

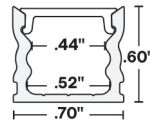
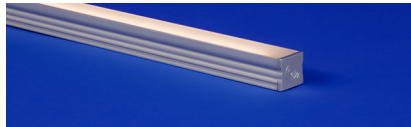


# ESSENTIALS TORQ-FLAT (01) STATIC WHITE

## 24VDC Linear Fixtures - Surface & Recessed



Declare.



- Surface mount linear fixture
- Choose from diffused, polar, frosted, clear lens options for varying diode visibility and beam cutoffs
- Offered with an optional mounting tray to achieve 70° beam angle
- Mounting options include stainless steel clips, magnets, and low-profile magnet mounts
- Features painted end caps to match extrusion finish
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot per NEC regulations
- Can be suitable for exterior use when specified as wet, contact factory for more information
- Optional plastic louver accessory available in white or black for added glare control

### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

| 1       | 2         | 3   | 4     | 5          | 6    |
|---------|-----------|-----|-------|------------|------|
| PRODUCT | WATTS/ FT | CCT | RATED | EFFICIENCY | LENS |
| TQ1SW   |           |     |       |            |      |

### 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: **TQ1SW-5.0-30-DRY-WO-DF-P1-BW-BW-BK-CL2-SST-BK-48"-E**

| 1  | PRODUCT                                                                                                                                                                                                 | 2  | WATTS/FT                                                                                                                                                                                                                                            | 3  | CCT                                                                                                                                                                                                                                                 | 4  | RATED                                                                                                  | 5  | EFFICIENCY                                                                                                                                                                                                                                                                                                                   | 6 | LENS                                                                                                                                                                                                                                                                                                                                                                                 |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <b>TQ1SW</b><br><br>See following pages for compatible power supplies.                                                                                                                                  |    | <b>1.5</b> 1.5W/ft<br><b>3.0</b> 3.0W/ft<br><b>4.0</b> 4.0W/ft<br><b>5.0</b> 5.0W/ft<br><b>1.5HE</b> 1.5W/ft HE<br><b>3.0HE</b> 3.0W/ft HE<br><b>6.0HE</b> 6.0W/ft HE<br><b>9.0HE</b> 9.0W/ft HE                                                    |    | <b>20</b> 2000K<br><b>22</b> 2200K<br><b>24</b> 2400K<br><b>27</b> 2700K<br><b>30</b> 3000K<br><b>35</b> 3500K<br><b>40</b> 4000K                                                                                                                   |    | <b>DRY</b> IP20                                                                                        |    | <b>STD</b> Standard<br><b>WO</b> White Optics<br><br>WhiteOptics - Internal coating, greater lumen output                                                                                                                                                                                                                    |   | <b>DF</b> Diffused<br><b>PR</b> Polar<br><b>FR</b> Frosted<br><b>CL/60</b> Clear 60°<br><b>CL/70</b> Clear 70°<br><br>For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages. For optional snap-on louver ordering, see External Louver Accessory section on following pages |
|    |                                                                                                                                                                                                         |    | <b>3.0HE+</b> 3.0W/ft HE+<br><b>6.0HE+</b> 6.0W/ft HE+                                                                                                                                                                                              |    | <b>27</b> 2700K<br><b>30</b> 3000K<br><b>35</b> 3500K<br><b>40</b> 4000K                                                                                                                                                                            |    |                                                                                                        |    |                                                                                                                                                                                                                                                                                                                              |   |                                                                                                                                                                                                                                                                                                                                                                                      |
|    |                                                                                                                                                                                                         |    | <b>1.5</b> 1.5W/ft<br><b>3.0</b> 3.0W/ft<br><b>4.0</b> 4.0W/ft<br><b>5.0</b> 5.0W/ft<br><b>1.5HE</b> 1.5W/ft HE<br><b>3.0HE</b> 3.0W/ft HE<br><b>6.0HE</b> 6.0W/ft HE                                                                               |    | <b>24</b> 2400K<br><b>27</b> 2700K<br><b>30</b> 3000K<br><b>35</b> 3500K<br><b>40</b> 4000K                                                                                                                                                         |    | <b>DMP</b> IP54                                                                                        |    |                                                                                                                                                                                                                                                                                                                              |   |                                                                                                                                                                                                                                                                                                                                                                                      |
|    |                                                                                                                                                                                                         |    | <b>1.5</b> 1.5W/ft<br><b>3.0</b> 3.0W/ft<br><b>4.0</b> 4.0W/ft<br><b>5.0</b> 5.0W/ft                                                                                                                                                                |    | <b>20</b> 2000K<br><b>22</b> 2200K<br><b>24</b> 2400K<br><b>27</b> 2700K<br><b>30</b> 3000K<br><b>35</b> 3500K<br><b>40</b> 4000K                                                                                                                   |    | <b>WET</b> IP67<br><br>Can be suitable for exterior use, contact factory for more information          |    |                                                                                                                                                                                                                                                                                                                              |   |                                                                                                                                                                                                                                                                                                                                                                                      |
| 7  | WIRE INPUT/OUTPUT                                                                                                                                                                                       | 8  | CONNECTOR/WIRE IN                                                                                                                                                                                                                                   | 9  | CONNECTOR/WIRE OUT                                                                                                                                                                                                                                  | 10 | WIRE COLOR                                                                                             |    |                                                                                                                                                                                                                                                                                                                              |   |                                                                                                                                                                                                                                                                                                                                                                                      |
|    | <b>SINGLE (Input only)</b><br><b>S1</b> End Feed<br><b>S2</b> Bottom Feed<br><b>S3</b> Left Side Feed<br><b>S4</b> Right Side Feed<br><br>For continuous mounting, consider bottom or side feed         |    | <b>BW</b> Bare Wire (Standard 24")<br><b>BRL</b> Barrel<br><b>CON6</b> Connector 6"<br><b>CON24</b> Connector 24"<br><br>BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48) |    | <b>CLS</b> Closed End (No feed)                                                                                                                                                                                                                     |    | <b>WH</b> White<br><b>BK</b> Black<br><b>N/A</b> For Barrel<br><br>wet barrel only available in black  |    |                                                                                                                                                                                                                                                                                                                              |   |                                                                                                                                                                                                                                                                                                                                                                                      |
|    | <b>PASS THROUGH (Input/output)</b><br><b>P1</b> End Feed<br><b>P2</b> Bottom Feed<br><b>P3</b> Left Side Feed<br><b>P4</b> Right Side Feed<br><br>For continuous mounting, consider bottom or side feed |    | <b>BW</b> Bare Wire (Standard 24")<br><b>BRL</b> Barrel<br><b>CON6</b> Connector 6"<br><b>CON24</b> Connector 24"<br><br>BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48) |    | <b>BW</b> Bare Wire (Standard 24")<br><b>BRL</b> Barrel<br><b>CON6</b> Connector 6"<br><b>CON24</b> Connector 24"<br><br>BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48) |    |                                                                                                        |    |                                                                                                                                                                                                                                                                                                                              |   |                                                                                                                                                                                                                                                                                                                                                                                      |
| 11 | WIRE TYPE                                                                                                                                                                                               | 12 | MOUNTING                                                                                                                                                                                                                                            | 13 | FINISH                                                                                                                                                                                                                                              | 14 | LENGTH (IN)                                                                                            | 15 | EXACT/OPTIMAL                                                                                                                                                                                                                                                                                                                |   |                                                                                                                                                                                                                                                                                                                                                                                      |
|    | <b>CL2</b> Class 2<br><b>CL2P</b> Plenum Rated<br><b>N/A</b> For Barrel<br><br>CL2P only available with bare wire leads (BW)                                                                            |    | <b>SST</b> Stainless Steel<br><b>M4</b> Low Profile Magnet<br><b>MG</b> Magnet                                                                                                                                                                      |    | <b>ST</b> Satin<br><b>BK</b> Black<br><b>BZ</b> Bronze<br><b>CU</b> Custom                                                                                                                                                                          |    | Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12". |    | <b>O</b> Optimal Illumination<br><b>E</b> Exact Specified Length<br><br>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. |   |                                                                                                                                                                                                                                                                                                                                                                                      |

