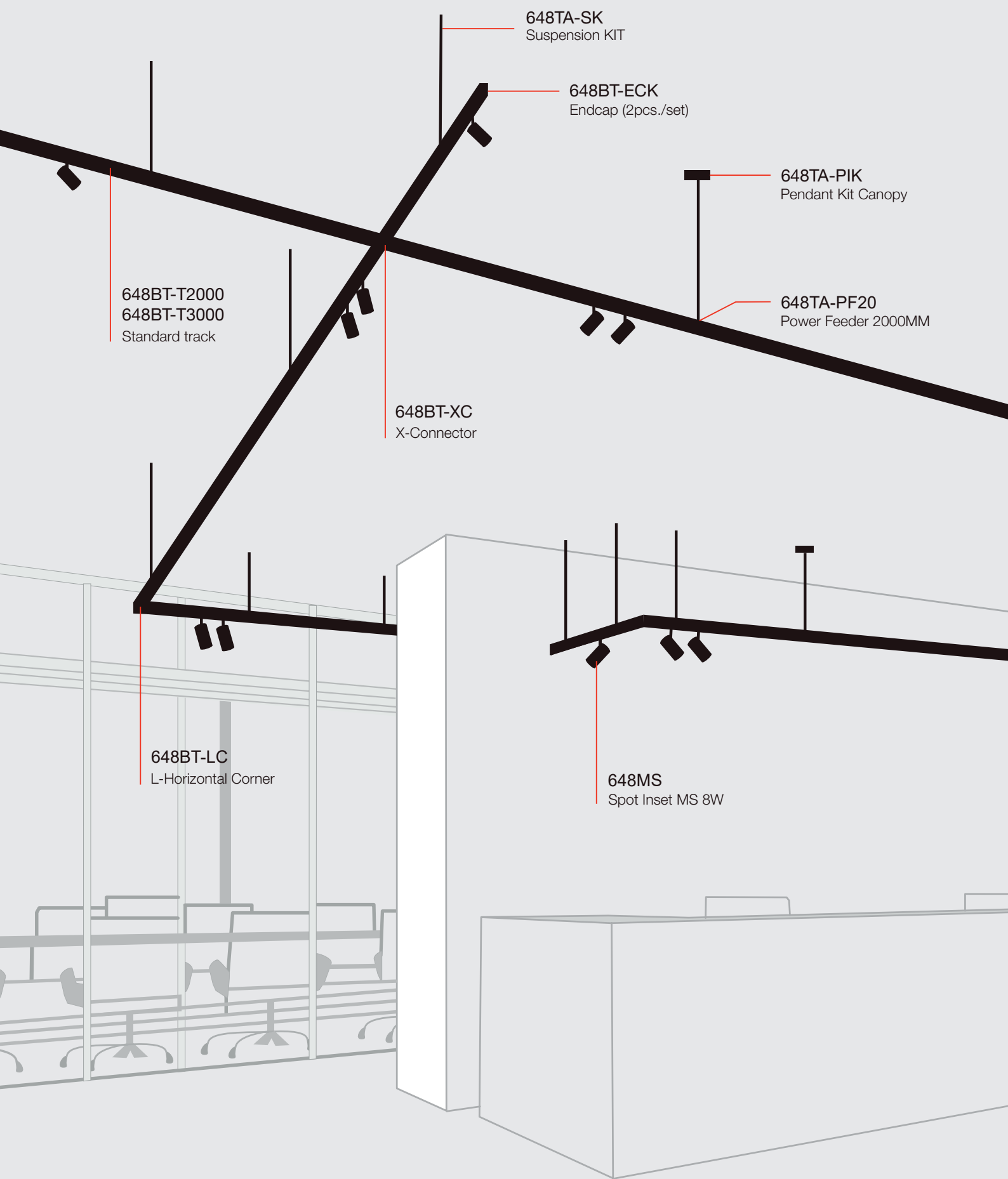


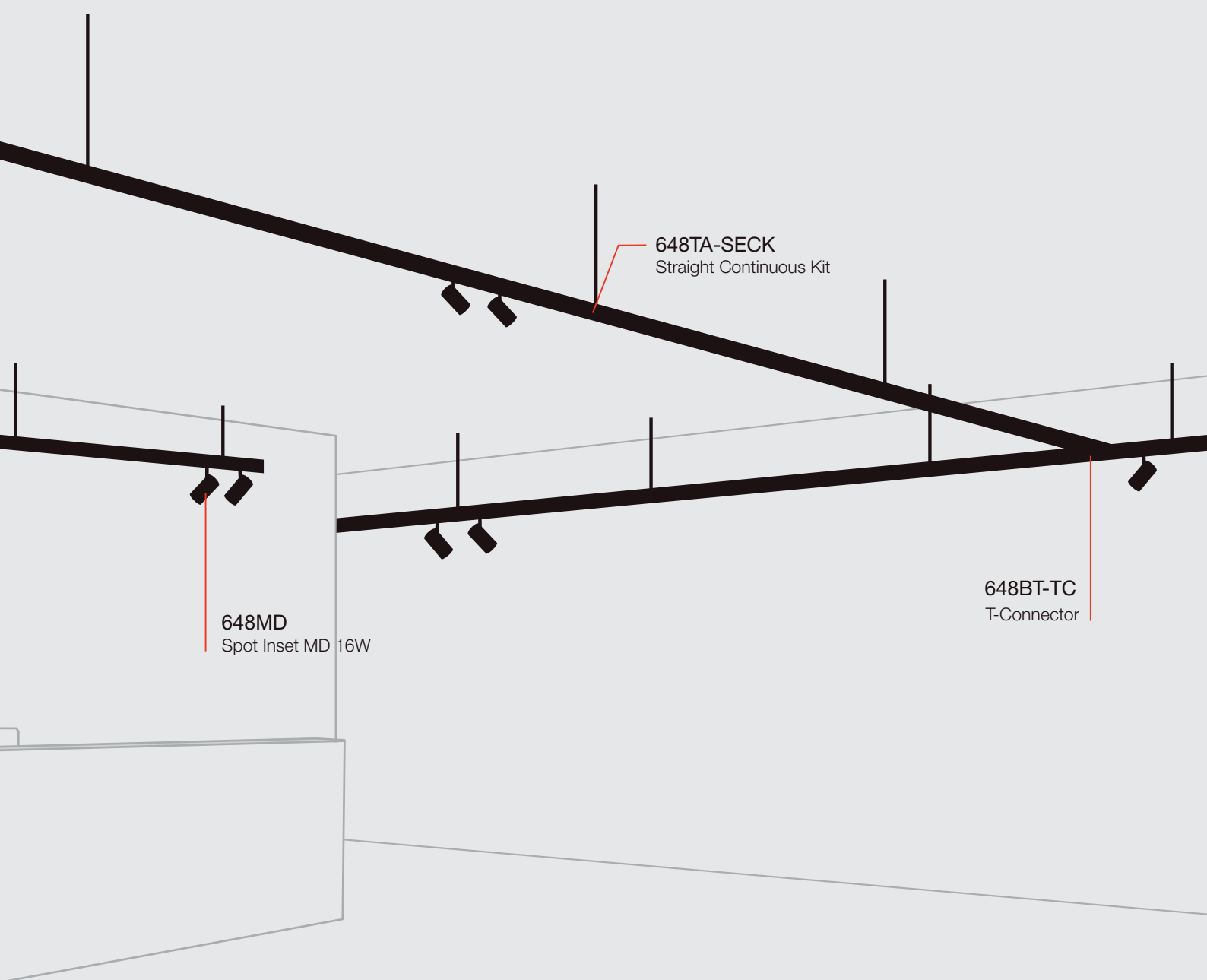
648ST-MEXC-W



LINE48V | BASIC TRACK

SURFACE-MOUNTED OR SUSPENDED TRACK





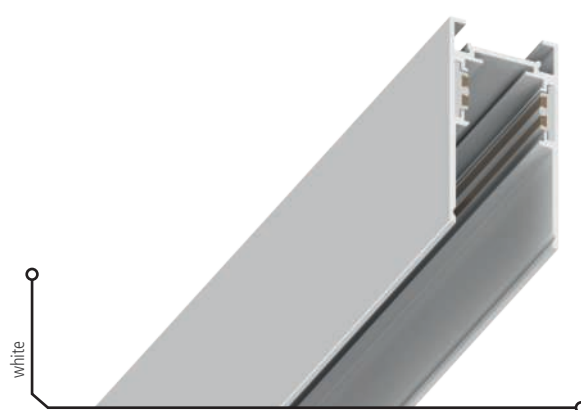
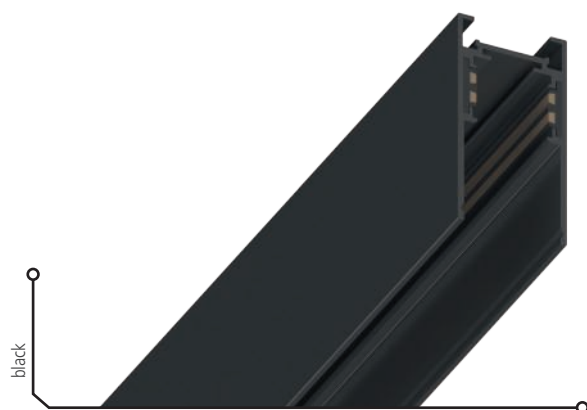
648TA-SECK
Straight Continuous Kit

648MD
Spot Inset MD 16W

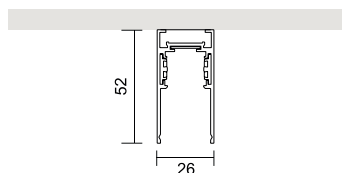
648BT-TC
T-Connector

LINE48V | BASIC TRACK

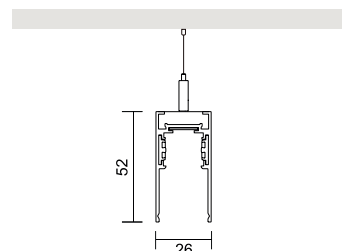
SURFACE-MOUNTED OR SUSPENDED TRACK



• SURFACE-MOUNTED



• SUSPENDED



DESCRIPTION

LINE48V is the modular 48V Low Voltage System solution with a sleek design approach, which is reduced to a 26mm wide extruded aluminium profile. The BASIC TRACK with the height of 52mm allows ideal solutions for pendant and surface-mounted installation. All LINE48V tracks are available in a powder-coated black and white finish. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To extend the LINE48V system to its maximum, different connectors in I, L, T or X-shape are providing a numerous design options.



48 Vdc

COLOUR	HOUSING MATERIAL	DIMENSIONS (mm)	WEIGHT (kg)	MATERIAL NUMBER
■ black (RAL9005)	aluminium	L 2000 / W 26 / H 52	2,10	648BT-T2000-B
□ white (RAL9016)	aluminium	L 2000 / W 26 / H 52	2,10	648BT-T2000-W
■ black (RAL9005)	aluminium	L 3000 / W 26 / H 52	3,15	648BT-T3000-B
□ white (RAL9016)	aluminium	L 3000 / W 26 / H 52	3,15	648BT-T3000-W

ACCESSORIES

Corners incl. flexible continuous electrical kit.



