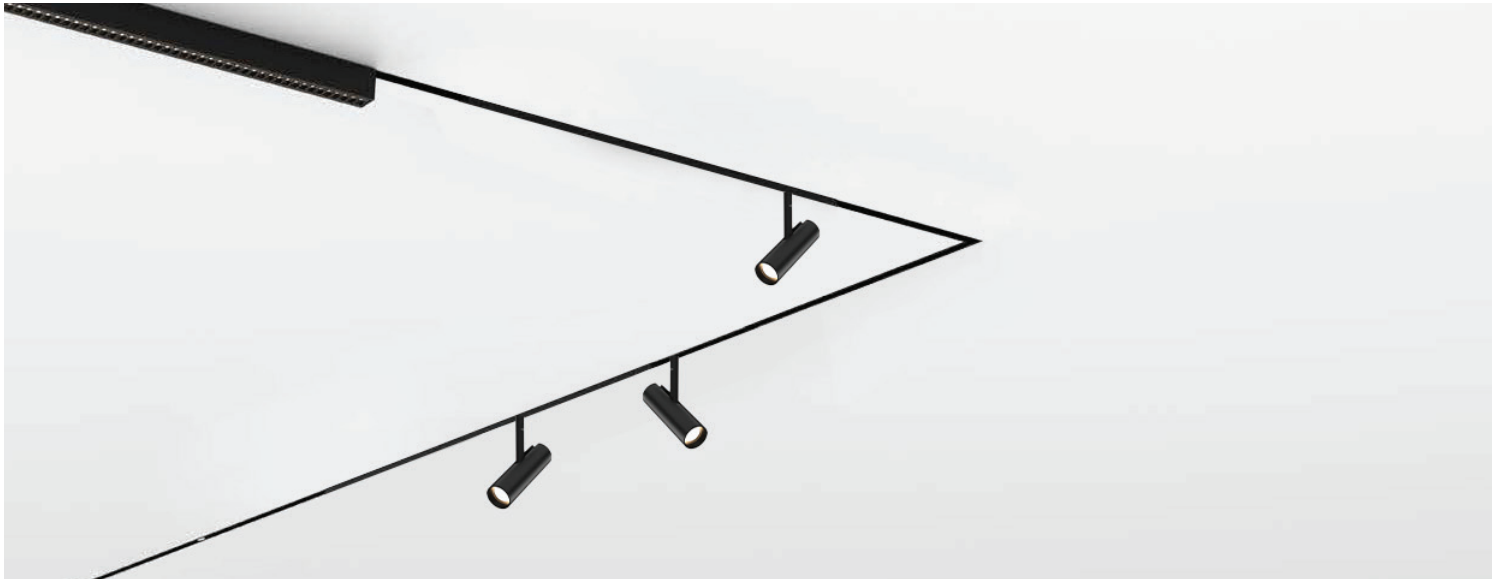


MTR48 MICRO RECESSED TRACK

48VDC CLASS 2, 1/2" OR 5/8" DRYWALL

ASSEMBLED IN AMERICA

REV 04.08.25



DESCRIPTION

MTR48 is a 48volt plaster-in recessed track system. Only as thick as the 1/2" drywall ceiling or wall, the Micro Track patented design is precision engineered to blend seamlessly within drywall surfaces, eliminating the need for joist modification, and provides more flexibility to make turns along the ceiling. For a clean architectural aesthetic, a paintable slot cover is supplied with track channels leaving only the track head visible once installed. For custom quotes and layout assistance, send your drawings and ideas to our design team: 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
- Track Heads are available in five color temperatures including Warm Dim (30D)
- Track Head Lumen Output up to 1780 Lumens with multiple fixed and adjustable beam spread options
- Designer-grade Color Rendering 90+ CRI
- Power Feeds offered with end and center feed, L-connector options and inside corner options, up to two 96 Watt power supplies before re-feeding, and two 96 watt power supplies with center feed
- Recessed Channel is available in 4' (44") and 8' (92") lengths, with the ability to be cut in the field
- Opaque Plastic Slot Cover is included with channel concealing slot, and may be painted to match the ceiling

