



### PRODUCT FEATURES

#### COMPACT FIXTURE HOUSING

Width: 2.0" Height: 4.0" One-Piece Extruded Housing Ensures Straighter Rows and Consistent Lens Retention.

#### INDIRECT ILLUMINATION

We offer Three Indirect Illumination Options: Standard Lambertian Optics can now be Upgraded with a Batwing Optic to Provide an Even Illumination Across a Ceiling and an Illuminated Edge Lens Provides an Architectural Glow to the Top and Bottom of the Fixture.

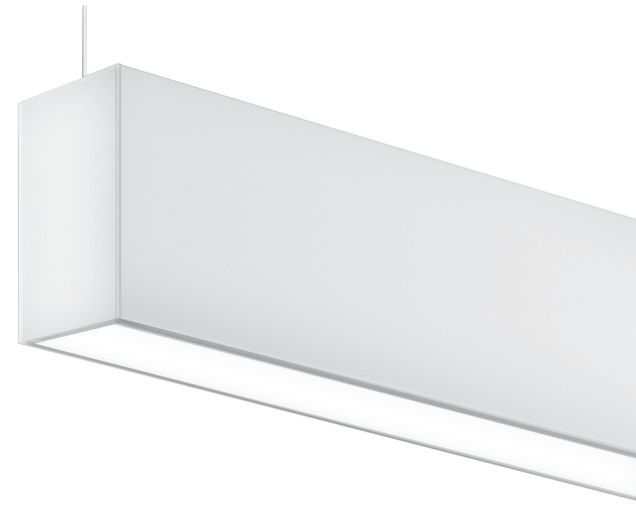
120/277VAC 0-10 VOLT DIMMING TO 1% STANDARD

121-129 LUMENS PER WATT



### ORDERING GUIDE EX: 2SID - 04 - HU - HD - 30 - T1 - WH - EM[1]

| SERIES      | LENGTH  | UPPER OUTPUT         | LOWER OUTPUT         | CCT             | MOUNTING                     | FINISH   |
|-------------|---|----------------------|----------------------|-----------------|------------------------------|--|
| <b>2SID</b> | <b>XX FT</b><br>2' INCREMENTS<br>MAX 72'<br>EX: 4' = 04 | <b>HU</b> 1000 LM/FT | <b>HD</b> 1000 LM/FT | <b>30</b> 3000K | <b>T1</b> 1" T GRID          | <b>WH</b> WHITE  |
|             |   | <b>MU</b> 750 LM/FT  | <b>MD</b> 750 LM/FT  | <b>35</b> 3500K | <b>T9</b> 9/16" T GRID       | <b>BLK **BLACK</b>   |
|             |   | <b>LU</b> 500 LM/FT  | <b>LD</b> 500 LM/FT  | <b>40</b> 4000K | <b>SC</b> SCREW SLOT         | **WHITE FEED CORD & COVER PLATE STANDARD; SEE OPTIONS FOR BLACK FINISH |
|             |   |                      |                      |                 | <b>HC</b> HARD CEILING       |  |
|             |   |                      |                      |                 | <b>JB</b> JUNCTION BOX MOUNT |  |
|             |   |                      |                      |                 |                              |  |



### OPTIONS

| OPTION | DESCRIPTION                                    | QUANTITY PER RUN |
|--------|--|------------------|
| SS-U/D | SEPARATE SWITCHING UP/DOWN                     |                  |
| EM     | *EMERGENCY BATTERY PACK (ADD QUANTITIES BELOW) |                  |
| EC     | EMERGENCY CIRCUIT (ADD QUANTITIES BELOW)       |                  |
| CB96   | 96" FEED CORD & COVER PLATE                    |                  |
| CB144  | 144" FEED CORD & COVER PLATE                   |                  |
| BC     | BLACK FEED CORD & COVER PLATE                  |                  |
| LE     | LOWER ILLUMINATED EDGE                         |                  |
| UE     | UPPER ILLUMINATED EDGE                         |                  |
| BW     | UPPER BATWING                                  |                  |

\*NOT AVAILABLE IN 2' or 4' FIXTURES

**OPTIONS NOTES**  
UNITS WITH EC/EM PACKS QUANTITY MUST BE THE SAME OR LESS THAN THE TOTAL RUN FIXTURE COUNT. NOT ALL OPTIONS ARE AVAILABLE WITH OTHER OPTIONS.

