



**Linear Pro™**

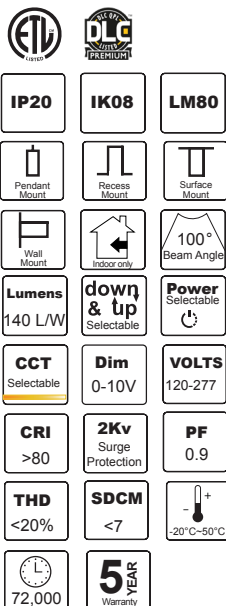
**americanlite®**

**We light your world™**



## Linear Pro™ Series

Down / Up & Down Selectable  
CCT & Power Selectable  
10w - 100w  
2' / 3' / 4' / 8'



Americanlite® LED linear lighting collection is made to simply integrate into the surroundings of a place and keep the spotlight where it needs to be: the comfort and productivity of its occupants. Because there is power in simplicity, Americanlite® LED lighting fixtures are recognized for their quality, reliability, and solid performance, making Americanlite® one of the most specified brands in the lighting industry.

Linear Pro™ Series is specifically crafted to be the most versatile and powerful linear fixture in the market. Every Linear Pro™ fixture is ready for single or continuous run; we have integrated connectors allowing several fixtures in one row using only one power cable. Suspended, recessed mounting or surface mounting, no limits. But... we didn't stop there; we have elevated Linear Pro™ Series to another level.

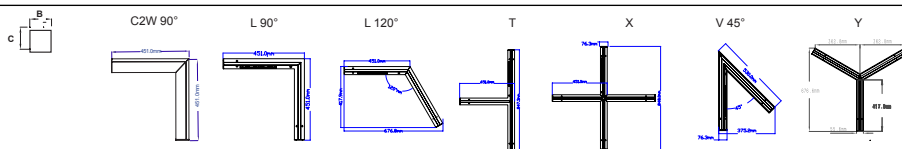
Linear Pro™ Series offers Selectable Technology™: Power, CCT, Down and / or Up lighting selection within an easy to use multiple switching position toggles, to achieve the most precise configuration to fulfill any architectural and light level requirement.

Linear Pro™ Series is built on a heavy-duty extruded Aluminum 6063 ("architectural aluminum") 1 mm thickness, for the perfect blend of strength, weight, and thermal performance. Linear Pro™ Series utilizes a 1.2 mm frosted polycarbonate diffuser which provides an exceptional lumen output that translates to effective luxes across the area. We have incorporated premium components, adjustable aircraft cable, power cable with rubber sleeve, UL Specification Grade dimmable 0-10v driver with 2KV SP and powerful led package. Too warm or too cool? Simply toggle the CCT integrated switch to your desired setting and you are done! Whatever your application, Linear Pro™ Series are sure to give you the feel and flexibility that you need.

Linear Pro™ has a minimalist design perfect for offices, schools, retail spaces, hotels and institutional projects, looking to accommodate large footprints. The neutral, rectilinear form factor is impressive—but the energy-saving LED, advanced technology and reliable performance sets a new standard. Linear Pro™ Series produces comfortable high-quality ambient illumination that can improve occupant comfort and productivity.

### Dimensions (mm)

| Model | A    | B    | C    |
|-------|------|------|------|
| 2'    | 600  | 55.8 | 76.3 |
| 3'    | 900  | 55.8 | 76.3 |
| 4'    | 1200 | 55.8 | 76.3 |
| 8'    | 2400 | 55.8 | 76.3 |