FINISH & MATERIAL

- Slot Cover: Black or Matte White Powder RAL 9003 Powder Coat
- Extruded Aluminum Channel, conductors are a pair of #12 Gauge Copper Busbar

POWER SUPPLY AND DIMMING (SOLD SEPARATELY)

48VDC, Remote Power

- Pure Smart [Power Supplies & Controls](#)

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, 200 Watts UL2108

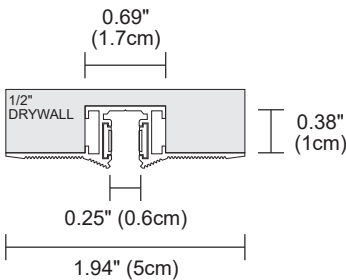
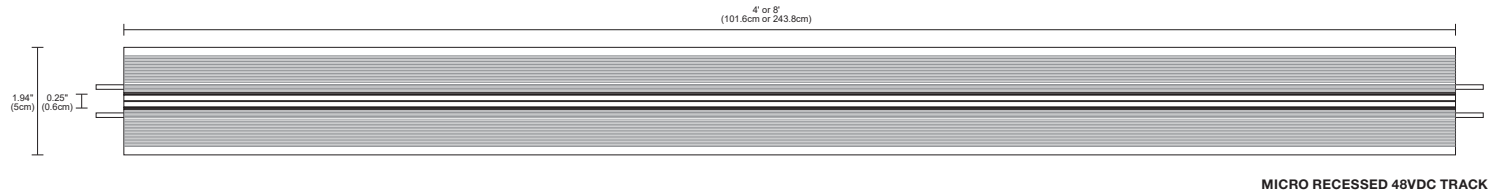
TruTrack® 5/8" Drywall Recessed Lighting:

An original, ground-breaking design from PureEdge Lighting – backed by over 30 years of precision manufacturing.

PROJECT		FIXTURE TYPE		DATE	
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MTR48 MICRO RECESSED TRACK
48VDC CLASS 2, 1/2" OR 5/8" DRYWALL

COMPONENTS



CHANNELS
Extruded Aluminum Channel with 12 gauge buss bar to help eliminate voltage drop. For use with 48VDC Remote Power Supply, sold separately. Includes paintable, opaque slot covers to conceal conductive connectors and track slots blending seamlessly into the ceiling. Also included with each Track Straight Connector is an End Cap and a Cover.

Table with 3 columns: System, Circuit, Length in Feet. Row 1: MTR48, 1C, 8FT. Row 2: MTR48 Micro Track 48V Recessed Magnetic, 1C Single Circuit, 4FT 44" 8FT 92"

OPAQUE SLOT COVER (INCLUDED WITH MTR48 TRACK ABOVE)
Paintable 1/2" Opaque Slot Covers.



Table with 4 columns: System, Type, Length in Feet, Cover Color. Row 1: MT48, SCO, 8FT, BK. Row 2: MT48 Micro Track 48V, SCO Opaque Cover for Track Slot, 8FT 8', BK Black WH White (Paintable)

END POWER FEED 1/2" DRYWALL
End Power Feed with junction box powers the track with up to two 96 watt power supplies. May be used on cement ceiling with only 1/2" dry wall (junction box not used).

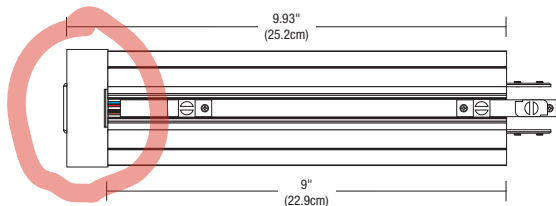


Table with 3 columns: System, Circuit, Type. Row 1: MTR48, 1C, EP. Row 2: MTR48 Micro Track 48V Recessed, 1C Single Circuit, EP End Power Feed

CENTER POWER FEED
Center Power feed Up to 2x 96 watts at 48 Volts.