648BT-ECK-B



648BT-LC-B



648BT-LVC-B



648BT-TC-B



648BT-XC-B



648TA-SK-B



648BT-ECK-W



648BT-LC-W



648BT-LVC-W

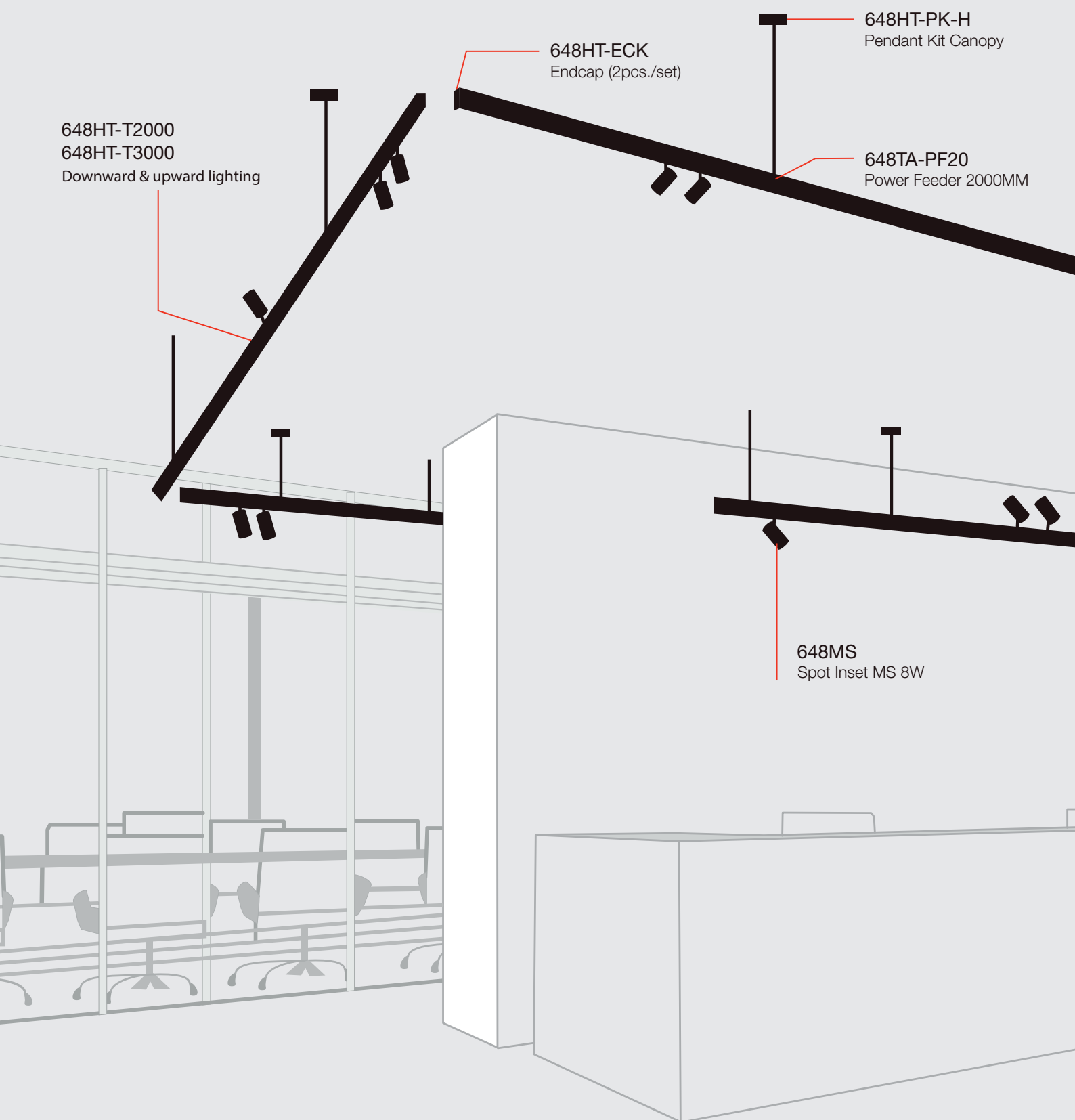


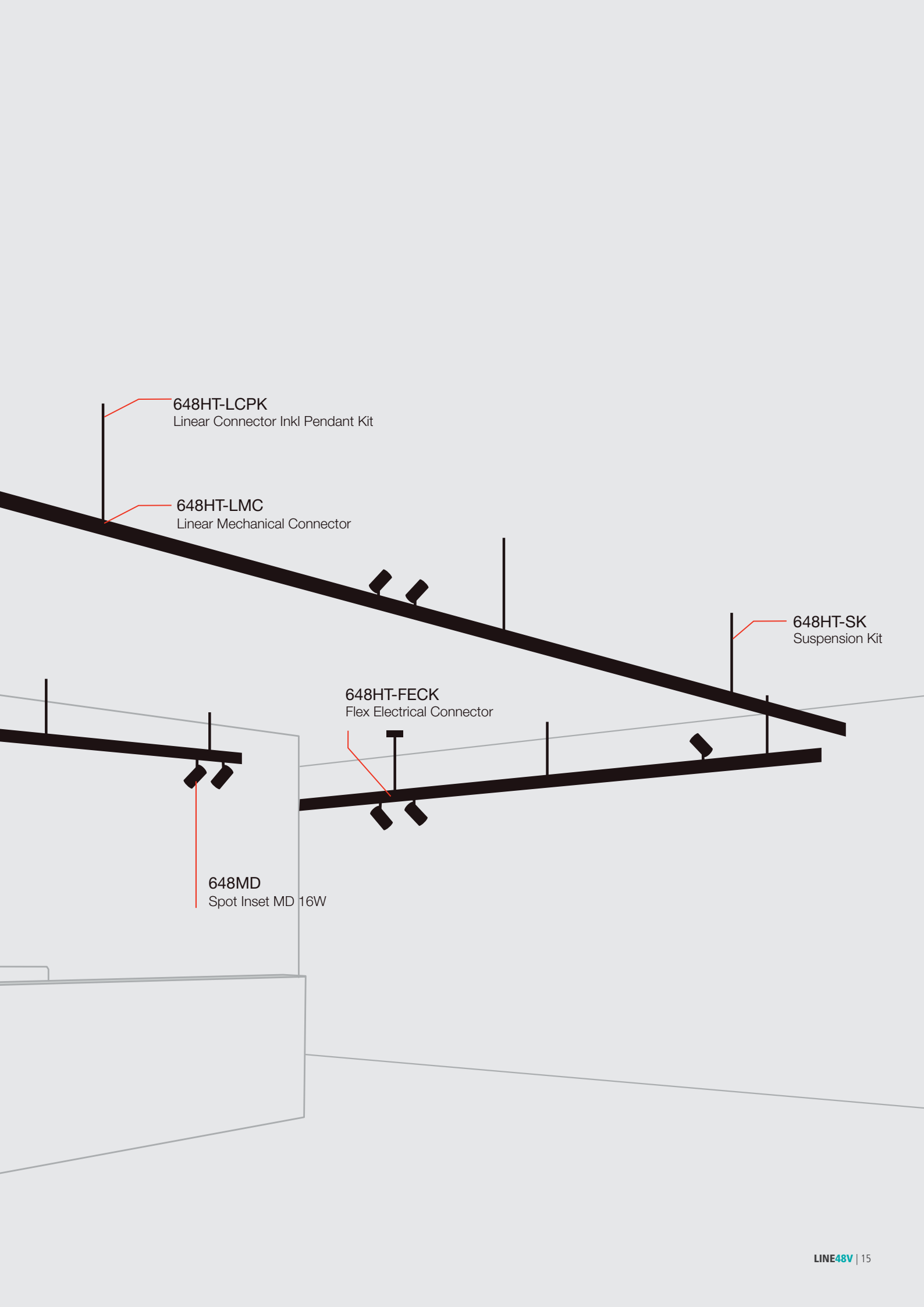
648BT-TC-W



648BT-XC-W







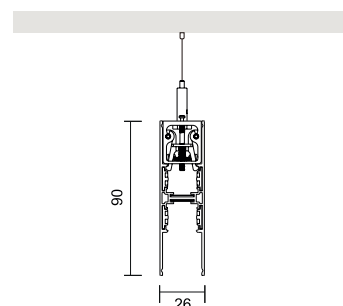
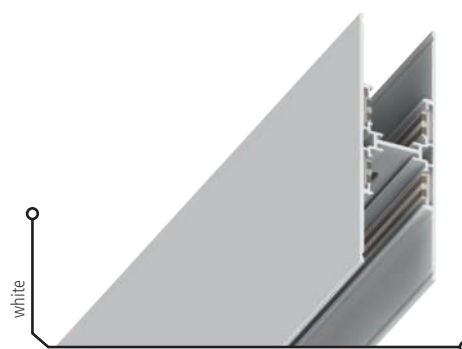
648HT-LCPK
Linear Connector Inkl Pendant Kit

648HT-LMC
Linear Mechanical Connector

648HT-SK
Suspension Kit

648HT-FECK
Flex Electrical Connector

648MD
Spot Inset MD 16W



DESCRIPTION

LINE48V is the modular 48V Low Voltage System solution with a sleek design approach, which is reduced to a 26mm wide extruded aluminium profile. The double-sided H-TRACK with the height of 90mm provides a revolutionised pendant solution, where all the insets can be installed from below and above. All LINE48V tracks are available in a powder-coated black and white finish. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To extend the LINE48V system to its maximum, straight line connectors are providing a numerous design options for the H-Track.



48 Vdc

COLOUR	HOUSING MATERIAL	DIMENSIONS (mm)	WEIGHT (kg)	MATERIAL NUMBER
■ black (RAL9005)	aluminium	L 2000 / W 26 / H 90	2,80	648HT-T2000-B
□ white (RAL9016)	aluminium	L 2000 / W 26 / H 90	2,80	648HT-T2000-W
■ black (RAL9005)	aluminium	L 3000 / W 26 / H 90	4,20	648HT-T3000-B
□ white (RAL9016)	aluminium	L 3000 / W 26 / H 90	4,20	648HT-T3000-W

ACCESSORIES

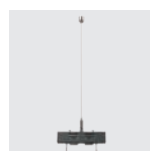
Corners incl. flexible continuous electrical kit.



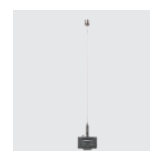
648HT-ECK-B



648HT-LMC-B



648HT-LCPK



648HT-SK



648HT-PK-H-B

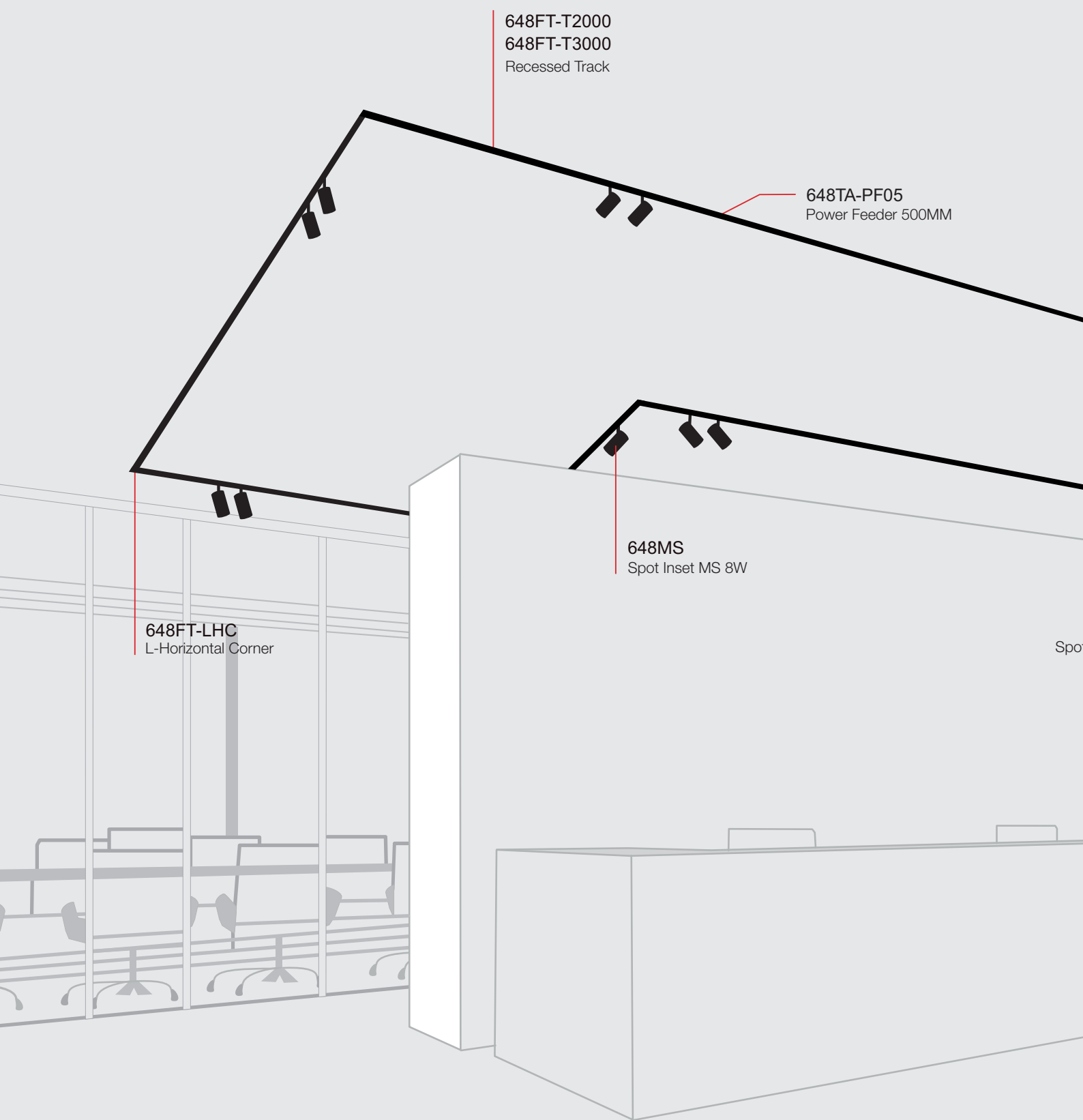


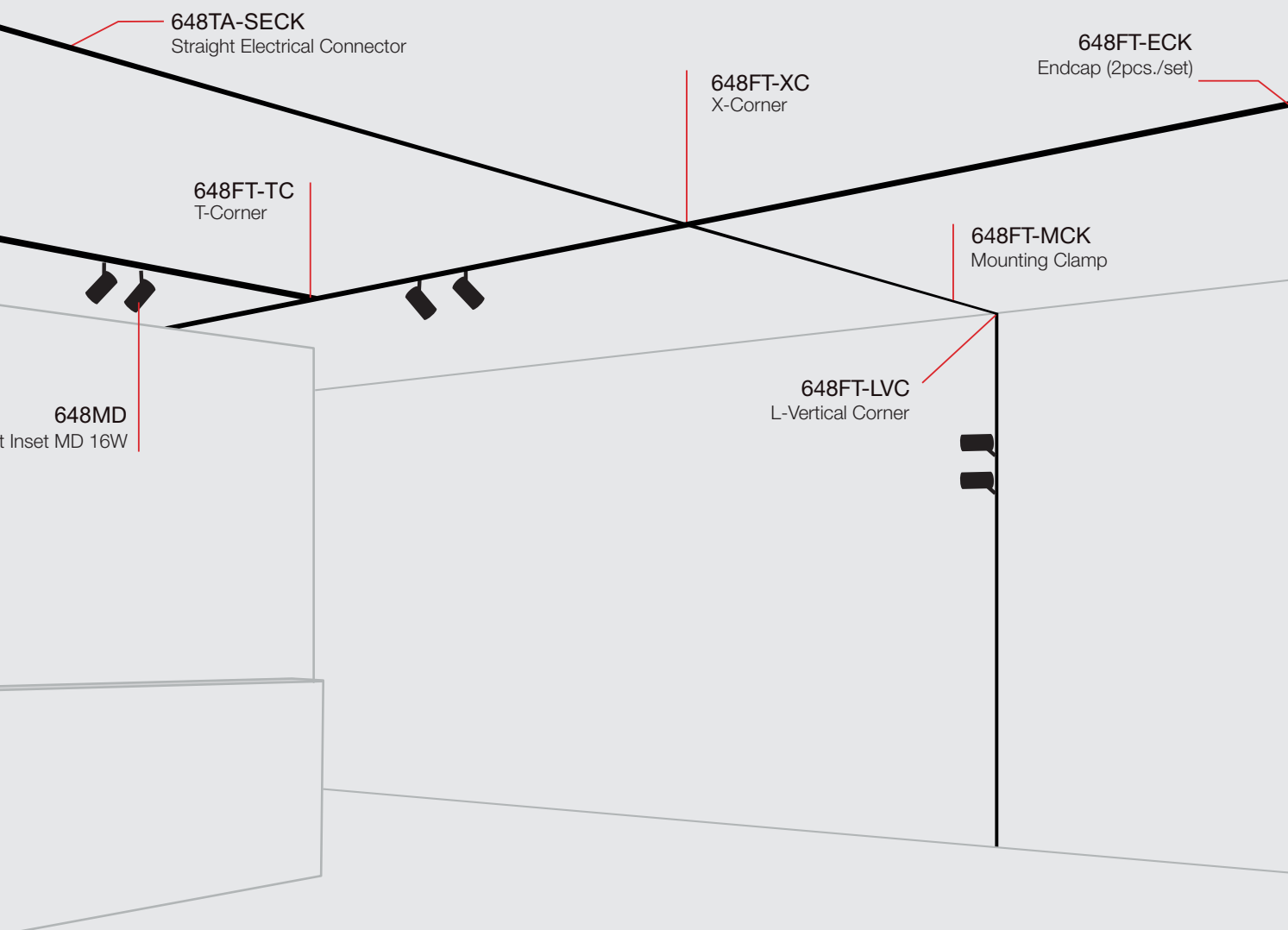
648HT-ECK-W



648HT-PK-H-W

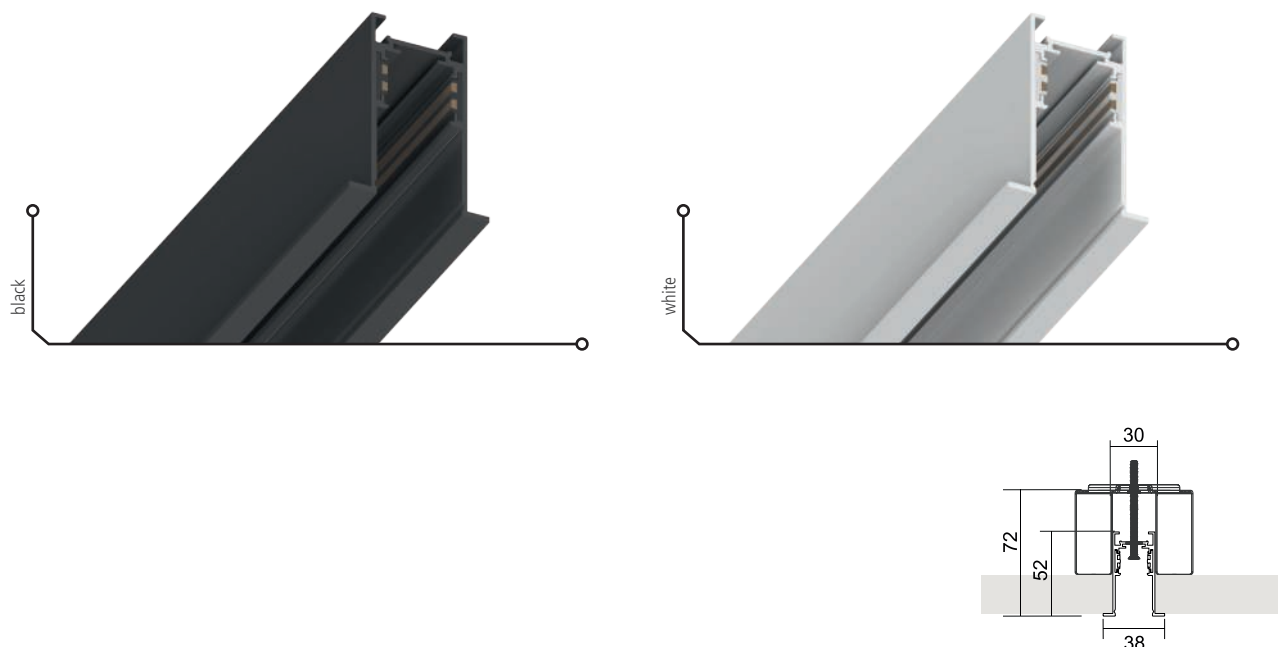






LINE48V | FRAME TRACK

RECESSED TRACK



DESCRIPTION

LINE48V is the modular 48V Low Voltage System solution with a sleek design approach, which is reduced to a 26mm inner profile wide extruded aluminium profile. The FRAME TRACK with the outer profile width of 36mm allows ideal solutions for recessed installation. All LINE48V tracks are available in a powder-coated black and white finish. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To extend the LINE48V system to its maximum, different connectors in I, L, T or X-shape are providing a numerous design options.



