

# HYUNDAI


**LED T5 Batten 10W 3000K/6500K**

**Technical Specification**

## Product Specifications

|                      |                                   |
|----------------------|-----------------------------------|
| Product Description: | 10W LED T5 Batten 10W 3000K/6500K |
|----------------------|-----------------------------------|

### A、 Appearance Description

|  | Component NO | Component Name | Material Technics | Color Effect | Remark |
|--|--------------|----------------|-------------------|--------------|--------|
|  | 1            | Diffuser       | PC                |              |        |
|  | 2            | Body           | PC                |              |        |
|  | 3            | Connector      | PC                |              |        |
|  |              |                |                   |              |        |

### B、 Structure

| Parameter           | Units | Min              | Rating | Max | Remark |
|---------------------|-------|------------------|--------|-----|--------|
| Surface Treatment   |       | PC               |        |     |        |
| Driver              |       | internal         |        |     |        |
| Installation Method |       | Surface Mounting |        |     |        |
| length              | mm    | 615              | 618    | 620 |        |
| Height              | mm    | 32               | /      | 36  |        |
| Weight              | g     | 70               | 80     | 100 |        |

### C、 Product Certification

|           |   |
|-----------|---|
| Standards | <input checked="" type="checkbox"/> IEC 60598 Series <input checked="" type="checkbox"/> EMC <input checked="" type="checkbox"/> LVD<br><input checked="" type="checkbox"/> IEC 61347 Series <input type="checkbox"/> GB19510<br><input checked="" type="checkbox"/> IEC62031 <input type="checkbox"/> FCC 47 part 15 <input type="checkbox"/> GB/T20145<br><input checked="" type="checkbox"/> IEC 62471 <input type="checkbox"/> CISPR15 <input type="checkbox"/> ROHS<br><input type="checkbox"/> IEC 61000-3-2/3 <input type="checkbox"/> IEC 61547 |
|-----------|---|

**D、 Electronic Data**

| Parameter             | Units | Min | Rating | Max | Remark |
|-----------------------|-------|-----|--------|-----|--------|
| Supply Voltage        | V     | 198 | 220    | 264 |        |
| Supply Frequency      | Hz    | 50  | 50/60  | 60  |        |
| Supply Current        | mA    |     | 85     |     |        |
| Power Consumption     | W     | 18  | 20     | 22  |        |
| Power Factor          | -     | 0.5 | > 0.5  | /   |        |
| Surge                 | KV    | 0.5 |        |     |        |
| Thermal Efficiency    |       |     | 80%    |     |        |
| Luminaire Efficiency  |       |     | 80%    |     |        |
| LED Driver Current    | mA    | 150 | 165    | 180 |        |
| LED Driving Power     | W     |     | 10     |     |        |
| LED Driver Efficiency | %     |     | 80     |     |        |
| LED Driver Lifetime   | Hrs.  |     | 25000  |     |        |

**E、 Light Source Data**

| LED Specifications | Units |      |
|--------------------|-------|------|
| LED Qty. (pcs)     | pcs   | 54   |
| LED Size           | mm    | 2835 |
| LM80 Report        |       | Y    |

**F、 Optical Data**

| Parameter               | Units | Min   | Rating      | Max  | Remark  |
|-------------------------|-------|---|-------------|------|---|
| Luminous Flux           | Lm    | 900   | 1000        | 1063 |   |
| Beam Angle              | °     | 130   | 150         | 160  | <p>UNIT: cd/klm<br/>                     C0/180, 110.7<br/>                     C30/210, 130.8<br/>                     C60/240, 180.0<br/>                     C90/270, 180.0<br/>                     AVERAGE BEAM ANGLE (50%): 150.4 DEG</p> |
| Luminous Efficacy       | lm/W  | 90  | 100         | 1030 |   |
| Ra                      | -     |   | >80         |      |   |
| Chromaticity Coordinate |       | <input checked="" type="checkbox"/> CIE standard <input type="checkbox"/> ANSI standard <input type="checkbox"/> JIS standard |             |      |   |
| Color Temperature       | K     |   | 3000K-6500K |      |   |
| SDCM                    |       |   | SDCM ≤6     |      |   |
| Optical Efficiency      |       |   | >80%        |      |   |

## G、 Reliability Data

| Parameter                  | Units | Rating/Working Condition | Remark |
|----------------------------|-------|--------------------------|--------|
| Lifetime                   | Hrs.  | 25000                    |        |
| Number of Switching Cycles | Times | 15000                    |        |
| Starting Time              | s     | 1.0                      |        |