### Ordering information

| Item     | Size | Selectable Power | Selectable 3 CCT | Lumens                 |
|----------|------|------------------|------------------|------------------------|
| AL586449 | 2'   | 25w/20w/15w/10w  | 35K/4K/5K        | 3500/2800/2100/1400    |
| AL586450 | 3'   | 35w/30w/25w/20w  | 35K/4K/5K        | 4900/4200/3500/2800    |
| AL586451 | 4'   | 35w/30w/25w/20w  | 35K/4K/5K        | 4900/4200/3500/2800    |
| AL586451 | 4'   | 50w/45w/40w/35w  | 35K/4K/5K        | 7000/6300/5600/4900    |
| AL586452 | 8'   | 100w/90w/75w/60w | 35K/4K/5K        | 14000/12600/10500/8400 |

| Item     | Size | Selectable Power | Selectable 5 CCT | Lumens                 |
|----------|------|------------------|------------------|------------------------|
| AL586453 | 2'   | 25w/20w/15w/10w  | 3K/35K/4K/5K/57K | 3500/2800/2100/1400    |
| AL586454 | 3'   | 35w/30w/25w/20w  | 3K/35K/4K/5K/57K | 4900/4200/3500/2800    |
| AL586454 | 4'   | 35w/30w/25w/20w  | 3K/35K/4K/5K/57K | 4900/4200/3500/2800    |
| AL586455 | 4'   | 50w/45w/40w/35w  | 3K/35K/4K/5K/57K | 7000/6300/5600/4900    |
| AL586456 | 8'   | 100w/90w/75w/60w | 3K/35K/4K/5K/57K | 14000/12600/10500/8400 |

| Item     | Size   | Selectable Power | Selectable 3 CCT | Lumens                |
|----------|--------|------------------|------------------|-----------------------|
| AL586431 | C2W    | 35w/30w/25w/20w  | 35K/4K/5K        | 4900/4200/3500/2800   |
| AL586431 | C2W    | 40w/35w/30w/25w  | 35K/4K/5K        | 5600/4900/4200/3500   |
| AL586469 | 90° L  | 35w/30w/25w/20w  | 35K/4K/5K        | 4900/4200/3500/2800   |
| AL586469 | 90° L  | 40w/35w/30w/25w  | 35K/4K/5K        | 5600/4900/4200/3500   |
| AL586470 | 120° L | 35w/30w/25w/20w  | 35K/4K/5K        | 4900/4200/3500/2800   |
| AL586470 | 120° L | 40w/35w/30w/25w  | 35K/4K/5K        | 5600/4900/4200/3500   |
| AL586471 | T      | 50w/45w/38w/30w  | 35K/4K/5K        | 7000/6300/5320/4200   |
| AL586471 | T      | 60w/55w/50w/45w  | 35K/4K/5K        | 8400/7700/7000/6300   |
| AL586472 | X      | 70w/60w/50w/40w  | 35K/4K/5K        | 9800/8400/7000/5600   |
| AL586472 | X      | 80w/75w/70w/65w  | 35K/4K/5K        | 11200/10500/9800/9100 |
| AL586478 | V      | 35w/30w/25w/20w  | 35K/4K/5K        | 4900/4200/3500/2800   |
| AL586478 | V      | 40w/35w/30w/25w  | 35K/4K/5K        | 5600/4900/4200/3500   |
| AL586492 | Y      | 50w/45w/38w/30w  | 35K/4K/5K        | 7000/6300/5320/4200   |
| AL586492 | Y      | 60w/55w/50w/45w  | 35K/4K/5K        | 8400/7700/7000/6300   |