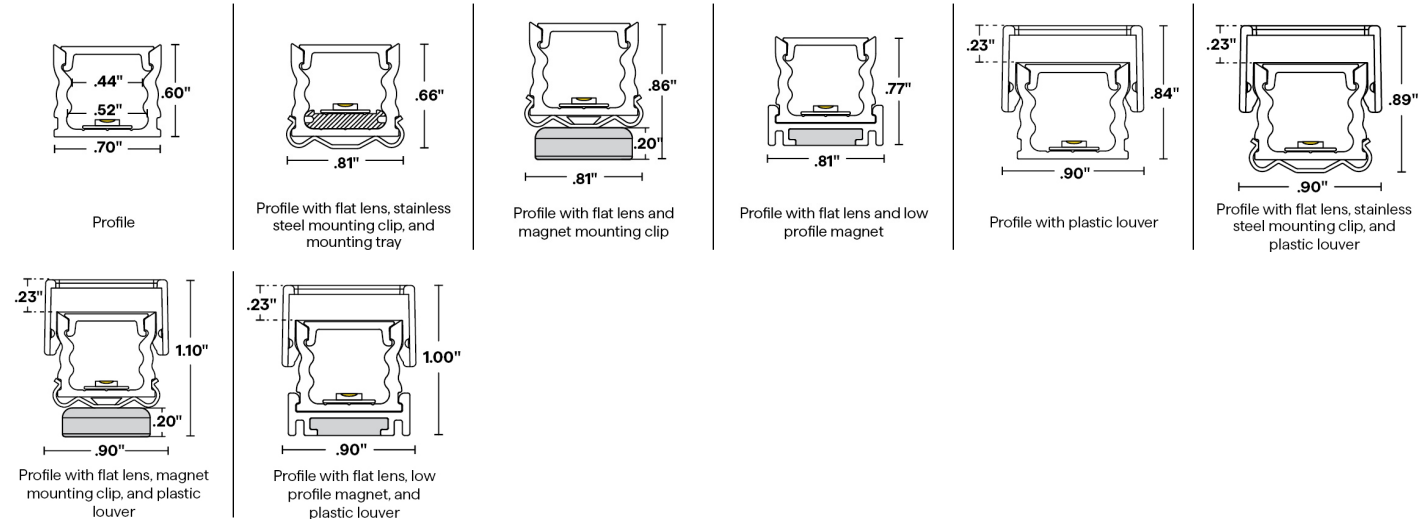
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



