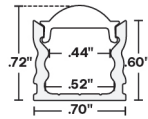
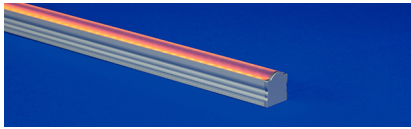




ESSENTIALS TORQ-OPTICS (02)

STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed



- Surface mount linear fixture for grazing
- Choose from a 12° or 40° beam angle
- Mounting tray available
- Features all wire feed options
- Ideal for direct and indirect applications
- Mounting options include stainless steel clips, magnets, and low-profile magnet mounts
- Features painted end caps to match extrusion finish
- Red, Green, Blue or Amber LEDs available
- Q-Tran Red & Amber LED products are Florida Fish and Wildlife Conservation Commission certified, making them safe for turtles and other wildlife
- Can be suitable for exterior use when specified as wet, contact factory for more information

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

| 1 | 2 | 3 | 4 | 5 | 6 |
|---------|-----------|-----|-------|------------|------|
| PRODUCT | WATTS/ FT | CCT | RATED | EFFICIENCY | LENS |
| TQ2SC | 5.0 | | | | |

ADDITIONAL INFORMATION REQUIRED TO ORDER

| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|--------------------|--------------------|---------------------|------------|-----------|----------|--------|-------------|----------------|
| WIRE INPUT/ OUTPUT | CONNECTOR/ WIRE IN | CONNECTOR/ WIRE OUT | WIRE COLOR | WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/ OPTIMAL |
| | | | | | | | | |

Sample Part Number: **TQ2SC-5.0-GR-DRY-WO-12-P1-BW-BW-BK-CL2-SST-BK-48"-E**

| | | | | | |
|--|--|--|---|---|---|
| 1 PRODUCT TQ2SC See following pages for compatible power supplies. | 2 WATTS/FT 5.0 5.0W/ft | 3 CCT A Amber B Blue G Green R Red | 4 RATED DRY IP20 DMP IP54 WET IP67 Can be suitable for exterior use, contact factory for more information | 5 EFFICIENCY STD Standard WO White Optics WhiteOptics - Internal coating, greater lumen output | 6 LENS 12 Optical 12° 40 Optical 40° DRY or DMP only For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages |
| 7 WIRE INPUT/OUTPUT SINGLE (Input only) S1 End Feed S2 Bottom Feed S3 Left Side Feed S4 Right Side Feed For continuous mounting, consider bottom or side feed PASS THROUGH (Input/output) P1 End Feed P2 Bottom Feed P3 Left Side Feed P4 Right Side Feed For continuous mounting, consider bottom or side feed | 8 CONNECTOR/WIRE IN BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 Connector 24" BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48) BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 Connector 24" BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48) | 9 CONNECTOR/WIRE OUT CLS Closed End (No feed) BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 Connector 24" BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48) | 10 WIRE COLOR WH White BK Black N/A For Barrel wet barrel only available in black | | |
| 11 WIRE TYPE CL2 Class 2 CL2P Plenum Rated N/A For Barrel CL2P only available with bare wire leads (BW) | 12 MOUNTING SST Stainless Steel M4 Low Profile Magnet MG Magnet | 13 FINISH ST Satin BK Black BZ Bronze CU Custom | 14 LENGTH (IN) Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12". | 15 EXACT/OPTIMAL O Optimal Illumination E Exact Specified Length Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. See Exact/Optimal Fixture Length charts. | |

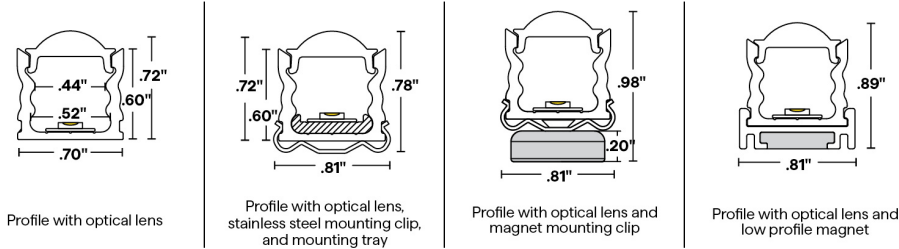
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance | FWC rated Strips: DRY and WET rated, Red and Amber



