

DESCRIPTION

MicroTrack™ Groove Suspension is a 48VDC suspension-mounted channel with a larger profile or 13/16" x 1 9/16", that is engineered to house our high-lumen Light Bars seamlessly within the track, alongside track heads, in a 48VDC Class 2 system. For a refined architectural look, each Track Channel includes a Slot Cover that conceals the copper bus bars and mounting hardware. 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 2 x 96W 48VDC Universal Remote Power Supplies up to 40' away with low voltage wire, before refeeding power
- Straight Channels are available in 4' (44") and 8' (92") lengths, with the ability to be cut in the field
- Includes 12 foot Suspension Cables, two Joiner Connectors, End caps, two Straight Connectors and a Black or Matte White opaque plastic Slot Cover to conceal the copper bus bars
- Curved Channels are available for Suspension Tracks in 12" and 20" radii

LAMP

- Lumens: Up to 1776 lm at 3000K
- Lumens Per Watt: Up to 127 lm/w at 3000K
- CRI: Minimum 90 color rendering index k
- CCT: 2400K, 2700K, 3000K, 3500K, 4000K (Warm Dim available for 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 or Matte White PVC
- Extruded Aluminum Channel, conductors are a pair of #12 Gauge Copper Bus Bars

POWER SUPPLY AND DIMMING (SOLD SEPARATELY)

- 2 x 96W 48VDC, Remote Power
- [48VDC UNI Driver: Universal Dimming](#) (ELV, TRIAC, 0-10V) ELV & TRIAC [Smart Dimmer & Switch](#)
 - [2-in-1 Power Driver and Dimmer](#)

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, Title 24

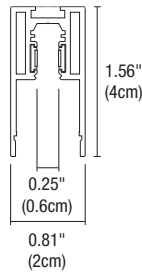
COMPONENTS

MICROTRACK™ GROOVE SUSPENSION CHANNEL



SLOT COVER PROVIDED

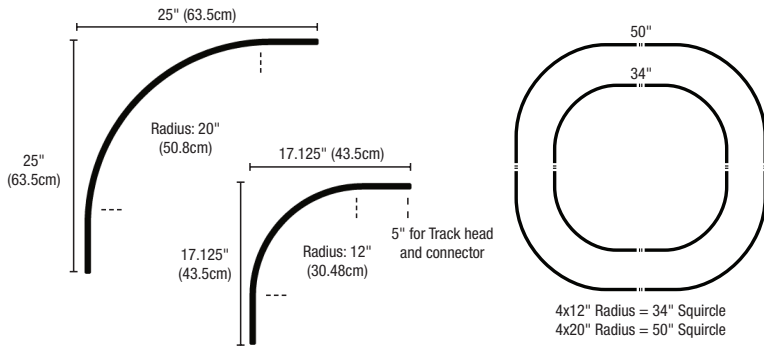
STRAIGHT CONNECTOR



STRAIGHT 1 CIRCUIT GROOVE CHANNEL

Extruded Aluminum Channel with a 12 gauge bus bar to help eliminate voltage drop. For use with 48VDC Remote Power Supply, sold separately. Includes a Joiner Connector, an End Cap, a Straight Connector, Suspension Cables for every 3ft of track, and a paintable opaque Slot Covers to conceal the copper bus bars and mounting screws.

System	Circuit	Length in Feet	Finish
MTGS48	1C	8FT	BK
MTGS48 MicroTrack Groove Suspension 48VDC	1C Single Circuit	4FT 44" 8FT 92"	BK Black MW Matte White RAL 9003

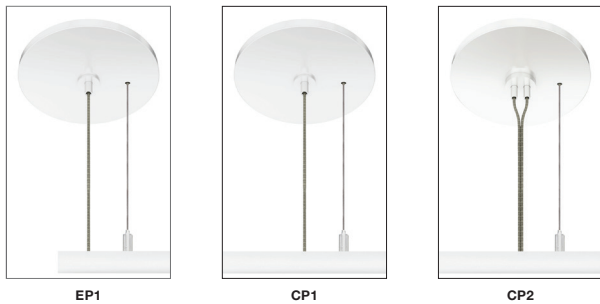


CURVE 1 CIRCUIT CHANNEL

May be used with Groove Flex Light. Comes with one Joiner, 12ft Suspension Cable, and a Straight Connector.

System	Circuit	Radius in Inches	Finish
MTGS48	1C	12R	BK
MTGS48 MicroTrack Groove Suspension Curved 48VDC*	1C Single Circuit	12R 12" Radius 20R 20" Radius	BK Black MW Matte White RAL 9003

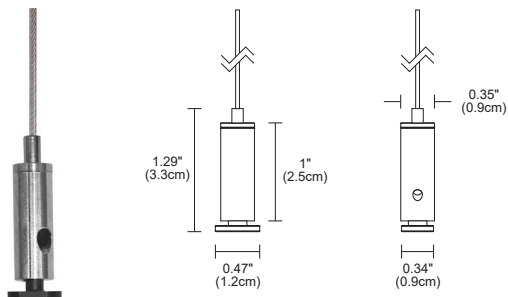
*Curved track is not compatible with a Slot Cover



SUSPENSION POWER FEEDS

The End Power Feed uses 48VDC 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). Includes a Joiner, Straight Connector, End Power, and a Slot Cover.