# ESSENTIALS TORQ-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

## 1 PRODUCT - DIMENSIONS



## 2 DELIVERED LUMENS

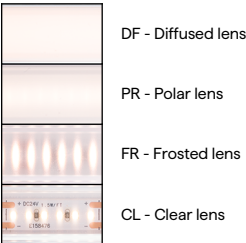
[Calculated L70 = 70000 hrs, L70 = 50000 for HE+]  
Tested with TQ1SW-\*\*-30-DRY-STD

|    | 1.5 W/FT |     | 1.5HE W/FT |     | 3.0 W/FT |     | 3.0HE W/FT |     | 3.0HE+ W/FT |     | 4.0 W/FT |     | 5.0 W/FT |     | 6.0HE W/FT |     | 6.0HE+ W/FT |     | 9.0HE W/FT |     |
|----|----------|-----|------------|-----|----------|-----|------------|-----|-------------|-----|----------|-----|----------|-----|------------|-----|-------------|-----|------------|-----|
|    | LM/FT    | CRI | LM/FT      | CRI | LM/FT    | CRI | LM/FT      | CRI | LM/FT       | CRI | LM/FT    | CRI | LM/FT    | CRI | LM/FT      | CRI | LM/FT       | CRI | LM/FT      | CRI |
| 60 | 130      | 98  | 156        | 98  | 227      | 98  | 286        | 98  | 413         | 92  | 282      | 98  | 343      | 98  | 542        | 98  | 763         | 92  | 815        | 98  |
| 70 | 134      | 98  | 158        | 98  | 234      | 98  | 290        | 98  | 418         | 92  | 291      | 98  | 355      | 98  | 549        | 98  | 773         | 92  | 825        | 98  |
| FR | 127      | 98  | 153        | 98  | 222      | 98  | 281        | 98  | 405         | 92  | 276      | 98  | 336      | 98  | 532        | 98  | 749         | 92  | 800        | 98  |
| PR | 111      | 98  | 138        | 98  | 193      | 98  | 252        | 98  | 364         | 92  | 240      | 98  | 293      | 98  | 478        | 98  | 673         | 92  | 719        | 98  |
| DF | 98       | 98  | 124        | 98  | 171      | 98  | 228        | 98  | 329         | 92  | 213      | 98  | 259      | 98  | 432        | 98  | 608         | 92  | 649        | 98  |

[Calculated L70 = 70000 hrs, L70 = 50000 for HE+]  
Tested with TQ1SW-\*\*-30-DRY-WO

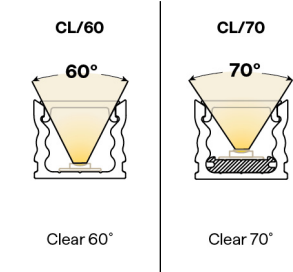
|    | 1.5 W/FT |     | 1.5HE W/FT |     | 3.0 W/FT |     | 3.0HE W/FT |     | 3.0HE+ W/FT |     | 4.0 W/FT |     | 5.0 W/FT |     | 6.0HE W/FT |     | 6.0HE+ W/FT |     | 9.0HE W/FT |     |
|----|----------|-----|------------|-----|----------|-----|------------|-----|-------------|-----|----------|-----|----------|-----|------------|-----|-------------|-----|------------|-----|
|    | LM/FT    | CRI | LM/FT      | CRI | LM/FT    | CRI | LM/FT      | CRI | LM/FT       | CRI | LM/FT    | CRI | LM/FT    | CRI | LM/FT      | CRI | LM/FT       | CRI | LM/FT      | CRI |
| 60 | 141      | 98  | 171        | 98  | 247      | 98  | 314        | 98  | 453         | 92  | 307      | 98  | 373      | 98  | 596        | 98  | 838         | 92  | 895        | 98  |
| 70 | 147      | 98  | 179        | 98  | 257      | 98  | 328        | 98  | 473         | 92  | 319      | 98  | 388      | 98  | 621        | 98  | 874         | 92  | 934        | 98  |
| FR | 139      | 98  | 168        | 98  | 242      | 98  | 308        | 98  | 444         | 92  | 301      | 98  | 366      | 98  | 584        | 98  | 821         | 92  | 877        | 98  |
| PR | 126      | 98  | 152        | 98  | 220      | 98  | 279        | 98  | 402         | 92  | 274      | 98  | 334      | 98  | 528        | 98  | 743         | 92  | 793        | 98  |
| DF | 113      | 98  | 135        | 98  | 197      | 98  | 247        | 98  | 357         | 92  | 245      | 98  | 299      | 98  | 469        | 98  | 660         | 92  | 705        | 98  |

