

# MTS48 MICRO TRACK

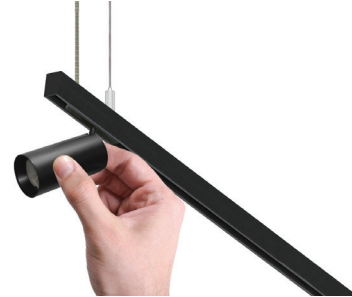
48VDC CLASS 2, SINGLE CIRCUIT, SUSPENSION TRACK SYSTEM

ASSEMBLED IN AMERICA

REV 08.05.25



Teeny Track Head  
 702 lumens @3000K  
 2 5/8" x 1 5/16" Dia



## DESCRIPTION

MTS48 Micro Track is a 48 volt suspension track system housed in the smallest of 5/8" deep x 7/16" wide track with a 1/4" slot profile which offers multiple fixture options in a clean, contemporary style. Suspended from the ceiling's with cables. For a clean architectural aesthetic, a paintable slot cover is supplied with track channels for hiding the copper bus bar and mounting screws. For custom quotes and layout assistance, send your drawings and ideas to our design team: [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

## FEATURES

- Track Heads easily attach to the track and adjust, tilt, and rotate using a small screw driver to lock into place
- Designed for use with 48VDC Universal Remote Power Supplies up to 40' away with low voltage wire
- Power Feeds offered with end and center feeds, with up to two-96W remote power supplies with center feed on the same line voltage circuit.
- Straight channels are available in 4' (44") and 8' (92") lengths, with the ability to be cut in the field
- Curved Channels are available in 12" and 20" Radius
- Opaque Plastic Slot Cover is included with channel concealing slot

## LAMP

Lumens: Up to 1776 lm at 3000K  
 Lumens Per Watt: Up to 127 lm/w at 3000K  
 CRI: Minimum 90 color rendering index  
 CCT: 2400K, 2700K, 3000K, 3500K, 4000K (Warm Dim available for 2700K and 3000K) color temperature with a great color consistency (within 3.0-step MacAdam ellipse)  
 LED Lamp Life: Minimum 50,000hr with 85% of lumen maintenance in 25.0C ambient temperature, in compliance with IES LM-80 testing measurements

## FINISH & MATERIAL

- Slot Cover: Black
- Extruded Aluminum Channel, conductors are a pair of #12 Gauge Copper Busbar

## POWER SUPPLY AND DIMMING (SOLD SEPARATELY)

48VDC, Remote Power

- [48V UNI Driver: Universal Dimming](#) (ELV, TRIAC, 0-10V)  
ELV & TRIAC [Smart Dimmer & Switch](#)

## APPLICATIONS

Indoor use only. Ideal applications in residential, commercial, retail and hospitality environments.

## WARRANTY / LABELS

5 year pro-rated warranty. Assembled in America

ETL (Conforms to UL 1598 and CSA 22.2 #250.0), Class 2 Under 100 Watts

PROJECT		FIXTURE TYPE		DATE	
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# MTS48 MICRO TRACK

## 48VDC CLASS 2, SINGLE CIRCUIT, SUSPENSION TRACK SYSTEM

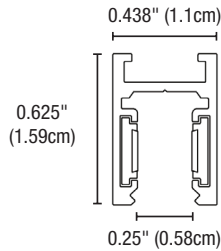
### COMPONENTS

#### MICRO SUSPENSION 48VDC TRACK CHANNEL

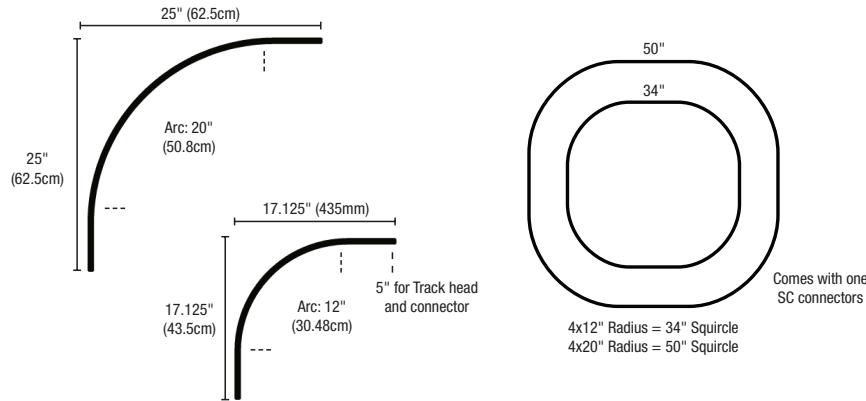


#### CHANNELS

Curved and straight track for a variety of configurations and designs using Extruded Aluminum Channel with 12 gauge buss bar to help eliminate voltage drop. For use with 48VDC Remote Power Supply, sold separately. Includes End Caps, a Straight Connector, and paintable opaque slot covers to conceal conductive connectors and track slots blending seamlessly with the fixture.