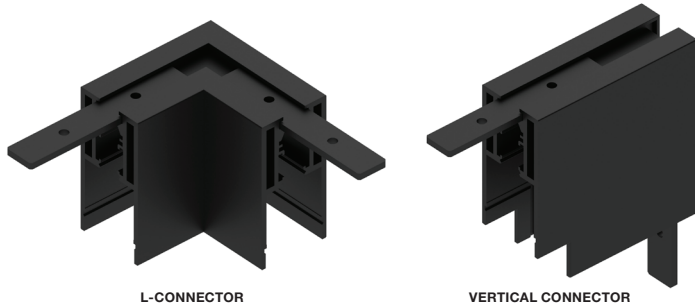
System	Circuit & Type	Canopy	Canopy & Track Finish
MTGS48	CP1	4RD	BK
MTGS48 MicroTrack Groove Suspension 48VDC	EP End Power Feed Single Circuit, 12" long track CP1 Center Power Feed Single Circuit, 12" long track CP2 Two Center Power Feeds both directions, 12" long track	4RD 4" Round Junction Box Cover with 12' Suspension Cable	BK Black MW Matte White RAL 9003



SUSPENSION CABLES & MOUNTING CLIP

Suspension Mounting Clip suspends the track up to 12ft from the ceiling. One included for every 3ft of track.

System	Type	Finish
MTS48	MCL	CH
MTS48 MicroTrack Suspension 48VDC	MCL Mounting Clip with 12' Suspension Cable	CH Chrome



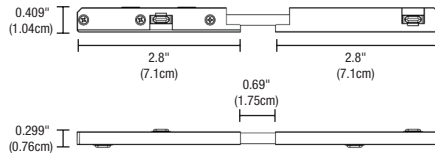
L-SHAPED / VERTICAL CONNECTORS

L-Shaped and Vertical 48VDC Connector joins two sections of track at 90°

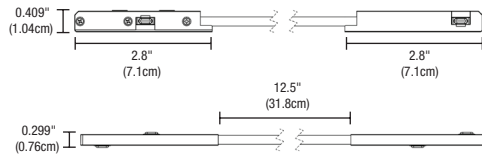
System	Circuit	Type	Finish
MTG48	1C	LC	BK
MTG48 MicroTrack Groove 48VDC	1C Single Circuit	LC L-Connector Conductive LNC L-Connector Non-Conductive VC Vertical Connector Conductive VNC Vertical Connector Non-Conductive	BK Black MW Matte White RAL 9003

FLEX CONNECTOR

Flexible 48VDC Connector joins two sections of track at any angle.

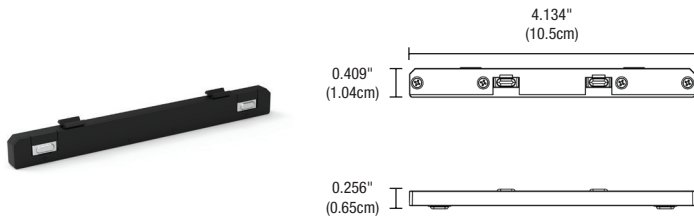


System	Circuit	Type	Finish
MT48	1C	FXC	BK
MT48 MicroTrack 48VDC	1C Single Circuit	FXC Flex Connector, 5/8" length	BK Black MW Matte White RAL 9003



System	Circuit	Type	Finish
MT48	1C	FXCL	BK
MT48 MicroTrack 48VDC	1C Single Circuit	FXCL Flex Connector Long, 12" length	BK Black MW Matte White RAL 9003

ADDITIONAL PARTS



STRAIGHT CONNECTOR (INCLUDED WITH EACH TRACK)

Straight 48VDC Connector joins two track sections end to end and is concealed by the slot covers.

System	Circuit	Type	Finish
MT48	1C	SC	BK
MT48 MicroTrack 48VDC	1C Single Circuit	SC Straight Connector Conductive SNC Straight Connector Non-Conductive	BK Black MW Matte White RAL 9003

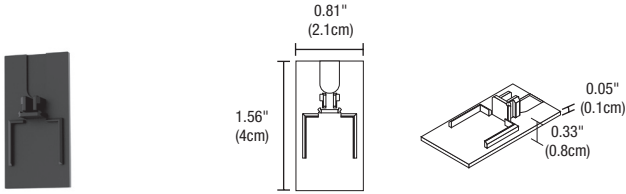
SUSPENSION POWER FEED CONNECTOR (INCLUDED IN POWER CANOPY)

Includes 12ft power cable.



System	Circuit	Type	Finish
MTS48	1C	EP	BK
MTS48 MicroTrack Suspension 48VDC	1C Single Circuit	EP End Power Feed	BK Black MW Matte White RAL 9003

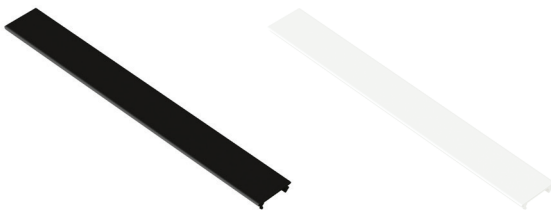
END CAP (INCLUDED WITH EACH TRACK)



System	Circuit	Type	Finish
MTG48	1C	CA	BK
MTG48 MicroTrack Groove 48VDC	1C Single Circuit	CA End Cap	BK Black MW Matte White RAL 9003

OPAQUE SLOT COVER (INCLUDED WITH EACH TRACK)

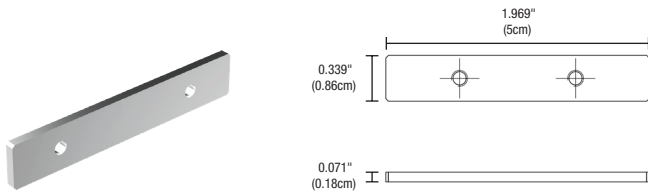
Slot Covers included to conceal conductors and track slots.