48 Vdc



L+10mm



60 mm



31 mm

COLOUR	HOUSING MATERIAL	DIMENSIONS (mm)	WEIGHT (kg)	MATERIAL NUMBER
■ black (RAL9005)	aluminium	L 2000 / W 38 / H 52	2,40	648FT-T2000-B
□ white (RAL9016)	aluminium	L 2000 / W 38 / H 52	2,40	648FT-T2000-W
■ black (RAL9005)	aluminium	L 3000 / W 38 / H 52	3,60	648FT-T3000-B
□ white (RAL9016)	aluminium	L 3000 / W 38 / H 52	3,60	648FT-T3000-W

ACCESSORIES

Corners incl. flexible continuous electrical kit.



648FT-ECK-B



648FT-LHC-B



648FT-LVC-B



648FT-TC-B



648FT-XC-B



648FT-MCK



648FT-ECK-W



648FT-LHC-W



648FT-LVC-W

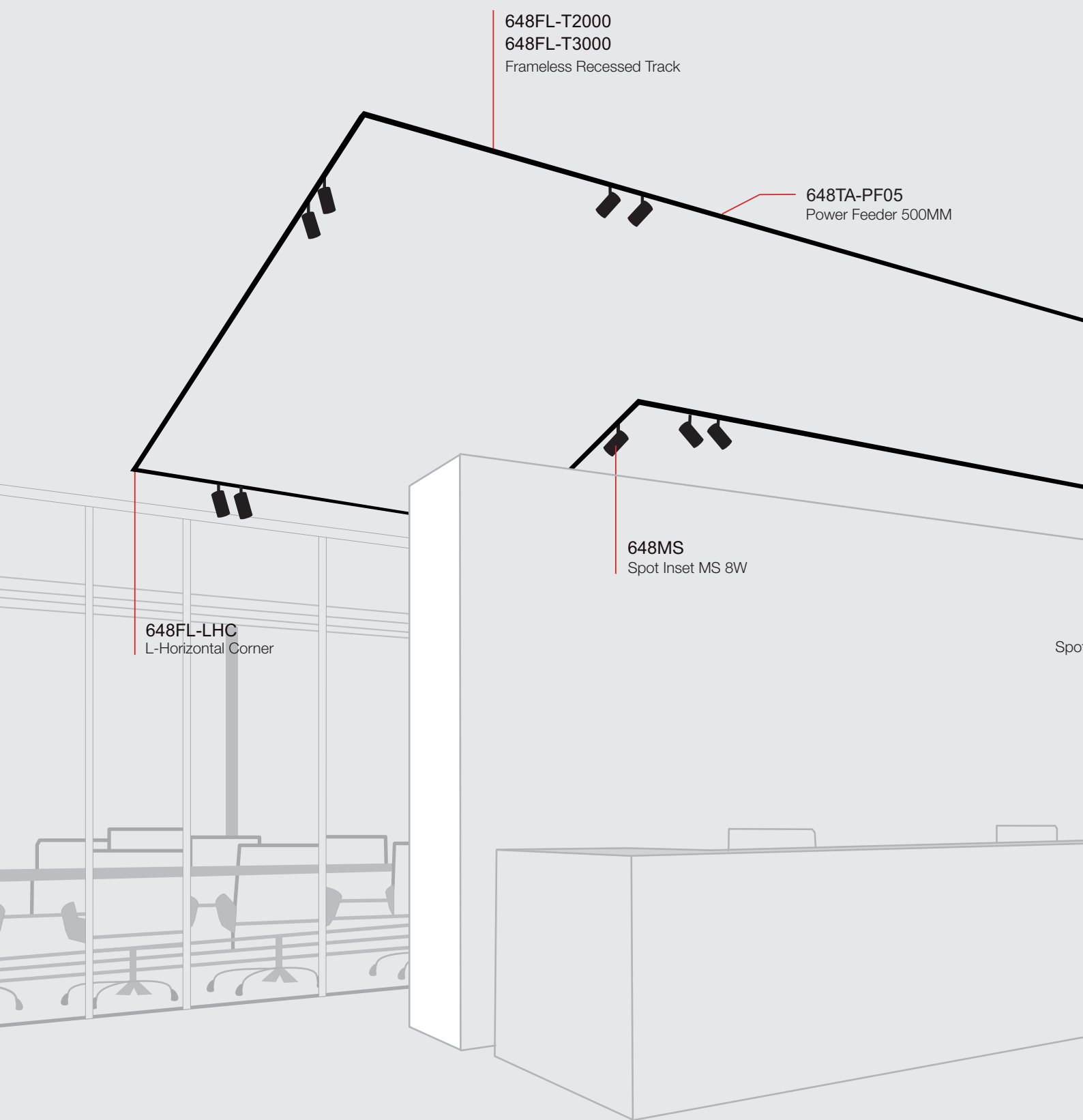


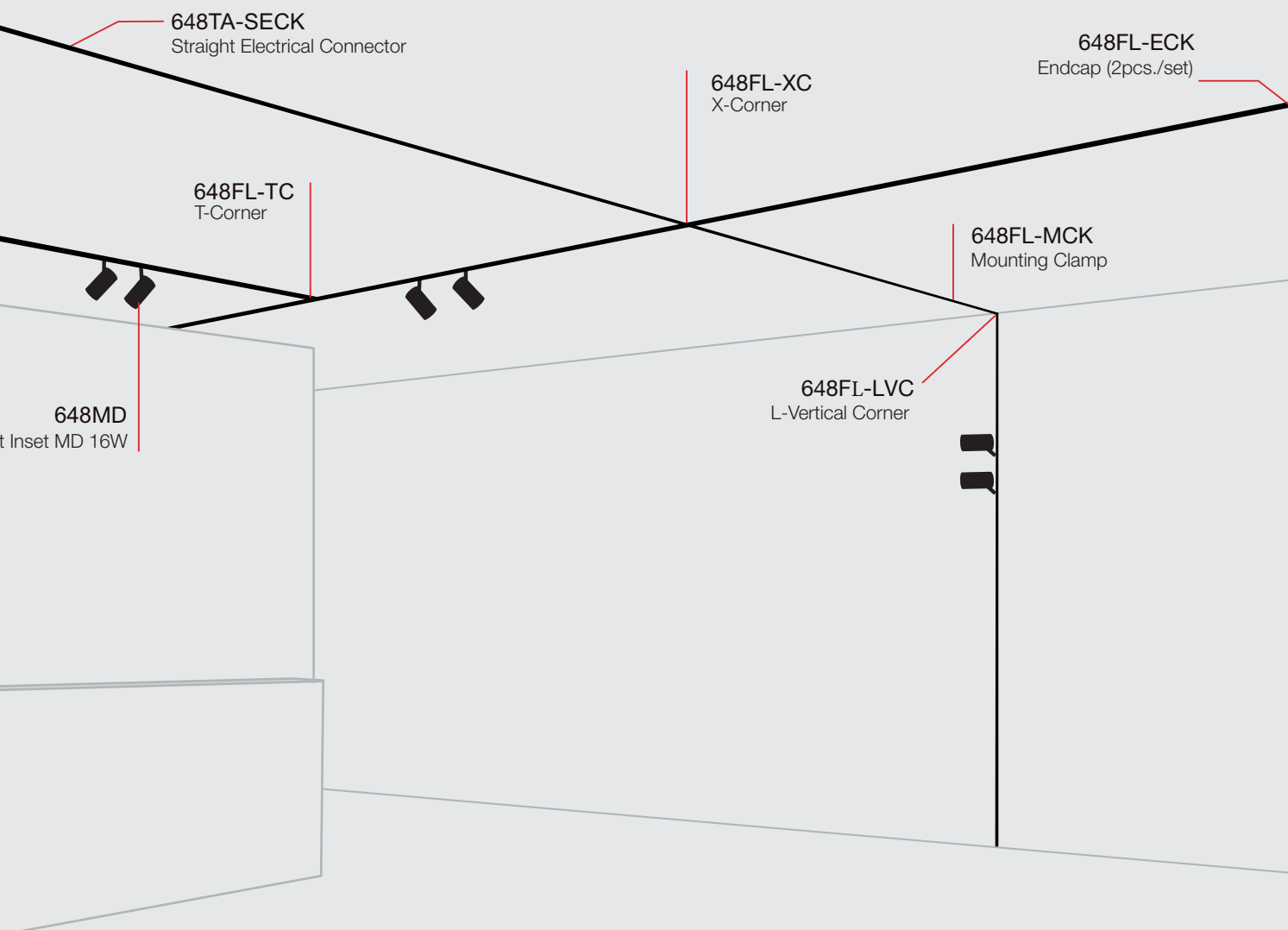
648FT-TC-W



648FT-XC-W

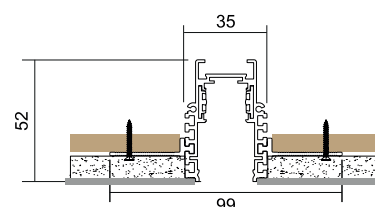
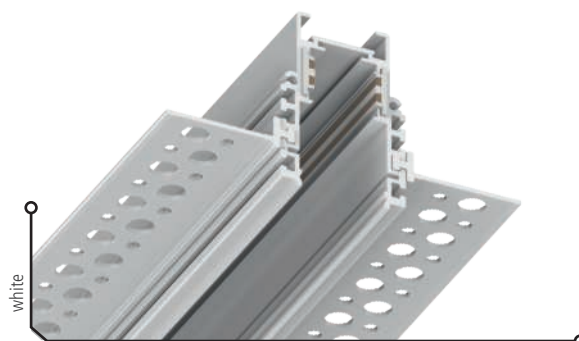
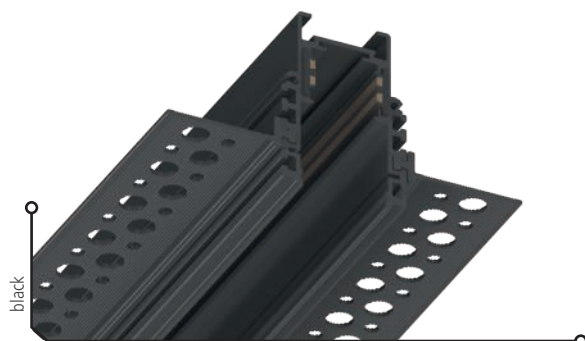






LINE48V | FRAMELESS TRACK

RECESSED TRACK



DESCRIPTION

LINE48V is the modular 48V Low Voltage System solution with a sleek design approach, which is reduced to a 26mm inner profile wide extruded aluminium profile. The FRAMELESS TRACK allows ideal solutions for trimless recessed installation with a seamless transition between the profile and the ceiling. All LINE48V tracks are available in a powder-coated black and white finish. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To extend the LINE48V system to its maximum, different connectors in I, L, T or X-shape are providing a numerous design options.



48 Vdc



L+10mm



50 mm



40 mm

COLOUR	HOUSING MATERIAL	DIMENSIONS (mm)	WEIGHT (kg)	MATERIAL NUMBER
■ black (RAL9005)	aluminium	L 2000 / W 35 / H 52	2,60	648FL-T2000-B
□ white (RAL9016)	aluminium	L 2000 / W 35 / H 52	2,60	648FL-T2000-W
■ black (RAL9005)	aluminium	L 3000 / W 35 / H 52	3,80	648FL-T3000-B
□ white (RAL9016)	aluminium	L 3000 / W 35 / H 52	3,80	648FL-T3000-W

ACCESSORIES

Corners incl. flexible continuous electrical kit.