System	Circuit	Length in Feet	Finish
<b>MTS48</b>	<b>1C</b>	<b>8FT</b>	<b>BK</b>
<b>MTS48</b> Micro Track Suspension 48V	<b>1C</b> Single Circuit	<b>4FT</b> 44" <b>8FT</b> 92"	<b>BK</b> Black <b>MW</b> Matte White RAL 9003

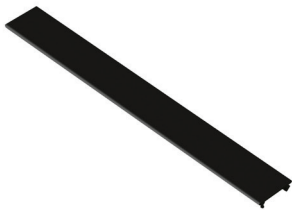


System	Circuit	Radius in Inches	Finish
<b>MTSC48</b>	<b>1C</b>	<b>12R</b>	<b>BK</b>
<b>MTSC48</b> Micro Track 48V Suspension Curved*	<b>1C</b> Single Circuit	<b>12R</b> 12" Radius <b>20R</b> 20" Radius	<b>BK</b> Black 10" long track <b>MW</b> Matte White 10" long track

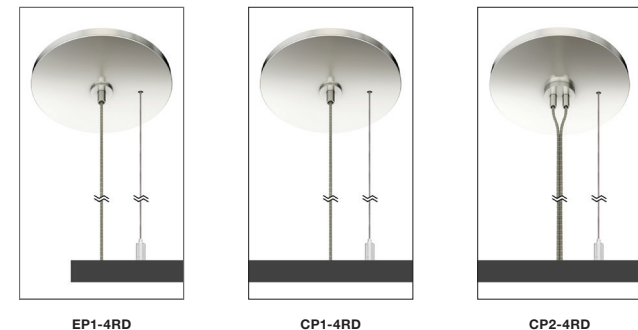
\*Curved track is not compatible with a Slot Cover

#### OPAQUE SLOT COVER

Two paintable Opaque Slot Covers are included with each Suspension Track.



System	Type	Length in Feet	Cover Color
<b>MT48</b>	<b>SCO</b>	<b>8FT</b>	<b>BK</b>
<b>MT48</b> Micro Track 48V	<b>SCO</b> Opaque Cover for Track Slot	<b>4FT</b> 4' <b>8FT</b> 8'	<b>BK</b> Black <b>MW</b> Matte White RAL 9003



#### POWER FEEDS

The End Power Feed uses 48v 96-watt from a remote power supply. The Center Feed Powers the track using two 96-watt, 48VDC remote power supplies. Power supplies must be connected to the same line voltage circuit (same phase). Mounting cable can be up to 12 feet from the ceiling.

System	Circuit & Type	Canopy	Finish
<b>MTS48</b>	<b>CP1</b>	<b>4RD4</b>	<b>BK</b>
<b>MTS48</b> Micro Track Suspension 48V	<b>EP1</b> End Power Feed Single Circuit, 10" long track <b>CP1</b> Center Power Feed Single Circuit, 14" long track <b>CP2</b> Two Center Power Feeds both directions, 14" long track	<b>4RD4</b> 4" Round Junction Box Cover with 4' Suspension Cable <b>4RD12</b> 4" Round Junction Box Cover with 12' Suspension Cable	<b>BK</b> Black <b>MW</b> Matte White RAL 9003 <b>SN</b> Satin Nickel

PROJECT	FIXTURE TYPE	DATE
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# MTS48 MICRO TRACK

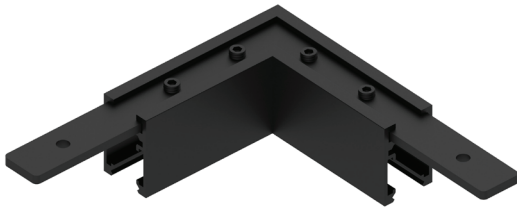
48VDC CLASS 2, SINGLE CIRCUIT, SUSPENSION TRACK SYSTEM



## SUSPENSION MOUNTING CLIP

Suspension Mounting Clip suspends the track up to 12ft from the ceiling.

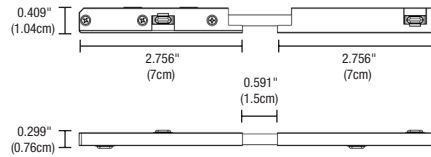
System	Type	Finish
<b>MTS48</b>	<b>MCL4</b>	<b>SN</b>
<b>MTS48</b> Micro Track 48V Suspension	<b>MCL4</b> Mounting Clip with 4' Suspension Cable <b>MCL12</b> Mounting Clip with 12' Suspension Cable	<b>SN</b> Satin Nickel



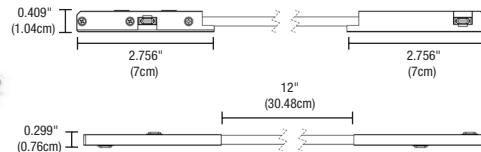
## L-SHAPED CONNECTOR

L-Shaped Connector joins two sections of track 90° apart.

System	Circuit	Type	Finish
<b>MTS48</b>	<b>1C</b>	<b>LC</b>	<b>BK</b>
<b>MTS48</b> Micro Track 48V Suspension	<b>1C</b> Single Circuit	<b>LC</b> L-Connector Conductive <b>LNC</b> L-Connector Non-Conductive	<b>BK</b> Black <b>MW</b> Matte White RAL 9003



System	Circuit	Type	Finish
<b>MT48</b>	<b>1C</b>	<b>FXC</b>	<b>BK</b>
<b>MT48</b> Micro Track 48V	<b>1C</b> Single Circuit	<b>FXC</b> Flex Connector	<b>BK</b> Black <b>MW</b> Matte White RAL 9003

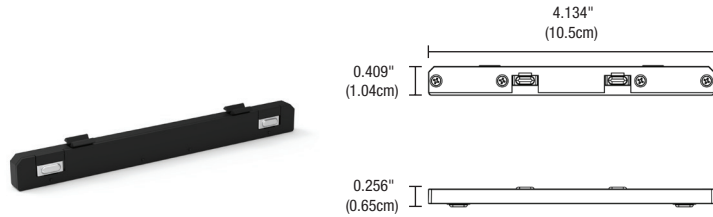


System	Circuit	Type	Finish
<b>MT48</b>	<b>1C</b>	<b>FXCL</b>	<b>BK</b>
<b>MT48</b> Micro Track 48V	<b>1C</b> Single Circuit	<b>FXCL</b> Flex Connector Long 12"	<b>BK</b> Black <b>MW</b> Matte White RAL 9003