| Item     | Size   | Selectable Power | Selectable 5 CCT | Lumens                |
|----------|--------|------------------|------------------|-----------------------|
| AL586432 | C2W    | 35w/30w/25w/20w  | 3K/35K/4K/5K/57K | 4900/4200/3500/2800   |
| AL586432 | C2W    | 40w/35w/30w/25w  | 3K/35K/4K/5K/57K | 5600/4900/4200/3500   |
| AL586473 | 90° L  | 35w/30w/25w/20w  | 3K/35K/4K/5K/57K | 4900/4200/3500/2800   |
| AL586473 | 90° L  | 40w/35w/30w/25w  | 3K/35K/4K/5K/57K | 5600/4900/4200/3500   |
| AL586474 | 120° L | 35w/30w/25w/20w  | 3K/35K/4K/5K/57K | 4900/4200/3500/2800   |
| AL586474 | 120° L | 40w/35w/30w/25w  | 3K/35K/4K/5K/57K | 5600/4900/4200/3500   |
| AL586475 | T      | 50w/45w/38w/30w  | 3K/35K/4K/5K/57K | 7000/6300/5320/4200   |
| AL586475 | T      | 60w/55w/50w/45w  | 3K/35K/4K/5K/57K | 8400/7700/7000/6300   |
| AL586476 | X      | 70w/60w/50w/40w  | 3K/35K/4K/5K/57K | 9800/8400/7000/5600   |
| AL586476 | X      | 80w/75w/70w/65w  | 3K/35K/4K/5K/57K | 11200/10500/9800/9100 |
| AL586479 | V      | 35w/30w/25w/20w  | 3K/35K/4K/5K/57K | 4900/4200/3500/2800   |
| AL586479 | V      | 40w/35w/30w/25w  | 3K/35K/4K/5K/57K | 5600/4900/4200/3500   |
| AL586499 | Y      | 50w/45w/38w/30w  | 3K/35K/4K/5K/57K | 7000/6300/5320/4200   |
| AL586499 | Y      | 60w/55w/50w/45w  | 3K/35K/4K/5K/57K | 8400/7700/7000/6300   |

### Accessories

|                                            |                                                                                                                   |                      |                |                   |                                        |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------|----------------|-------------------|----------------------------------------|
| AL586457 Suspension Mount Kit (cable 1.2m) | AL586458 Frameless Recess Mount Kit                                                                               | Recessed Mount Frame | Wall Mount Kit | Surface Mount Kit | Options                                |
| AL586459 Cuttable Plastic Cover (10m roll) | Pieces needed:<br>2' 3' 4' = 2 pcs<br>8' = 4 pcs<br>L & V Shape = 2 pcs<br>T & Y Shape = 3 pcs<br>X Shape = 4 pcs | AL586461 2'          | AL586465 2'    | AL586430 2' - 8'  | Blank White housing                    |
| AL586460 Continuous Run Kit                |                                                                                                                   | AL586462 3'          | AL586466 3'    |                   | B Black housing                        |
|                                            |                                                                                                                   | AL586463 4'          | AL586467 4'    |                   | MS Microwave Sensor                    |
|                                            |                                                                                                                   | AL586464 8'          | AL586468 8'    |                   | EM ER Battery 10w / 90min (KVD-KM-10w) |

### Notes

- Lumen and Power Tolerance: ± 10%
- Lumens based on 57K/5K/4K
- 57K/5K/4K= 140lxw 3K/35K=130lxw
- LED Chips: Bridgelux 2835
- Driver brand: Beauty Power LED driver
- L70 @ 72,000 Hours
- L90:
- 24/25W > 49000hrs
- 35/30W > 49000hrs
- 40/35W > 46000hrs
- 84/100W > 45000hrs

- Housing Aluminum: 1mm thickness
- PC Frosted Lens: 1.2mm thickness
- Power cable Length: 1.2m long
- Surface mount: 4 pcs expansion tubes / self tapping screws included
- Recommended use: 15 hours / day
- To avoid product damage or voided warranty, 24/7 mode available, Please contact Americanlite for more details
- C2W = Ceiling to wall transition

- Conforms to UL STD.1598
- Certified to CSA STD.C22.2 NO.250.0
- Continuous Run Kit: At least 1 x union
- \*K\* up to 4 // \*T\* up to 3
- \*L\* up to 2 // \*V\* up to 2
- Linear up to 2
- Different size and shape fixtures can be linked in one row, the maximum continuous run power is limited to 600w with one power cord
- Power up to 600w with one power cable
- 2=24pcs, 3=17pcs 4=12pcs, 8=6pcs
- No limit to mechanically link fixtures in one row.
- (do not exceed # of fixture per power cable)

- 4 Switches:
- Wattage Selection (4 positions)
- CCT Selection for up light (3 or 5 positions)
- CCT Selection for down light (3 or 5 positions)
- Light Distribution (5 positions)

|      | UP | 100% | 70% | 50% | 30%  | 0% |
|------|----|------|-----|-----|------|----|
| Down | 0% | 30%  | 50% | 70% | 100% |    |