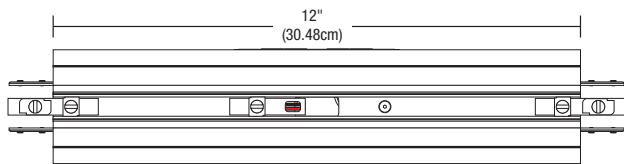
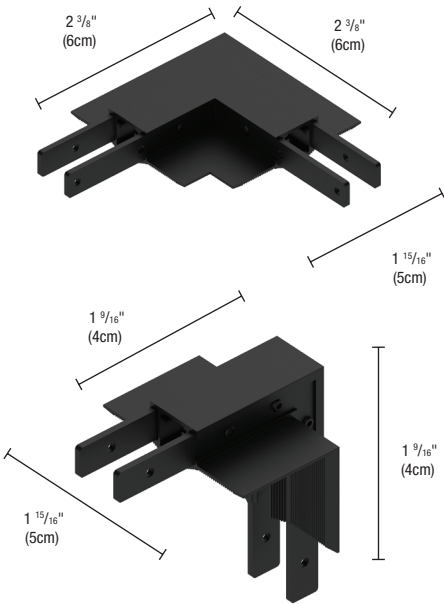


Table with 3 columns: System, Circuit, Type. Row 1: MTR48, 1C, CP. Row 2: MTR48 Micro Track Recessed 48V, 1C One Circuit, CP Center Power Feed

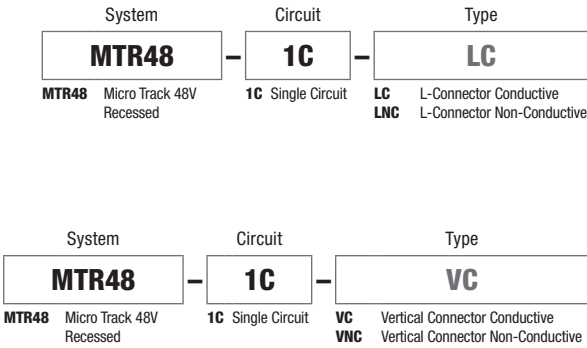
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MTR48 MICRO RECESSED TRACK
48VDC CLASS 2, 1/2" OR 5/8" DRYWALL

COMPONENTS



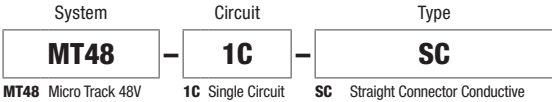
L-SHAPED CONNECTOR
L-Shaped Connector joins two sections of track 90° apart.



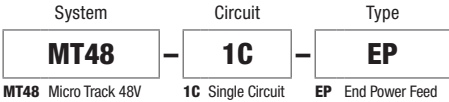
EXTRA PARTS



STRAIGHT CONNECTOR (INCLUDED WITH EACH TRACK)
Miniature Straight Connector joins two track sections end to end and is concealed by the slot covers. Included with each section of track.



END POWER FEED (INCLUDED WITH POWER TRACK)
End Power feed up to 96 watts at 48 Volts. Can be used to replace lost part.



END CAP (INCLUDED WITH EACH TRACK)

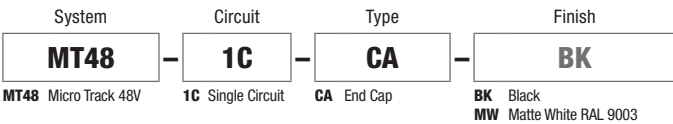


Table with 4 columns: PROJECT, FIXTURE TYPE, DATE, and an empty column.