System	Type	Length in Feet	Cover Color
MTG48	SCO	8FT	BK
MTG48 MicroTrack Groove 48VDC	SCO Opaque Cover for Track Slot	8FT 8'	BK Black MW Matte White RAL 9003

REINFORCEMENT JOINER (INCLUDED WITH EACH TRACK)

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



System	Type
MT48	J1
MT48 MicroTrack 48VDC	J1 Reinforcement Joiner

PureEdge MT48 Track Heads are compatible with all MicroTrack™ Systems. May also be ordered with a [MonoPoint Canopy](#).

SLIM

671 LM @ 3000K, 6 WATT, TITLE 24

*For lenses and lens accessories, refer to the accessories page

System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	SLM	6W	NF	30K	BK
MT48 MicroTrack 48VDC	SLM Slim Track Head	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 dims to 1800K 35K 3500K Neutral White 40K 4000K Cool White <small>*Not compatible with the NS (15°) lens</small>	BK Black Powder Coat MW Matte White Powder Coat RAL 9003 SB Satin Brass SN Satin Nickel

	SLIM (WITH NARROW SPOT 15° LENS)					
COLOR TEMPERATURE	24K	27K	30K	30D	35K	40K
TOTAL LUMENS	637	644	671	505	770	812
WATTS	6	6	6	6	6	6
LUMENS PER WATT (lm/w)	106	107	112	84	128	135
CRI	95+	95+	95+	95+	95+	95+

PICO & PICO ZOOM

965 LM @ 3000K, 10 WATT, TITLE 24 (PICO) / 750 LM @ 3000K, 10 WATTS, TITLE 24 (PICO ZOOM)

*For lenses and lens accessories, refer to the accessories page

System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	PCO	10W	FL	30K	BK
MT48 MicroTrack 48VDC	PCO Pico Track Head PCZ Pico Zoom Track Head, Beam Spread NSFL 15°-50°	10W 10 Watts	NS Narrow Spot 15° SP Spot 24° NF Narrow Flood 36° FL Flood 50° NSFL Narrow Spot 15° to Flood 50° (Pico Zoom Only)	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, Matte White stem SB* Satin Brass SN* Satin Nickel

*Not available with Pico Zoom

	PICO (WITH SPOT 24° LENS)						PICO ZOOM (WITH 50° BEAM SPREAD)					
COLOR TEMPERATURE	24K	27K	30K	30D	35K	40K	24K	27K	30K	30D	35K	40K
TOTAL LUMENS	917	926	965	853	1107	1168	713	720	750	578	860	908
WATTS	10	10	10	10	10	10	11	11	11	11	11	11
LUMENS PER WATT (lm/w)	92	93	97	85	111	117	65	65	68	53	78	83
CRI	97+	97+	97+	97+	97+	97+	97+	97+	97+	97+	97+	97+

PureEdge MT48 Track Heads are compatible with all MicroTrack™ Systems.

POP & POP ZOOM

1865 LM @ 3000K, 15 WATT, TITLE 24 (POP) / 1062 LM @ 3000K, 15 WATT, TITLE 24 (POP ZOOM)

*For lenses and lens accessories, refer to the accessories page

System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	POP	15W	NS	30K	BK
MT48 MicroTrack 48VDC	POP Pop Track Head POZ Pop Zoom Track Head, Beam Spread NSFL 15°-50°	15W 15 Watts	NS Narrow Spot 15° SP Spot 24° NF Narrow Flood 35° FL Flood 50° NSFL Narrow Spot 15° to Flood 50° (Pop Zoom Only)	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, Matte White stem SB* Satin Brass SN* Satin Nickel

*Not compatible with FL (50°) lens *Not available with Pop Zoom

	POP (WITH FLOOD 50° LENS)						POP ZOOM (WITH 50° BEAM SPREAD)					
COLOR TEMPERATURE	24K	27K	30K	30D*	35K	40K	24K	27K	30K	30D	35K	40K
TOTAL LUMENS	1772	1790	1865	1051	2140	2257	1009	1020	1062	878	1218	1285
WATTS	15	15	15	12	15	15	15	15	15	15	15	15
LUMENS PER WATT (lm/w)	118	119	124	88	143	150	67	68	71	55	81	86
CRI	95+	95+	95+	97+	95+	95+	98+	98+	98+	98+	98+	98+

*30D - Warm Dim (12 Watts), Narrow Flood 35° Lens

FRAME 1 & 2

570 LM @ 3000K, 10 WATT 48VDC CLASS 2, TITLE 24 (FRAME 1) / 571 LM @ 3000K, 15 WATT 48V CLASS 2, TITLE 24 (FRAME 2)

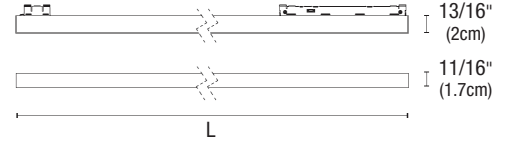
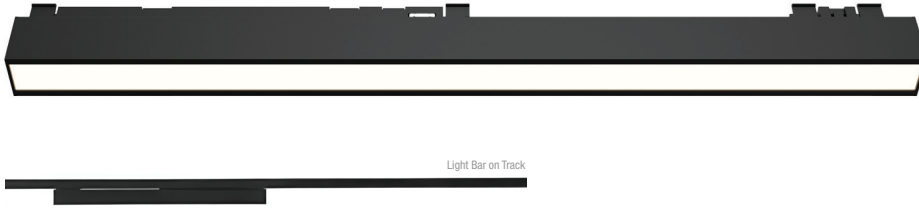
*For color filters and Gobo lenses, refer to the accessories page