## 6 DIODE VISIBILITY



## PHOTOMETRIC PERFORMANCE

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





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## 24VDC Linear Fixtures - Surface & Recessed

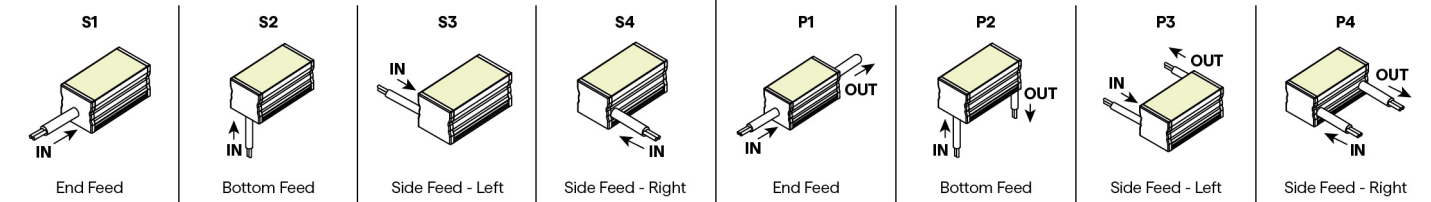
### TEMPERATURE RATINGS

|     |                                  | 1.5 W/FT |       | 1.5 HE W/FT |       | 3.0 W/FT |       | 3.0 HE W/FT |       | 3.0 HE+ W/FT |       | 4.0 W/FT |       | 5.0 W/FT |       | 6.0 HE W/FT |       | 6.0 HE+ |       | 9.0 HE |       |
|-----|----------------------------------|----------|-------|-------------|-------|----------|-------|-------------|-------|--------------|-------|----------|-------|----------|-------|-------------|-------|---------|-------|--------|-------|
|     |                                  | Min      | Max   | Min         | Max   | Min      | Max   | Min         | Max   | Min          | Max   | Min      | Max   | Min      | Max   | Min         | Max   | Min     | Max   | Min    | Max   |
| DRY | Ambient Operating Temp - Surface | -4°F     | 140°F | -4°F        | 145°F | -4°F     | 135°F | -4°F        | 135°F | -13°F        | 135°F | -4°F     | 130°F | -4°F     | 125°F | -4°F        | 130°F | -13°F   | 125°F | -4°F   | 100°F |
| DMP | Ambient Operating Temp - Surface | -4°F     | 135°F | -4°F        | 140°F | -4°F     | 130°F | -4°F        | 130°F | **           | **    | -4°F     | 125°F | -4°F     | 120°F | -4°F        | 125°F | **      | **    | **     | **    |
| WET | Ambient Operating Temp - Surface | -4°F     | 135°F | **          | **    | -4°F     | 130°F | **          | **    | **           | **    | -4°F     | 125°F | -4°F     | 120°F | **          | **    | **      | **    | **     | **    |