MTR48 MICRO RECESSED TRACK

48VDC CLASS 2, 1/2" OR 5/8" DRYWALL

EXTRA PARTS

FLEX CONNECTOR (INCLUDED WITH EACH L CONNECTOR)



System	Circuit	Type
MT48	1C	FXC
MT48 Micro Track 48V	1C Single Circuit	FXC Flex Connector



System	Circuit	Type
MT48	1C	FXCL
MT48 Micro Track 48V	1C Single Circuit	FXCL Flex L Connector



REINFORCEMENT JOINERS (INCLUDED WITH EACH TRACK)

Reinforcement joiners used for cutting and mechanically joining two tracks together, 2 PCS.

System	Type
MTR48	J
MTR48 Micro Track Recessed 48V	J Reinforcement Joiners

PROJECT		FIXTURE TYPE		DATE	
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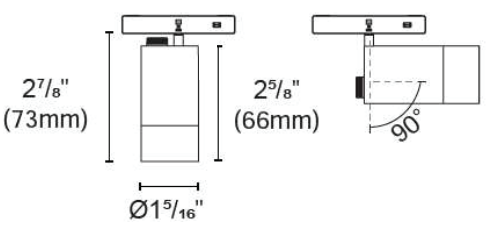
MTR48 TRACK HEADS

48VDC WITH INTEGRATED LED

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

TEENY

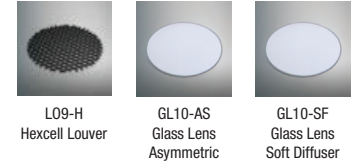
780 LM @ 3000K, 6 WATT

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


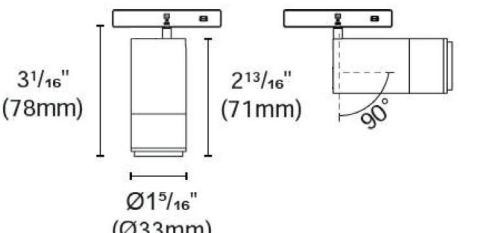
	TEENY					
COLOR TEMPERATURE	24K	27K	30K	30D	35K	40K
TOTAL LUMENS	667	674	702	414	805	849
WATTS	6	6	6	6	6	6
LUMENS PER WATT (lm/w)	111	112	117	69	134	142
CRI	93+	93+	93+	93+	93+	93+

Accessories:



TEENY ZOOM 15 DEGREES TO 50 DEGREES

540 LM @ 3000K, 6 WATT

System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	TEZ	6W	NSFL	30K	BK
MT48 Micro Track 48V	TEZ Teeny Zoom Trackhead	6W 6 Watts	NSFL Narrow Spot 15° to Flood 50°	30K 3000K Warm White	BK Black Powder Coat MW Matte White Powder Coat RAL 9003

	TEENY ZOOM	
Beam Angle	15°	60°
COLOR TEMPERATURE	30K	30K
TOTAL LUMENS	164	295
WATTS	6	6
LUMENS PER WATT (lm/w)	27	49
CRI	93	93

PROJECT	FIXTURE TYPE	DATE
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MTR48 TRACK HEADS

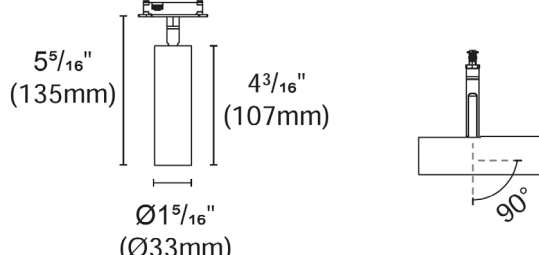
48VDC WITH INTEGRATED LED

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

SLIM

719 LM @ 3000K, 6 WATT

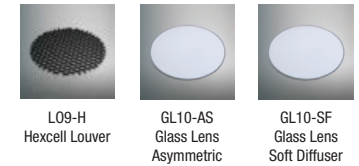




System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	SLM	6W	NF	30K	BK
MT48 Micro Track 48V	SLM Slim Trackhead	6W 6 Watts	NS Narrow Spot 15° SP Spot 24° NF Narrow Flood 36° FL Flood 50°	24K 2400K Amber White 27K 2700K Very Warm White 30K 3000K Warm White 30D 3000K Warm Dim 35K 3500K Neutral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