System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	FRM2	15W	SPNF	30K	BK
MT48 MicroTrack 48VDC	FRM1 Frame 1 Track Head FRM2 Frame 2 Track Head	10W 10 Watts 15W 15 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 1 (WITH 30° BEAM SPREAD)						FRAME 2 (WITH 30° BEAM SPREAD)					
COLOR TEMPERATURE	24K	27K	30K	30D	35K	40K	24K	27K	30K	30D	35K	40K
TOTAL LUMENS	542	547	570	439	654	690	542	548	571	440	655	691
WATTS	10	10	10	11	10	10	15	15	15	14	15	15
LUMENS PER WATT (lm/w)	54	55	57	40	65	69	36	37	38	31	44	46
CRI	97+	97+	97+	97+	97+	97+	97+	97+	97+	97+	97+	97+

LIGHT BAR

400 LM @ 3000K, 6 WATT, 12" LENGTH, TITLE 24



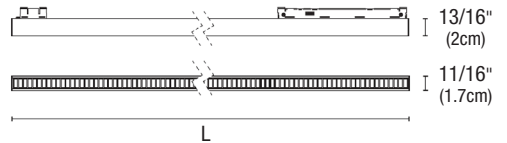
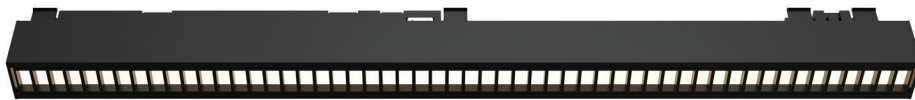
6W12: 11-11/16" (29.7cm)
11W24: 23-1/4" (59cm)
17W36: 34-13/16" (88.4cm)

System	Fixture	Wattage	Color Temperature	Finish
MT48	LB	6W12	30K	BK
MT48 MicroTrack 48VDC	LB Light Bar	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

WATTAGE	LIGHT BAR WITH 140° LENS											
	6W - 12" (11-11/16")				11W - 24" (23-1/4")				17W - 36" (34-13/16")			
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

129 LM @ 3000K, 6 WATT, 12" LENGTH, TITLE 24



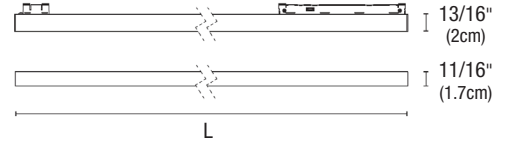
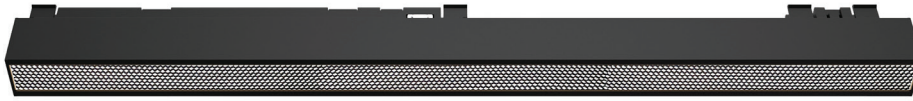
6W12: 11-11/16" (29.7cm)
11W24: 23-1/4" (59cm)
17W36: 34-13/16" (88.4cm)

System	Fixture	Wattage	Color Temperature	Finish
MT48	LBL	6W12	30K	BK
MT48 MicroTrack 48VDC	LBL Light Bar 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

WATTAGE	LIGHT BAR LOUVER & 120° LENS											
	6W - 12" (11-11/16")				11W - 24" (23-1/4")				17W - 36" (34-13/16")			
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+

LIGHT BAR HEXCELL LOUVER

168 LM @ 3000K, 6 WATT, 12" LENGTH, TITLE 24



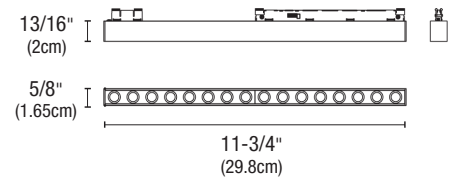
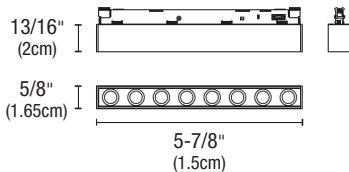
6W12: 11-11/16" (29.7cm)
11W24: 23-1/4" (59cm)
17W36: 34-13/16" (88.4cm)

System	Fixture	Wattage	Color Temperature	Finish
MT48	LBH	6W12	30K	BK
MT48 MicroTrack 48VDC	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

WATTAGE	LIGHT BAR WITH HEXCELL LOUVER & 120° LENS											
	6W - 12" (11-11/16")				11W - 24" (23-1/4")				17W - 36" (34-13/16")			
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

548 LM @ 3000K, 9 WATT, 6" LENGTH, TITLE 24

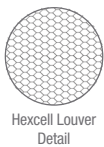
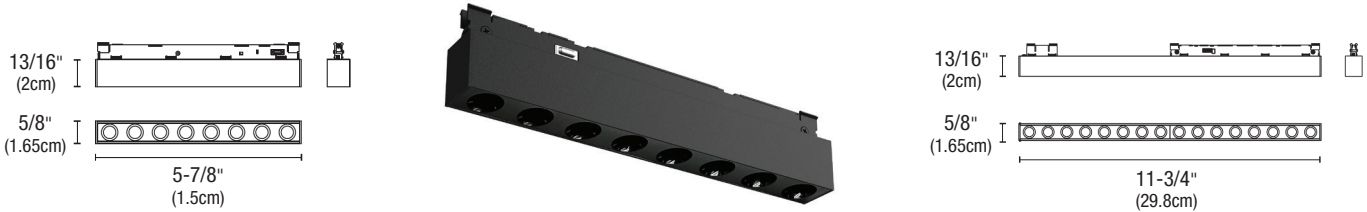