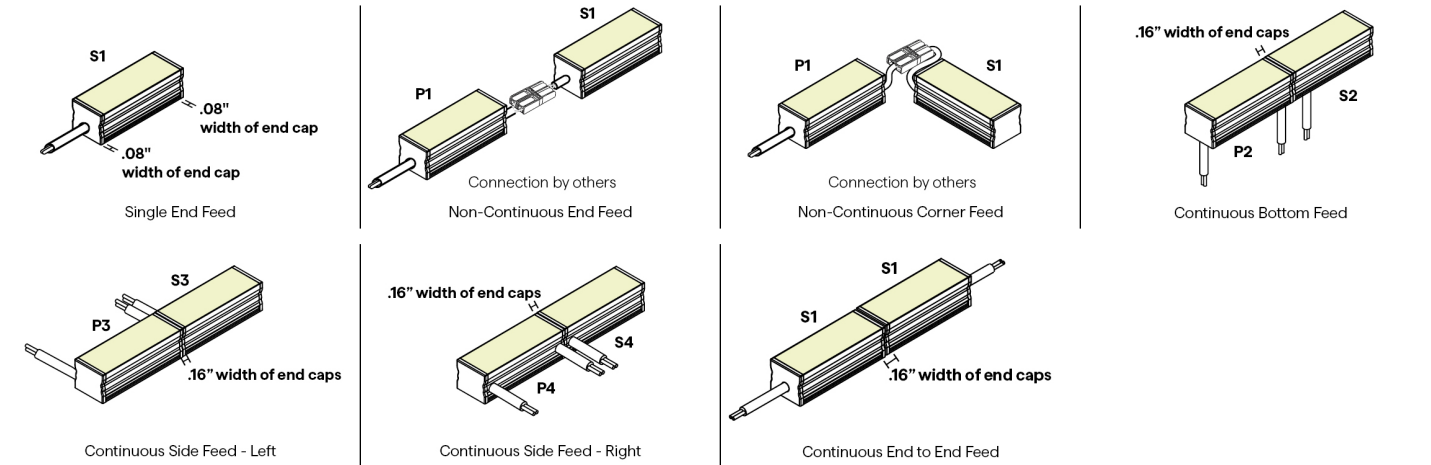
### 7 WIRE INPUT/OUTPUT

SINGLE (Input only)

PASS THROUGH (Input/Output)

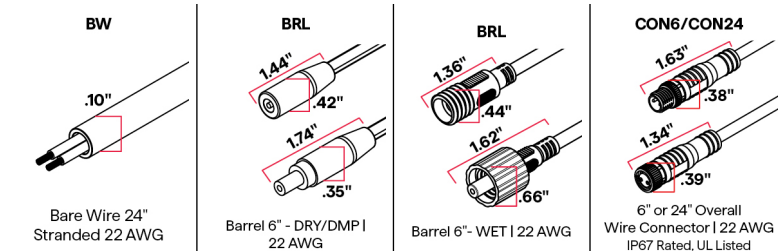


### CONFIGURATION OPTIONS



### 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



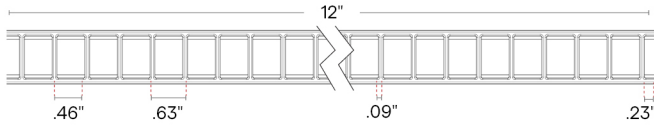


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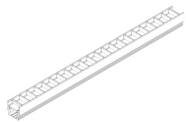
24VDC Linear Fixtures - Surface & Recessed

## EXTERNAL LOUVER ACCESSORY

### PLASTIC



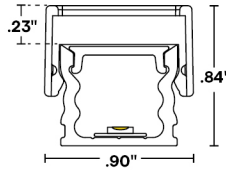
#### L1-XX



Lumen Multiplier

WH BK

0.71 0.53

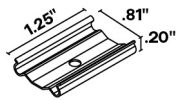


Profile with plastic louver

To order separately use  
TORQ-L1-FLAT-KIT-WH or  
TORQ-L1-FLAT-KIT-BK

## 12 MOUNTING

### SST



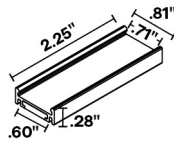
Stainless Steel Clip

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

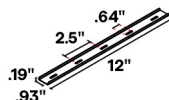


Low Profile Magnet

One M4 provided per foot.

To order separately use  
MG-04

### MMA-04



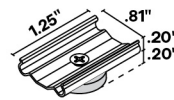
Magnet Mount  
Accessory for M4

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

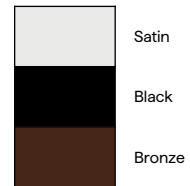


Magnet Clip

One MG provided per foot

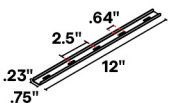
To order separately use MG-01

## 13 FINISH



Custom color available

### 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



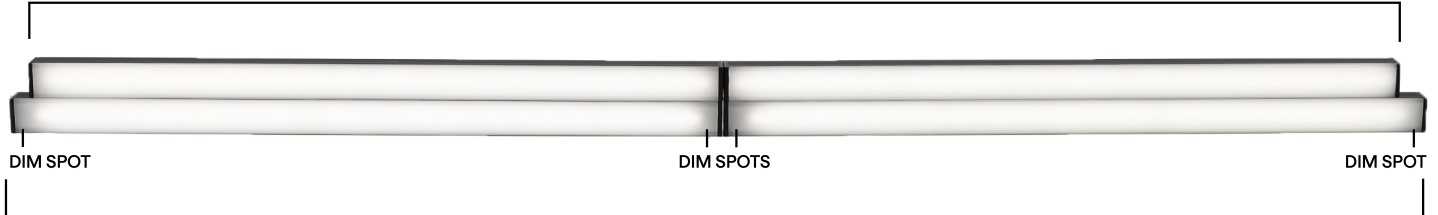
# ESSENTIALS TORQ-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

## 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

## SW 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"              | .5"                                         |
| 13"              | .5"                                         |
| 14"              | .5"                                         |
| 15"              | .5"                                         |
| 16"              | .5"                                         |
| 17"              | .5"                                         |
| 18"              | .5"                                         |
| 19"              | .5"                                         |
| 20"              | .5"                                         |
| 21"              | .5"                                         |
| 22"              | .5"                                         |
| 23"              | .5"                                         |
| 24"              | .5"                                         |
| 36"              | .5"                                         |
| 48"              | .5"                                         |
| 60"              | .5"                                         |
| 72"              | .5"                                         |
| 84"              | .5"                                         |
| 96"              | .5"                                         |