**ROW CONFIGURATION & CUSTOMIZATION**  
PLEASE SEE PAGE 5 FOR ROW CONFIGURATION TABLE AND CUSTOM FIXTURE ROW ACCESSORIES

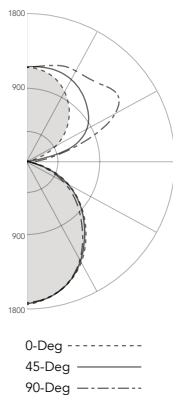
### PHOTOMETRICS

#### 2SID-04-HU-HD-30-WH-BW

Total Lumens: 8,004  
Ratio: 50% Up and 50% Down  
Wattage: 64.5  
Efficacy: 124.10 (Lumens Per Watt)  
Fixture Length: Four Feet

#### ZONAL LUMEN SUMMARY

| Zone     | Lumens | % Fixt |
|----------|--------|--------|
| 0 - 30   | 1199   | 15     |
| 0 - 40   | 1913   | 23.9   |
| 0 - 60   | 3228   | 40.3   |
| 0 - 90   | 3849   | 50     |
| 90 - 120 | 1139   | 14.2   |
| 90 - 130 | 1874   | 23.4   |
| 90 - 150 | 3161   | 39.5   |
| 90 - 180 | 4001   | 50     |
| 0 - 180  | 8001   | 100.00 |

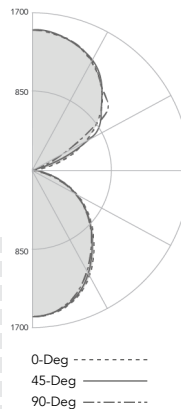


#### 2SID-04-HU-HD-30-WH

Total Lumens: 8,138  
Ratio: 50% Up and 50% Down  
Wattage: 64.8  
Efficacy: 125.60 (Lumens Per Watt)  
Fixture Length: Four Feet

#### ZONAL LUMEN SUMMARY

| Zone     | Lumens | % Fixt |
|----------|--------|--------|
| 0 - 30   | 1196   | 14.7   |
| 0 - 40   | 1907   | 23.4   |
| 0 - 60   | 3219   | 39.6   |
| 0 - 90   | 3988   | 49.0   |
| 90 - 120 | 554    | 6.8    |
| 90 - 130 | 1293   | 15.9   |
| 90 - 150 | 2929   | 36.0   |
| 90 - 180 | 4148   | 51.0   |
| 0 - 180  | 8136   | 100.00 |



### ENERGY CONSUMPTION

WATTS PER LINEAR FOOT

|                       | HU-HD | HU-MD | HU-LD |
|-----------------------|-------|-------|-------|
| <b>WATTS/FT</b>       | 16.20 | 14.15 | 12    |
| <b>lm/FT: OVERALL</b> | 2034  | 1798  | 1548  |
| LUMENS/FT: UPPER      | 1037  | 1037  | 1037  |
| LUMENS/FT: LOWER      | 997   | 761   | 511   |
| <b>LUMENS/W</b>       | 126   | 127   | 129   |
|                       | MU-HD | MU-MD | MU-LD |
| <b>WATTS/FT</b>       | 14.23 | 12.13 | 10.1  |
| <b>lm/FT: OVERALL</b> | 1778  | 1543  | 1292  |
| LUMENS/FT: UPPER      | 781   | 781   | 781   |
| LUMENS/FT: LOWER      | 997   | 761   | 511   |
| <b>LUMENS/W</b>       | 125   | 127   | 128   |
|                       | LU-HD | LU-MD | LU-LD |
| <b>WATTS/FT</b>       | 12.4  | 10.33 | 8.13  |
| <b>lm/FT: OVERALL</b> | 1526  | 1290  | 1039  |
| LUMENS/FT: UPPER      | 528   | 528   | 528   |
| LUMENS/FT: LOWER      | 997   | 761   | 511   |
| <b>LUMENS/W</b>       | 123   | 125   | 128   |

## OPERATION

### Light Engine:

The 2SID is available in 3000K, 3500K & 4000K CCT all within a 2.5-Step MacAdam Ellipse and has a standard CRI of 80+.