# MTS48 MICRO TRACK

## 48VDC CLASS 2, SINGLE CIRCUIT, SUSPENSION TRACK SYSTEM

### ADDITIONAL PARTS



#### STRAIGHT CONNECTOR (INCLUDED WITH EACH TRACK)

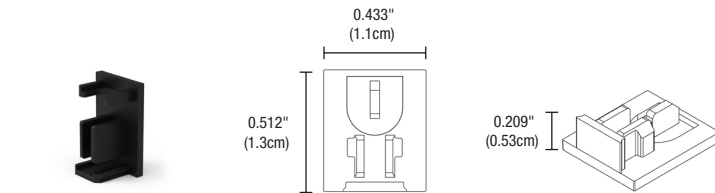
Miniature Straight 48v Connector joins two track sections end to end and is concealed by the slot covers. Included with each section of track.

System	Circuit	Type	Finish
<b>MT48</b>	<b>1C</b>	<b>SC</b>	<b>BK</b>
MT48 Micro Track 48V	1C Single Circuit	SC Straight Connector Conductive	BK Black MW Matte White RAL 9003



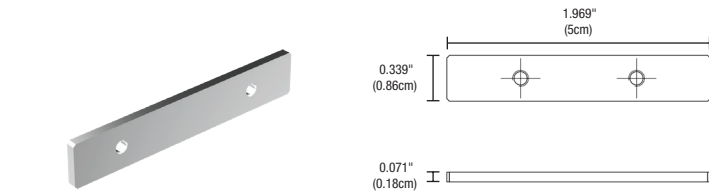
#### SUSPENSION POWER FEED CONNECTOR (INCLUDED IN POWER CANOPY)

System	Circuit	Type	Finish
<b>MTS48</b>	<b>1C</b>	<b>EP</b>	<b>BK</b>
MTS48 Micro Track 48V	1C Single Circuit	EP End Power Feed	BK Black MW Matte White RAL 9003



#### END CAPS (INCLUDED WITH EACH TRACK)

System	Circuit	Type	Finish
<b>MTS48</b>	<b>1C</b>	<b>CA</b>	<b>BK</b>
MTS48 Micro Track Suspension 48V	1C Single Circuit	CA End Cap	BK Black MW Matte White RAL 9003



#### REINFORCEMENT JOINER (INCLUDED WITH EACH TRACK)

Reinforcement joiner used for cutting and mechanically joining two tracks together, 1 PC.

System	Type
<b>MT48</b>	<b>J1</b>
MT48 Micro Track 48V	J1 Reinforcement Joiner

# MT48 TRACK HEADS

48VDC WITH INTEGRATED LED

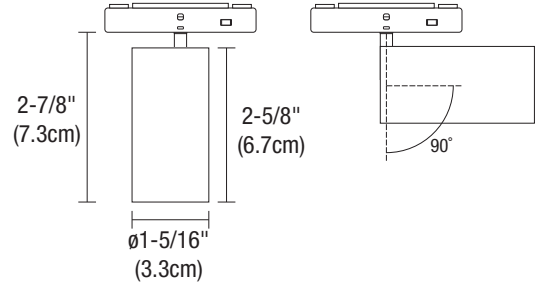
PureEdge MT48 Track Heads are compatible with Micro Track (MT48).

## TEENY (BUT POWERFUL)

702 LM @ 3000K, 6 WATT



Quarter for Scale

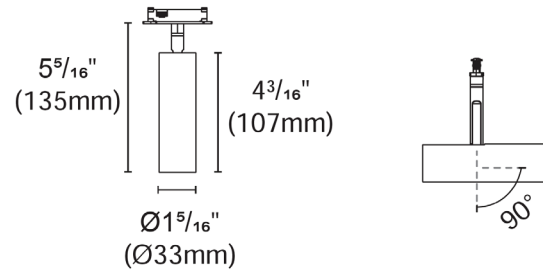


System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
<b>MT48</b>	<b>TEE</b>	<b>6W</b>	<b>NF</b>	<b>30K</b>	<b>BK</b>
MT48 Micro Track 48V	TEE Teeny Trackhead	6W 6 Watts	<b>VS</b> Very Narrow Spot 10° <b>NS</b> Narrow Spot 15° <b>SP</b> Spot 24° <b>NF</b> Narrow Flood 36° <b>FL</b> Flood 50°	<b>24K</b> 2400K Amber White <b>27K</b> 2700K Very Warm White <b>30K</b> 3000K Warm White <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White	<b>BK</b> Black Powder Coat <b>MW</b> Matte White Powder Coat RAL 9003

	TEENY				
COLOR TEMPERATURE	24K	27K	30K	35K	40K
TOTAL LUMENS	667	674	702	805	849
WATTS	6	6	6	6	6
LUMENS PER WATT (lm/w)	111	112	117	134	142
CRI	93+	93+	93+	93+	93+

## SLIM

617 LM @ 3000K, 6 WATT



System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
<b>MT48</b>	<b>SLM</b>	<b>6W</b>	<b>NF</b>	<b>30K</b>	<b>BK</b>
MT48 Micro Track 48V	SLM Slim Trackhead	6W 6 Watts	<b>VS</b> Very Narrow Spot 10° <b>NS</b> Narrow Spot 15° <b>SP</b> Spot 24° <b>NF</b> Narrow Flood 36° <b>FL</b> Flood 50°	<b>24K</b> 2400K Amber White <b>27K</b> 2700K Very Warm White <b>30K</b> 3000K Warm White <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White	<b>BK</b> Black Powder Coat <b>MW</b> Matte White Powder Coat RAL 9003 <b>SB</b> Satin Brass <b>SN</b> Satin Nickel

	SLIM				
COLOR TEMPERATURE	24K	27K	30K	35K	40K
TOTAL LUMENS	586	592	617	708	747
WATTS	6	6	6	6	6
LUMENS PER WATT (lm/w)	98	99	103	118	124
CRI	93+	93+	93+	93+	93+


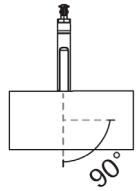
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# MT48 TRACK HEADS

48VDC WITH INTEGRATED LED

PureEdge MT48 Track Heads are compatible with Micro Track (MT48).


