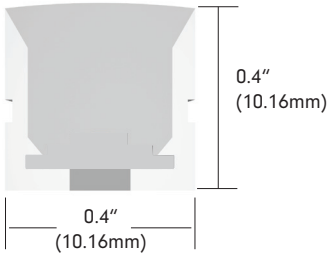
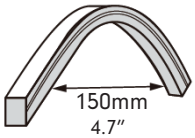
Project: _____ Type: _____

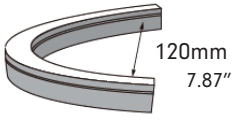
- Bends in both vertical and horizontal plain
- Mini profile of 0.4" x 0.4"
- Constructed using flexible SMD LEDs with zero voltage drop for reliability and uniformity of light
- Long-life LEDs with tight cutting increments for precise field installation
- UV Stabilized for exterior use with silicone housing (no yellowing or cracking)
- IK07 Rating - protected against 2 joules impact
- Dot free and perfectly homogeneous linear LED light.
- IP67 Rating
- Low Voltage 24V DC
- 5 Year warranty

Dimensions





Vertical Bend



Horizontal Bend

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Order Guide

NOTE: Lengths and quantity of each run must be submitted at time of order.
TRACE is factory prep only. In-field cutting will void warranty.

PRODUCT CODE		INTENSITY		PROFILE		LED COLOR		VOLTAGE
TRCEM	-		-	**DB**	-		-	**24**
TRCEM = TRACE Mini Flexible Light		**L** = Low Output **S** = Standard Output		**DB** = Duo Bend		**22** = 2200K **27** = 2700K **30** = 3000K **40** = 4000K		**24** = 24V DC

Specification

Low Brightness				
Available CCT	2200K	2700K	3000K	4000K
Lumens (lm/ft)	CF	CF	CF	CF
Beam Angle	120			
Efficacy (lm/W)	CF	CF	CF	CF
CRI	CF			
Power (W/ft)	1.5			
Max Mechanical Run	32.8′			
Max Electrical Run	58′			

Standard Brightness				
Available CCT	2200K	2700K	3000K	4000K
Lumens (lm/ft)	CF	179.8	182.9	210.3
Beam Angle	120			
Efficacy (lm/W)	CF	73.9	75.26	86.54
CRI	>90			
Power (W/ft)	2.43			
Max Mechanical Run	32.8′			
Max Electrical Run	38′			

Electrical (Based on Standard Output)	
Dimming	TRIAC, ELV, MLV, 0-10V, DMX
Input Voltage	24V DC
Physical	
Dimensions	0.4″ x 0.4″ (±0.5mm)
Cutting Increments	3.93″
Material	UV, Solvent, Saltwater resistant silicone
Wire Exit Options	Front, Side, Bottom
LED PIN Temperature	65°C / 149°F
Storage Temperature	-25°C / -13°F - 60°C / 140°F
Ambient Temperature	Ta_{min} = -25°C / -13°F, Ta_{max}
Certification and Testing	
Certification	cULus, CE, RoHS
Environment	Wet Location
IP Rating	IP67
Warranty	5 Years

- Maximum Run length refers to single side feed in serial connection
- The given color temperature is the strip (after coating) color temperature
- The given data are typical values due to the tolerances of the production process and electrical components; values for the light output and electrical power can vary up to 10%

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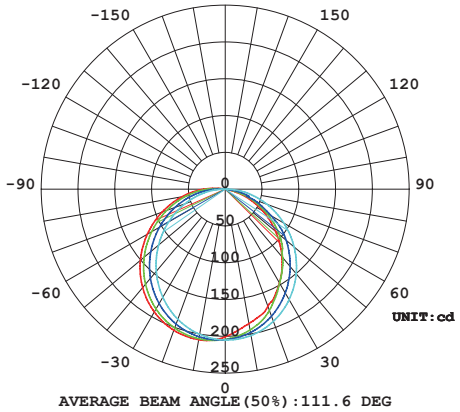
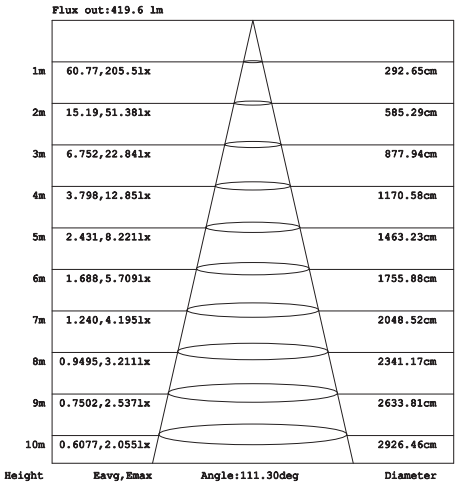
Photometrics (1 Meter)