**Optics:** The back-lit extruded acrylic lens ensures high-efficiency light output, in a minimal form factor for a clean, evenly illuminated lower surface with minimal glare. The optional Lower Illuminated Edge lens adds an elegant accent and reduces the side glare. The Upper Illuminated Edge extruded acrylic lens creates an illuminated reveal which gives a unique, sharp look to the luminaire.

### Electrical:

Class 2 programmable (factory pre-set) premium power supply, 120-277VAC input. Power factor >0.9. THD <15%. Integral Surge Protection to 2KV.

### Dimming:

The 2SID comes standard with 0-10V dimming down to 1%.

### Emergency Battery Pack:

UL Listed 924 Emergency System has been engineered to exceed UL Minimum Safety Standards. Fixture/rows will be supplied with (unassembled for continuous rows/ assembled "hard wired" to an individual unit) four wire line volt & two wire low volt feed cords. Normal fixture drivers will be wired to "black" switched hot lead with a "red" un-switched through-wire wired to EM battery pack units "qty to be specified" in nomenclature string. Contractor will determine which fixture is the main feed point and terminate fixture leads as appropriate. For most fixtures, the entire direct portion of the fixture will be illuminated by the EM Battery Pack. For 10' High-Output and 12' Medium & High-Output only the first 8' of the direct portion of the fixture will be illuminated by the EM Battery Pack. If unit is specified with SS U/D "separate switching up/down" a separate feed cord will be supplied with feed conductors applicable to feed the un-switched hot to EM packs.

### Emergency Circuit:

Fixture rows will be supplied with two extra (unassembled) five wire feed cord kit's per each EC section requested "qty to be specified" in nomenclature string per run. Contractor will determine which fixture(s) is the EC feed point and terminate fixture leads as appropriate. Low volt control leads can be wired in or set up to run from main point or connected through extra feed cords. Option is intended to power/control both upper and downward apertures. One driver up and one driver down per fixture section typical. If unit is specified with SS U/D "separate switching up/down a feed cord(s) will be supplied with conductors applicable to feed the EC section.

## GENERAL

### Warranty:

Ten (10) Year limited warranty from date of shipment.

### Lumen Maintenance:

Rated for 85% initial lumen output at 50,000 Hours of operation, operated at 25C ambient temperature; per TM-21 Guidelines published by the Illuminating Engineering Society (IES).

### Certification

All Luminaires are UL and cUL listed, approved for Dry/Damp locations. All EM Units are UL 924 listed.

### Shipping

2-Week lead time for orders up to 1000 Linear Feet.

4-Week lead time for orders with a Black finish.

Orders Greater than 1,000' to be determined at time of order.

## MECHANICAL

### Housing Construction:

Extruded Aluminum 6063-T5 alloy outer housing with die-formed steel internal components for strength, alignment and mounting attachment. Our high-quality die-cast end caps are engineered to conceal all fasteners and to retain the sealing gaskets on the inside of the fixture while completing the clean and minimalistic look of this luminaire.

### Alignment/Assembly:

The alignment system employs a seven-point alignment and attachment method, designed to create straighter rows and minimize seams between sections (field assembled). Four alignment pins ensure the outer extruded aluminum rails are aligned, two extended biscuits provide additional strength and a light shield, while a vertical draw-screw secures housing-to-housing attachment.

### Lengths:

The 2SID is available in a minimum 2-foot (nominal) length with additional 2-foot increments available. Longer fixture rows are available and will be configured per ALL factory specifications; typical rows are configured with 4-foot & 8-foot fixtures.

### Mounting Method/Hardware:

Standard hanging hardware includes 1/16" diameter, galvanized steel aircraft cable with adjustable and lockable nickel-plated cable grippers and a white 18/5 S.O. power cord. The standard hardware includes a 60" power cord and 54" aircraft cables to accommodate a 48" mounting distance from the ceiling. Ceiling canopy provided. All suspension hardware is tested and listed to UL1598 requirements for loading/fixture support.