648FL-ECK-B



648FL-LHC-B



648FL-LVC-B



648FL-TC-B



648FL-XC-B



648FL-MCK



648FL-ECK-W



648FL-LHC-W



648FL-LVC-W



648FL-TC-W



648FL-XC-W





TRACK TYPE	DESCRIPTION	COLOUR	HOUSING MATERIAL	DIMENSIONS (mm)	CABLE LENGTH (mm)	WEIGHT (kg)	MATERIAL NUMBER
SLIM TRACK 648ST	L-CONNECTOR HORIZONTAL	■ black (RAL9005)	aluminium	L 73 / W 73 / H 27	-	0,16	648ST-LC-B
	L-CONNECTOR HORIZONTAL	□ white (RAL9016)	aluminium	L 73 / W 73 / H 27	-	0,16	648ST-LC-W
	T-CONNECTOR	■ black (RAL9005)	aluminium	L 96 / W 61 / H 26	-	0,18	648ST-METC-B
	T-CONNECTOR	□ white (RAL9016)	aluminium	L 96 / W 61 / H 26	-	0,18	648ST-METC-W
	X-CONNECTOR	■ black (RAL9005)	aluminium	L 96 / W 96 / H 26	-	0,18	648ST-MEXC-B
	X-CONNECTOR	□ white (RAL9016)	aluminium	L 96 / W 96 / H 26	-	0,18	648ST-MEXC-W
	L-CORNER VERTICAL	■ black (RAL9005)	aluminium	L 100 / W 100 / H 26	-	0,16	648ST-LVC-B
	L-CORNER VERTICAL	□ white (RAL9016)	aluminium	L 100 / W 100 / H 26	-	0,16	648ST-LVC-W
	ENDCAP SET (2PCS/SET)	■ black (RAL9005)	plastic	L 27 / W 26 / H 11	-	0,03	648ST-ECK-B
	ENDCAP SET (2PCS/SET)	□ white (RAL9016)	plastic	L 27 / W 26 / H 11	-	0,03	648ST-ECK-W
	COVER	■ black (RAL9005)	plastic	L 2000 / W 18 / H 17		0,18	648ST-PC2000-B
	COVER	□ white (RAL9016)	plastic	L 2000 / W 18 / H 17		0,18	648ST-PC2000-W
BASIC TRACK 648BT	L-CONNECTOR HORIZONTAL	■ black (RAL9005)	aluminium	L 73 / W 73 / H 52	-	0,17	648BT-LC-B
	L-CONNECTOR HORIZONTAL	□ white (RAL9016)	aluminium	L 73 / W 73 / H 52	-	0,17	648BT-LC-W
	T-CONNECTOR	■ black (RAL9005)	aluminium	L 96 / W 61 / H 52	-	0,19	648BT-TC-B
	T-CONNECTOR	□ white (RAL9016)	aluminium	L 96 / W 61 / H 52	-	0,19	648BT-TC-W
	X-CONNECTOR	■ black (RAL9005)	aluminium	L 96 / W 96 / H 52	-	0,19	648BT-XC-B
	X-CONNECTOR	□ white (RAL9016)	aluminium	L 96 / W 96 / H 52	-	0,19	648BT-XC-W
	L-CORNER VERTICAL	■ black (RAL9005)	aluminium	L 80 / W 80 / H 26	-	0,17	648BT-LVC-B
	L-CORNER VERTICAL	□ white (RAL9016)	aluminium	L 80 / W 80 / H 26	-	0,17	648BT-LVC-W
	ENDCAP SET (2PCS/SET)	■ black (RAL9005)	plastic	L 52 / W 26 / H 11	-	0,04	648BT-ECK-B
	ENDCAP SET (2PCS/SET)	□ white (RAL9016)	plastic	L 52 / W 26 / H 11	-	0,04	648BT-ECK-W

CORNERS / CONNECTORS INCL. FLEXIBLE CONTINUOUS KIT ELECTRICAL

TRACK TYPE	DESCRIPTION	COLOUR	HOUSING MATERIAL	DIMENSIONS (mm)	CABLE LENGTH (mm)	WEIGHT (kg)	MATERIAL NUMBER
SLIM / BASIC TRACK	PENDANT SET (2PCS/SET)	■ black (RAL9005)	aluminium	L 33 / W 24 / H 8	-	0,07	648TA-SK-B
	SET (2PCS/SET) INCL. CANOPY	■ black (RAL9005)	metal	L 100 / W 55 / H 30	2000	0,31	648TA-PIK-B
	PENDANT SET (2PCS/SET) INCL. CANOPY	□ white (RAL9016)	metal	L 100 / W 55 / H 30	2000	0,31	648TA-PIK-W
	MECH. CONNECTION SET	■ black (RAL9005)	aluminium	L 60 / W 24 / H 2	-	0,08	648TA-MLC-B
H-TRACK 648HT	MECH. CONNECTION SET	■ black (RAL9005)	aluminium	L 115 / W 23 / H 25	-	0,08	648HT-LMC-B
	CONNECTOR WITH PENDANT SET	■ black (RAL9005)	aluminium	L 115 / W 23 / H 25	2000	0,09	648HT-LCPK
	PENDANT SET (2PCS/SET)	■ black (RAL9005)	aluminium	L 45 / W 23 / H 25	2000	0,09	648HT-SK
	PENDANT SET (2PCS/SET) INCL. CANOPY	■ black (RAL9005)	aluminium	L 45 / W 23 / H 25	2000	0,34	648HT-PK-H-B
	PENDANT SET (2PCS/SET) INCL. CANOPY	□ white (RAL9016)	aluminium	L 45 / W 23 / H 25	2000	0,34	648HT-PK-H-W
	FLEX. ELECTRICAL CONNECTION SET	■ black (RAL9005)	plastic	L 95 / W 17 / H 16	-	0,06	648HT-FECK-B
	FLEX. ELECTRICAL CONNECTION SET	□ white (RAL9016)	plastic	L 95 / W 17 / H 16	-	0,06	648HT-FECK-W
	ENDCAP SET (2PCS/SET)	■ black (RAL9005)	aluminium	L 90 / W 26 / H 15	-	0,05	648HT-ECK-B
	ENDCAP SET (2PCS/SET)	□ white (RAL9016)	aluminium	L 90 / W 26 / H 15	-	0,05	648HT-ECK-W
RECESSED FRAME TRACK 648FT	L-CORNER HORIZONTAL	■ black (RAL9005)	aluminium	L 80 / W 80 / H 52	-	0,33	648FT-LHC-B
	L-CORNER HORIZONTAL	□ white (RAL9016)	aluminium	L 80 / W 80 / H 52	-	0,33	648FT-LHC-W
	L-CORNER VERTICAL	■ black (RAL9005)	aluminium	L 80 / W 80 / H 38	-	0,33	648FT-LVC-B
	L-CORNER VERTICAL	□ white (RAL9016)	aluminium	L 80 / W 80 / H 38	-	0,33	648FT-LVC-W
	T-CONNECTOR	■ black (RAL9005)	aluminium	L 120 / W 80 / H 38	-	0,35	648FT-TC-B
	T-CONNECTOR	□ white (RAL9016)	aluminium	L 120 / W 80 / H 38	-	0,35	648FT-TC-W
	X-CONNECTOR	■ black (RAL9005)	aluminium	L 120 / W 120 / H 38	-	0,35	648FT-XC-B
	X-CONNECTOR	□ white (RAL9016)	aluminium	L 120 / W 120 / H 38	-	0,35	648FT-XC-W
	ENDCAP SET (2PCS/SET)	■ black (RAL9005)	plastic	L 38 / W 13 / H 52	-	0,04	648FT-ECK-B
	ENDCAP SET (2PCS/SET)	□ white (RAL9016)	plastic	L 38 / W 13 / H 52	-	0,04	648FT-ECK-W
	MOUNTING CLAMP (2PCS)	■ silver	aluminium	L 72 / W 20 / H 55	-	0,1	648FT-MCK
RECESSED FRAMELESS TRACK 648FL	L-CORNER HORIZONTAL	■ black (RAL9005)	aluminium	L 100 / W 100 / H 52	-	0,33	648FL-LHC-B
	L-CORNER HORIZONTAL	□ white (RAL9016)	aluminium	L 100 / W 100 / H 52	-	0,33	648FL-LHC-W
	L-CORNER VERTICAL	■ black (RAL9005)	aluminium	L 100 / W 100 / H 52	-	0,33	648FL-LVC-B
	L-CORNER VERTICAL	□ white (RAL9016)	aluminium	L 100 / W 100 / H 52	-	0,33	648FL-LVC-W
	T-CONNECTOR	■ black (RAL9005)	aluminium	L 120 / W 100 / H 52	-	0,35	648FL-TC-B
	T-CONNECTOR	□ white (RAL9016)	aluminium	L 120 / W 100 / H 52	-	0,35	648FL-TC-W
	X-CONNECTOR	■ black (RAL9005)	aluminium	L 120 / W 120 / H 52	-	0,35	648FL-XC-B
	X-CONNECTOR	□ white (RAL9016)	aluminium	L 120 / W 120 / H 52	-	0,35	648FL-XC-W
	ENDCAP SET (2PCS/SET)	■ black (RAL9005)	plastic	L 56 / W 26 / H 2	-	0,04	648FL-ECK-B
	ENDCAP SET (2PCS/SET)	□ white (RAL9016)	plastic	L 56 / W 26 / H 2	-	0,04	648FL-ECK-W
	MOUNTING CLAMP (2PCS)	■ black (RAL9005)	aluminium	L 120 / W 36 / H 9	-	0,1	648FL-MCK
FOR ALL TRACKS	POWERFEEDER UNIT WITH CABLE	■ black (RAL9005)	plastic	L 97 / W 17 / H 16	500	0,05	648TA-PF05-B
	POWERFEEDER UNIT WITH CABLE	□ white (RAL9016)	plastic	L 97 / W 17 / H 16	500	0,05	648TA-PF05-W
	POWERFEEDER UNIT WITH CABLE	■ black (RAL9005)	plastic	L 97 / W 17 / H 16	2000	0,05	648TA-PF20-B
	POWERFEEDER UNIT WITH CABLE	□ white (RAL9005)	plastic	L 97 / W 17 / H 16	2000	0,05	648TA-PF20-W
	FLEXIBLE ELECTRICAL CONNECTION	■ black (RAL9005)	plastic	L 229 / W 16 / H 17	-	0,05	648TA-FECK-B
	FLEXIBLE ELECTRICAL CONNECTION SET	□ white (RAL9016)	plastic	L 229 / W 16 / H 17	-	0,05	648TA-FECK-W
	STRAIGHT ELECTRICAL CONNECTION SET	■ black (RAL9005)	plastic	L 144 / W 16 / H 17	-	0,05	648TA-SECK-B
	RIGID ELECTRICAL CONNECTION SET	□ white (RAL9016)	plastic	L 144 / W 16 / H 17	-	0,05	648TA-SECK-W
	COVER FOR 648BT/648HT/648FT/648FL TRACK	■ black (RAL9005)	aluminium	L 2000 / W 24 / H 5	-	0,17	648TA-AC2000-B
	COVER FOR 648BT/648HT/648FT/648FL TRACK	□ white (RAL9016)	aluminium	L 2000 / W 24 / H 6	-	0,17	648TA-AC2000-W

CORNERS / CONNECTORS INCL. FLEXIBLE CONTINUOUS KIT ELECTRICAL

LUMINAIRES



SPOT INSET MS
30



SPOT INSET MD
31



SPOT INSET MZ
32



SPOT INSET SF
33



SPOT INSET DS
34



SPOT INSET DD
38



LINE INSET LM
42



LINE INSET OM
43



LINE INSET MM
44



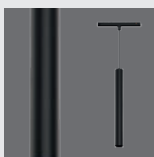
LINE INSET AM
45



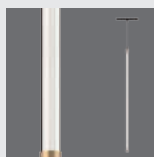
PIEDALE PP
46



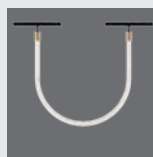
CANALELLO PC
48



TORTORETO PT
50



ROBE INSET RS
51



ROBE INSET RU
52

DRIVERS



100 W
54



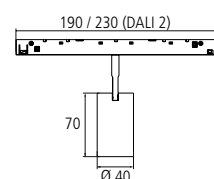
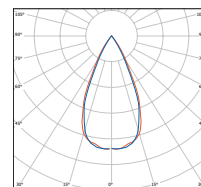
250 W
54



320 / 480 W
55



SIGNAL CONTROLLER
55

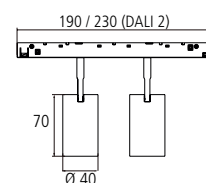
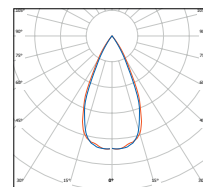


DESCRIPTION

The powerful and glare-free Single cylindrical Spotlight with Ø40mm diameter for the modular LINE48V Low Voltage promises a variety of different configurations options. The colour temperature is available in 2700K, 3000K and 4000K and can be adapted to your requirements with a colour rendering index >90. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Single Spotlight can be selected with on/off as well as with DALI drivers.

LED	CRI	SDCM							
8 W	>90	≤3	>50.000 h	<19	45°	max. 90°	355°	48 V	

DIMMABLE	COLOUR	DIMENSIONS (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
	■ black (RAL9005)	Ø 40 / L 190 / H 130	2700	395	0,17	648MS-459271-OOBLB
	□ white (RAL9016)	Ø 40 / L 190 / H 130	2700	395	0,17	648MS-459271-OOWHB
	■ black (RAL9005)	Ø 40 / L 190 / H 130	3000	586	0,17	648MS-459301-OOBLB
	□ white (RAL9016)	Ø 40 / L 190 / H 130	3000	586	0,17	648MS-459301-OOWHB
	■ black (RAL9005)	Ø 40 / L 190 / H 130	4000	655	0,17	648MS-459401-OOBLB
	□ white (RAL9016)	Ø 40 / L 190 / H 130	4000	655	0,17	648MS-459401-OOWHB
	■ black (DALI 2) (RAL9005)	Ø 40 / L 230 / H 130	2700	395	0,17	648MS-459271-DDBLB
	□ white (DALI 2) (RAL9016)	Ø 40 / L 230 / H 130	2700	395	0,17	648MS-459271-DDWHB
	■ black (DALI 2) (RAL9005)	Ø 40 / L 230 / H 130	3000	586	0,17	648MS-459301-DDBLB
	□ white (DALI 2) (RAL9016)	Ø 40 / L 230 / H 130	3000	586	0,17	648MS-459301-DDWHB
	■ black (DALI 2) (RAL9005)	Ø 40 / L 230 / H 130	4000	655	0,17	648MS-459401-DDBLB
	□ white (DALI 2) (RAL9016)	Ø 40 / L 230 / H 130	4000	655	0,17	648MS-459401-DDWHB

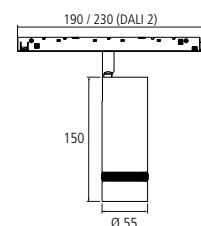
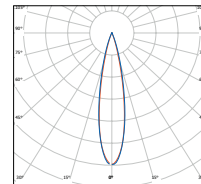


DESCRIPTION

The powerful and glare-free Double cylindrical Spotlight with Ø40mm diameter for the modular LINE48V Low Voltage promises a variety of different configurations options. The colour temperature is available in 2700K, 3000K and 4000K and can be adapted to your requirements with a colour rendering index >90. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Double Spotlight can be selected with on/off as well as with DALI drivers.

