

### TECHNICAL DATA



**POWER CONSUMPTION** – Saves 50-70%.

**EXPECTED LED LIFE** – 100,000 hrs.

**LED TECHNOLOGY** – Latest technology on Hi-Flux LEDs.  
Minimal CRI of 70.

**OPTICS** – Special secondary optical lens design to maximize light output & uniformity. Each lens allows the fixture to generate different lighting patterns. Dimmable option.

**DISTRIBUTION LAYOUT** – Available: Type II, III, IV, V.

**OPERATING TEMPERATURE** – -40 C° ~ +70 C°.

**HOUSING** – Die cast aluminum housing with powder coat finish. Single, self-contained device, not requiring on-site assembly for installation, designed to prevent the buildup of water and accumulated debris. Tool-less entry housing. Watertight, IP66.

**THERMAL MANAGEMENT** – Heat sink fins are incorporated into the external design to allow for dispensing heat.

**MOUNTING** – ±5° mounting angle adjustability. Easy mounting hardware for mounting angles and different pole sizes.

**ELECTRICAL FEATURES** – Integral power surge protector tested in conformance to ANSI/IEEE C62.45 procedures. Comes with a variable voltage power supply either 120-277VAC or 249-528VAC. Twist-lock photocell included (3 or 7 pins). UL 1598, UL 8750, and CSA C22.2 certified.

**LUMINAIRE EFFICACY** – ≥ 115 lm/w.

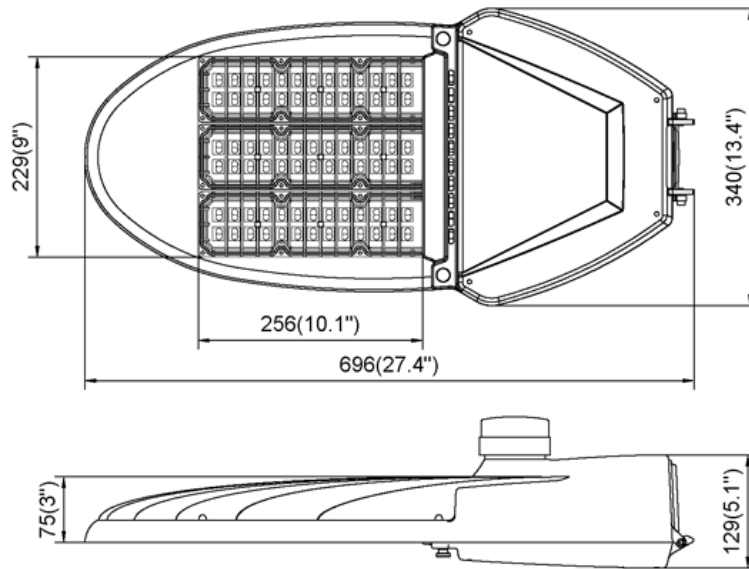
**COLOR CORRELATED TEMPERATURE (CCT)** – 3,000K to 6,000K.



| Model Number:  | DURA-ST20 | DURA-ST25 | DURA-ST40 | DURA-ST40S |
|----------------|-----------|-----------|-----------|------------|
| Wattage Level: | 100W      | 140W      | 185W      | 220W       |
| Lumen Output*: | ≈ 12100   | ≈ 17000   | ≈ 21300   | ≈ 25000    |
| CRI:           | > 70      | > 70      | > 70      | > 70       |
| Power Factor:  | > 0.9     | > 0.9     | > 0.9     | > 0.9      |
| Weight (lbs):  | ≤ 16      | ≤ 16      | ≤ 16      | ≤ 16       |
| EPA (sqft):    | 0.65      | 0.65      | 0.65      | 0.65       |

Any additional technical information or sales support regarding these and other LED Products, please contact us:

### HOUSING SIZES:



### ORDERING/OPTIONS

**Example:** DURA-ST20-4K-120-2-GR-SC

| PREFIX      |           | SERIES    |          | WATTAGE LEVEL |        | CCT       |                |
|-------------|-----------|-----------|----------|---------------|--------|-----------|----------------|
| <b>DURA</b> | DURALIGHT | <b>ST</b> | Lighting | <b>20</b>     | ≈ 100W | <b>3K</b> | 3000K (± 300)  |
|             | LED       |           | Series   | <b>25</b>     | ≈ 140W | <b>4K</b> | 4000K (± 300)  |
|             |           |           |          | <b>40</b>     | ≈ 185W |           | (Standard CCT) |
|             |           |           |          | <b>40S</b>    | ≈ 220W | <b>5K</b> | 5000K (± 300)  |
|             |           |           |          |               |        | <b>6K</b> | 6000K (± 300)  |

| VOLTAGE    |                   | DISTRIBUTION |          | FINISH    |                            | OPTIONS   |                           |
|------------|-------------------|--------------|----------|-----------|----------------------------|-----------|---------------------------|
| <b>120</b> | 120V – 277V       | <b>2</b>     | Type II  | <b>GR</b> | Gray Housing               | <b>PC</b> | Photocell <sup>1</sup>    |
|            | (Standard Driver) | <b>3</b>     | Type III |           | (Standard)                 | <b>SC</b> | Shorting Cap <sup>1</sup> |
| <b>480</b> | 480V              | <b>4</b>     | Type IV  | <b>BK</b> | Black <sup>2</sup>         | <b>DM</b> | Dimming                   |
|            |                   | <b>5</b>     | Type V   | <b>BZ</b> | Bronze <sup>2</sup>        |           | (0-10V Driver)            |
|            |                   |              |          | <b>DG</b> | Dark Green <sup>2</sup>    | <b>L</b>  | Utility Label             |
|            |                   |              |          | <b>SP</b> | Special Color <sup>2</sup> | <b>B</b>  | Bubble Level              |
|            |                   |              |          |           | (Provide Chip)             |           |                           |

- NOTE:**
1. Fixtures come with a Standard 7-Pin Receptacle.
  2. Color other than the standard Gray may incur an extra charge. Please contact us for additional information.

**TRASTAR, INC.**

860 N. DOROTHY DRIVE, SUITE 600, RICHARDSON, TX 75081

PH: (972) 480-0888 | FX: (972) 480-8884

[www.trastarusa.com](http://www.trastarusa.com)