### Exterior Finish:

The 2SID is available in White and Black polyester powder coat finish to ensure durability.

### Suspension Components:

Fixtures are suspended by 1/16" galvanized aircraft cable. Cables are attached to the ceiling suspension point with a 1/4-20 threaded ceiling cable barrel that incorporates a threaded ring to support the feed/hanger canopy allowing access to the j-box/hanger without removal of the suspension cable allowing conductor inspection/service without having to support the fixture(s). Feed canopies are 5" O.D. and hanger canopies are 2" O.D. Cable lengths can be specified for 48", 96" & 144" suspension lengths. Ceiling type options are "T1" T-Grid, "T9" T-Grid, "SC" screw slot grid, "HC" hard ceiling or "JB" hard ceiling j-box mount.

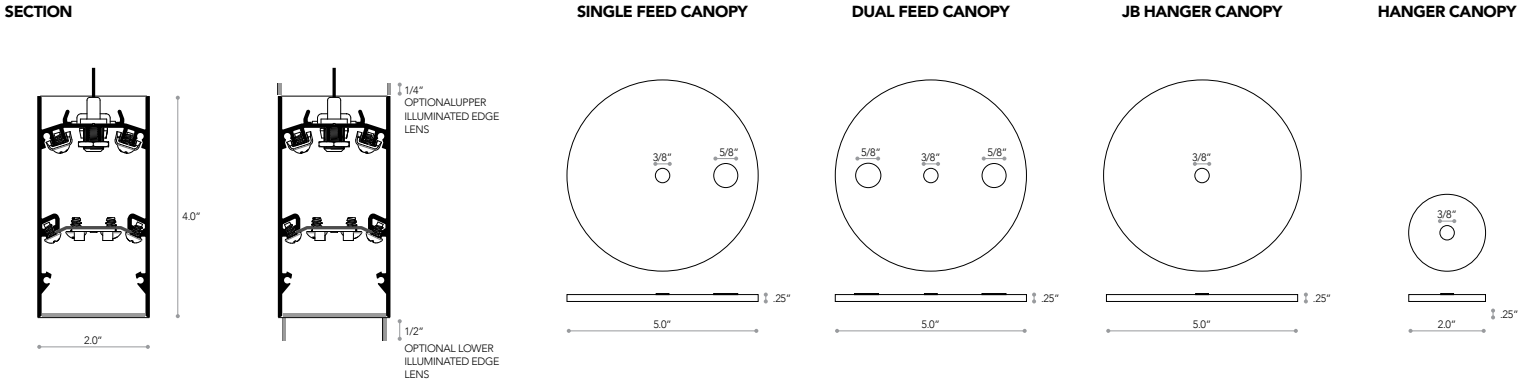
### Made in the USA

All ALL Luminaires and Components (with the exception of our LED boards and drivers) are proudly manufactured and assembled in the USA.

### On Site Installation Notes:

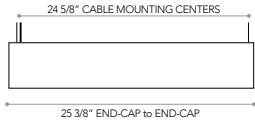
Fixtures will be supplied with the appropriate hardware kits to join two fixtures together for specified on-site row(s) length Please see row chart for grid specific length needed for each row length.