2700K

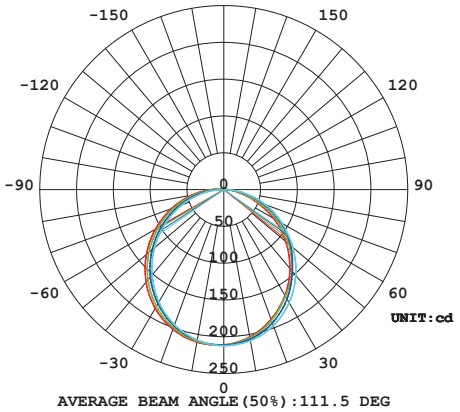


AVERAGE BEAM ANGLE(50%):111.6 DEG

C0/180,111.3 Ic=207.7
C30/210,111.4 Ic=206.6
C60/240,112.0 Ic=205.2
C90/270,111.9 Ic=205.0

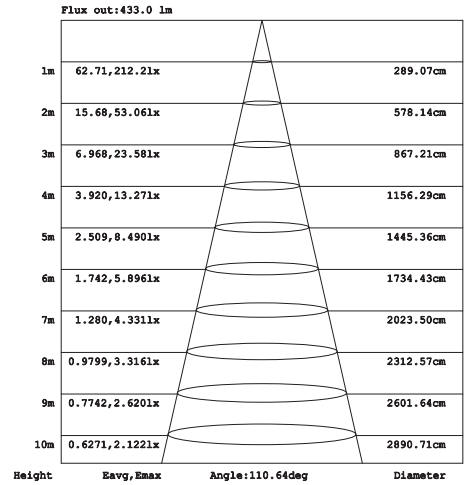


3000K

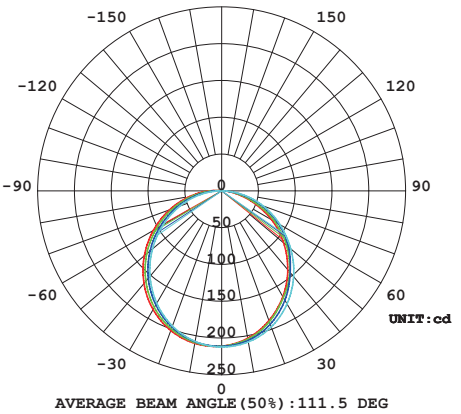


AVERAGE BEAM ANGLE(50%):111.5 DEG

C0/180,111.7 Ic=211.7
C30/210,112.0 Ic=211.3
C60/240,111.6 Ic=211.3
C90/270,110.6 Ic=212.1

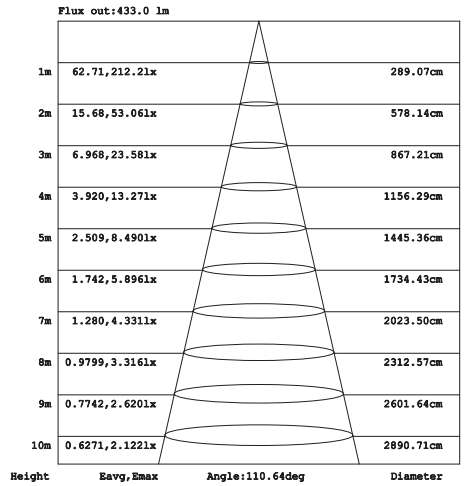


4000K



AVERAGE BEAM ANGLE(50%):111.5 DEG

C0/180,111.7 Ic=211.7
C30/210,112.0 Ic=211.3
C60/240,111.6 Ic=211.3
C90/270,110.6 Ic=212.1



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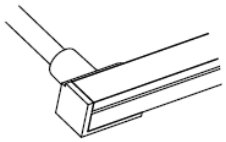
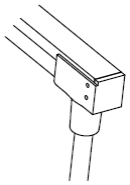
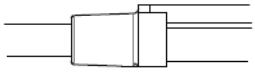
Power Lead and End Caps



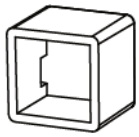
TRACE MINI DUO - SIDE
5′ Power Lead Cable with End Cap