ESSENTIALS TORQ-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS



2 DELIVERED LUMENS

[Calculated L70 = 30000 hrs]
Tested with TQ2SC-5.0-**-DRY-STD

| | Red | | Green | | Blue | | Amber | |
|----|-------|------------|-------|------------|-------|------------|-------|------------|
| | LM/FT | WAVELENGTH | LM/FT | WAVELENGTH | LM/FT | WAVELENGTH | LM/FT | WAVELENGTH |
| 12 | 75 | 633 | 405 | 517 | 105 | 466 | 68 | 597 |
| 40 | 94 | 633 | 508 | 517 | 132 | 466 | 85 | 597 |

[Calculated L70 = 30000 hrs]
Tested with TQ2SC-5.0-**-DRY-WO

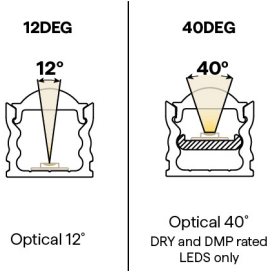
| | Red | | Green | | Blue | | Amber | |
|----|-------|------------|-------|------------|-------|------------|-------|------------|
| | LM/FT | WAVELENGTH | LM/FT | WAVELENGTH | LM/FT | WAVELENGTH | LM/FT | WAVELENGTH |
| 12 | 78 | 633 | 422 | 517 | 110 | 466 | 71 | 597 |
| 40 | 98 | 633 | 529 | 517 | 137 | 466 | 88 | 597 |

6 DIODE VISIBILITY



PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.



TEMPERATURE RATINGS

| | | 5.0 W/FT | |
|-----|----------------------------------|----------|-------|
| | | Min | Max |
| DRY | Ambient Operating Temp - Surface | -4°F | 125°F |
| DMP | Ambient Operating Temp - Surface | -4°F | 120°F |
| WET | Ambient Operating Temp - Surface | -4°F | 120°F |

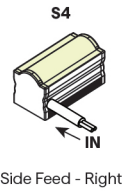
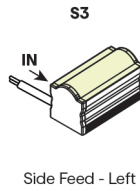
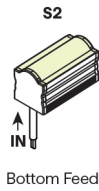
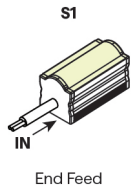


ESSENTIALS TORQ-OPTICS (02) STATIC COLOR

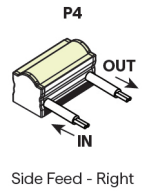
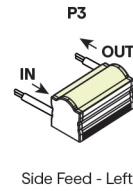
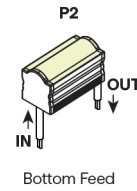
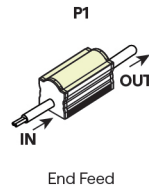
24VDC Linear Fixtures - Surface & Recessed

7 WIRE INPUT/OUTPUT

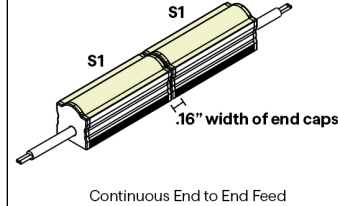
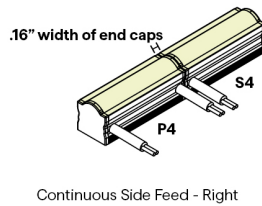
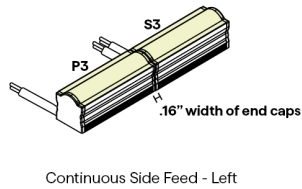
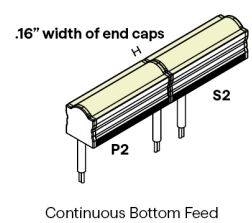
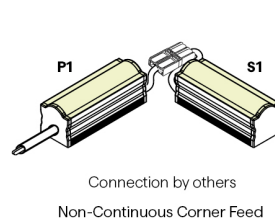
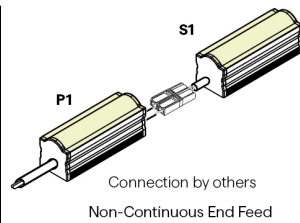
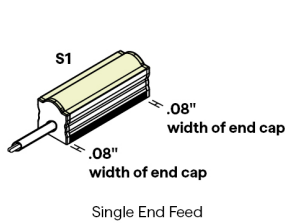
SINGLE (Input only)