LED	CRI	SDCM	UGR	Beam angle	Max. beam angle	Colour temp.	Voltage
2 x 8 W	>90	≤3	<19	45°	max. 90°	355°	48 V

DIMMABLE	COLOUR	DIMENSIONS (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
	■ black (RAL9005)	Ø 40 / L 190 / H 130	2700	2x395	0,43	648MD-459271-0OBLB
	□ white (RAL9016)	Ø 40 / L 190 / H 130	2700	2x395	0,43	648MD-459271-0OWHB
	■ black (RAL9005)	Ø 40 / L 190 / H 130	3000	2x 603	0,43	648MD-459301-0OBLB
	□ white (RAL9016)	Ø 40 / L 190 / H 130	3000	2x 603	0,43	648MD-459301-0OWHB
	■ black (RAL9005)	Ø 40 / L 190 / H 130	4000	2x 635	0,43	648MD-459401-0OBLB
	□ white (RAL9016)	Ø 40 / L 190 / H 130	4000	2x 635	0,43	648MD-459401-0OWHB
	■ black (RAL9005)	Ø 40 / L 230 / H 130	2700	2x395	0,43	648MD-459271-DDBLB
	□ white (RAL9016)	Ø 40 / L 230 / H 130	2700	2x395	0,43	648MD-459271-DDWHB
	■ black (RAL9005)	Ø 40 / L 230 / H 130	3000	2x 603	0,43	648MD-459301-DDBLB
	□ white (RAL9016)	Ø 40 / L 230 / H 130	3000	2x 603	0,43	648MD-459301-DDWHB
	■ black (RAL9005)	Ø 40 / L 230 / H 130	4000	2x 635	0,43	648MD-459401-DDBLB
	□ white (RAL9016)	Ø 40 / L 230 / H 130	4000	2x 635	0,43	648MD-459401-DDWHB

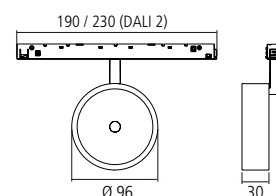
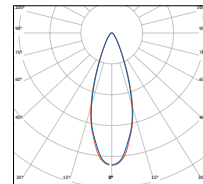


DESCRIPTION

The powerful and glare-free Single cylindrical Spotlight with Ø55mm diameter for the modular LINE48V Low Voltage promises a variety of different configurations options. The colour temperature is available in 2700K, 3000K and 4000K and can be adapted to your requirements with a colour rendering index >90. LINE 48V Spot Inset MZ is complemented by a variant with an optical zoom, which makes it possible to make a manual adjustment of the beam characteristic at any time. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Single Spotlight can be selected with on/off as well as with DALI drivers.

LED	CRI	SDCM					
10 W	>90	≤3	>50.000 h	20-40°	max 90°	355°	48 V

DIMMABLE	COLOUR	DIMENSIONS (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
	■ black (RAL9005)	Ø 55 / L 190 / H 200	2700	871	0,4	648MZ-Z09271-OOBLB
	□ white (RAL9016)	Ø 55 / L 190 / H 200	2700	871	0,4	648MZ-Z09271-OOWHB
	■ black (RAL9005)	Ø 55 / L 190 / H 200	3000	926	0,4	648MZ-Z09301-OOBLB
	□ white (RAL9016)	Ø 55 / L 190 / H 200	3000	926	0,4	648MZ-Z09301-OOWHB
	■ black (RAL9005)	Ø 55 / L 190 / H 200	4000	966	0,4	648MZ-Z09401-OOBLB
	□ white (RAL9016)	Ø 55 / L 190 / H 200	4000	966	0,4	648MZ-Z09401-OOWHB
	■ black (RAL9005)	Ø 55 / L 230 / H 200	2700	871	0,4	648MZ-Z09271-DDBLB
	□ white (RAL9016)	Ø 55 / L 230 / H 200	2700	871	0,4	648MZ-Z09271-DDWHB
	■ black (RAL9005)	Ø 55 / L 230 / H 200	3000	926	0,4	648MZ-Z09301-DDBLB
	□ white (RAL9016)	Ø 55 / L 230 / H 200	3000	926	0,4	648MZ-Z09301-DDWHB
	■ black (RAL9005)	Ø 55 / L 230 / H 200	4000	966	0,4	648MZ-Z09401-DDBLB
	□ white (RAL9016)	Ø 55 / L 230 / H 200	4000	966	0,4	648MZ-Z09401-DDWHB



DESCRIPTION

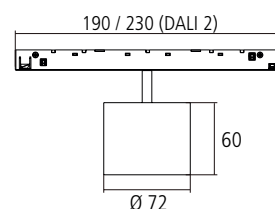
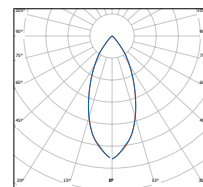
The powerful Single Spotlight with Ø92mm diameter for the modular 48V Low Voltage promises a variety of different configurations options. The colour temperature is available in 2700K, 3000K and 4000K and can be adapted to your requirements with a colour rendering index >90. LINE48V Spotlight Inset SF is available in a powder-coated black and white, as well as in an elegant golden brushed finish. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Single Spotlight can be selected with on/off as well as with DALI drivers.

LED	CRI	SDCM	UGR	Beam Angle	Beam Spread	Beam Depth	Beam Width
9 W	>90	≤3	<22	35°	max 90°	355°	48 V

DIMMABLE	COLOUR	DIMENSIONS (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
	black (RAL9005)	Ø 96 / L 190 / H 141	2700	724	0,45	648SF-359271-OOBLB
	white (RAL9016)	Ø 96 / L 190 / H 141	2700	724	0,45	648SF-359271-OOWHB
	gold	Ø 96 / L 190 / H 141	2700	724	0,45	648SF-359271-OOBLG
	black (RAL9005)	Ø 96 / L 190 / H 141	3000	770	0,45	648SF-359301-OOBLB
	white (RAL9016)	Ø 96 / L 190 / H 141	3000	770	0,45	648SF-359301-OOWHW
	gold	Ø 96 / L 190 / H 141	3000	770	0,45	648SF-359301-OOBLG
	black (RAL9005)	Ø 96 / L 190 / H 141	4000	858	0,45	648SF-359401-OOBLB
	white (RAL9016)	Ø 96 / L 190 / H 141	4000	858	0,45	648SF-359401-OOWHW
	gold	Ø 96 / L 190 / H 141	4000	858	0,45	648SF-359401-OOBLG
	black (RAL9005)	Ø 96 / L 230 / H 141	2700	724	0,45	648SF-359271-DDBLB
	white (RAL9016)	Ø 96 / L 230 / H 141	2700	724	0,45	648SF-359271-DDWHB
	gold	Ø 96 / L 230 / H 141	2700	724	0,45	648SF-359271-DDBLG
	black (RAL9005)	Ø 96 / L 230 / H 141	3000	770	0,45	648SF-359301-DDBLB
	white (RAL9016)	Ø 96 / L 230 / H 141	3000	770	0,45	648SF-359301-DDWHW
	gold	Ø 96 / L 230 / H 141	3000	770	0,45	648SF-359301-DDBLG
	black (RAL9005)	Ø 96 / L 230 / H 141	4000	858	0,45	648SF-359401-DDBLB
	white (RAL9016)	Ø 96 / L 230 / H 141	4000	858	0,45	648SF-359401-DDWHW
	gold	Ø 96 / L 230 / H 141	4000	858	0,45	648SF-359401-DDBLG

LINE48V | DOWNLIGHT SINGLE SPOT

WITH REFLECTOR



REFLECTOR TYPES

SPOT COLOUR: BLACK



specular
648DR-S



black
648DR-B



chrome black
648DR-C



white
648DR-W



gold
648DR-G

REFLECTOR TYPES

SPOT COLOUR: WHITE



specular
648DR-S



black
648DR-B



chrome black
648DR-C



white
648DR-W



gold
648DR-G



DESCRIPTION

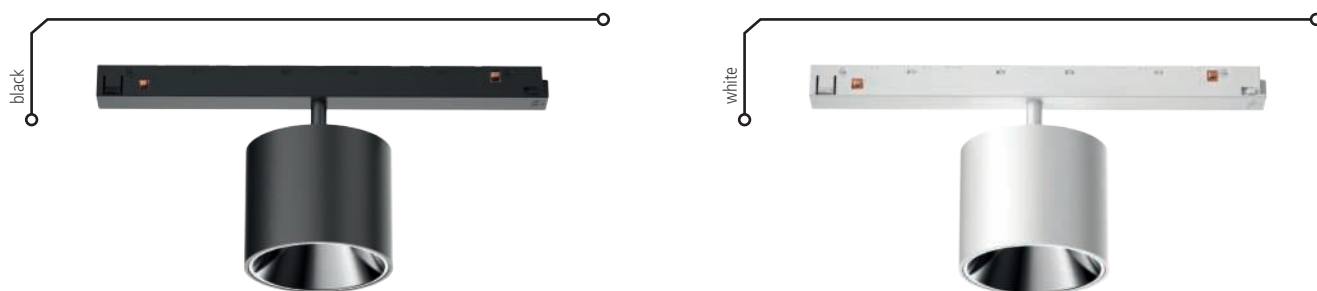
The powerful and glare-free Single cylindrical Spotlight with Ø72mm diameter for the modular LINE48V Low Voltage promises a variety of different configurations options. The colour temperature is available in 2700K, 3000K and 4000K and can be adapted to your requirements with a colour rendering index >90. Due to the fact that the LED is installed deep in the housing, the LINE48V Spot Inset DS offers a high visual comfort and a glare-free illumination with a UGR value <19. Furthermore, five different coloured reflectors can be freely selected per model to create the perfect design element for an atmospheric ambience. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Single Spotlight can be selected with on/off as well as with DALI drivers.

LED	CRI	SDCM				
10 W	>90	≤3	>50.000 h	50°	48 V	

DIMMABLE	SPOT TYPE	COLOUR	DIMENSIONS (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
NOT DIMMABLE							
	black (RAL9005)	■ specular	Ø 72 / L 190 / H 105	2700	735	0,45	648DS-509271-OOBLS
		■ black	Ø 72 / L 190 / H 105	2700	697	0,45	648DS-509271-OOBLB
		■ chrome black	Ø 72 / L 190 / H 105	2700	707	0,45	648DS-509271-OOBLC
		□ white	Ø 72 / L 190 / H 105	2700	728	0,45	648DS-509271-OOBLW
		■ gold	Ø 72 / L 190 / H 105	2700	730	0,45	648DS-509271-OOBLG
	white (RAL9016)	■ specular	Ø 72 / L 190 / H 105	2700	735	0,45	648DS-509271-OOWHS
		■ black	Ø 72 / L 190 / H 105	2700	697	0,45	648DS-509271-OOWHB
		■ chrome black	Ø 72 / L 190 / H 105	2700	707	0,45	648DS-509271-OOWHC
		□ white	Ø 72 / L 190 / H 105	2700	728	0,45	648DS-509271-OOWHW
		■ gold	Ø 72 / L 190 / H 105	2700	730	0,45	648DS-509271-OOWHG
	black (RAL9005)	■ specular	Ø 72 / L 190 / H 105	3000	782	0,45	648DS-509301-OOBLS
		■ black	Ø 72 / L 190 / H 105	3000	741	0,45	648DS-509301-OOBLB
		■ chrome black	Ø 72 / L 190 / H 105	3000	752	0,45	648DS-509301-OOBLC
		□ white	Ø 72 / L 190 / H 105	3000	774	0,45	648DS-509301-OOBLW
		■ gold	Ø 72 / L 190 / H 105	3000	777	0,45	648DS-509301-OOBLG
	white (RAL9016)	■ specular	Ø 72 / L 190 / H 105	3000	782	0,45	648DS-509301-OOWHS
		■ black	Ø 72 / L 190 / H 105	3000	741	0,45	648DS-509301-OOWHB
		■ chrome black	Ø 72 / L 190 / H 105	3000	752	0,45	648DS-509301-OOWHC
		□ white	Ø 72 / L 190 / H 105	3000	774	0,45	648DS-509301-OOWHW
		■ gold	Ø 72 / L 190 / H 105	3000	777	0,45	648DS-509301-OOWHG
	black (RAL9005)	■ specular	Ø 72 / L 190 / H 105	4000	845	0,45	648DS-509401-OOBLS
		■ black	Ø 72 / L 190 / H 105	4000	801	0,45	648DS-509401-OOBLB
		■ chrome black	Ø 72 / L 190 / H 105	4000	813	0,45	648DS-509401-OOBLC
		□ white	Ø 72 / L 190 / H 105	4000	837	0,45	648DS-509401-OOBLW
		■ gold	Ø 72 / L 190 / H 105	4000	840	0,45	648DS-509401-OOBLG
	white (RAL9016)	■ specular	Ø 72 / L 190 / H 105	4000	845	0,45	648DS-509401-OOWHS
		■ black	Ø 72 / L 190 / H 105	4000	801	0,45	648DS-509401-OOWHB
		■ chrome black	Ø 72 / L 190 / H 105	4000	813	0,45	648DS-509401-OOWHC
		□ white	Ø 72 / L 190 / H 105	4000	837	0,45	648DS-509401-OOWHW
		■ gold	Ø 72 / L 190 / H 105	4000	840	0,45	648DS-509401-OOWHG

LINE48V | DOWNLIGHT SINGLE SPOT

WITH REFLECTOR



DESCRIPTION

The powerful and glare-free Single cylindrical Spotlight with Ø72mm diameter for the modular LINE48V Low Voltage promises a variety of different configurations options. The colour temperature is available in 2700K, 3000K and 4000K and can be adapted to your requirements with a colour rendering index >90. Due to the fact that the LED is installed deep in the housing, the LINE48V Spot Inset DS offers a high visual comfort and a glare-free illumination with a UGR value <19. Furthermore, five different coloured reflectors can be freely selected per model to create the perfect design element for an atmospheric ambience. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Single Spotlight can be selected with on/off as well as with DALI drivers.