OPTIMAL LENGTH

| Requested Nominal Length | S1 & S2              |                         | P1 & P2              |                          | S3 & S4                      |                               | P3 & P4                      |                                |
|--------------------------|----------------------|-------------------------|----------------------|--------------------------|------------------------------|-------------------------------|------------------------------|--------------------------------|
|                          | S1<br>End Feed<br>IN | S2<br>Bottom Feed<br>IN | P1<br>End Feed<br>IN | P2<br>Bottom Feed<br>OUT | S3<br>Side Feed - Left<br>IN | S4<br>Side Feed - Right<br>IN | P3<br>Side Feed - Left<br>IN | P4<br>Side Feed - Right<br>OUT |
| 12"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 13"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 14"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 15"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 16"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 17"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 18"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 19"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 20"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 21"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 22"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 23"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 24"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 36"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 48"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 60"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 72"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 84"                      |                      |                         |                      |                          |                              |                               |                              |                                |
| 96"                      |                      |                         |                      |                          |                              |                               |                              |                                |



# ESSENTIALS TORQ-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

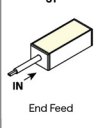
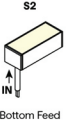
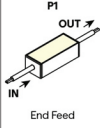
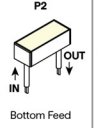
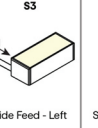
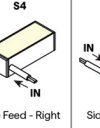
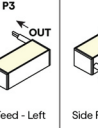
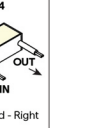
## SW WET LENGTHS BY INCH

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"              | .5"                                         |
| 13"              | .5"                                         |
| 14"              | .5"                                         |
| 15"              | .5"                                         |
| 16"              | .5"                                         |
| 17"              | .5"                                         |
| 18"              | .5"                                         |
| 19"              | .5"                                         |
| 20"              | .5"                                         |
| 21"              | .5"                                         |
| 22"              | .5"                                         |
| 23"              | .5"                                         |
| 24"              | .5"                                         |
| 36"              | .5"                                         |
| 48"              | .5"                                         |
| 60"              | .5"                                         |
| 72"              | .5"                                         |
| 84"              | .5"                                         |
| 96"              | .5"                                         |

### OPTIMAL LENGTH

| Requested Nominal Length | S1 & S2<br> S2<br> | P1 & P2<br> P2<br> | S3 & S4<br> S4<br> | P3 & P4<br> P4<br> |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12"                      | 11.56"                                                                                                                                                                               | 11.71"                                                                                                                                                                               | 11.46"                                                                                                                                                                                   | 11.56"                                                                                                                                                                                   |
| 13"                      | 12.56"                                                                                                                                                                               | 12.71"                                                                                                                                                                               | 12.46"                                                                                                                                                                                   | 12.56"                                                                                                                                                                                   |
| 14"                      | 13.56"                                                                                                                                                                               | 13.71"                                                                                                                                                                               | 13.46"                                                                                                                                                                                   | 13.56"                                                                                                                                                                                   |
| 15"                      | 14.56"                                                                                                                                                                               | 14.71"                                                                                                                                                                               | 14.46"                                                                                                                                                                                   | 14.56"                                                                                                                                                                                   |
| 16"                      | 15.56"                                                                                                                                                                               | 15.71"                                                                                                                                                                               | 15.46"                                                                                                                                                                                   | 15.56"                                                                                                                                                                                   |
| 17"                      | 16.56"                                                                                                                                                                               | 16.71"                                                                                                                                                                               | 16.46"                                                                                                                                                                                   | 16.56"                                                                                                                                                                                   |
| 18"                      | 17.56"                                                                                                                                                                               | 17.71"                                                                                                                                                                               | 17.46"                                                                                                                                                                                   | 17.56"                                                                                                                                                                                   |
| 19"                      | 18.56"                                                                                                                                                                               | 18.71"                                                                                                                                                                               | 18.46"                                                                                                                                                                                   | 18.56"                                                                                                                                                                                   |
| 20"                      | 19.56"                                                                                                                                                                               | 19.71"                                                                                                                                                                               | 19.46"                                                                                                                                                                                   | 19.56"                                                                                                                                                                                   |
| 21"                      | 20.56"                                                                                                                                                                               | 20.71"                                                                                                                                                                               | 20.46"                                                                                                                                                                                   | 20.56"                                                                                                                                                                                   |
| 22"                      | 21.56"                                                                                                                                                                               | 21.71"                                                                                                                                                                               | 21.46"                                                                                                                                                                                   | 21.56"                                                                                                                                                                                   |
| 23"                      | 22.56"                                                                                                                                                                               | 22.71"                                                                                                                                                                               | 22.46"                                                                                                                                                                                   | 22.56"                                                                                                                                                                                   |
| 24"                      | 23.56"                                                                                                                                                                               | 23.71"                                                                                                                                                                               | 23.46"                                                                                                                                                                                   | 23.56"                                                                                                                                                                                   |
| 36"                      | 35.56"                                                                                                                                                                               | 35.71"                                                                                                                                                                               | 35.46"                                                                                                                                                                                   | 35.56"                                                                                                                                                                                   |
| 48"                      | 47.56"                                                                                                                                                                               | 47.71"                                                                                                                                                                               | 47.46"                                                                                                                                                                                   | 47.56"                                                                                                                                                                                   |
| 60"                      | 59.56"                                                                                                                                                                               | 59.71"                                                                                                                                                                               | 59.46"                                                                                                                                                                                   | 59.56"                                                                                                                                                                                   |
| 72"                      | 71.56"                                                                                                                                                                               | 71.71"                                                                                                                                                                               | 71.46"                                                                                                                                                                                   | 71.56"                                                                                                                                                                                   |
| 84"                      | 83.56"                                                                                                                                                                               | 83.71"                                                                                                                                                                               | 83.46"                                                                                                                                                                                   | 83.56"                                                                                                                                                                                   |
| 96"                      | 95.56"                                                                                                                                                                               | 95.71"                                                                                                                                                                               | 95.46"                                                                                                                                                                                   | 95.56"                                                                                                                                                                                   |