PASS THROUGH (Input/Output)

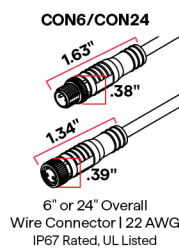
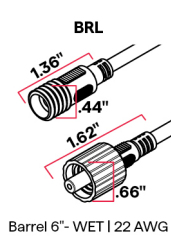
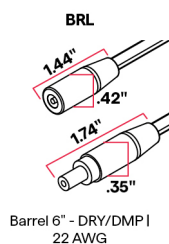
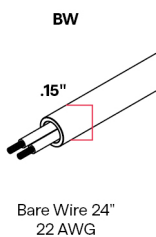


CONFIGURATION OPTIONS



8 / 9 CONNECTOR/WIRE - IN/OUT

Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



10 WIRE COLOR



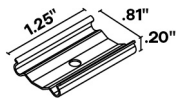


ESSENTIALS TORQ-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

12 MOUNTING

SST



Stainless Steel Clip

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use SST-01

Each clip comes with a #4 x 5/8" Flat Head SS

M4

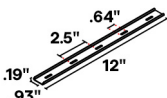


Low Profile Magnet

One M4 provided per foot.

To order separately use MG-04

MMA-04



Magnet Mount Accessory for M4

Sold separately, to order use MMA-04

Each bracket comes with 2 #6 x 5/8" Flat Head SS

Required when mounting to a non-magnetic surface

MG

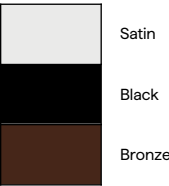


Magnet Clip

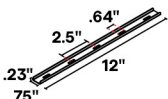
One MG provided per foot

To order separately use MG-01

13 FINISH



MMA-01



Magnet Mount Accessory of MG-01

Sold separately, to order use MMA-01

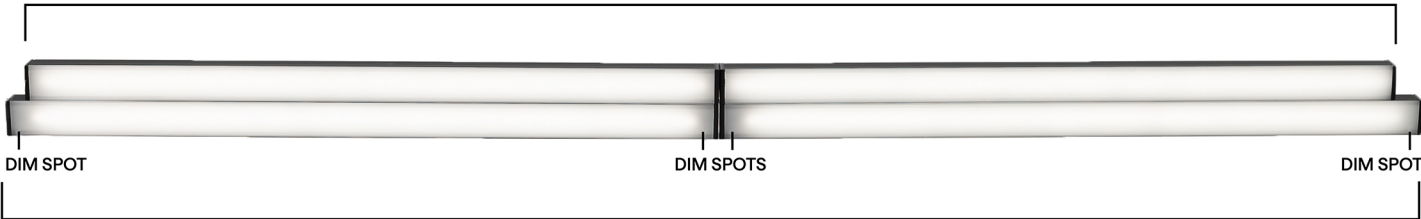
Each bracket comes with 2 #6 x 5/8" Flat Head SS

Required when mounting to a non-magnetic surface

15 EXACT/OPTIMAL FIXTURE LENGTH

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.