- EM Drivers
- 4' & 8' installed inside fixture
- 2' & 3' outside fixture

### Packing Information

#### Fixtures

| Model | CBM/master | Pieces/ Carton | Carton (cm)       | G.W. (KGS) |
|-------|------------|----------------|-------------------|------------|
| 2'    | 0.0190     | 4              | 71 x 14.5 x 18.5  | 8.9        |
| 3'    | 0.0280     | 4              | 101 x 14.5 x 18.5 | 7.6        |
| 4'    | 0.0350     | 4              | 131 x 14.5 x 18.5 | 10.7       |
| 8'    | 0.0670     | 4              | 250 x 14.5 x 18.5 | 16.3       |

| Model        | CBM/master | Pieces/ Carton | Carton (cm)      | G.W. (KGS) |
|--------------|------------|----------------|------------------|------------|
| L 90° & C2W  | 0.0103     | 5              | 48 x 48 x 45     | 10         |
| L 120° & C2W | 0.1417     | 5              | 70 x 45 x 45     | 11         |
| T            | 0.1890     | 5              | 87.5 x 48 x 45   | 13         |
| X            | 0.3425     | 5              | 87.5 x 87 x 45   | 16.5       |
| V            | 0.1008     | 5              | 56 x 40 x 45     | 10         |
| Y            | 0.2395     | 5              | 75.5 x 70.5 x 45 | 14.5       |

#### Accessories

| Model             | CBM/master | Pieces/ Carton | Carton (cm)    | G.W. (KGS) |
|-------------------|------------|----------------|----------------|------------|
| Wall Mount Kit 2' | 0.0250     | 10             | 62 x 47 x 8.5  | 5.5        |
| Wall Mount Kit 3' | 0.0360     | 10             | 91 x 47 x 8.5  | 7          |
| Wall Mount Kit 4' | 0.0490     | 10             | 122 x 47 x 8.5 | 8.5        |
| Wall Mount Kit 8' | 0.0490     | 5              | 122 x 47 x 8.5 | 8.5        |

| Model                   | CBM/master | Pieces/ Carton | Carton (cm)     | G.W. (KGS) |
|-------------------------|------------|----------------|-----------------|------------|
| Recessed Mount Frame 2' | 0.0330     | 20             | 65 x 50.5 x 10  | 6.5        |
| Recessed Mount Frame 3' | 0.0480     | 20             | 95 x 50.5 x 10  | 8.8        |
| Recessed Mount Frame 4' | 0.0630     | 20             | 125 x 50.5 x 10 | 10         |
| Recessed Mount Frame 8' | 0.0630     | 10             | 125 x 50.5 x 10 | 10         |

| Model                      | CBM/master | Pieces/ Carton | Carton (cm)        | G.W. (KGS) |
|----------------------------|------------|----------------|--------------------|------------|
| Suspension Mount Kit       | 0.0420     | 50             | 65.5 x 27.5 x 23.5 | 17.5       |
| Frameless Recess Mount Kit | 0.0180     | 20             | 34 x 19 x 28       | 12         |
| Cuttable Plastic Cover     | 0.0130     | 10             | 57 x 15.5 x 15.5   | 15         |
| Continuous Run Kit         | 0.0320     | 40             | 66 x 33 x 15       | 9          |



## Warranty

---

Americanlite® is pleased to provide up to a 5 year limited warranty covering the LED fixtures on this catalogue. Americanlite® warrants that the LED fixtures comply with Americanlite®'s published specifications and are free from defects in materials and workmanship.

All our equipment is CE, ETL or UL approved and manufactured with approved components. Americanlite® reserves the right to change or improve the design or components of any of its products due to parts availability or changes in standards, without assuming any obligation to modify any product previously manufactured and without notice. All equipment is tested and inspected before shipment.

This warranty is void if the product is operated outside of its normal operating conditions. The foregoing warranty does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code or instructions for use in installations, including, but not limited to, those contained in the Standards for the International Electrotechnical Commission. Americanlite® reserves and has the right to examine failed fixtures to determine the cause of failure, excessive lumen depreciation and patterns of usage.