System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	BA	9W6	NF	30K	BB
MT48 MicroTrack 48VDC	BA Bar Accent	9W6 9 Watts, 6" Length 16W12 16 Watts, 12" Length	NF Narrow Flood 30°	27K 2700K Very Warm White 30K 3000K Warm White 35K 3500K Neutral White 40K 4000K Cool White	BB Black Fixture Black Baffle BC Black Fixture Crystal Baffle BG Black Fixture Gold Baffle MB Matte White Fixture Black Baffle MC Matte White Fixture Crystal Baffle MG Matte White Fixture Gold Baffle

WATTAGE	LIGHT BAR ACCENT WITH 30° LENS							
	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+

LIGHT BAR ACCENT HEXCELL LOUVER

270 LM @ 3000K, 9 WATT, 16" LENGTH, TITLE 24



System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	BAH	9W6	NF	30K	BB
MT48 MicroTrack 48VDC	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	BB Black Fixture Black Baffle BC Black Fixture Crystal Baffle BG Black Fixture Gold Baffle MB Matte White Fixture Black Baffle MC Matte White Fixture Crystal Baffle MG Matte White Fixture Gold Baffle

WATTAGE	LIGHT BAR ACCENT WITH HEXCELL LOUVER & 30° LENS							
	9W				16W			
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 ACCENT TILT

548 LM @ 3000K, 9 WATT, 6" LENGTH, TITLE 24

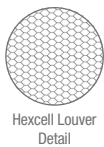
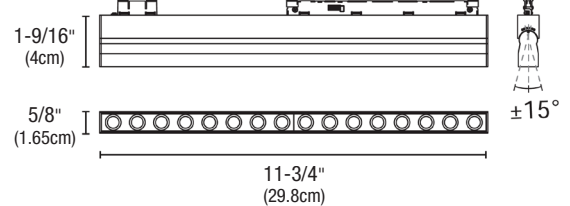
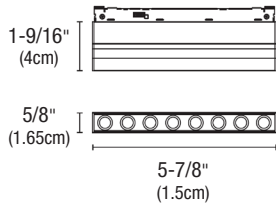


System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	BAT	9W6	NF	30K	BB
MT48 MicroTrack 48VDC	BAT Bar Accent Tilt	9W6 9 Watts, 6" Length 16W12 16 Watts, 12" Length	NF Narrow Flood 30°	27K 2700K Very Warm White 30K 3000K Warm White 35K 3500K Neutral White 40K 4000K Cool White	BB Black Fixture Black Baffle BC Black Fixture Crystal Baffle BG Black Fixture Gold Baffle MB Matte White Fixture Black Baffle MC Matte White Fixture Crystal Baffle MG Matte White Fixture Gold Baffle

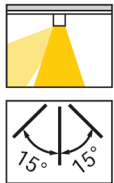


WATTAGE	LIGHT BAR ACCENT ROTATABLE WITH 30° LENS							
	9W				16W			
COLOR TEMPERATURE	27K	30K	35K	40K	27K	30K	35K	40K
TOTAL LUMENS	526	548	629	663	1005	1047	1201	1267
LUMENS PER WATT (lm/w)	88	91	105	111	168	175	200	211
CRI	90+	90+	90+	90+	90+	90+	90+	90+

LIGHT BAR ACCENT TILT HEXCELL LOUVER
270 LM @ 3000K, 9 WATT, 16" LENGTH, TITLE 24



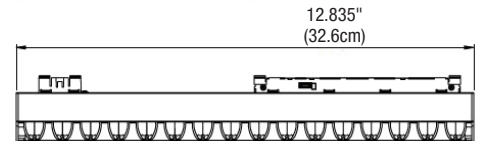
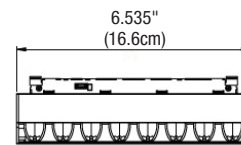
System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	BATH	9W6	NF	30K	BB
MT48 MicroTrack 48VDC	BATH Bar Accent Tilt Hexcell Louver	9W6 9 Watts, 6" Length 16W12 16 Watts, 12" Length	NF Narrow Flood 30°	27K 2700K Very Warm White 30K 3000K Warm White 35K 3500K Neutral White 40K 4000K Cool White	BB Black Fixture Black Baffle BC Black Fixture Crystal Baffle BG Black Fixture Gold Baffle MB Matte White Fixture Black Baffle MC Matte White Fixture Crystal Baffle MG Matte White Fixture Gold Baffle



WATTAGE	LIGHT BAR ACCENT ROTATABLE WITH HEXCELL LOUVER & 30° LENS							
	9W				16W			
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

548 LM @ 3000K, 9 WATT, 16" LENGTH, TITLE 24



System	Fixture	Wattage	Color Temperature	Finish
MT48	BWW	9W6	30K	BK
MT48 MicroTrack 48VDC	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

WATTAGE	LIGHT BAR WALL WASH							
	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+



MT48 MicroTrack™ TRACK HEADS

48VDC WITH INTEGRATED LED, ETL LISTED

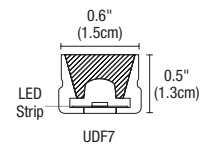
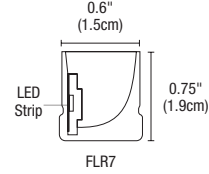
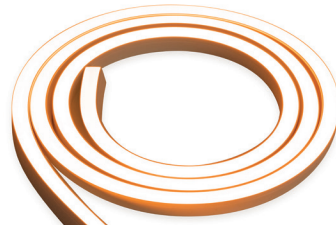


