



KELVIN (CCT):

**4100K** 841

|              |       |
|--------------|-------|
| PART NUMBER: | DATE: |
| PROJECT #:   | TYPE: |
| PREPARED BY: |       |

PART NUMBER:

## FF8/T5/841

### 8W T5 LINEAR FLUORESCENT LAMPS

Fusion T5 fluorescent lamps provide the efficiency of fluorescent technology in recessed, surface mounted and specialty fixtures. The 24,000 + hour\*\* lifetime of these lamps far outlast all standard equivalents, saving you money on replacement labour and maintenance costs. These lamps save up to 75% in energy costs of the equivalent wattage standard lamps, for significant cost savings, and lower maintenance lighting solutions.

**FEATURES & BENEFITS:**

- Long Life - 24,000+ Hour\*\* lamp life
- Save on re-lamping and replacement costs
- High CRI - Excellent colour rendering for improved visual impact
- Wide Range of Colour Temperatures - Light your space to suit your ambience
- Instant Start - No warm-up time, and flicker-free operation
- TCLP Compliant
- High Lumen Output
- Fully Dimmable
- 2 Year Warranty\*\*
- Benefits a cleaner environment

**AVAILABLE TYPES:**

- 54 Watt: FF54/T5 835/841/850

**APPLICATIONS:**

- Commercial: Offices & Hospitals - Ambient Lighting, Task Lighting, etc.
- Retail: Malls, Shopping Centers, Stores, etc.
- Hospitality: Restaurants, Hotels, etc.
- Recreational: Sports Facilities, Gymnasiums, etc.
- Industrial: Warehousing, Manufacturing Facilities, etc.

**APPROVALS**



**ORDERING INFORMATION:**

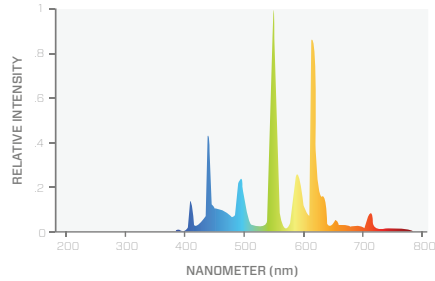
| PART NUMBER | DESCRIPTION            | UNIT QTY | CASE QTY | CASE DIMENSIONS                      | CASE WEIGHT    |
|-------------|------------------------|----------|----------|--------------------------------------|----------------|
| FF8/T5/841  | 8W T5 Fluorescent Tube | 1        | 100      | 330 x 160 x 180 mm - 35.4 x 4 x 4 in | 3.2kg - 7.1lbs |

**OPERATING SPECIFICATIONS:**

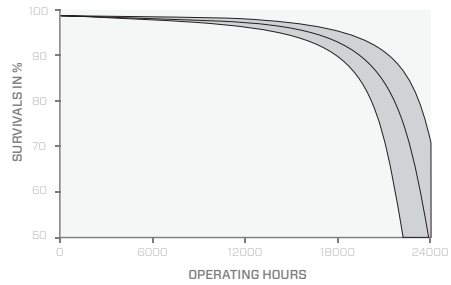
| PART NUMBER | LAMP WATTS | NOMINAL VOLTAGE | INITIAL LUMENS | MEAN LUMENS | EFFICACY | RATED LIFE (HOURS) | CCT   | CRI    | WARRANTY |
|-------------|------------|-----------------|----------------|-------------|----------|--------------------|-------|--------|----------|
| FF8/T5/841  | 8W         | 56 ± 8V         | 450 lm         | 423 lm      | 56 lm/W  | 6,000 hrs          | 4100K | 82+ Ra | 1 Year   |

OPERATING SPECIFICATIONS:

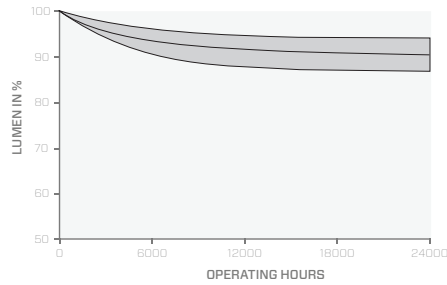
1.1 - SPECTRAL POWER DISTRIBUTION - 4100K (841)



2.1 - LIFE EXPECTANCY



2.2 - LUMEN MAINTENANCE



ELECTRICAL SPECIFICATIONS:

| PART NUMBER | STARTING TYPE | NOMINAL LAMP OPERATING VOLTAGE | NOMINAL LAMP OPERATING CURRENT | OPERATING FREQUENCY | HOT CATHODE RESISTANCE | BALLAST TYPE |
|-------------|---------------|--------------------------------|--------------------------------|---------------------|------------------------|--------------|
| FF8/T5/8**  | Instant       | 56 ± 8V                        | 0.15 A                         | 60Hz                | 80 ± 20 Ω              | Rapid Start  |

\* NOTE: Physical specifications are the same for all colour temperatures

PHYSICAL SPECIFICATIONS:

| PART NUMBER | LAMP STYLE | BULB FINISH | BASE             | DIAMETER | NOMINAL LENGTH | A                | B                 | C                 | D               | PHOSPHOR     |
|-------------|------------|-------------|------------------|----------|----------------|------------------|-------------------|-------------------|-----------------|--------------|
| FF8/T5/8**  | T5         | Coated      | G5 (Min. Bi-Pin) | 5/8"     | 11 7/8"        | 288.3 mm - 8.35" | 295.4 mm - 11.35" | 302.5 mm - 11.63" | 17.0 mm - 0.67" | Tri-Phosphor |

\* NOTE: Physical specifications are the same for all colour temperatures