Optimal Fixtures



Exact Fixtures



ESSENTIALS TORQ-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

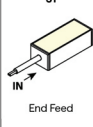
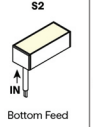
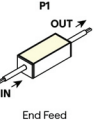
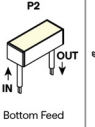
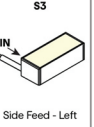
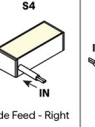
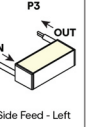
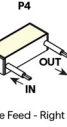
SC DRY, DMP LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

EXACT LENGTH

| Requested Length | Potential dim spot on either end of fixture |
|------------------|---|
| 12" | 1" |
| 13" | 0.5" |
| 14" | 1" |
| 15" | 0.5" |
| 16" | 1" |
| 17" | 0.5" |
| 18" | 1" |
| 19" | 0.5" |
| 20" | 1" |
| 21" | 0.5" |
| 22" | 1" |
| 23" | 0.5" |
| 24" | 1" |
| 36" | 1" |
| 48" | 1" |
| 60" | 1" |
| 72" | 1" |
| 84" | 1" |
| 96" | 1" |

OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

| Requested Nominal Length | S1 & S2 | | P1 & P2 | | S3 & S4 | | P3 & P4 | |
|--------------------------|---|---|---|--|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| 12" | | 10.41" | | 10.66" | | 10.26" | | 10.36" |
| 13" | | 12.41" | | 12.66" | | 12.26" | | 12.36" |
| 14" | | 12.41" | | 12.66" | | 12.26" | | 12.36" |
| 15" | | 14.41" | | 14.66" | | 14.26" | | 14.36" |
| 16" | | 14.41" | | 14.66" | | 14.26" | | 14.36" |
| 17" | | 16.41" | | 16.66" | | 16.26" | | 16.36" |
| 18" | | 16.41" | | 16.66" | | 16.26" | | 16.36" |
| 19" | | 18.41" | | 18.66" | | 18.26" | | 18.36" |
| 20" | | 18.41" | | 18.66" | | 18.26" | | 18.36" |
| 21" | | 20.41" | | 20.66" | | 20.26" | | 20.36" |
| 22" | | 20.41" | | 20.66" | | 20.26" | | 20.36" |
| 23" | | 22.41" | | 22.66" | | 22.26" | | 22.36" |
| 24" | | 22.41" | | 22.66" | | 22.26" | | 22.36" |
| 36" | | 34.41" | | 34.66" | | 34.26" | | 34.36" |
| 48" | | 46.41" | | 46.66" | | 46.26" | | 46.36" |
| 60" | | 58.41" | | 58.66" | | 58.26" | | 58.36" |
| 72" | | 70.41" | | 70.66" | | 70.26" | | 70.36" |
| 84" | | 82.41" | | 82.66" | | 82.26" | | 82.36" |
| 96" | | 94.41" | | 94.66" | | 94.26" | | 94.36" |

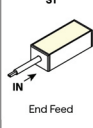
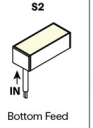
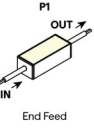
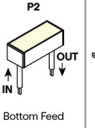
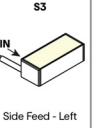
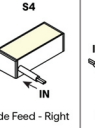
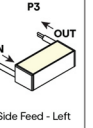
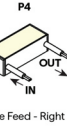
SC WET LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

EXACT LENGTH

| Requested Length | Potential dim spot on either end of fixture |
|------------------|---|
| 12" | 1" |
| 13" | 0.5" |
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| 17" | 0.5" |
| 18" | 1" |
| 19" | 0.5" |
| 20" | 1" |
| 21" | 0.5" |
| 22" | 1" |
| 23" | 0.5" |
| 24" | 1" |
| 36" | 1" |
| 48" | 1" |
| 60" | 1" |
| 72" | 1" |
| 84" | 1" |
| 96" | 1" |

OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

| Requested Nominal Length | S1 & S2 | | P1 & P2 | | S3 & S4 | | P3 & P4 | |
|--------------------------|---|---|---|--|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| 12" | | 10.61" | | 10.76" | | 10.51" | | 10.61" |
| 13" | | 12.61" | | 12.76" | | 12.51" | | 12.61" |
| 14" | | 12.61" | | 12.76" | | 12.51" | | 12.61" |
| 15" | | 14.61" | | 14.76" | | 14.51" | | 14.61" |
| 16" | | 14.61" | | 14.76" | | 14.51" | | 14.61" |
| 17" | | 16.61" | | 16.76" | | 16.51" | | 16.61" |
| 18" | | 16.61" | | 16.76" | | 16.51" | | 16.61" |
| 19" | | 18.61" | | 18.76" | | 18.51" | | 18.61" |
| 20" | | 18.61" | | 18.76" | | 18.51" | | 18.61" |
| 21" | | 20.61" | | 20.76" | | 20.51" | | 20.61" |
| 22" | | 20.61" | | 20.76" | | 20.51" | | 20.61" |
| 23" | | 22.61" | | 22.76" | | 22.51" | | 22.61" |
| 24" | | 22.61" | | 22.76" | | 22.51" | | 22.61" |
| 36" | | 34.61" | | 34.76" | | 34.51" | | 34.61" |
| 48" | | 46.61" | | 46.76" | | 46.51" | | 46.61" |
| 60" | | 58.61" | | 58.76" | | 58.51" | | 58.61" |
| 72" | | 70.61" | | 70.76" | | 70.51" | | 70.61" |
| 84" | | 82.61" | | 82.76" | | 82.51" | | 82.61" |
| 96" | | 94.61" | | 94.76" | | 94.51" | | 94.61" |



ESSENTIALS TORQ-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

| DIM TO LEVEL | INDOOR | OUTDOOR |
|--------------|--|---|
| | SC | SC |
| Dim to Black | Q6M-DC+CAP QTM-DC+CAP iQ-PH iQ-PH+QD1 | QOM-DC+CAP QOM-PH |
| 0.1% | QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP | Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V |
| 1% | QTM-eLED(E) QZ-DALI-DT6 | Q-SET+QZ-DALI-DT6 QZ-DALI-DT6 |
| 10% | Non-Dim Power Supply with SW App Dongle | |



ESSENTIALS TORQ-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

| DIMMING PROTOCOL | INDOOR | OUTDOOR |
|------------------|--|--|
| | SC | SC |
| Non-Dim | QT-CAB-eLED-ND QTM-eLED-ND QZ-ND | Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND iQ-ND-50-65 |
| Phase | Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH iQ-PH+QD1 | Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PH/0-10V |
| 0-10V | QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP | Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V |
| Lutron Athena | QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN | |
| ECO System | QTM-eLED(E) | |
| DMX | QZ-DMX | Q-SET-QZ-DMX QZ-DMX |
| DALI-2: DT6 | QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6 | Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6 |
| SCENE App Dimmed | Non-Dim Power Supply with SW App Dongle | |

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M

Adjustable mounting bracket - Medium

HINGE - HMB-L

Adjustable mounting bracket - Large

HINGE - HMB-XL

Adjustable mounting bracket - XLarge

Q-PIVOT

Small mounting accessory

Q-ANGLE

Adjustable mounting accessory

NU-GRAZER

U Mounting Bracket

NJ-GRAZER

J Mounting Bracket

BL-GRAZER

Backwards L Mounting Bracket

NJ-MEDIUM

J Mounting Bracket

MMA-01

Magnet Mount Accessory of MG-01

MMA-04


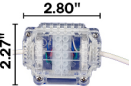





Magnet Mount Accessory of MG-04



ESSENTIALS TORQ-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE WIRING ACCESSORIES

| | | | | | | |
|--|---|---|--|--|--|--|
| Q-mini-J  UL Listed, miniature junction box, DRY/DMP (WET rated with silicone) | Q-mini-J5  UL Listed, miniature junction box, DRY/DMP (WET rated with silicone) | BARREL-EXT  8ft barrel cable extender DRY ONLY | BARREL FOUR-FER  Splits lead from one to four LED Barrel connector fixtures, DRY/DMP | CON120-EXT  10ft Con cable extender DRY/DMP/WET | CON FOUR-FER  Splits lead from one to four LED Con connectors DRY/DMP/WET | CON M - BARREL F  Male con to barrel cable adaptor DRY/DMP |
|--|---|---|--|--|--|--|

COMPATIBLE APPS

NFC APP

Read and write DMX addresses and adjust voltage