PROJECT
FIXTURE TYPE
DATE

REV 12.31.25

GROOVE FLEX LIGHT

320/490 LM/FT @ 3000K, 5 WATT, TITLE 24



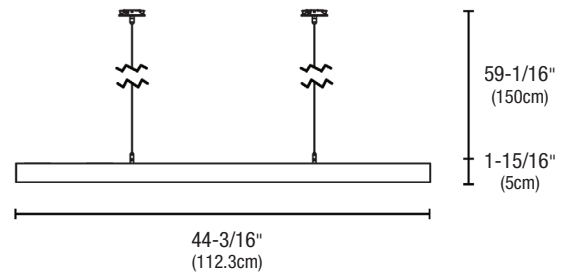
System	Fixture	Wattage	Length	Color Temperature
MTG48 MicroTrack Groove 48VDC	FLR7 Flex Light Bends Left/Right, 320 Lm/ft @ 3000K Curved or Straight Runs	5W 5 Watts	20FT 1-20 Feet	30K 2700K Very Warm White 27D 2700K Dims to 2000K 30K 3000K Warm White 35K 3500K Neutral White
	FUD7 Flex Light Bends Up/Down, 490 Lm/ft @ 3000K Straight Runs Only			

WATTAGE	GROOVE FLEX LIGHT							
	5W - FLR7				5W - FUD7			
COLOR TEMPERATURE	27K	27D*	30K	35K	27K	27D*	30K	35K
TOTAL LUMENS	212	252	221	254	297	353	310	355
LUMENS PER WATT (lm/w)	48	53	50	58	68	74	70	81
CRI	92+	94+	92+	92+	92+	94+	92+	92+

*27D - Warm Dim (4.8 Watts)

HILO PENDANT

350 LM @ 3000K, 12 WATT

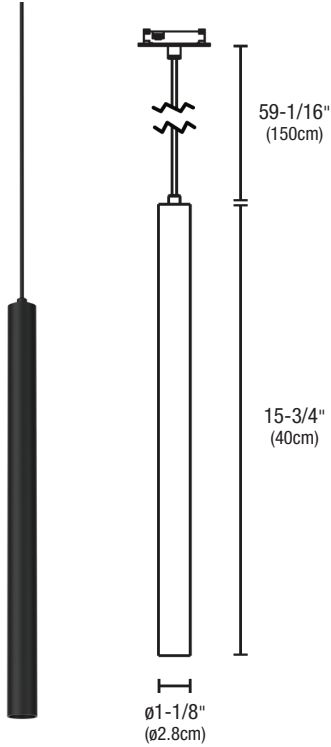


System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48 MicroTrack 48VDC	HLP HiLo Pendant	12W 12 Watts	VW Very Wide 100°	30K 2700K Very Warm White 30K 3000K Warm White 35K 3500K Neutral White 40K 4000K Cool White	BK Black Powder Coat MW Matte White Powder Coat RAL 9003

WATTAGE	HILO PENDANT			
	12W			
COLOR TEMPERATURE	27K	30K	35K	40K
TOTAL LUMENS	336	350	403	424
LUMENS PER WATT (lm/w)	28	29	34	35
CRI	90+	90+	90+	90+

TOTEM PENDANT

596 LM @ 3000K, 7 WATT

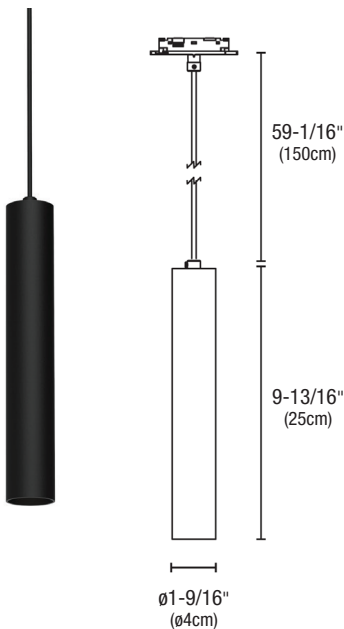


System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	TTP	7W	SP	30K	BK
MT48 MicroTrack 48VDC	TTP Totem Pendant	7W 7 Watts	SP Spot 20° NF Narrow Flood 24° FL Flood 36° WF Wide Flood 56°	27K 2700K Very Warm White 30K 3000K Warm White 35K 3500K Neutral White 40K 4000K Cool White	BK Black MW Matte White

		TOTEM PENDANT			
WATTAGE		7W			
COLOR TEMPERATURE		27K	30K	35K	40K
TOTAL LUMENS		572	596	685	721
LUMENS PER WATT (lm/w)		82	85	98	103
CRI		90+	90+	90+	90+

TOWER PENDANT

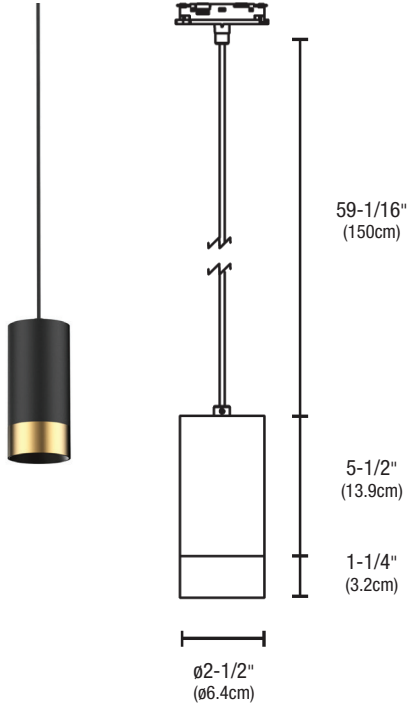
707 LM @ 3000K, 7 WATT



System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	TOP	7W	SP	30K	BK
MT48 MicroTrack 48VDC	TOP Tower Pendant	7W 7 Watts	SP Spot 20° NF Narrow Flood 24° FL Flood 36° WF Wide Flood 47°	27K 2700K Very Warm White 30K 3000K Warm White 35K 3500K Neutral White 40K 4000K Cool White	BK Black MW Matte White