**MOUNTING DETAILS**

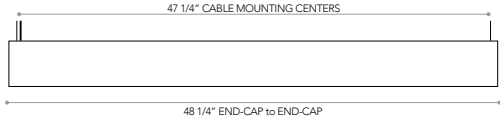


**FIXTURE ROW LAYOUT: SINGLE UNIT 2' - 4' - 6' - 8' - 10' - 12'**

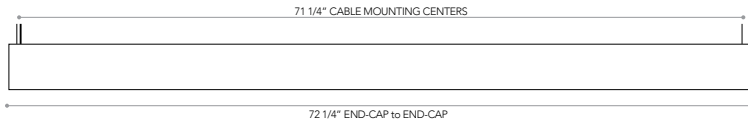
**2' FIXTURE**



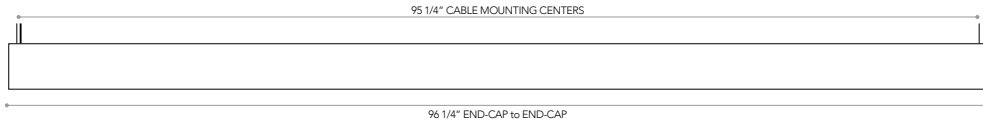
**4' FIXTURE**



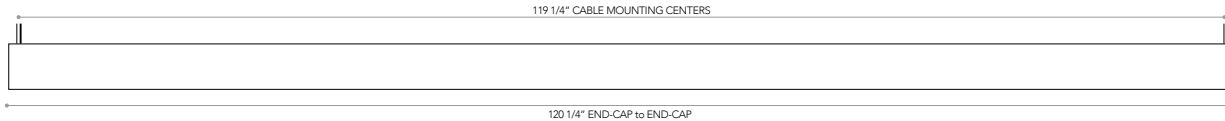
**6' FIXTURE**



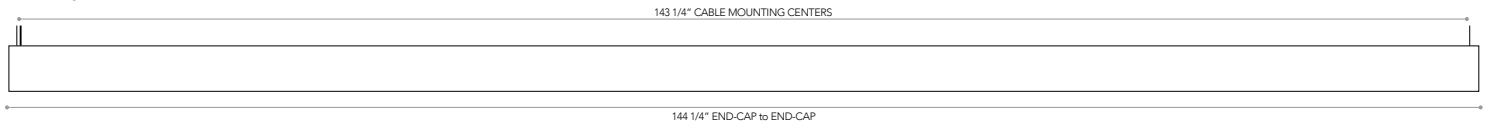
**8' FIXTURE**



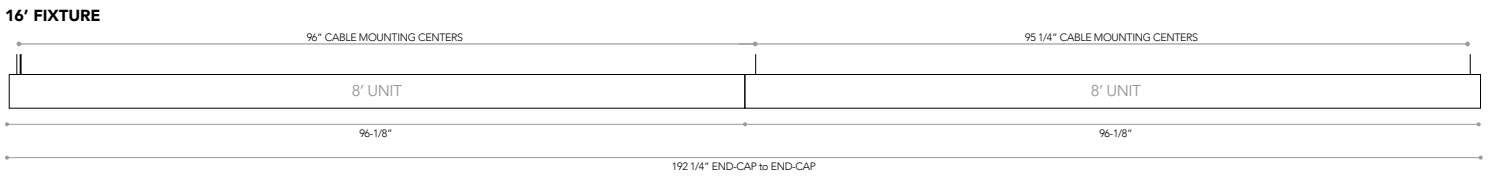
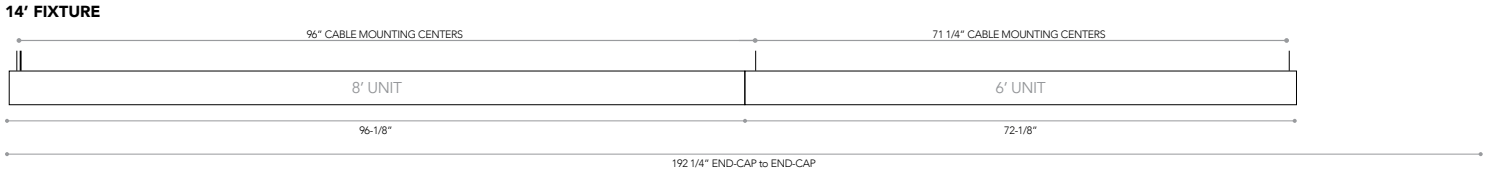
**10' FIXTURE**