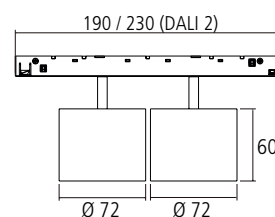
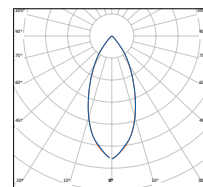
LED	CRI	SDCM					
10 W	>90	≤3	>50.000 h	50°	48 V	DALI 2	

DIMMABLE	SPOT TYPE	COLOUR	DIMENSIONS (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
DIMMABLE DALI 2							
	black (RAL9005)	specular	Ø 72 / L 230 / H 105	2700	735	0,46	648DS-509271-DDBLS
		black	Ø 72 / L 230 / H 105	2700	697	0,46	648DS-509271-DDBLB
		chrome black	Ø 72 / L 230 / H 105	2700	707	0,46	648DS-509271-DDBLC
		white	Ø 72 / L 230 / H 105	2700	728	0,46	648DS-509271-DDBLW
		gold	Ø 72 / L 230 / H 105	2700	730	0,46	648DS-509271-DDBLG
	white (RAL9016)	specular	Ø 72 / L 230 / H 105	2700	735	0,46	648DS-509271-DDWHS
		black	Ø 72 / L 230 / H 105	2700	697	0,46	648DS-509271-DDWHB
		chrome black	Ø 72 / L 230 / H 105	2700	707	0,46	648DS-509271-DDWHC
		white	Ø 72 / L 230 / H 105	2700	728	0,46	648DS-509271-DDWHW
		gold	Ø 72 / L 230 / H 105	2700	730	0,46	648DS-509271-DDWHG
	black (RAL9005)	specular	Ø 72 / L 230 / H 105	3000	782	0,46	648DS-509301-DDBLS
		black	Ø 72 / L 230 / H 105	3000	741	0,46	648DS-509301-DDBLB
		chrome black	Ø 72 / L 230 / H 105	3000	752	0,46	648DS-509301-DDBLC
		white	Ø 72 / L 230 / H 105	3000	774	0,46	648DS-509301-DDBLW
		gold	Ø 72 / L 230 / H 105	3000	777	0,46	648DS-509301-DDBLG
	white (RAL9016)	specular	Ø 72 / L 230 / H 105	3000	782	0,46	648DS-509301-DDWHS
		black	Ø 72 / L 230 / H 105	3000	741	0,46	648DS-509301-DDWHB
		chrome black	Ø 72 / L 230 / H 105	3000	752	0,46	648DS-509301-DDWHC
		white	Ø 72 / L 230 / H 105	3000	774	0,46	648DS-509301-DDWHW
		gold	Ø 72 / L 230 / H 105	3000	777	0,46	648DS-509301-DDWHG
	black (RAL9005)	specular	Ø 72 / L 230 / H 105	4000	845	0,46	648DS-509401-DDBLS
		black	Ø 72 / L 230 / H 105	4000	801	0,46	648DS-509401-DDBLB
		chrome black	Ø 72 / L 230 / H 105	4000	813	0,46	648DS-509401-DDBLC
		white	Ø 72 / L 230 / H 105	4000	837	0,46	648DS-509401-DDBLW
		gold	Ø 72 / L 230 / H 105	4000	840	0,46	648DS-509401-DDBLG
	white (RAL9016)	specular	Ø 72 / L 230 / H 105	4000	845	0,46	648DS-509401-DDWHS
		black	Ø 72 / L 230 / H 105	4000	801	0,46	648DS-509401-DDWHB
		chrome black	Ø 72 / L 230 / H 105	4000	813	0,46	648DS-509401-DDWHC
		white	Ø 72 / L 230 / H 105	4000	837	0,46	648DS-509401-DDWHW
		gold	Ø 72 / L 230 / H 105	4000	840	0,46	648DS-509401-DDWHG



LINE48V | DOWNLIGHT DOUBLE SPOT

WITH REFLECTOR



REFLECTOR TYPES

SPOT COLOUR: BLACK



specular
648DR-S



black
648DR-B



chrome black
648DR-C



white
648DR-W



gold
648DR-G

REFLECTOR TYPES

SPOT COLOUR: WHITE



specular
648DR-S



black
648DR-B



chrome black
648DR-C



white
648DR-W



gold
648DR-G



DESCRIPTION

The powerful and glare-free Double cylindrical Spotlight with Ø72mm diameter for the modular LINE48V Low Voltage promises a variety of different configurations options. The colour temperature is available in 2700K, 3000K and 4000K and can be adapted to your requirements with a colour rendering index >90. Due to the fact that the LED is installed deep in the housing, the LINE48V Spot Inset DD offers a high visual comfort and a glare-free illumination with a UGR value <19. Furthermore, five different coloured reflectors can be freely selected per model to create the perfect design element for an atmospheric ambience. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Double Spotlight can be selected with on/off as well as with DALI drivers.

LED	CRI	SDCM					
2 x 10 W	>90	≤3	>50.000 h	<19	50°	48 V	

DIMMABLE	SPOT TYPE	COLOUR	DIMENSIONS (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
NOT DIMMABLE							
	black (RAL9005)	specular	Ø 72 / L 190 / H 105	2700	2 x 736	0,68	648DD-509271-0OBLS
		black	Ø 72 / L 190 / H 105	2700	2 x 697	0,68	648DD-509271-0OBLB
		chrome black	Ø 72 / L 190 / H 105	2700	2 x 707	0,68	648DD-509271-0OBLC
		white	Ø 72 / L 190 / H 105	2700	2 x 728	0,68	648DD-509271-0OBLW
		gold	Ø 72 / L 190 / H 105	2700	2 x 730	0,68	648DD-509271-0OBLG
	white (RAL9016)	specular	Ø 72 / L 190 / H 105	2700	2 x 736	0,68	648DD-509271-0OWHS
		black	Ø 72 / L 190 / H 105	2700	2 x 697	0,68	648DD-509271-0OWHB
		chrome black	Ø 72 / L 190 / H 105	2700	2 x 707	0,68	648DD-509271-0OWHC
		white	Ø 72 / L 190 / H 105	2700	2 x 728	0,68	648DD-509271-0OWHW
		gold	Ø 72 / L 190 / H 105	2700	2 x 730	0,68	648DD-509271-0OWHG
	black (RAL9005)	specular	Ø 72 / L 190 / H 105	3000	2 x 782	0,68	648DD-509301-0OBLS
		black	Ø 72 / L 190 / H 105	3000	2 x 741	0,68	648DD-509301-0OBLB
		chrome black	Ø 72 / L 190 / H 105	3000	2 x 752	0,68	648DD-509301-0OBLC
		white	Ø 72 / L 190 / H 105	3000	2 x 774	0,68	648DD-509301-0OBLW
		gold	Ø 72 / L 190 / H 105	3000	2 x 777	0,68	648DD-509301-0OBLG
	white (RAL9016)	specular	Ø 72 / L 190 / H 105	3000	2 x 782	0,68	648DD-509301-0OWHS
		black	Ø 72 / L 190 / H 105	3000	2 x 741	0,68	648DD-509301-0OWHB
		chrome black	Ø 72 / L 190 / H 105	3000	2 x 752	0,68	648DD-509301-0OWHC
		white	Ø 72 / L 190 / H 105	3000	2 x 774	0,68	648DD-509301-0OWHW
		gold	Ø 72 / L 190 / H 105	3000	2 x 777	0,68	648DD-509301-0OWHG
	black (RAL9005)	specular	Ø 72 / L 190 / H 105	4000	2 x 845	0,68	648DD-509401-0OBLS
		black	Ø 72 / L 190 / H 105	4000	2 x 801	0,68	648DD-509401-0OBLB
		chrome black	Ø 72 / L 190 / H 105	4000	2 x 813	0,68	648DD-509401-0OBLC
		white	Ø 72 / L 190 / H 105	4000	2 x 837	0,68	648DD-509401-0OBLW
		gold	Ø 72 / L 190 / H 105	4000	2 x 840	0,68	648DD-509401-0OBLG
	white (RAL9016)	specular	Ø 72 / L 190 / H 105	4000	2 x 845	0,68	648DD-509401-0OWHS
		black	Ø 72 / L 190 / H 105	4000	2 x 801	0,68	648DD-509401-0OWHB
		chrome black	Ø 72 / L 190 / H 105	4000	2 x 813	0,68	648DD-509401-0OWHC
		white	Ø 72 / L 190 / H 105	4000	2 x 837	0,68	648DD-509401-0OWHW
		gold	Ø 72 / L 190 / H 105	4000	2 x 840	0,68	648DD-509401-0OWHG

LINE48V | DOWNLIGHT DOUBLE SPOT

WITH REFLECTOR



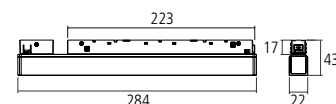
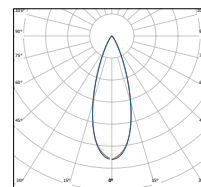
DESCRIPTION

The powerful and glare-free Double cylindrical Spotlight with Ø72mm diameter for the modular LINE48V Low Voltage promises a variety of different configurations options. The colour temperature is available in 2700K, 3000K and 4000K and can be adapted to your requirements with a colour rendering index >90. Due to the fact that the LED is installed deep in the housing, the LINE48V Spot Inset DD offers a high visual comfort and a glare-free illumination with a UGR value <19. Furthermore, five different coloured reflectors can be freely selected per model to create the perfect design element for an atmospheric ambience. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Double Spotlight can be selected with on/off as well as with DALI drivers.

LED	CRI	SDCM						
2 x 10 W	>90	≤3	>50.000 h	<19	50°	48 V	DALI 2	

DIMMABLE	SPOT TYPE	COLOUR	DIMENSIONS (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
DIMMABLE DALI 2							
	black (RAL9005)	specular	Ø 72 / L 230 / H 105	2700	2x736	0,68	648DD-509271-DDBLS
		black	Ø 72 / L 230 / H 105	2700	2x697	0,68	648DD-509271-DDBLB
		chrome black	Ø 72 / L 230 / H 105	2700	2x707	0,68	648DD-509271-DDBLC
		white	Ø 72 / L 230 / H 105	2700	2x728	0,68	648DD-509271-DDBLW
		gold	Ø 72 / L 230 / H 105	2700	2x730	0,68	648DD-509271-DDBLG
	white (RAL9016)	specular	Ø 72 / L 230 / H 105	2700	2x736	0,68	648DD-509271-DDWHS
		black	Ø 72 / L 230 / H 105	2700	2x697	0,68	648DD-509271-DDWHB
		chrome black	Ø 72 / L 230 / H 105	2700	2x707	0,68	648DD-509271-DDWHC
		white	Ø 72 / L 230 / H 105	2700	2x728	0,68	648DD-509271-DDWHW
		gold	Ø 72 / L 230 / H 105	2700	2x730	0,68	648DD-509271-DDWHG
	black (RAL9005)	specular	Ø 72 / L 230 / H 105	3000	2 x 782	0,68	648DD-509301-DDBLS
		black	Ø 72 / L 230 / H 105	3000	2 x 741	0,68	648DD-509301-DDBLB
		chrome black	Ø 72 / L 230 / H 105	3000	2 x 752	0,68	648DD-509301-DDBLC
		white	Ø 72 / L 230 / H 105	3000	2 x 774	0,68	648DD-509301-DDBLW
		gold	Ø 72 / L 230 / H 105	3000	2 x 777	0,68	648DD-509301-DDBLG
	white (RAL9016)	specular	Ø 72 / L 230 / H 105	3000	2 x 782	0,68	648DD-509301-DDWHS
		black	Ø 72 / L 230 / H 105	3000	2 x 741	0,68	648DD-509301-DDWHB
		chrome black	Ø 72 / L 230 / H 105	3000	2 x 752	0,68	648DD-509301-DDWHC
		white	Ø 72 / L 230 / H 105	3000	2 x 774	0,68	648DD-509301-DDWHW
		gold	Ø 72 / L 230 / H 105	3000	2 x 777	0,68	648DD-509301-DDWHG
	black (RAL9005)	specular	Ø 72 / L 230 / H 105	4000	2 x 845	0,68	648DD-509401-DDBLS
		black	Ø 72 / L 230 / H 105	4000	2 x 801	0,68	648DD-509401-DDBLB
		chrome black	Ø 72 / L 230 / H 105	4000	2 x 813	0,68	648DD-509401-DDBLC
		white	Ø 72 / L 230 / H 105	4000	2 x 837	0,68	648DD-509401-DDBLW
		gold	Ø 72 / L 230 / H 105	4000	2 x 840	0,68	648DD-509401-DDBLG
	white (RAL9016)	specular	Ø 72 / L 230 / H 105	4000	2 x 845	0,68	648DD-509401-DDWHS
		black	Ø 72 / L 230 / H 105	4000	2 x 801	0,68	648DD-509401-DDWHB
		chrome black	Ø 72 / L 230 / H 105	4000	2 x 813	0,68	648DD-509401-DDWHC
		white	Ø 72 / L 230 / H 105	4000	2 x 837	0,68	648DD-509401-DDWHW
		gold	Ø 72 / L 230 / H 105	4000	2 x 840	0,68	648DD-509401-DDWHG



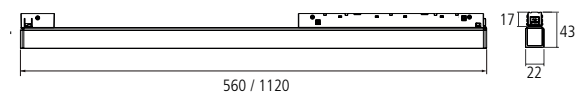
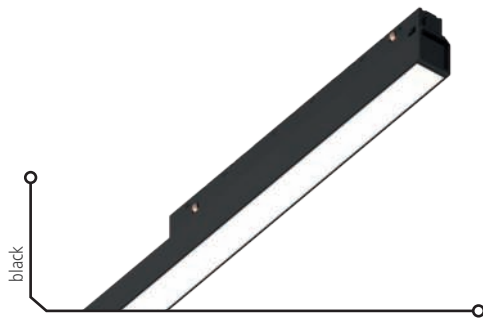
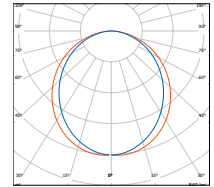


DESCRIPTION

The powerful Accent Light for the modular LINE48V Low Voltage promises a variety of different configurations options. The colour temperature is available in 2700K, 3000K and 4000K and can be adapted to your requirements with a colour rendering index >90. Due to the fact that the LED is installed deep in the housing, the LINE48V Accent Light LM offers a high visual comfort and a glare-free illumination with a UGR value <19. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Single Spotlight can be selected with on/off as well as with DALI drivers.

13 W	>90	≤3	>50.000 h	<16	35°	48 V

DIMMABLE	COLOUR	DIMENSIONS (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
	■ black (RAL9005)	L 284 / W 22 / H 43	2700	1131	0,2	648LM-029271-OOBLB
	□ white (RAL9016)	L 284 / W 22 / H 43	2700	1131	0,2	648LM-029271-OOWHW
	■ black (RAL9005)	L 284 / W 22 / H 43	3000	1202	0,2	648LM-029301-OOBLB
	□ white (RAL9016)	L 284 / W 22 / H 43	3000	1202	0,2	648LM-029301-OOWHW
	■ black (RAL9005)	L 284 / W 22 / H 43	4000	1360	0,2	648LM-029401-OOBLB
	□ white (RAL9016)	L 284 / W 22 / H 43	4000	1360	0,2	648LM-029401-OOWHW
	■ black (RAL9005)	L 284 / W 22 / H 43	2700	1131	0,2	648LM-029271-DDBLB
	□ white (RAL9016)	L 284 / W 22 / H 43	2700	1131	0,2	648LM-029271-DDWHW
	■ black (RAL9005)	L 284 / W 22 / H 43	3000	1202	0,2	648LM-029301-DDBLB
	□ white (RAL9016)	L 284 / W 22 / H 43	3000	1202	0,2	648LM-029301-DDWHW
	■ black (RAL9005)	L 284 / W 22 / H 43	4000	1360	0,2	648LM-029401-DDBLB
	□ white (RAL9016)	L 284 / W 22 / H 43	4000	1360	0,2	648LM-029401-DDWHW