		TOTEM PENDANT			
WATTAGE		7W			
COLOR TEMPERATURE		27K	30K	35K	40K
TOTAL LUMENS		679	707	813	855
LUMENS PER WATT (lm/w)		97	101	116	122
CRI		90+	90+	90+	90+

MIDAS PENDANT
1776 LM @ 3000K, 15 WATT

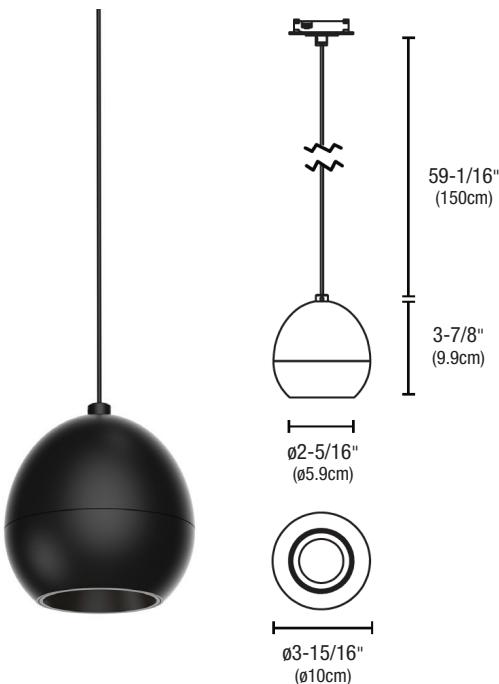


System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	MIP	15W	SP	30K	BSB
MT48 MicroTrack 48VDC	MIP Midas Pendant	15W 15 Watts	SP Spot 20° NF Narrow Flood 25° FL Flood 38° WF Wide Flood 50°	27K 2700K Very Warm White 30K 3000K Warm White 35K 3500K Neutral White 40K 4000K Cool White	BK Black MW Matte White BSB Black and Satin Brass

		MIDAS PENDANT			
WATTAGE		15W			
COLOR TEMPERATURE		27K	30K	35K	40K
TOTAL LUMENS		1705	1776	2042	2149
LUMENS PER WATT (lm/w)		114	118	136	143
CRI		90+	90+	90+	90+

*For lens accessories, refer to the accessories page

DROP PENDANT
1755 LM @ 3000K, 15 WATT



System	Fixture	Wattage	Beam Spread	Color Temperature	Finish
MT48	DP	15W	SP	30K	BK
MT48 MicroTrack 48VDC	DP Drop Pendant	15W 15 Watts	SP Spot 20° NF Narrow Flood 25° FL Flood 38° WF Wide Flood 50°	27K 2700K Very Warm White 30K 3000K Warm White 35K 3500K Neutral White 40K 4000K Cool White	BK Black MW Matte White

		DROP PENDANT			
WATTAGE		15W			
COLOR TEMPERATURE		27K	30K	35K	40K
TOTAL LUMENS		1685	1755	2018	2124
LUMENS PER WATT (lm/w)		112	117	135	142
CRI		90+	90+	90+	90+

Accessories

	SLIM OPTICAL LENS	GLASS LENS	LOUVER	FOCUS LENS	LINEAR SPREAD FILM
ORDERING CODE	(STATIC WHITE) 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				
DESCRIPTIONS	NS (15°), SP (24°), NF (36°), FL (50°)	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°, 24°.

	PICO OPTICAL LENS	GLASS LENS	LOUVER	FOCUS LENS	LINEAR SPREAD FILM
ORDERING CODE	(STATIC WHITE) OPL-PCO-NS-SW OPL-PCO-SP-SW OPL-PCO-NF-SW OPL-PCO-FL-SW	(WARM DIM) OPL-PCO-NS-WD OPL-PCO-SP-WD OPL-PCO-NF-WD OPL-PCO-FL-WD	GL10-VLS	LF10-SF (SOFT FOCUS), LF10-MF (MEDIUM FOCUS), LF10-WF (WIDE FOCUS)	LF10-LS
LENS SIZE	ø2" (5.1cm) Diameter				
DESCRIPTIONS	NS (18°), SP (24°), NF (40°), FL (50°)	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°, 18°, 24°.

	POP OPTICAL LENS	GLASS LENS	LOUVER	FOCUS LENS	LINEAR SPREAD FILM	SNOOT		
ORDERING CODE	(STATIC WHITE) OPL-POP-NS-SW OPL-POP-SP-SW OPL-POP-NF-SW OPL-POP-FL-SW	(WARM DIM) OPL-POP-NS-WD OPL-POP-SP-WD OPL-POP-NF-WD OPL-POP-FL-WD	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							
DESCRIPTIONS	NS (15°), SP (24°), NF (36°), FL (50°)	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	