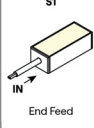
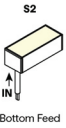
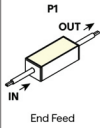
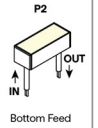
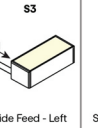
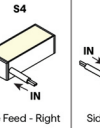
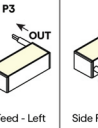
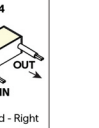
## SW-HE, SW-HE+ DRY, DMP LENGTHS BY INCH

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<br> S2<br> | P1 & P2<br> P2<br> | S3 & S4<br> S4<br> | P3 & P4<br> P4<br> |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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"                                                                                                                                                                                       |



ESSENTIALS TORQ-FLAT (01) STATIC WHITE

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                                                                                                                                       |                                                                                                                                               |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|              | SW24/1.5-4.0                                                                                                                                                                                                                                                                         | SW24/5.0, SW-HE, SW-HE+                                                                                                                                                                                                                                                              | SW24/1.5-4.0                                                                                                                                  | SW24/5.0, SW-HE, SW-HE+                                                                                                                       |
| Dim to Black | Q6M-DC+CAP<br>QTM-DC+CAP<br>iQ-PH<br>iQ-PH+QD1                                                                                                                                                                                                                                       | Q6M-DC+CAP<br>QTM-DC+CAP<br>iQ-PH<br>iQ-PH+QD1                                                                                                                                                                                                                                       | QOM-DC+CAP<br>QOM-PH                                                                                                                          | QOM-DC+CAP<br>QOM-PH                                                                                                                          |
| 0.1%         | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-BOWTIE+DIMMER<br>QZ-DMX<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-BOWTIE+DIMMER<br>QZ-DMX<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | Q-SET-QZ-DMX<br>Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QOM-eLED+DALI-DT6<br>QOM-eLED+PS-DALI-DT6<br>QZ-DMX<br>QZ-PH/0-10V | Q-SET-QZ-DMX<br>Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QOM-eLED+DALI-DT6<br>QOM-eLED+PS-DALI-DT6<br>QZ-DMX<br>QZ-PH/0-10V |
| 1%           | QTM-eLED(E)<br>QZ-DALI-DT6                                                                                                                                                                                                                                                           | QTM-eLED(E)<br>QZ-DALI-DT6                                                                                                                                                                                                                                                           | Q-SET+QZ-DALI-DT6                                                                                                                             | Q-SET+QZ-DALI-DT6                                                                                                                             |
| 10%          | Non-Dim Power Supply with SW App Dongle                                                                                                                                                                                                                                              | Non-Dim Power Supply with SW App Dongle                                                                                                                                                                                                                                              | Q-HEX-mini-DC<br>Q-SET-mLED                                                                                                                   |                                                                                                                                               |

