



## SM-T1B LED Street Light

### Product Description

SM-T1B LED Street Light is better than normal LED lights for its large number light sources, which can be different with specific model and enables different light intensity. Also, with the help of its advanced chip, the speed of it to emit light would be much better than other LED street lights in the market. And the color rendering index of SM-T1B LED Street Light is higher than many other lights, helping drivers to identify the different signs correctly and reduce the incidence of traffic accidents effectively. What's more, SM-T1B LED Street Light is competitive for its outstanding working ability against harsh environments such as heavy rain, low temperature, and so on. Finally, you can save a lot of energy cost during using it for SM-T1B LED Street Light is of 91% power efficiency.

### SM-T1B LED Street Light Features

1. Modular pluggable technology, tool-free onsite maintenance
2. Honeycomb and whole structure cooling technology, high efficient heat dissipation
3. Double-coupling IP68 protection, highest waterproof level
4. Intelligent constant current driving technology, long life span
5. Ergonomic light distribution to achieve uniform illuminating effect
6. Free modular serialization and full power range solutions.
7. Integrative die-casting structure,



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## Detailed Parameters

|               |                  |                                     |                      |                             |                          |  |                          |           |           |
|---------------|------------------|-------------------------------------|----------------------|-----------------------------|--------------------------|--|--------------------------|-----------|-----------|
| Input Voltage | Power Efficiency | Power Factor                        | Junction Temperature | CRI                         | Working Environment      | Storage Temperature                      |                          |           |           |
| AC100V-277V   | 91%              | 0.95                                | < 80°C               | Ra ≥ 70                     | -40°C~+50°C<br>10%~90%RH | -40°C~+50°C                              |                          |           |           |
| LED Life span | Surge Protection | CCT                                 | LED Brand            | Installation Diameter       | Material                 | IP Rating                                |                          |           |           |
| >60000Hours   | 10KV/5KA         | 3000K,<br>4000K,<br>5000K,<br>5700K | Lumileds             | 57~63mm                     | Metal                    | LED Module<br>IP68, Power<br>Supply IP67 |                          |           |           |
| Model         | System Power     | LM/W (Ultra High)                   | LM/W (High)          | Initial Lumens (Ultra High) | Initial Lumens (High)    | Product Size (mm)                        | Packaging dimension (mm) | N.W. (Kg) | G.W. (Kg) |
| SM-T1B-1      | 40               | 155                                 | 115                  | 6200                        | 4600                     | 500*29<br>5*90                           | 595*380*<br>175          | 4.0       | 5.1       |
|               | 50               | 150                                 | 110                  | 7500                        | 5500                     | 500*29<br>5*90                           | 595*380*<br>175          | 4.0       | 5.1       |
|               | 60               | 145                                 | 105                  | 8700                        | 6300                     | 500*29                                   | 595*380*                 | 4.0       | 5.1       |

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|          |     |     |     |       |       |        |          |     |     |
|----------|-----|-----|-----|-------|-------|--------|----------|-----|-----|
|          |     |     |     |       |       | 5*90   | 175      |     |     |
| SM-T1B-2 | 80  | 160 | 120 | 12800 | 9600  | 500*29 | 595*380* | 4.9 | 6.0 |
|          |     |     |     |       |       | 5*90   | 175      |     |     |
|          | 100 | 155 | 115 | 15500 | 11500 | 500*29 | 595*380* | 4.9 | 6.0 |
|          |     |     |     |       |       | 5*90   | 175      |     |     |
|          | 120 | 150 | 110 | 18000 | 13200 | 500*29 | 595*380* | 4.9 | 6.0 |
|          |     |     |     |       |       | 5*90   | 175      |     |     |

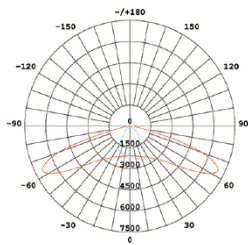
## Product Display



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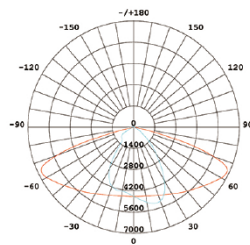


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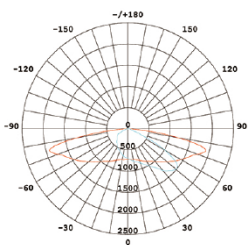
T1S3501

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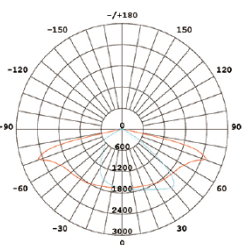
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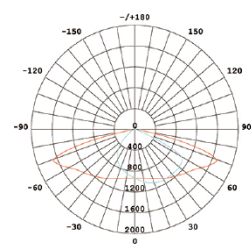
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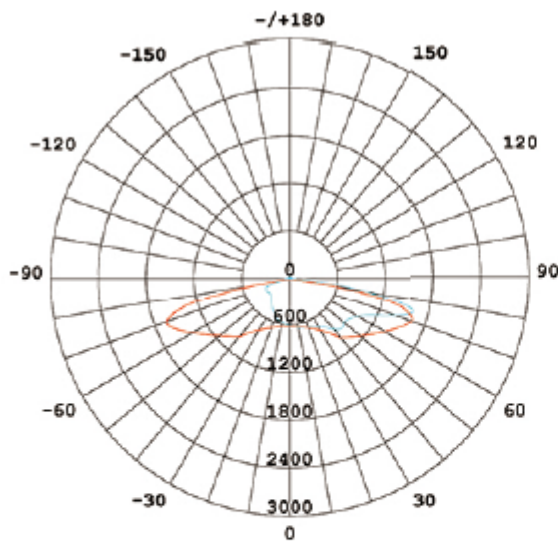
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IESNA Type II Medium



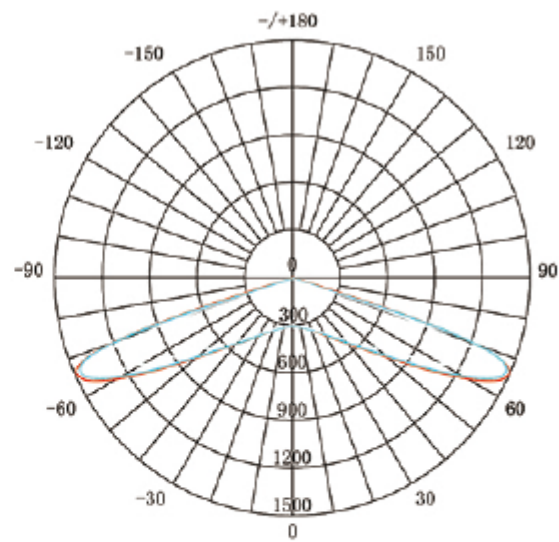
T3M2701

IESNA Type III Medium



T4M5703

IESNA Type IV Medium



T5S3040

IESNA Type VS Short



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Application



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