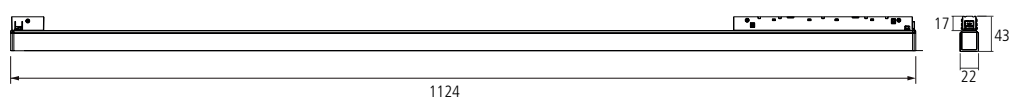
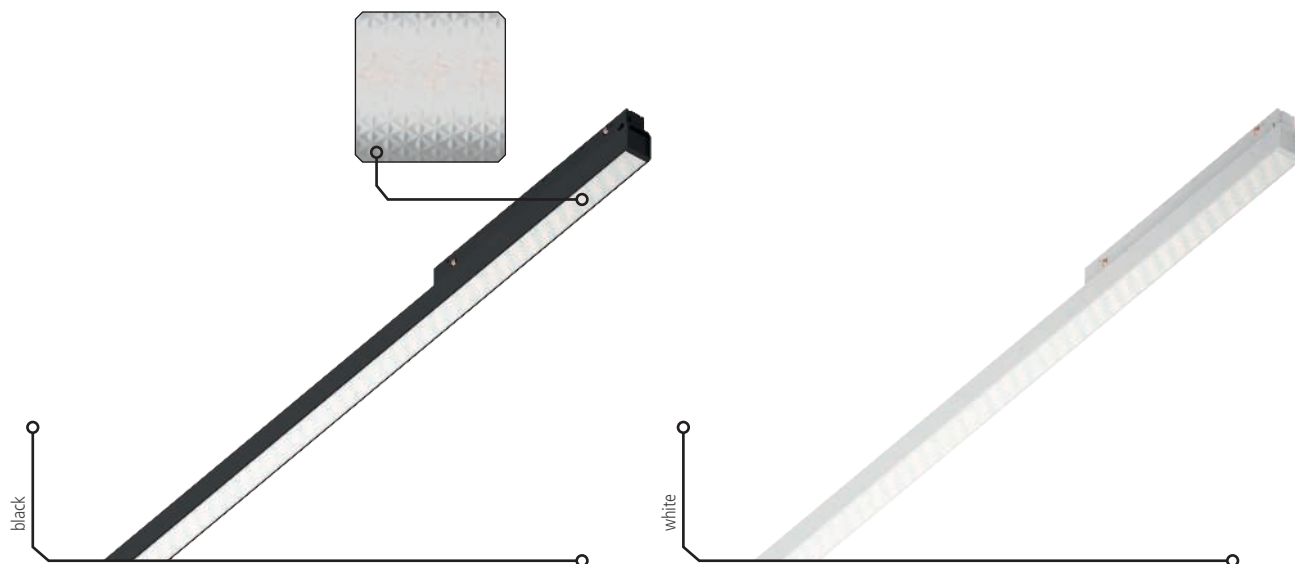
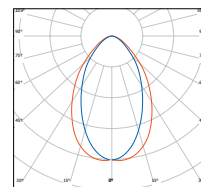


DESCRIPTION

The LINE48V General Light OM is available in two different lengths for the LINE48V Low Voltage system to ensure a seamless transition of general lighting. From a length of the General Light of 560mm with 13W to a length of 1120mm with 26W, homogenous lighting solutions can be created for a wide range of planning situations. The colour temperature is available in 2700K, 3000K and 4000K and can be adapted to your requirements with a colour rendering index >90. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Single Spotlight can be selected with on/off as well as with DALI drivers.



DIMMABLE	COLOUR	DIMENSIONS (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	POWER (W)	WEIGHT (kg)	MATERIAL NUMBER
	■ black (RAL9005)	L 560 / W 22 / H 43	2700	798	13	0,56	6480M-059271-0OBLO
	□ white (RAL9016)	L 560 / W 22 / H 43	2700	798	13	0,56	6480M-059271-0OWHO
	■ black (RAL9005)	L 560 / W 22 / H 43	3000	849	13	0,56	6480M-059301-0OBLO
	□ white (RAL9016)	L 560 / W 22 / H 43	3000	849	13	0,56	6480M-059301-0OWHO
	■ black (RAL9005)	L 560 / W 22 / H 43	4000	890	13	0,56	6480M-059401-0OBLO
	□ white (RAL9016)	L 560 / W 22 / H 43	4000	890	13	0,56	6480M-059401-0OWHO
	■ black (RAL9005)	L 1120 / W 22 / H 43	2700	1513	26	0,96	6480M-119271-0OBLO
	□ white (RAL9016)	L 1120 / W 22 / H 43	2700	1513	26	0,96	6480M-119271-0OWHO
	■ black (RAL9005)	L 1120 / W 22 / H 43	3000	1609	26	0,96	6480M-119301-0OBLO
	□ white (RAL9016)	L 1120 / W 22 / H 43	3000	1609	26	0,96	6480M-119301-0OWHO
	■ black (RAL9005)	L 1120 / W 22 / H 43	4000	1704	26	0,96	6480M-119401-0OBLO
	□ white (RAL9016)	L 1120 / W 22 / H 43	4000	1704	26	0,96	6480M-119401-0OWHO
	■ black (RAL9005)	L 560 / W 22 / H 43	2700	798	13	0,56	6480M-059271-DDBLO
	□ white (RAL9016)	L 560 / W 22 / H 43	2700	798	13	0,56	6480M-059271-DDWHO
	■ black (RAL9005)	L 560 / W 22 / H 43	3000	849	13	0,56	6480M-059301-DDBLO
	□ white (RAL9016)	L 560 / W 22 / H 43	3000	849	13	0,56	6480M-059301-DDWHO
	■ black (RAL9005)	L 560 / W 22 / H 43	4000	890	13	0,56	6480M-059401-DDBLO
	□ white (RAL9016)	L 560 / W 22 / H 43	4000	890	13	0,56	6480M-059401-DDWHO
	■ black (RAL9005)	L 1120 / W 22 / H 43	2700	1513	26	0,96	6480M-119271-DDBLO
	□ white (RAL9016)	L 1120 / W 22 / H 43	2700	1513	26	0,96	6480M-119271-DDWHO
	■ black (RAL9005)	L 1120 / W 22 / H 43	3000	1609	26	0,96	6480M-119301-DDBLO
	□ white (RAL9016)	L 1120 / W 22 / H 43	3000	1609	26	0,96	6480M-119301-DDWHO
	■ black (RAL9005)	L 1120 / W 22 / H 43	4000	1704	26	0,96	6480M-119401-DDBLO
	□ white (RAL9016)	L 1120 / W 22 / H 43	4000	1704	26	0,96	6480M-119401-DDWHO

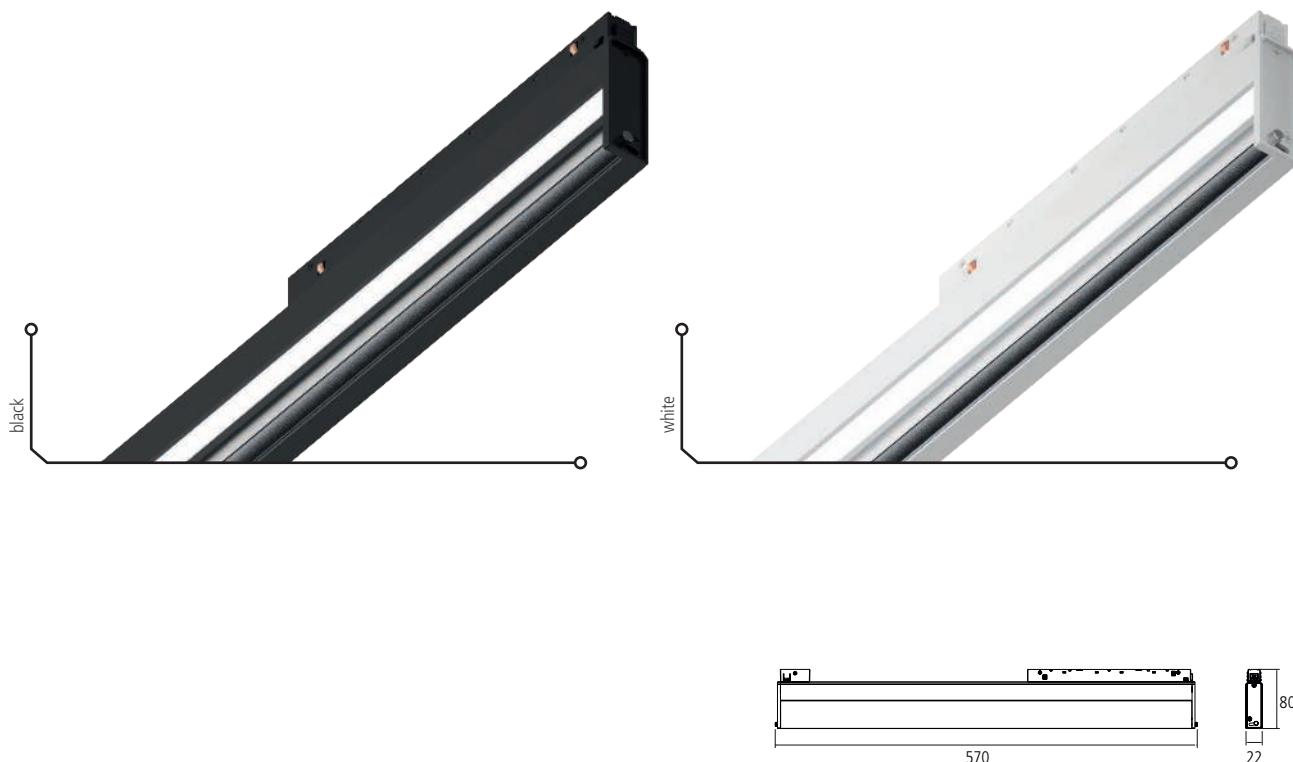
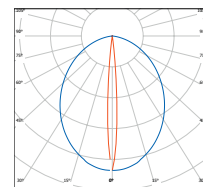


DESCRIPTION

The LINE48V General Light MM is available in the length of 1120mm for the LINE48V Low Voltage system to ensure a seamless transition of general lighting with micro prismatic diffusor. The colour temperature is available in 3000K and 4000K and can be adapted to your requirements with a colour rendering index >90. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Single Spotlight can be selected with on/off as well as with DALI drivers.

LED	CRI	SDCM				
26 W	>90	≤3	>50.000 h	65°	48 V	

DIMMABLE	COLOUR	DIMENSIONS (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
	■ black (RAL9005)	L 1120 / W 22 / H 43	3000	1670	0,96	648MM-119301-OOBLM
	□ white (RAL9016)	L 1120 / W 22 / H 43	3000	1670	0,96	648MM-119301-OOWHM
	■ black (RAL9005)	L 1120 / W 22 / H 43	4000	1743	0,96	648MM-119401-OOBLM
	□ white (RAL9016)	L 1120 / W 22 / H 43	4000	1743	0,96	648MM-119401-OOWHM
	■ black (RAL9005)	L 1120 / W 22 / H 43	3000	1670	0,96	648MM-119301-DDBLM
	□ white (RAL9016)	L 1120 / W 22 / H 43	3000	1670	0,96	648MM-119301-DDWHM
	■ black (RAL9005)	L 1120 / W 22 / H 43	4000	1743	0,96	648MM-119401-DDBLM
	□ white (RAL9016)	L 1120 / W 22 / H 43	4000	1743	0,96	648MM-119401-DDWHM

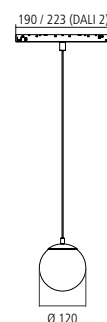
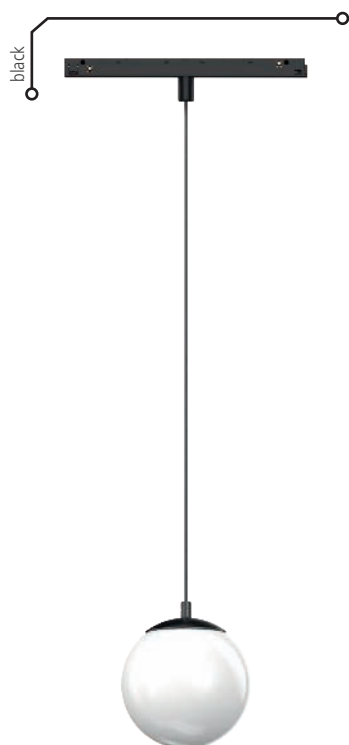
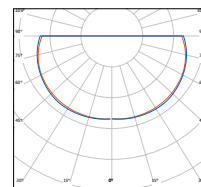


DESCRIPTION

The LINE48V Wall Washer provides a lot of flexibility within the length of 570mm. The modern design of the Wall Washer allows the output angle of the light to be adjusted by up to 13°. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Single Spotlight can be selected with on/off as well as with DALI drivers.

LED	CRI	SDCM				
13 W	>90	≤3	>50.000 h	asymmetric	48 V	

DIMMABLE	COLOUR	DIMENSIONS (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
	■ black (RAL9005)	L 570 / W 22 / H 80	2700	633	0,7	648AM-059271-OOBLA
	□ white (RAL9016)	L 570 / W 22 / H 80	2700	633	0,7	648AM-059271-OOWHA
	■ black (RAL9005)	L 570 / W 22 / H 80	3000	786	0,7	648AM-059301-OOBLA
	□ white (RAL9016)	L 570 / W 22 / H 80	3000	786	0,7	648AM-059301-OOWHA
	■ black (RAL9005)	L 570 / W 22 / H 80	4000	801	0,7	648AM-059401-OOBLA
	□ white (RAL9016)	L 570 / W 22 / H 80	4000	801	0,7	648AM-059401-OOWHA
	■ black (RAL9005)	L 570 / W 22 / H 80	2700	633	0,71	648AM-059271-DDBLA
	□ white (RAL9016)	L 570 / W 22 / H 80	2700	633	0,71	648AM-059271-DDWHA
	■ black (RAL9005)	L 570 / W 22 / H 80	3000	786	0,71	648AM-059301-DDBLA
	□ white (RAL9016)	L 570 / W 22 / H 80	3000	786	0,71	648AM-059301-DDWHA
	■ black (RAL9005)	L 570 / W 22 / H 80	4000	801	0,71	648AM-059401-DDBLA
	□ white (RAL9016)	L 570 / W 22 / H 80	4000	801	0,71	648AM-059401-DDWHA



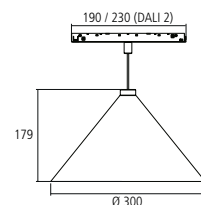
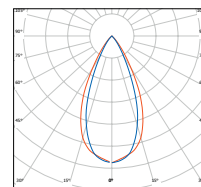
DESCRIPTION

The decorative glass ball inset for the LINE48V Low Voltage System offers a minimalist, elegant design. LINE48V Piedale PP is available with a pendant length of 2000mm, which can be easily shortened afterwards using the special mechanism in the adapter. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Single Spotlight can be selected with on/off as well as with DALI drivers.

LED	CRI	SDCM				
5 W	>90	≤3	>50.000 h	180°	48 V	

DIMMABLE	COLOUR	DIMENSIONS (mm)	PENDULUM LENGTH (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
	■ black (RAL9005)	Ø 120 / L 190	2000	2700	452	0,38	648PP-019271-OOBLO
	□ white (RAL9016)	Ø 120 / L 190	2000	2700	452	0,38	648PP-019271-OOWHO
	■ black (RAL9005)	Ø 120 / L 190	2000	3000	518	0,38	648PP-019301-OOBLO
	□ white (RAL9016)	Ø 120 / L 190	2000	3000	518	0,38	648PP-019301-OOWHO
	■ black (RAL9005)	Ø 120 / L 190	2000	4000	551	0,38	648PP-019401-OOBLO
	□ white (RAL9016)	Ø 120 / L 190	2000	4000	551	0,38	648PP-019401-OOWHO
	■ black (RAL9005)	Ø 120 / L 230	2000	2700	452	0,38	648PP-019271-DDBLO
	□ white (RAL9016)	Ø 120 / L 230	2000	2700	452	0,38	648PP-019271-DDWHO
	■ black (RAL9005)	Ø 120 / L 230	2000	3000	518	0,38	648PP-019301-DDBLO
	□ white (RAL9016)	Ø 120 / L 230	2000	3000	518	0,38	648PP-019301-DDWHO
	■ black (RAL9005)	Ø 120 / L 230	2000	4000	551	0,38	648PP-019401-DDBLO
	□ white (RAL9016)	Ø 120 / L 230	2000	4000	551	0,38	648PP-019401-DDWHO





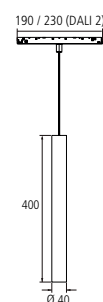
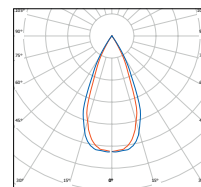
DESCRIPTION

The decorative pendant inset for the LINE48V Low Voltage System offers a high quality, elegant design. LINE48V Canalello is available with a pendant length of 2000mm, which can be easily shortened afterwards using the special mechanism in the adapter. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Single Spotlight can be selected with on/off as well as with DALI drivers.