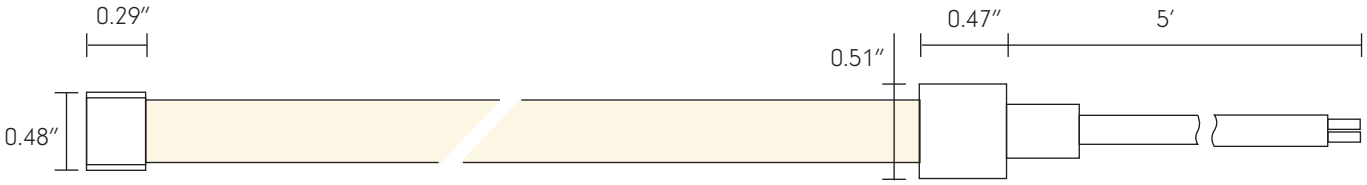
TRACE MINI DUO - BOTTOM
5′ Power Lead Cable with End Cap



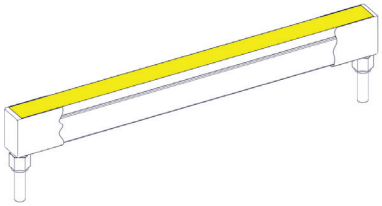
TRACE MINI DUO - FRONT
5′ Power Lead Cable with End Cap



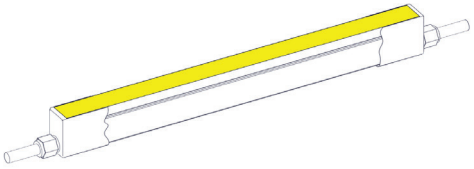
TRACE MINI END CAP
End Cap (No Lead)
1 pc End Cap with 4 Screws



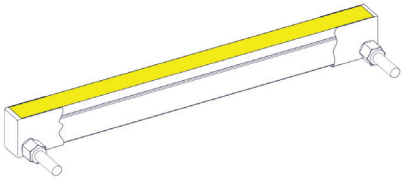
Power Lead Configurations



TRCEM-DB-LEAD-B-B
Left Facing Bottom Lead with 5′ Power Cable to
Right Facing Bottom Lead with 5′ Power Cable



TRCEM-DB-LEAD-F-F
Left Facing Front Lead with 5′ Power Cable to
Right Facing Front Lead with 5′ Power Cable



TRCEM-DB-LEAD-S-S
Left Facing Side Lead with 5′ Power Cable to
Right Facing Side Lead with 5′ Power Cable

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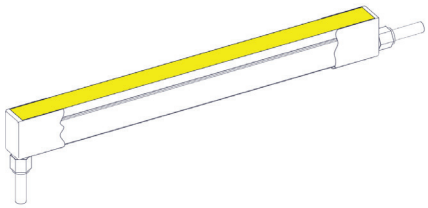
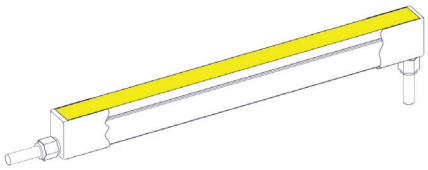
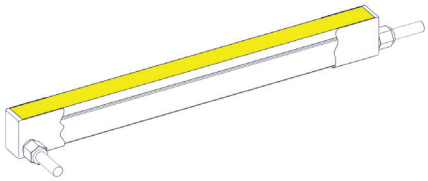
Power Lead Configurations



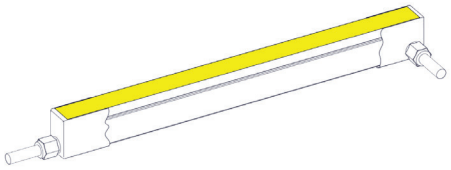
TRCEM-DB-LEAD-B-F
Left Facing Bottom Lead with 5' Power Cable to Right Facing Front Lead with 5' Power Cable



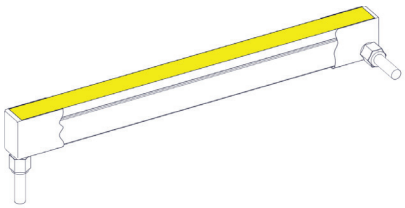
TRCEM-DB-LEAD-F-B
Left Facing Front Lead with 5' Power Cable to Right Facing Bottom Lead with 5' Power Cable



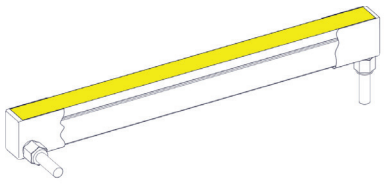
TRCEM-DB-LEAD-S-F
Left Facing Side Lead with 5' Power Cable to Right Facing Front Lead with 5' Power Cable