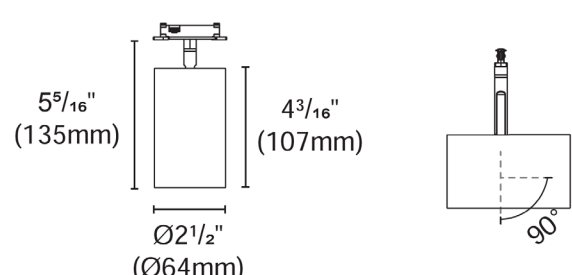
**PICO**  
1047 LM @ 3000K, 10 WATT

System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
<b>MT48</b>	<b>PCO</b>	<b>10W</b>	<b>FL</b>	<b>30K</b>	<b>BK</b>
MT48 Micro Track 48V	PCO Pico Trackhead	10W 10 Watts	<b>VS</b> Very Narrow Spot 10° <b>NS</b> Narrow Spot 18° <b>SP</b> Spot 24° <b>NF</b> Narrow Flood 36° <b>FL</b> Flood 50°	<b>24K</b> 2400K Amber White <b>27K</b> 2700K Very Warm White <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White	<b>BK</b> Black Powder Coat <b>MW</b> Matte White Powder Coat RAL 9003 <b>SB</b> Satin Brass <b>SN</b> Satin Nickel

	PICO					
COLOR TEMPERATURE	24K	27K	30K	30D	35K	40K
TOTAL LUMENS	995	1005	1047	806	1201	1267
WATTS	10	10	10	10	10	10
LUMENS PER WATT (lm/w)	99	101	105	81	120	127
CRI	93+	93+	93+	93+	93+	93+

**POP**  
1776 LM @ 3000K, 14 WATT

System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
<b>MT48</b>	<b>POP</b>	<b>14W</b>	<b>NS</b>	<b>30K</b>	<b>BK</b>
MT48 Micro Track 48V	POP Pop Trackhead	14W 14 Watts	<b>VS</b> Very Narrow Spot 10° <b>NS</b> Narrow Spot 15° <b>SP</b> Spot 24° <b>NF</b> Narrow Flood 35° <b>FL</b> Flood 50°	<b>24K</b> 2400K Amber White <b>27K</b> 2700K Very Warm White <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White	<b>BK</b> Black Powder Coat <b>MW</b> Matte White Powder Coat RAL 9003 <b>SB</b> Satin Brass <b>SN</b> Satin Nickel

	POP					
COLOR TEMPERATURE	24K	27K	30K	30D	35K	40K
TOTAL LUMENS	1687	1705	1776	1368	2038	2149
WATTS	14	14	14	14	14	14
LUMENS PER WATT (lm/w)	121	122	127	98	146	153
CRI	93+	93+	93+	93+	93+	93+

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# MT48 TRACK HEADS

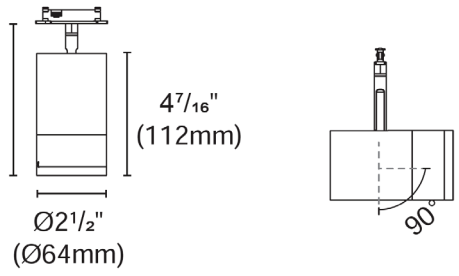
48VDC WITH INTEGRATED LED

PureEdge MT48 Track Heads are compatible with Micro Track (MT48).

**POP ZOOM 15 DEGREES TO 50 DEGREES**

**905 LM @ 3000K, 14 WATT**






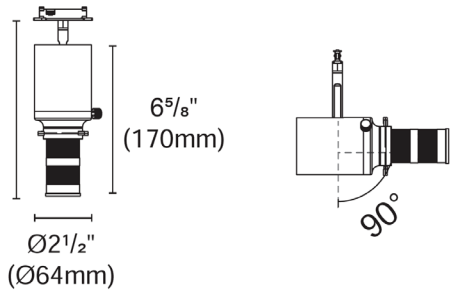
System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
<b>MT48</b>	<b>POZ</b>	<b>14W</b>	<b>NSFL</b>	<b>30K</b>	<b>BK</b>
MT48 Micro Track 48V	POZ Pop Zoom Trackhead	14W 14 Watts	NSFL Narrow Spot 15° to Flood 50°	<b>24K</b> 2400K Amber White <b>27K</b> 2700K Very Warm White <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White	<b>BK</b> Black Powder Coat <b>MW</b> Matte White Powder Coat RAL 9003 <b>SB</b> Satin Brass <b>SN</b> Satin Nickel

	POP ZOOM 15 DEGREES TO 50 DEGREES					
COLOR TEMPERATURE	24K	27K	30K	30D	35K	40K
TOTAL LUMENS	892	901	939	723	1077	1136
WATTS	14	14	14	14	14	14
LUMENS PER WATT (lm/w)	64	64	46	52	77	81
CRI	93+	93+	93+	93+	93+	93+