*Cannot be used in Groove Track

Accessories

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

FRAME 1 & 2		LENS FILM COLOR FILTER		GOBO LENS	
ACCESSORIES FOR FRAME 1 & 2		(FRAME COLOR LENS)		(FRAME GOBO LENS)	
		LF-FRM1-BLU LF-FRM1-RED LF-FRM1-YLW	LF-FRM2-BLU LF-FRM2-RED LF-FRM2-YLW	(FRAME 1) GB-FRM1	(FRAME 2) GB-FRM2
LENS SIZE	ø2-1/2" (6.4cm) Diameter	Frame 1 & 2 Lens Film Color filter produces beams of light. Choose for any of Rosco Color films. Custom color filters available.		Frame 1 & 2 with a Gobo lens projects your logo or design onto any surface using full color options. For custom Gobo, send your drawings and ideas to our design team: design@PureEdgeLighting.com	

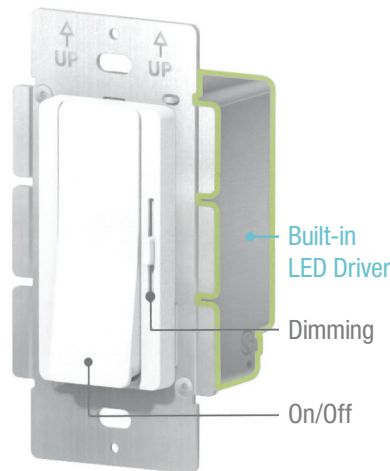
MIDAS PENDANT		LOUVER	FOCUS LENS	LINEAR SPREAD FILM
ACCESSORIES FOR MIDAS PENDANT		L016-H	LF16-SF (SOFT FOCUS), LF16-MF (MEDIUM FOCUS), LF16-WF (WIDE FOCUS)	LF16-LS
LENS SIZE	ø2-1/2" (6.4cm) Diameter	Hexcell louver eliminates glare. 2" Dia.	Soft focus lens is included with every track head. Diffuses 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°.

PDW-100W-DIM-48VDC-WH

2-IN-1 POWER DRIVER AND DIMMER



PDW-100W-DIM-48VDC-WH



DESCRIPTION

Power Dim 2-in-1 is a dimmer with an integrated LED driver that converts 120VAC to low-voltage 48VDC (up to 96W). Designed for installation in a standard single-gang electrical box, it eliminates the need for separate remote drivers, simplifying installation to provide an option that is as cost-effective as it is time efficient.

PureEdge Lighting's Power Driver combines an ELV dimmer and driver in a single, wall-mounted unit. Kit includes driver/dimmer, faceplate, and mounting hardware.

The integrated design delivers smooth, flicker-free dimming and avoids driver/switch compatibility issues. Features soft start and built-in short-circuit, overload, and thermal protection. Indoor use only.

For custom quotes and layout assistance, send drawings to design@PureEdgeLighting.com.

INTEGRATED DESIGN

- Combines LED driver and dimmer into a single device
- Soft start
- Short circuit protection
- Overload protection
- Thermal overload protection
- Utilizes 6" wire leads

APPLICATIONS

Indoor

MOUNTING

Fits into a standard single-gang wall box, standard hardwire connection

POWER INPUT

- 120VAC
- Power Factor @ full load: >0.99
- THD (Typ.) @ full load: ≤10%
- Efficiency @ full load: 91.0%
- AC Current (Max.): 0.9A

POWER OUTPUT

- Class 2; 48 volts DC
- 96 watts maximum
- Voltage Tolerance: ±0.5V
- Rated current: 4A

DIMENSIONS

4.13" x 2.12" x 1.99"

COMPLIANCE

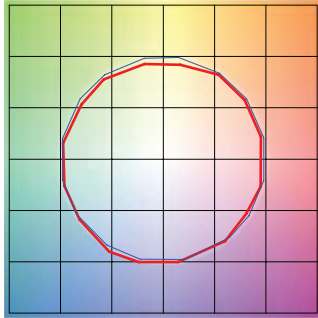
Class 2, UL, RoHS

Product	Wattage	Control Type	Voltage	Finish
PDW	100W	DIM	48VDC	WH
PDW Power Wall Dimmer	100W 100 Watts	DIM DIM Static White	48VDC 48 Volt DC	WH White

TM30 DATA
48VDC WITH INTEGRATED LED

2400K | Rf: 84.5 | Rg: 94.4

Color Vector Graphic

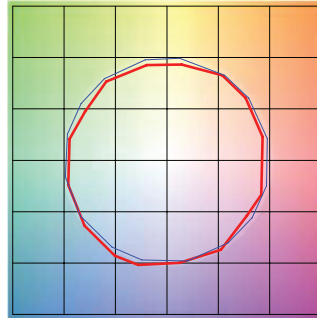


■ Test ■ Reference

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

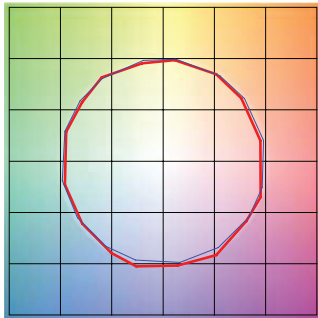


■ Test ■ Reference

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

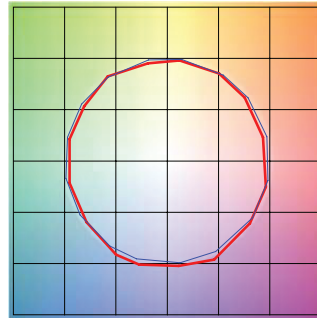


■ Test ■ Reference

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

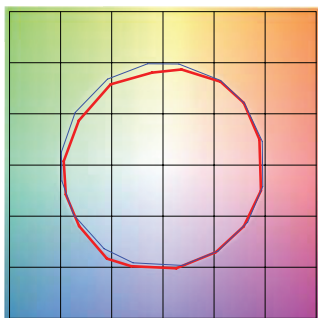


■ Test ■ Reference

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%