TRCEM-DB-LEAD-F-S
Left Facing Front Lead with 5' Power Cable to Right Facing Side Lead with 5' Power Cable



TRCEM-DB-LEAD-B-S
Left Facing Bottom Lead with 5' Power Cable to Right Facing Side Lead with 5' Power Cable



TRCEM-DB-LEAD-S-B
Left Facing Side Lead with 5' Power Cable to Right Facing Bottom Lead with 5' Power Cable

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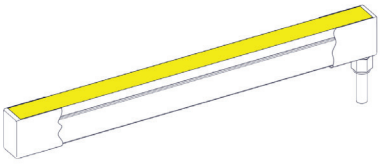
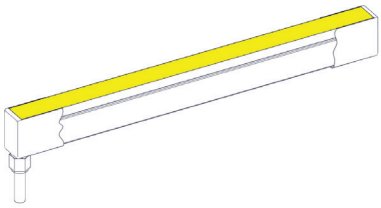
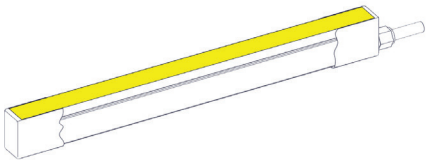
Power Lead Configurations



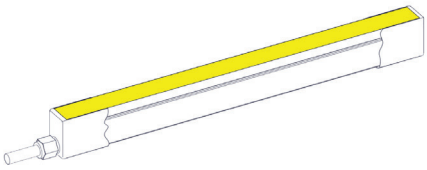
TRCEM-DB-LEAD-E-B
Left End Cap Lead to Right Facing Bottom Lead with 5' Power Cable



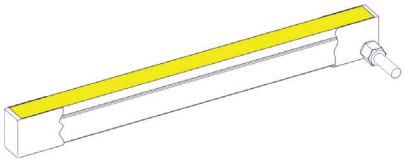
TRCEM-DB-LEAD-B-E
Left Facing Bottom Lead with 5' Power Cable to Right End Cap



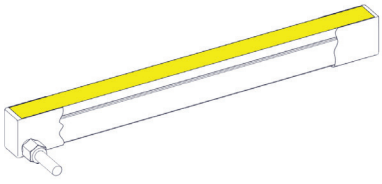
TRCEM-DB-LEAD-E-F
Left End Cap Lead to Right Facing Front Lead with 5' Power Cable



TRCEM-DB-LEAD-F-E
Left Facing Front Lead with 5' Power Cable to Right End Cap



TRCEM-DB-LEAD-E-S
Left Facing End Cap Lead to Right Facing Side Lead with 5' Power Cable



TRCEM-DB-LEAD-S-E
Left Facing Side Lead with 5' Power Cable to Right Facing End Cap

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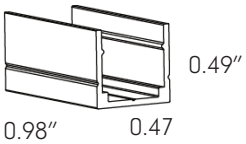
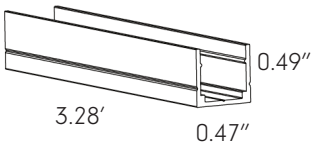
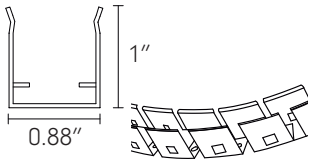
Mounting Options



TRCEM-DB-CLIP
0.98″ Length Mounting Clip



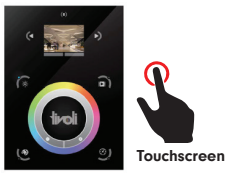
TRCEM-DB-SLV-SCHAN-3.2
3.28′ Length, Straight Aluminum Channel



TRCEM-DB-SLV-NCHAN-3.2
3.28′ Length, Notched Channel

FLXD-SIL-GE-10
GE Silicone 10oz Tube
Use to adhere TRACE into entire run length of channel
10oz tube/25′ bead length

In-Wall Controls



TVOQ-10-XX-7
XX = **BK** (black), **WH** (white)
1024 DMX channel, 500 scene, 10 zone, glass touch screen