LED	CRI	SDCM					
18 W	>90	≤3	>50.000 h	<19	180°	48 V	

DIMMABLE	COLOUR	DIMENSIONS (mm)	PENDULUM LENGTH (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
	■ black (RAL9005)	Ø 300 / L 190 / H 179	2000	2700	893	0,6	648PC-039271-OOBLB
	□ white (RAL9016)	Ø 300 / L 190 / H 179	2000	2700	893	0,6	648PC-039271-OOWHW
	■ black (RAL9005)	Ø 300 / L 190 / H 179	2000	3000	951	0,6	648PC-039301-OOBLB
	□ white (RAL9016)	Ø 300 / L 190 / H 179	2000	3000	951	0,6	648PC-039301-OOWHW
	■ black (RAL9005)	Ø 300 / L 190 / H 179	2000	4000	1163	0,6	648PC-039401-OOBLB
	□ white (RAL9016)	Ø 300 / L 190 / H 179	2000	4000	1163	0,6	648PC-039401-OOWHW
	■ black (RAL9005)	Ø 300 / L 230 / H 179	2000	2700	893	0,6	648PC-039271-DDBLB
	□ white (RAL9016)	Ø 300 / L 230 / H 179	2000	2700	893	0,6	648PC-039271-DDWHW
	■ black (RAL9005)	Ø 300 / L 230 / H 179	2000	3000	951	0,6	648PC-039301-DDBLB
	□ white (RAL9016)	Ø 300 / L 230 / H 179	2000	3000	951	0,6	648PC-039301-DDWHW
	■ black (RAL9005)	Ø 300 / L 230 / H 179	2000	4000	1163	0,6	648PC-039401-DDBLB
	□ white (RAL9016)	Ø 300 / L 230 / H 179	2000	4000	1163	0,6	648PC-039401-DDWHW



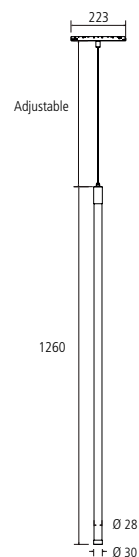
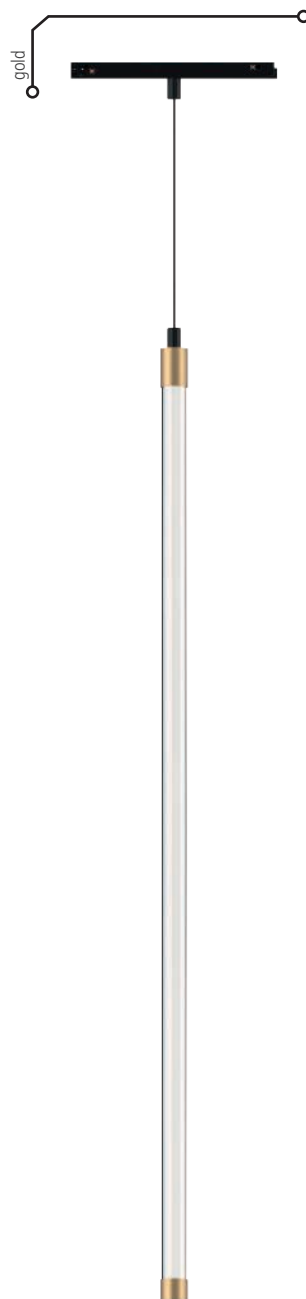


DESCRIPTION

The minimalist designed pendant Tortoreto for LINE48V ensure excellent accent lighting with the best light quality. With a diameter of Ø40mm, different shapes and sizes of changing objects can be put into the right light. The low-seat LED inside the pendant lamp provides a high level of visual comfort with a UGR value of <19. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools. To meet the requirements of professional lighting task, the Single Spotlight can be selected with on/off as well as with DALI drivers.

LED	CRI	SDCM					
12 W	>90	≤3	>50.000 h	<19	45°	48 V	

DIMMABLE	COLOUR	DIMENSIONS (mm)	PENDULUM LENGTH (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
	■ black (RAL9005)	Ø 40 / L 190 / H 400	2000	2700	539	0,65	648PT-309271-OOBLB
	□ white (RAL9016)	Ø 40 / L 190 / H 400	2000	2700	539	0,65	648PT-309271-OOWHW
	■ black (RAL9005)	Ø 40 / L 190 / H 400	2000	3000	573	0,65	648PT-309301-OOBLB
	□ white (RAL9016)	Ø 40 / L 190 / H 400	2000	3000	573	0,65	648PT-309301-OOWHW
	■ black (RAL9005)	Ø 40 / L 190 / H 400	2000	4000	642	0,65	648PT-309401-OOBLB
	□ white (RAL9016)	Ø 40 / L 190 / H 400	2000	4000	642	0,65	648PT-309401-OOWHW
	■ black (RAL9005)	Ø 40 / L 230 / H 400	2000	2700	539	0,65	648PT-309271-DDBLB
	□ white (RAL9016)	Ø 40 / L 230 / H 400	2000	2700	539	0,65	648PT-309271-DDWHW
	■ black (RAL9005)	Ø 40 / L 230 / H 400	2000	3000	573	0,65	648PT-309301-DDBLB
	□ white (RAL9016)	Ø 40 / L 230 / H 400	2000	3000	573	0,65	648PT-309301-DDWHW
	■ black (RAL9005)	Ø 40 / L 230 / H 400	2000	4000	642	0,65	648PT-309401-DDBLB
	□ white (RAL9016)	Ø 40 / L 230 / H 400	2000	4000	642	0,65	648PT-309401-DDWHW

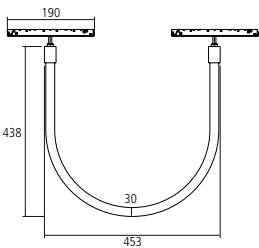


DESCRIPTION

The minimalist designed neon flex pendant luminaire for LINE48V ensure excellent accent lighting with a 360° light emission. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools.

LED	CRI	SDCM				
19 W	>90	≤3	>50.000 h	180°	48 V	

DIMMABLE	COLOUR	DIMENSIONS (mm)	PENDULUM LENGTH (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
	gold	Ø 30 / L 223 / H 1260	2000	2700	1980	1,25	648RS-059271-OOBLG
	gold	Ø 30 / L 223 / H 1260	2000	3000	2273	1,25	648RS-059301-OOBLG
	gold	Ø 30 / L 223 / H 1260	2000	4000	2418	1,25	648RS-059401-OOBLG



DESCRIPTION

The minimalist designed neon flex pendant luminaire for LINE48V ensure excellent accent lighting with a 360° light emission. The light inserts will be connected to the profile by a simple click-in mechanism, which offers a high degree of flexibility without using any tools.

LED

CRI

SDCM

19 W

>90

≤3

>50.000 h

180°

48 V

DIMMABLE	COLOUR	DIMENSIONS (mm)	COLOUR TEMP. (K)	LUMINOUS FLUX (lm)	WEIGHT (kg)	MATERIAL NUMBER
	gold	Ø 30 / L 190 / H 1200	2700	1980	1,25	648RU-309271-OOBLG
	gold	Ø 30 / L 190 / H 1200	3000	2273	1,25	648RU-309301-OOBLG
	gold	Ø 30 / L 190 / H 1200	4000	2418	1,25	648RU-309401-OOBLG



LINE48V | DRIVER IN-TRACK 48VDC 100W

DRIVER



DESCRIPTION



>50.000 h 220-240V 50/60Hz 48 V

DIMMABLE	COLOUR	DIMENSIONS (mm)	CABLE LENGTH (mm)	POWER (W)	OUTPUT VOLTAGE (Vdc)	WEIGHT (kg)	MATERIAL NUMBER
	■ black (RAL9005)	L 297,5 / W 16 / H 19	250	100	48	0,14	69351
	□ white (RAL9016)	L 297,5 / W 16 / H 19	250	100	48	0,14	69353
	■ black (RAL9005)	L 297,5 / W 16 / H 19	3000	100	48	0,14	69405
	□ white (RAL9016)	L 297,5 / W 16 / H 19	3000	100	48	0,14	69406
DALI*	■ black (RAL9005)	L 297,5 / W 16 / H 19	250	100	48	0,14	69352
	□ white (RAL9016)	L 297,5 / W 16 / H 19	250	100	48	0,14	69354
	■ black (RAL9005)	L 297,5 / W 16 / H 19	3000	100	48	0,14	69409
	□ white (RAL9016)	L 297,5 / W 16 / H 19	3000	100	48	0,14	69411

*2 EXTRA LEADS FOR DALI THROUGH WIRING

LINE48V | DRIVER IN-TRACK 48VDC 250W

DRIVER



DESCRIPTION



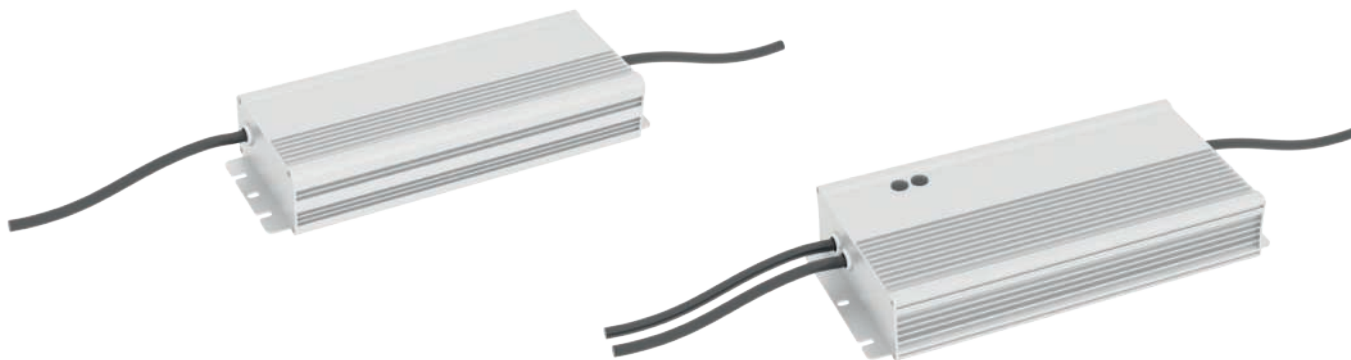
>50.000 h 220-240V 50/60Hz 48 V

DIMMABLE	COLOUR	DIMENSIONS (mm)	CABLE LENGTH (mm)	POWER (W)	OUTPUT VOLTAGE (Vdc)	WEIGHT (kg)	MATERIAL NUMBER
	■ black (RAL9005)	L 268 / W 22 / H 43,5	250	250	48	0,32	69355
	□ white (RAL9016)	L 268 / W 22 / H 43,5	250	250	48	0,32	69357
	■ black (RAL9005)	L 268 / W 22 / H 43,5	3000	250	48	0,32	69407
	□ white (RAL9016)	L 268 / W 22 / H 43,5	3000	250	48	0,32	69408
DALI*	■ black (RAL9005)	L 268 / W 22 / H 43,5	250	250	48	0,32	69356
	□ white (RAL9016)	L 268 / W 22 / H 43,5	250	250	48	0,32	69358
	■ black (RAL9005)	L 268 / W 22 / H 43,5	3000	250	48	0,32	69412
	□ white (RAL9016)	L 268 / W 22 / H 43,5	3000	250	48	0,32	69413

*2 EXTRA LEADS FOR DALI THROUGH WIRING

LINE48V | MEANWELL / HLG-320/480H-48A

DRIVER



DESCRIPTION



DIMMABLE	DRIVER NAME	COLOUR	DIMENSIONS (mm)	CABLE LENGTH (mm)	POWER (W)	OUTPUT VOLTAGE (Vdc)	WEIGHT (kg)	MATERIAL NUMBER
	HLG-320H-48A	 silver (aluminium)	L 252 / W 90 / H 44	300	320	48	1,88	69361
	HLG-480H-48A	 silver (aluminium)	L 262 / W 125 / H 19	300	480	48	2,80	69362

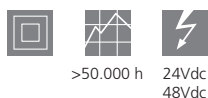
LINE48V | OPTO-INSULATED REPEATER DALI COMPATIBLE

SIGNAL CONTROLLER



DESCRIPTION

The device is a signal repeater and regenerator compatible with DALI protocol including an integrated power supply for the output line. It's used to extend or/and to electrically isolate the digital input line from the output line. Thanks to the integrated power supply, there is no need of a power supply for the output DALI compatible line.



DIMMABLE	COLOUR	DIMENSIONS (mm)	INPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT DALI (mA)	WEIGHT (kg)	MATERIAL NUMBER
	 white	L 172 / W 42 / H 25	24 / 48	24 / 48	250	0,09	69359



OVERVIEW

SOCKETS	
	LED
FUNCTIONS & COMFORT	
	Colour Rendering Index
	MacADAM Step
	lifetime
	dimmmable
	not dimmmable
	unified Glare Rating
	beam angle
	swiveling
	rotatable
	cutout (in mm)
	mounting Depth (in mm)
	installation width (in mm)
	voltage

PROTECTION RATING	
The protection rating ensures the operational safety of luminaires. The first number specifies the extent of the protection against the ingress of foreign bodies; the second number identifies the humidity protection grade. All luminaires in this catalogue are at least protected with the rating IP20 – a higher rating is specified in the information box of the luminaire.	
	IP65
PROTECTION CLASS	
The protection class indicates to what extent the luminaire is protected against electric shock. All luminaires in this catalogue are at least protected with the protection class 1 - a higher class is specified in the information box of the respective luminaire.	
	protection class 1: protective earthing
	protection class 2: protective insulation
	protection class 3: protective low voltage

IMPRESSUM

All previous catalogues and price lists are no longer valid with the issue of this catalogue.

Errors, misprints, model and price changes and technical modifications are reserved. We deliver based on our terms of delivery and payment. Our products comply with the European light norm EN60598. Products with the ENEC test mark are conforming to the guide line 2006/95/EG. Products with additional safety remarks (e.g protection class, IP) are identified within the product family with the relevant symbol and number.

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EGLO Leuchten GmbH
Heiligkreuz 22
A-6136 Pill
Austria
Tel. +43 (0) 5242 6996
Fax +43 (0) 5242 6996-972
info@eglo.com
professional.eglo.com

W3751

my light | my style