**FRAME 2**

**905 LM @ 3000K, 14 WATT 48V CLASS 2**





System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
<b>MT48</b>	<b>FRM2</b>	<b>14W</b>	<b>SPNF</b>	<b>30K</b>	<b>BK</b>
MT48 Micro Track 48V	FRM2 Frame 2 Trackhead	14W 14 Watts	SPNF Spot 20° to Narrow Flood 30°	<b>24K</b> 2400K Amber White <b>27K</b> 2700K Very Warm White <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White	<b>BK</b> Black Powder Coat <b>MW</b> Matte White Powder Coat RAL 9003

	FRAME 2					
COLOR TEMPERATURE	24K	27K	30K	30D	35K	40K
TOTAL LUMENS	514	519	541	418	621	655
WATTS	14	14	14	14	14	14
LUMENS PER WATT (lm/w)	37	37	39	30	44	47
CRI	95+	95+	95+	95+	95+	95+

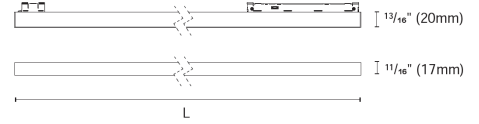
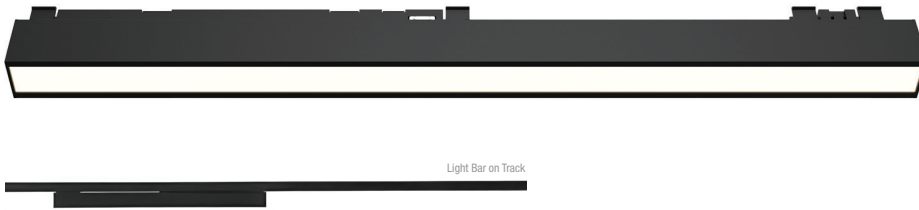
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# MT48 TRACK HEADS

## 48VDC WITH INTEGRATED LED

### LIGHT BAR

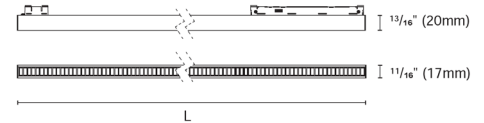
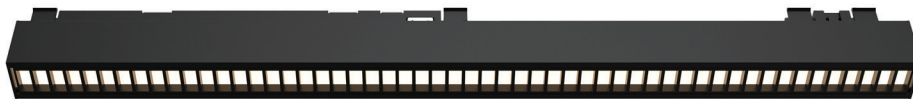


2417.217A: 11 11/16" (297mm)  
 2417.217B: 23 1/4" (590mm)  
 2417.217C: 34 1/16" (884mm)

System	Fixture	Wattage	Color Temperature	Finish
<b>MT48</b>	<b>LB</b>	<b>6W12</b>	<b>30K</b>	<b>BK</b>
MT48 Micro Track 48V	LB Light Bar	<b>6W12</b> 6 Watts, 12" Length <b>11W24</b> 11 Watts, 24" Length <b>17W36</b> 17 Watts, 36" Length	<b>27K</b> 2700K Very Warm White <b>30K</b> 3000K Warm White <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White	<b>BK</b> Black Powder Coat <b>MW</b> Matte White Powder Coat RAL 9003

	LIGHT BAR WITH 140° LENS											
WATTAGE	6W				11W				17W			
COLOR TEMPERATURE	27K	30K	35K	40K	27K	30K	35K	40K	27K	30K	35K	40K
TOTAL LUMENS	384	400	459	484	768	800	918	968	1152	1200	1377	1452
LUMENS PER WATT (lm/w)	64	67	76	81	128	133	153	161	192	200	229	242
CRI	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+

### LIGHT BAR LOUVER



2417.218A: 11 11/16" (297mm)  
 2417.218B: 23 1/4" (590mm)  
 2417.218C: 34 1/16" (884mm)

System	Fixture	Wattage	Color Temperature	Finish
<b>MT48</b>	<b>LBL</b>	<b>6W12</b>	<b>30K</b>	<b>BK</b>
MT48 Micro Track 48V	LBL Light Bar Louver	<b>6W12</b> 6 Watts, 12" Length <b>11W24</b> 11 Watts, 24" Length <b>17W36</b> 17 Watts, 36" Length	<b>27K</b> 2700K Very Warm White <b>30K</b> 3000K Warm White <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White	<b>BK</b> Black Powder Coat <b>MW</b> Matte White Powder Coat RAL 9003

	LIGHT BAR LOUVER & 120° LENS											
WATTAGE	6W				11W				17W			
COLOR TEMPERATURE	27K	30K	35K	40K	27K	30K	35K	40K	27K	30K	35K	40K
TOTAL LUMENS	124	129	148	156	248	258	296	312	372	387	444	468
LUMENS PER WATT (lm/w)	21	22	25	26	41	43	49	52	62	65	74	78
CRI	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+

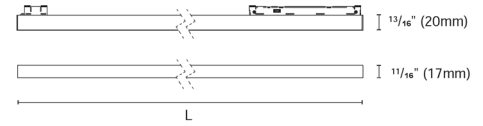
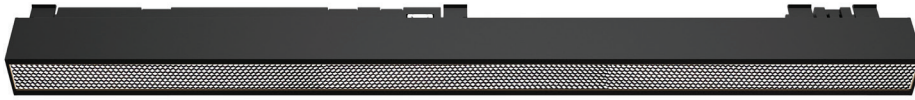
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# MT48 TRACK HEADS

## 48VDC WITH INTEGRATED LED

### LIGHT BAR HEXCELL LOUVER

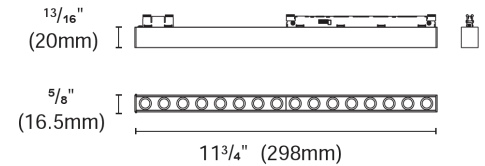
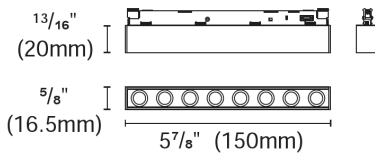