TVOQ-2-BK
Black, 512 DMX channel, 99 scene, 1 zone, glass touch screen

TVOQ-1-WHT
512 DMX channel, 16 scene, 4 zone, glass touch screen

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Power Supplies - Indoor

INFINITY - MLV / ELV / 0-10V / PWM / TRIAC

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	MIN LOAD	CIRCUIT CAPACITY
Infinity Series Class 2 Transformer	INF-J-30-1-1.3-24	Indoor / Outdoor	100 - 277V AC	24V DC	1	30W	3W	1.3A
	INF-J-60-1-2.5-24				1	60W	6W	2.5A
	INF-J-96-1-4-24				1	96W	9W	4A
	INF-J-192-2-4-24				2	2x96W	2x9W	2x4A
	INF-J-288-3-4-24				3	3x96W	3X9W	3x4A

ADUL - NON DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-120-1-4-24-D	Indoor / Damp	100-277V AC 50/60 HZ	24V DC	1	96W	4A
	ADUL-240-2-4-24-D				2	2x96W	2x4A
	ADUL-320-3-4-24-D				3	3x96W	3x4A

ADUL - 0-10V DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-120-1-4-24-DOT	Indoor / Damp	100-277V AC 50/60 HZ	24V DC	1	96W	4A
	ADUL-240-2-4-24-DOT				2	2x96W	2x4A
	ADUL-320-3-4-24-DOT				3	3x96W	3x4A

ADUL - DMX SINGLE ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-120-1-4-24-DIN	Indoor / Damp	100-277V AC 50/60 HZ	24V DC	1	96W	4A
	ADUL-240-2-4-24-DIN				2	2x96W	2x4A
	ADUL-320-3-4-24-DIN				3	3x96W	3x4A

ADUL - DMX MULTI ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-240-2-4-24-DIN-2	Indoor / Damp	100-277V AC 5o/60 Hz	24V DC	2	2x96W	2x4A
	ADUL-320-3-4-24-DIN-3				3	3x96W	3x4A

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Power Supplies - Indoor/Outdoor

ADNM - NON DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-90-1-4-24-D	Indoor / Outdoor	100-277V AC 50/60 HZ	24V DC	1	90W	3.75A
	ADNM-120-1-4-24-D				1	96W	4A
	ADNM-240-2-4-24-D				2	2x96W	2x4A
	ADNM-320-3-4-24-D				3	3x96W	3x4A

ADNM - 0-10V DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-90-1-4-24-DOT	Indoor / Outdoor	100-277V AC 50/60 HZ	24V DC	1	90W	3.75A
	ADNM-120-1-4-24-DOT				1	96W	4A
	ADNM-240-2-4-24-DOT				2	2x96W	2x4A
	ADNM-320-3-4-24-DOT				3	3x96W	3x4A

ADNM - DMX SINGLE ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-90-1-4-24-DIN	Indoor / Outdoor	100-277V AC 5o/60 Hz	24V DC	1	90W	3.75A
	ADNM-120-1-4-24-DIN				1	96W	4A
	ADNM-240-2-4-24-DIN				2	2x96W	2x4A
	ADNM-320-3-4-24-DIN				3	3x96W	3x4A

ADNM - DMX MULTI ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-240-2-4-24-DIN-2	Indoor / Outdoor	100-277V AC 5o/60 Hz	24V DC	2	2x96W	2x4A
	ADNM-320-3-4-24-DIN-3				3	3x96W	3x4A

ADNM - DMX/DALI FLICKER-FREE FOR TV STUDIO

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-120-1-4-24-DTV	Indoor / Outdoor	100-277V AC 50/60 HZ	24V DC	1	1x96W	1x4A
	ADNM-240-2-4-24-DTV				2	2x96W	2x4A
	ADNM-320-3-4-24-DTV				3	3x96W	3x4A

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Dimmers

DIMMING - 0-10V

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
0-10V Dimmer	DIM-LD-010	Indoor	12V/24V DC	12V/24V DC	30 mA max. output (sink only)

DIMMING - MLV

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
MLV Dimmer	N-600	Indoor	120V AC	120V AC	450W
	N-1000				800W
	N-1500				1200W
	D-600				450W
	M-600				450W
	M-1000				800W

DIMMING - ELV

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
ELV Dimmer	ME-600	Indoor	120V AC	120V AC	450W
	DE-300				300W

Dimmer + Driver

STANDARD STATIC DRIVER + DIMMER 2 IN 1

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
Standard Driver + Dimmer Static 2 in 1 Class 2	TDD-1-XXX-24	Indoor	120V AC 60Hz	24V DC	1	96W	4A

WIRELESS STATIC DRIVER + DIMMER 2 IN 1

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
Wireless Driver + Dimmer Static 2 in 1 Class 2	TDD-1-XXX-24-KIT	Indoor	120V AC 60Hz	24V DC	1	96W	4A

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