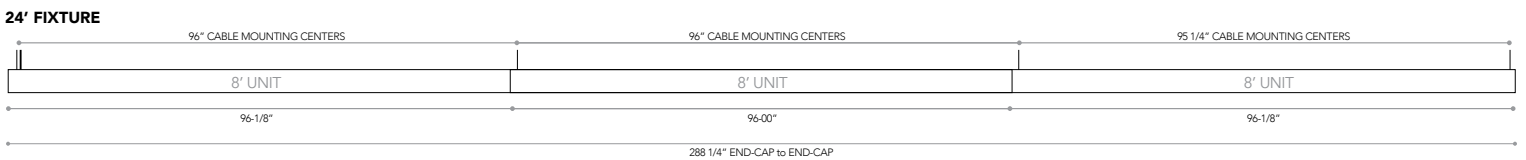
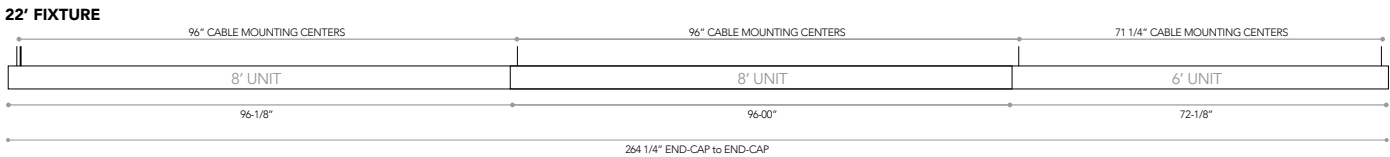
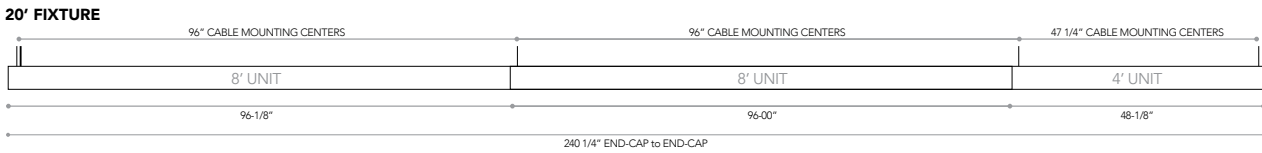
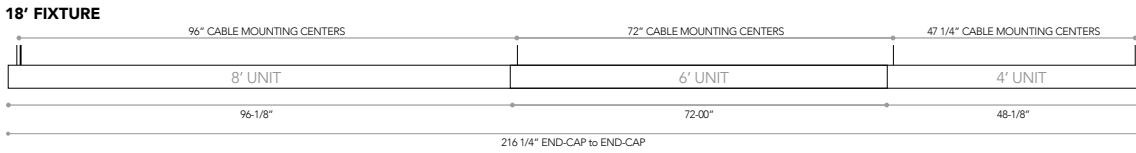
**12' FIXTURE**