	SLIM					
COLOR TEMPERATURE	24K	27K	30K	30D	35K	40K
TOTAL LUMENS	586	592	617	414	708	747
WATTS	6	6	6	6	6	6
LUMENS PER WATT (lm/w)	98	99	103	69	118	124
CRI	93+	93+	93+	93+	93+	93+

Accessories:



PICO

1047 LM @ 3000K, 10 WATT





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

	PICO					
COLOR TEMPERATURE	24K	27K	30K	30D	35K	40K
TOTAL LUMENS	995	1005	1047	690	1201	1267
WATTS	10	10	10	10	10	10
LUMENS PER WATT (lm/w)	99	101	105	69	120	127
CRI	93+	93+	93+	93+	93+	93+

Accessories:





PROJECT		FIXTURE TYPE		DATE	
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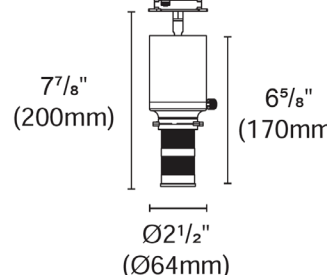
MTR48 TRACK HEADS

48VDC WITH INTEGRATED LED

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

FRAME 2
892 LM @ 3000K, 14 WATT 48V CLASS 2

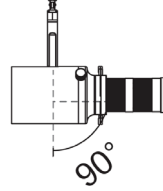





7⁷/₈"
(200mm)

6⁵/₈"
(170mm)


Ø2¹/₂"
(Ø64mm)




System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	FR2	14W	SPNF	30K	BK
MT48 Micro Track 48V	FR2 Frame 2 Trackhead	14W 14 Watts	SPNF Spot 20° to Narrow Flood 30°	24K 2400K Amber White 27K 2700K Very Warm White 30K 3000K Warm White 30D 3000K Warm Dim 35K 3500K Neutral White 40K 4000K Cool White	BK Black Powder Coat MW Matte White Powder Coat RAL 9003

	FRAME					
COLOR TEMPERATURE	24K	27K	30K	30D	35K	40K
TOTAL LUMENS	860	869	905	966	1038	1095
WATTS	14	14	14	14	14	14
LUMENS PER WATT (lm/w)	61	62	65	69	74	78
CRI	93+	93+	93+	93+	93+	93+

Accessories:




LF-FR2-BLU
LF-FR2-RED
LF-FR2-YLW



GB-FR2

Frame 2 Lens Film Color filter produces beams of light. Choose for any of Rosco Color films.
 Frame 2 Gobo lens projects your logo or design onto any surface. For custom Gobo, send your drawings and ideas to our design team: design@PureEdgeLighting.com

FLEX LINEAR LIGHT
5 WATT

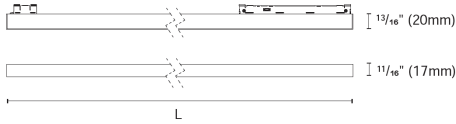


System	Fixture	Wattage	Length	Color Temperature
MT48	FNLNR2	5W	4FT	35K
MT48 Micro Track 48V	FNLNR2 Flex Linear Light	5W 5 Watts	4FT 4 Feet	35K 3500K