2417.231A: 11 11/16" (297mm)  
2417.231B: 23 3/4" (590mm)  
2417.231C: 34 13/16" (884mm)

System	Fixture	Wattage	Color Temperature	Finish
<b>MT48</b>	<b>LBH</b>	<b>6W12</b>	<b>30K</b>	<b>BK</b>
MT48 Micro Track 48V	LBH Light Bar Hexcell Louver	6W12 6 Watts, 12" Length 11W24 11 Watts, 24" Length 17W36 17 Watts, 36" Length	27K 2700K Very Warm White 30K 3000K Warm White 35K 3500K Neutral White 40K 4000K Cool White	BK Black Powder Coat MW Matte White Powder Coat RAL 9003

	LIGHT BAR WITH HEXCELL LOUVER & 120° LENS											
WATTAGE	6W				11W				17W			
COLOR TEMPERATURE	27K	30K	35K	40K	27K	30K	35K	40K	27K	30K	35K	40K
TOTAL LUMENS	161	168	193	203	323	336	385	407	484	504	578	610
LUMENS PER WATT (lm/w)	27	28	32	34	54	56	64	68	81	84	96	102
CRI	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+

### LIGHT BAR ACCENT



System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
<b>MT48</b>	<b>BA</b>	<b>9W6</b>	<b>NF</b>	<b>30K</b>	<b>BC</b>
MT48 Micro Track 48V	BA Bar Accent	9W6 9 Watts, 6" Length 16W12 16 Watts, 12" Length	NF Narrow Flood 30°	27K 2700K Very Warm White 30K 3000K Warm White 35K 3500K Neutral White 40K 4000K Cool White	BC Black Fixture Crystal Baffle MC Matte White Fixture Crystal Baffle

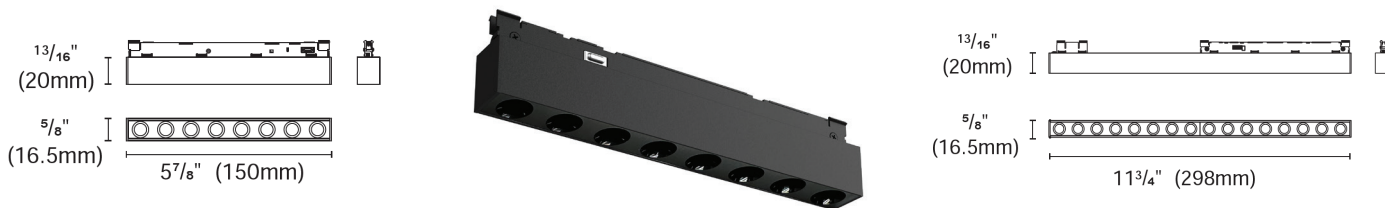
	LIGHT BAR ACCENT WITH 30° LENS							
WATTAGE	9W				16W			
COLOR TEMPERATURE	27K	30K	35K	40K	27K	30K	35K	40K
TOTAL LUMENS	526	548	629	663	1005	1047	1201	1267
LUMENS PER WATT (lm/w)	88	91	105	111	168	175	200	211
CRI	90+	90+	90+	90+	90+	90+	90+	90+

PROJECT		FIXTURE TYPE		DATE	
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# MT48 TRACK HEADS

## 48VDC WITH INTEGRATED LED

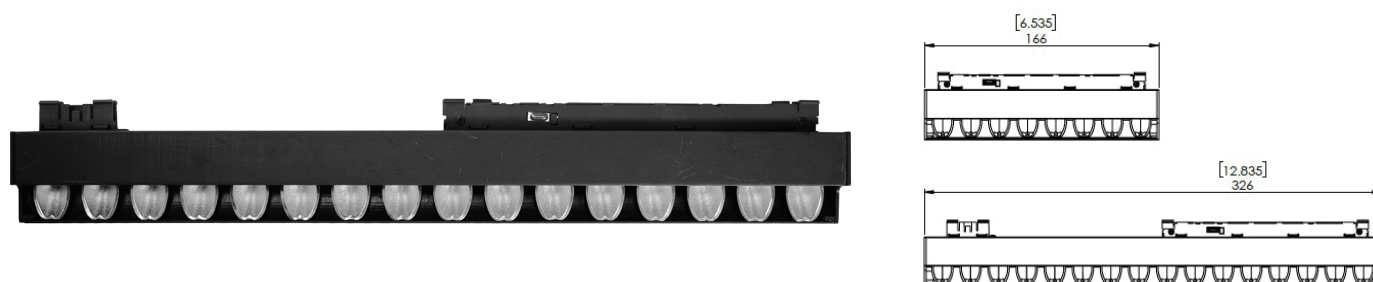
### LIGHT BAR ACCENT HEXCELL LOUVER



System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
<b>MT48</b>	<b>BAH</b>	<b>9W6</b>	<b>NF</b>	<b>30K</b>	<b>BC</b>
MT48 Micro Track 48V	BAH Bar Accent Hexcell Louver	9W6 9 Watts, 6" Length 16W12 16 Watts, 12" Length	NF Narrow Flood 30°	27K 2700K Very Warm White 30K 3000K Warm White 35K 3500K Neutral White 40K 4000K Cool White	BC Black Fixture Crystal Baffle MC Matte White Fixture Crystal Baffle