**FIXTURE ROW LAYOUT: TWO UNITS 14' - 16'**



**FIXTURE ROW LAYOUT: THREE UNITS 18' - 20' - 22' - 24'**



**FIXTURE ROW COMPONENTS**

| ROW LENGTH | 2' - UNIT | 4' - UNIT | 6' - UNIT | 8' - UNIT | 10' - UNIT | 12' - UNIT | JOINER KITS | END CAPS | END-CAP TO END-CAP |
|------------|-----------|-----------|-----------|-----------|------------|------------|-------------|----------|--------------------|
| 2'         | 1         | -         | -         | -         | -          | -          | -           | -        | 24-1/4"            |
| 4'         | -         | 1         | -         | -         | -          | -          | -           | -        | 48-1/4"            |
| 6'         | -         | -         | 1         | -         | -          | -          | -           | -        | 72-1/4"            |
| 8'         | -         | -         | -         | 1         | -          | -          | -           | -        | 96-1/4"            |
| 10'        | -         | -         | -         | -         | 1          | -          | -           | -        | 120-1/4"           |
| 12'        | -         | -         | -         | -         | -          | 1          | -           | -        | 144-1/4"           |
| 14'        | -         | -         | 1         | 1         | -          | -          | 1           | 2        | 168-1/4"           |
| 16'        | -         | -         | -         | 2         | -          | -          | 1           | 2        | 192-1/4"           |
| 18'        | -         | 1         | 1         | 1         | -          | -          | 2           | 2        | 216-1/4"           |
| 20'        | -         | 1         | -         | 2         | -          | -          | 2           | 2        | 240-1/4"           |
| 22'        | -         | -         | 1         | 2         | -          | -          | 2           | 2        | 264-1/4"           |
| 24'        | -         | -         | -         | 3         | -          | -          | 2           | 2        | 288-1/4"           |
| 26'        | -         | 1         | 1         | 2         | -          | -          | 3           | 2        | 312-1/4"           |
| 28'        | -         | 1         | -         | 3         | -          | -          | 3           | 2        | 336-1/4"           |
| 30'        | -         | -         | 1         | 3         | -          | -          | 3           | 2        | 360-1/4"           |
| 32'        | -         | -         | -         | 4         | -          | -          | 3           | 2        | 384-1/4"           |
| 34'        | -         | 1         | 1         | 3         | -          | -          | 4           | 2        | 408-1/4"           |
| 36'        | -         | 1         | -         | 4         | -          | -          | 4           | 2        | 432-1/4"           |
| 38'        | -         | -         | 1         | 4         | -          | -          | 4           | 2        | 456-1/4"           |
| 40'        | -         | -         | -         | 5         | -          | -          | 4           | 2        | 480-1/4"           |
| 42'        | -         | 1         | 1         | 4         | -          | -          | 5           | 2        | 504-1/4"           |
| 44'        | -         | 1         | -         | 5         | -          | -          | 5           | 2        | 528-1/4"           |
| 46'        | -         | -         | 1         | 5         | -          | -          | 5           | 2        | 552-1/4"           |
| 48'        | -         | -         | -         | 6         | -          | -          | 5           | 2        | 576-1/4"           |
| 50'        | -         | 1         | 1         | 5         | -          | -          | 6           | 2        | 600-1/4"           |
| 52'        | -         | 1         | -         | 6         | -          | -          | 6           | 2        | 624-1/4"           |
| 54'        | -         | -         | 1         | 6         | -          | -          | 6           | 2        | 648-1/4"           |
| 56'        | -         | -         | -         | 7         | -          | -          | 6           | 2        | 672-1/4"           |
| 58'        | -         | 1         | 1         | 6         | -          | -          | 7           | 2        | 696-1/4"           |
| 60'        | -         | 1         | -         | 7         | -          | -          | 7           | 2        | 720-1/4"           |
| 62'        | -         | -         | 1         | 7         | -          | -          | 7           | 2        | 744-1/4"           |
| 64'        | -         | -         | -         | 8         | -          | -          | 7           | 2        | 768-1/4"           |
| 66'        | -         | 1         | 1         | 7         | -          | -          | 8           | 2        | 792-1/4"           |
| 68'        | -         | 1         | -         | 8         | -          | -          | 8           | 2        | 816-1/4"           |
| 70'        | -         | -         | 1         | 8         | -          | -          | 8           | 2        | 840-1/4"           |
| 72'        | -         | -         | -         | 9         | -          | -          | 8           | 2        | 864-1/4"           |

**Note 1**  
Suspended Mount Fixtures have Cable Mounting Holes 1/2" from End-Cap

**CUSTOM FIXTURE ROW ACCESSORIES** **ADDITIONAL FEED CORD KIT**  
APPROPRIATE 5" COVER PLATE, MOUNTING HARDWARE & FEED CORD(S)

| KIT       | LENGTH                 | MOUNTING  | FUNCTION                         | COLOR            | QUANTITY |
|-----------|------------------------|-----------|----------------------------------|------------------|----------|
| <b>FK</b> | <b>48</b> 48" LENGTH   | <b>T1</b> | <b>ST</b> STANDARD 0-10V DIMMING | <b>WH</b> WHITE  |          |
|           | <b>96</b> 96" LENGTH   | <b>T9</b> | <b>SS-U/D</b>                    | <b>BLK</b> BLACK |          |
|           | <b>144</b> 144" LENGTH | <b>SC</b> | <b>EM</b>                        |                  |          |
|           |                        | <b>HC</b> |                                  |                  |          |
|           |                        | <b>JB</b> |                                  |                  |          |