MTR48 TRACK HEADS

48VDC WITH INTEGRATED LED

LIGHT BAR

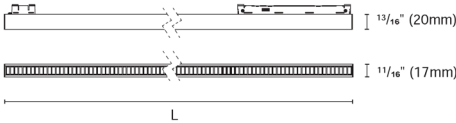
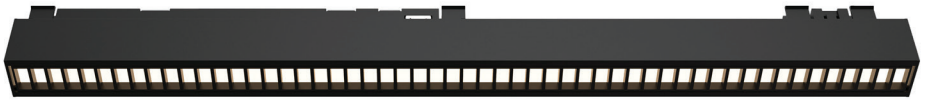


2417.217A: 11¹¹/₁₆" (297mm)
 2417.217B: 23³/₄" (590mm)
 2417.217C: 34¹³/₁₆" (884mm)

System	Fixture	Wattage	Color Temperature	Finish
MT48	LB	6W12	30K	BK
MT48 Micro Track 48V	LB Light Bar	6W12 6 Watts, 12" Length 11W24 11 Watts, 24" Length 17W36 17 Watts, 36" Length	30K 3000K Warm White	BK Black Powder Coat MW Matte White Powder Coat RAL 9003

	LIGHT BAR		
WATTS	6W	11W	17W
TOTAL LUMENS	400	800	1200

LIGHT BAR LOUVER



2417.218A: 11¹¹/₁₆" (297mm)
 2417.218B: 23³/₄" (590mm)
 2417.218C: 34¹³/₁₆" (884mm)

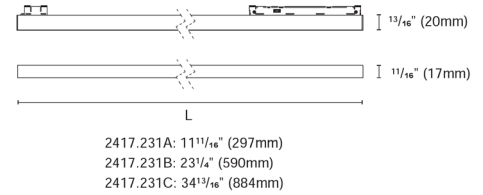
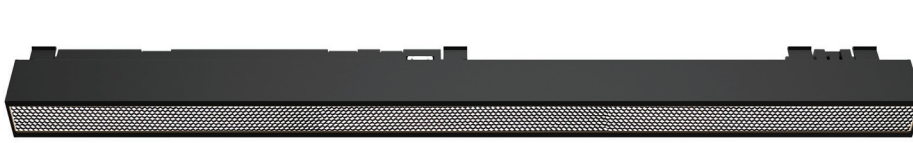
System	Fixture	Wattage	Color Temperature	Finish
MT48	LBL	6W12	30K	BK
MT48 Micro Track 48V	LBL Light Bar Louver	6W12 6 Watts, 12" Length 11W24 11 Watts, 24" Length 17W36 17 Watts, 36" Length	30K 3000K Warm White	BK Black Powder Coat MW Matte White Powder Coat RAL 9003

	LIGHT BAR LOUVER		
WATTS	6W	11W	17W
TOTAL LUMENS	129	258	387

MTR48 TRACK HEADS

48VDC WITH INTEGRATED LED

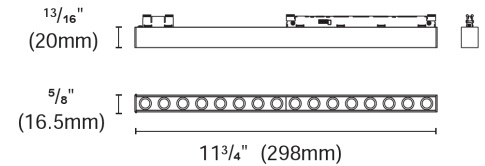
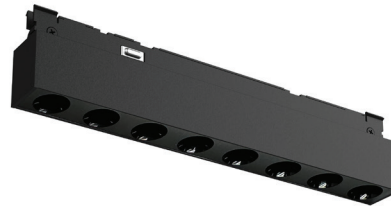
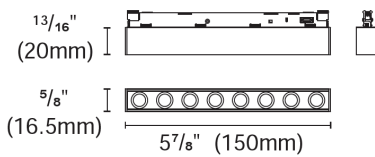
LIGHT BAR HEXCELL LOUVER



System	Fixture	Wattage	Color Temperature	Finish
MT48	LBH	6W12	30K	BK
MT48 Micro Track 48V	LBH Light Bar Hexcell Louver	6W12 6 Watts, 12" Length 11W24 11 Watts, 24" Length 17W36 17 Watts, 36" Length	30K 3000K Warm White	BK Black Powder Coat MW Matte White Powder Coat RAL 9003