	LIGHT BAR ACCENT WITH HEXCELL LOUVER & 30° LENS							
	9W				16W			
WATTAGE								
COLOR TEMPERATURE	27K	30K	35K	40K	27K	30K	35K	40K
TOTAL LUMENS	259	270	310	327	493	514	590	622
LUMENS PER WATT (lm/w)	43	45	52	54	82	86	98	104
CRI	90+	90+	90+	90+	90+	90+	90+	90+

### LIGHT BAR WALL WASH



System	Fixture	Wattage	Color Temperature	Finish
<b>MT48</b>	<b>BWW</b>	<b>9W6</b>	<b>30K</b>	<b>BK</b>
MT48 Micro Track 48V	BWW Bar Wall Wash	9W6 9 Watts, 6" Length 16W12 16 Watts, 12" Length	27K 2700K Very Warm White 30K 3000K Warm White 35K 3500K Neutral White 40K 4000K Cool White	BK Black Powder Coat MW Matte White Powder Coat RAL 9003

	LIGHT BAR WALL WASH							
	9W				16W			
WATTAGE								
COLOR TEMPERATURE	27K	30K	35K	40K	27K	30K	35K	40K
TOTAL LUMENS	526	548	629	663	1005	1047	1201	1267
LUMENS PER WATT (lm/w)	88	91	105	111	168	175	200	211
CRI	90+	90+	90+	90+	90+	90+	90+	90+

PROJECT		FIXTURE TYPE		DATE	
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# MT48 TRACK HEADS

48VDC WITH INTEGRATED LED

## FLEX LINEAR LIGHT

3 WATT





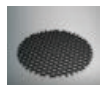


System	Fixture	Wattage	Length	Color Temperature
<b>MT48</b>	<b>FN2</b>	<b>3W</b>	<b>18FT</b>	<b>30K</b>
MT48 Micro Track 48V	FN2 Flex Linear Light	3W 3 Watts per foot	1-18FT 1-18 Feet	27K 2700K Very Warm White 30K 3000K Warm White 35K 3500K Neutral White 40K 4000K Cool White



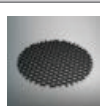
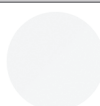
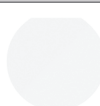
	FLEX LINEAR LIGHT			
COLOR TEMPERATURE	27K	30K	35K	40K
TOTAL LUMENS	67	70	81	85
WATTS	3	3	3	3
LUMENS PER WATT (lm/w)	22	23	27	28
CRI	90+	90+	90+	90+








# MT48 TRACK HEADS

48VDC WITH INTEGRATED LED

## Accessories

TEENY / SLIM OPTICAL LENS		GLASS LENS	LOUVER	FOCUS LENS	LINEAR SPREAD FILM
					
ORDERING CODE	STATIC WHITE OPL-SLM-VS-SW OPL-SLM-NS-SW OPL-SLM-SP-SW OPL-SLM-NF-SW OPL-SLM-FL-SW	GL9-AS (ASYMMETRIC) GL9-SF (SOFT DIFFUSER)	L09-H	LF09-SF (SOFT FOCUS), LF09-MF (MEDIUM FOCUS), LF09-WF (WIDE FOCUS)	LF09-LS
LENS SIZE	ø1-5/16" (3.3cm) Diameter	Glass Lens	Hexcell louver eliminates glare.	Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination.	1-1/8" Dia. Linear Spread Film. Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25°.
DESCRIPTIONS	VS (10°), NS (15°), SP (24°), NF (36°), FL (50°)				

PICO OPTICAL LENS		GLASS LENS	LOUVER	FOCUS LENS	LINEAR SPREAD FILM
					
ORDERING CODE	STATIC WHITE OPL-PCO-VS-SW OPL-PCO-NS-SW OPL-PCO-SP-SW OPL-PCO-NF-SW OPL-PCO-FL-SW	GL10-VLS	L010-H	LF10-SF (SOFT FOCUS), LF10-MF (MEDIUM FOCUS), LF10-WF (WIDE FOCUS)	LF10-LS
LENS SIZE	ø2" (5.1cm) Diameter	Glass Oval Spread Lens	Hexcell louver eliminates glare.	Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination.	1-1/4" Dia. Linear Spread Film. Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25°.
DESCRIPTIONS	VS (10°), NS (18°), SP (24°), NF (36°), FL (50°)				


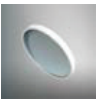
POP OPTICAL LENS		GLASS LENS	LOUVER	FOCUS LENS	LINEAR SPREAD FILM	SNOOT	
							
ORDERING CODE	STATIC WHITE OPL-POP-VS-SW OPL-POP-NS-SW OPL-POP-SP-SW OPL-POP-NF-SW OPL-POP-FL-SW	GL16-LS	L016-H	LF16-SF (SOFT FOCUS), LF16-MF (MEDIUM FOCUS), LF16-WF (WIDE FOCUS)	LF16-LS	POP-ST-BK POP-ST-MW	POP-STA-BK POP-STA-MW
LENS SIZE	ø2-1/2" (6.4cm) Diameter	Glass Linear Spread Lens	Hexcell louver eliminates glare. 2" Dia.	Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination.	2" Dia. Linear Spread Film. Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25°.	POP Snoot is designed to reduce spill and control glare. In Black or Matte White RAL 9003	Asymmetrical Snoot for Wall Wash with GL12-LS. Reduces spill and control glare. In Black or Matte White RAL 9003
DESCRIPTIONS	VS (10°), NS (18°), SP (24°), NF (36°), FL (50°)						

PROJECT		FIXTURE TYPE		DATE	
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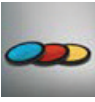

# MT48 TRACK HEADS

48VDC WITH INTEGRATED LED

Accessories

POP ZOOM		SPREAD LENS	
			
ORDERING CODE		POZ-VLS-BK POZ-VLS-MW	
LENS SIZE	ø2-1/2" (6.4cm) Diameter	Oval Spread Lens. In Black or Matte White	