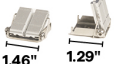


# ESSENTIALS TORQ-FLAT (01) STATIC WHITE

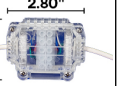
24VDC Linear Fixtures - Surface & Recessed

| DIMMING PROTOCOL | INDOOR                                                                                                                                               |                                                                                                                                                      | OUTDOOR                                                                                 |                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------|
|                  | SW24/1.5-4.0                                                                                                                                         | SW24/5.0, SW-HE, SW-HE+                                                                                                                              | SW24/1.5-4.0                                                                            | SW24/5.0, SW-HE, SW-HE+                                                |
| Non-Dim          | QT-CAB-eLED-ND<br>QTM-eLED-ND<br>QZ-ND                                                                                                               | QT-CAB-eLED-ND<br>QTM-eLED-ND<br>QZ-ND                                                                                                               | Q-SET-QZ-ND<br>Q-SET-eLED-ND<br>QOM-eLED-ND<br>QZ-ND<br>iQ-ND-50-65                     | Q-SET-QZ-ND<br>Q-SET-eLED-ND<br>QOM-eLED-ND<br>QZ-ND<br>iQ-ND-50-65    |
| Phase            | Q6M-DC+CAP<br>QT-CAB-QZ-PH/0-10V<br>QTM-DC+CAP<br>QTM-eLED(E)<br>QZ-BOWTIE+DIMMER<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP<br>iQ-PH<br>iQ-PH+QD1  | Q6M-DC+CAP<br>QT-CAB-QZ-PH/0-10V<br>QTM-DC+CAP<br>QTM-eLED(E)<br>QZ-BOWTIE+DIMMER<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP<br>iQ-PH<br>iQ-PH+QD1  | Q-HEX-mini-DC<br>Q-SET-QZ-PH/0-10V<br>Q-SET-mLED<br>QOM-DC+CAP<br>QOM-PH<br>QZ-PH/0-10V | Q-SET-QZ-PH/0-10V<br>QOM-DC+CAP<br>QOM-PH<br>QZ-PH/0-10V               |
| 0-10V            | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QZ-PH/0-10V                  | Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QZ-PH/0-10V |
| Lutron Athena    | QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6-AWN                                                     | QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6-AWN                                                     |                                                                                         |                                                                        |
| ECO System       | QTM-eLED(E)                                                                                                                                          | QTM-eLED(E)                                                                                                                                          |                                                                                         |                                                                        |
| DMX              | QZ-DMX                                                                                                                                               | QZ-DMX                                                                                                                                               | Q-SET-QZ-DMX<br>QZ-DMX                                                                  | Q-SET-QZ-DMX<br>QZ-DMX                                                 |
| DALI-2: DT6      | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-DALI-DT6                                        | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-DALI-DT6                                        | Q-SET+QZ-DALI-DT6<br>QOM-eLED+DALI-DT6                                                  | Q-SET+QZ-DALI-DT6<br>QOM-eLED+DALI-DT6                                 |
| SCENE App Dimmed | Non-Dim Power Supply with SW App Dongle                                                                                                              | Non-Dim Power Supply with SW App Dongle                                                                                                              |                                                                                         |                                                                        |

## COMPATIBLE MOUNTING ACCESSORIES

|                                                                                                                                                                   |                                                                                                                                                                   |                                                                                                                                                                  |                                                                                                                                                 |                                                                                                                                                       |                                                                                                                               |                                                                                                                               |                                                                                                                                |                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>HINGE - HMB-M</b><br><br>1.41" .71"<br>Adjustable mounting bracket - Medium | <b>HINGE - HMB-L</b><br><br>1.46" 1.29"<br>Adjustable mounting bracket - Large | <b>HINGE - HMB-XL</b><br><br>1.46" 4"<br>Adjustable mounting bracket - XLarge | <b>Q-PIVOT</b><br><br>1.03" .75"<br>Small mounting accessory | <b>Q-ANGLE</b><br><br>1.38" 2.23"<br>Adjustable mounting accessory | <b>NJ-MEDIUM</b><br><br>J Mounting Bracket | <b>NJ-LARGE</b><br><br>J Mounting Bracket | <b>NU-LARGE</b><br><br>U Mounting Bracket | <b>SD-J-LARGE</b><br><br>J Mounting Bracket |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|

## COMPATIBLE WIRING ACCESSORIES

|                                                                                                                                                                                            |                                                                                                                                                                                                |                                                                                                                                                |                                                                                                                                                                                      |                                                                                                                                                 |                                                                                                                                                                           |                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Q-mini-J</b><br><br>1.25" 2"<br>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone) | <b>Q-mini-J5</b><br><br>2.27" 2.80"<br>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone) | <b>BARREL-EXT</b><br><br>8ft barrel cable extender DRY ONLY | <b>BARREL FOUR-FER</b><br><br>Splits lead from one to four LED Barrel connector fixtures, DRY/DMP | <b>CON120-EXT</b><br><br>10ft Con cable extender DRY/DMP/WET | <b>CON FOUR-FER</b><br><br>Splits lead from one to four LED Con connectors DRY/DMP/WET | <b>CON M - BARREL F</b><br><br>Male con to barrel cable adaptor DRY/DMP |
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# ESSENTIALS TORQ-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

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## COMPATIBLE CONTROL ACCESSORIES

### SCENE APP DONGLE



Wi-Fi or Bluetooth  
Connectivity