LIGHT BAR WITH HEXCELL LOUVER			
WATTS	6W	11W	17W
TOTAL LUMENS	168	336	504

BAR ACCENT



System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	BA	9W6	NF	30K	BC
MT48 Micro Track 48V	BA Bar Accent	9W6 9 Watts, 6" Length 16W12 16 Watts, 12" Length	NF Narrow Flood	30K 3000K Warm White	BC Black Fixture Crystal Baffle MC Matte White Fixture Crystal Baffle

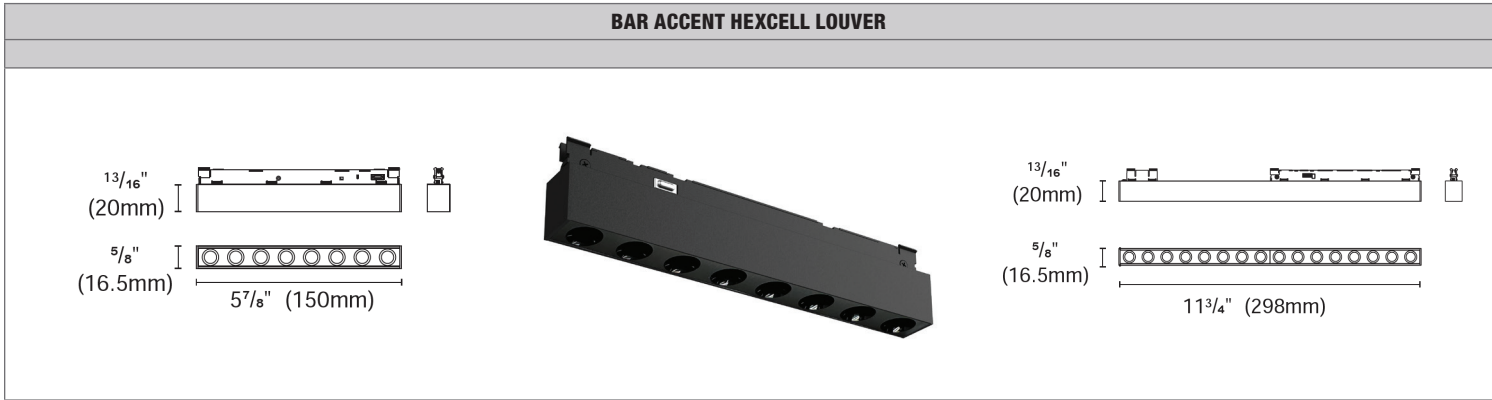
BAR ACCENT		
WATTS	9W	16W
TOTAL LUMENS	548	1047

Options:



MTR48 TRACK HEADS

48VDC WITH INTEGRATED LED



System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	BAH	9W6	NF	30K	BK
MT48 Micro Track 48V	BAH Bar Accent Hexcell Louver	9W6 9 Watts, 6" Length 16W12 16 Watts, 12" Length	NF Narrow Flood	30K 3000K Warm White	BC Black Fixture Crystal Baffle MC Matte White Fixture Crystal Baffle

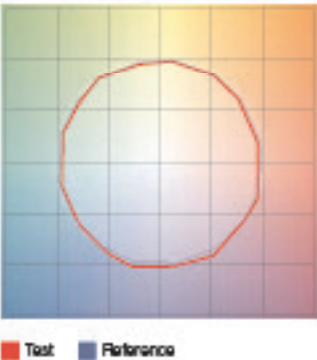
	BAR ACCENT WITH HEXCELL LOUVER	
WATTS	9W	16W
TOTAL LUMENS	270	514

Options:



TM30 DATA
48VDC WITH INTEGRATED LED

3000K | Rf: 98.1 | Rg: 99.7
Color Vector Graphic



GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	92.5	-5.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.0	-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	96.0	-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	5.0%	1.7%
13	93.0	2.6%	-2.7%
14	89.4	5.1%	-5.9%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%