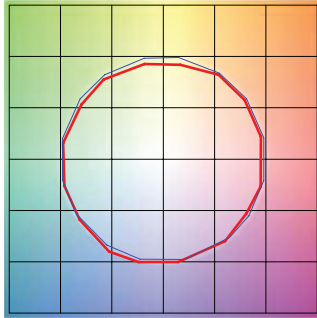
FRAME 2		LENS FILM COLOR FILTER	GOBO LENS
			
ORDERING CODE		LF-FRM2-BLU LF-FRM2-RED LF-FRM2-YLW	GB-FRM2
LENS SIZE	ø2-1/2" (6.4cm) Diameter	Frame 2 Lens Film Color filter produces beams of light. Choose for any of Rosco Color films.	Frame 2 with a Gobo lens projects your logo or design onto any surface using 3 color options. For custom Gobo, send your drawings and ideas to our design team: design@PureEdgeLighting.com

# TM30 DATA

## 48VDC WITH INTEGRATED LED

**2400K** | Rf: 84.5 | Rg: 94.4

Color Vector Graphic

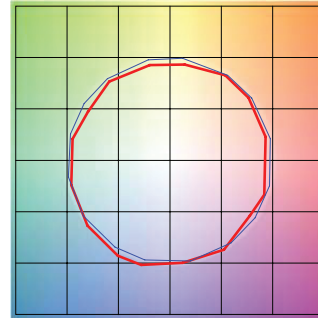


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	92	-2.4%	1.5%
2	94.7	-2.1%	-0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89	-0.6%	5.8%
10	88.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

**2700K** | Rf: 87.7 | Rg: 96.1

Color Vector Graphic

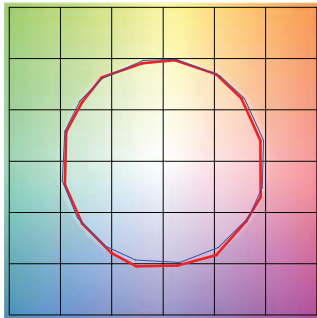


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.0	-4.3%	2.6%
2	91.6	-2.4%	2.0%
3	93.7	-1.4%	1.9%
4	88.9	-5.6%	-3.1%
5	92.3	-5.5%	-0.5%
6	92.9	-3.5%	0.1%
7	84.5	-7.5%	4.6%
8	90.8	-3.0%	4.4%
9	84.5	-1.3%	8.3%
10	83.9	2.0%	9.8%
11	87.2	5.3%	7.1%
12	89.2	5.4%	-2.6%
13	88.7	0.3%	-7.8%
14	86.8	1.7%	-9.3%
15	87.6	-5.4%	-1.3%
16	83.6	-3.3%	-9.5%

**3000K** | Rf: 88.1 | Rg: 99.7

Color Vector Graphic

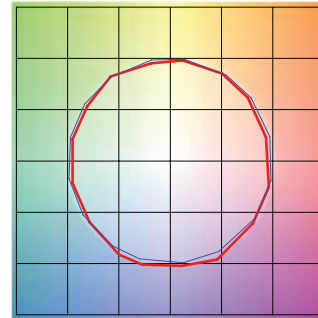


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	92.5	-3.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.9	-0.8%	3.9%
4	94.3	-1.1%	1.4%
5	92.5	-2.6%	1.5%
6	96.4	1.2%	-0.3%
7	92.6	-2.5%	-0.0%
8	96.9	-1.4%	0.2%
9	92.3	-1.8%	4.3%
10	86.6	-0.7%	7.0%
11	86.5	2.4%	8.2%
12	89.8	5.9%	1.7%
13	93.9	2.6%	-2.7%
14	89.4	5.1%	-5.8%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%

**3500K** | Rf: 86.1 | Rg: 95.5

Color Vector Graphic

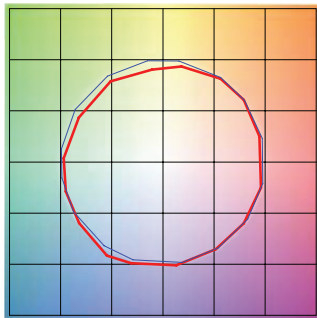


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.8	-3.8%	0.3%
2	92.3	-2.8%	2.1%
3	89.7	-1.0%	4.3%
4	92.6	-1.4%	1.7%
5	91.8	-3.1%	1.3%
6	96.2	0.8%	-0.4%
7	92.9	-3.2%	0.2%
8	94.3	-2.5%	1.5%
9	90.4	-2.5%	5.2%
10	84.3	-1.4%	9.5%
11	83.1	3.5%	9.8%
12	88.2	4.8%	3.4%
13	94.0	2.7%	-2.0%
14	88.7	5.9%	-5.8%
15	88.7	0.7%	-5.9%
16	86.8	-0.7%	-6.7%

**4000K** | Rf: 87.6 | Rg: 96.8

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.9	-2.4%	2.5%
2	93.3	-0.4%	0.8%
3	94.8	-1.0%	-0.6%
4	87.9	-4.9%	-3.6%
5	85.3	-9.4%	-2.6%
6	90.2	-6.0%	0.2%
7	85.3	-7.6%	4.6%
8	83.7	-4.1%	8.2%
9	79.5	-1.1%	13.8%
10	78.6	1.5%	12.1%
11	83.5	6.4%	7.8%
12	90.9	3.6%	-1.1%
13	88.3	1.7%	-6.3%
14	91.9	-0.4%	-2.2%
15	84.5	-0.9%	-5.5%
16	84.7	-1.1%	-4.4%