

# LED Shoebox UF111E-114E

## 50W/80W/100W/150W/200W/300W

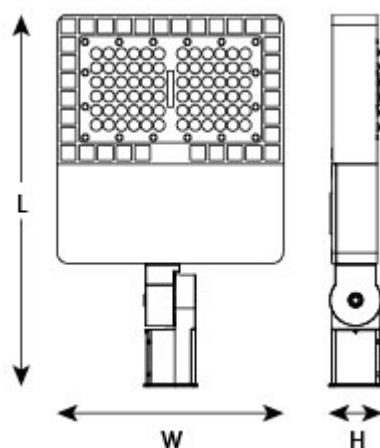
### Features

- 50W / 80W / 100W / 150W / 200W / 300W LED Shoebox
- Customized lens from Type I to V
- Support different mounting demands
- High efficacy >160lm/W
- Uniform light output
- Support multi-applications such as parking lot light, street light, tunnel light, wall pack and floodlight
- Good color rendition, Ra ≥70



### Diagrams

Dimensions:

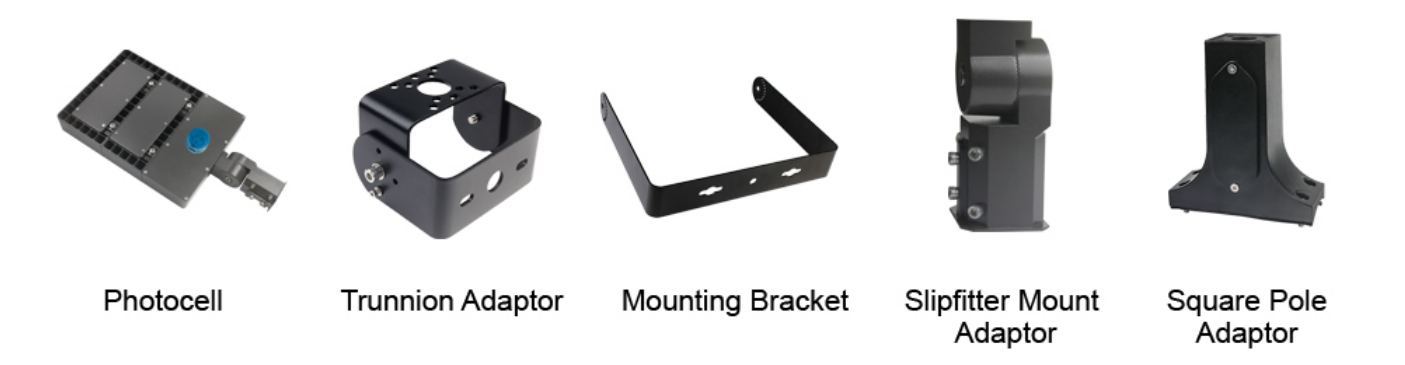


| (Unit : inch) | (L)    | (W)    | (H)  |
|---------------|--------|--------|------|
| <b>UF111E</b> | 18.5 x | 10.7 x | 1.97 |
| <b>UF112E</b> | 23.5 x | 13 x   | 3.46 |
| <b>UF113E</b> | 31 x   | 13 x   | 3.46 |

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Accessories:



Standards



Applications



| Technical Data           |                                       |
|--------------------------|---------------------------------------|
| Electrical               |                                       |
| Rated Wattage [W]        | 50W / 80W / 100W / 150W / 200W / 300W |
| Rated Voltage [V/Hz]     | 100-277Vac, 50/60Hz                   |
| Power Factor @120V       | 0.9                                   |
| Input Current [mA] @120V | 463 / 741 / 926 / 1389 / 1852 / 2778  |
| Model                    |                                       |
| UF111E-50W/7XX           | 50W                                   |
| UF111E-80W/7XX           | 80W                                   |
| UF112E-100W/7XX          | 100W                                  |
| UF112E-150W/7XX          | 150W                                  |
| UF113E-200W/7XX          | 200W                                  |
| UF113E-300W/7XX          | 300W                                  |
| Luminous Flux [lm]       |                                       |

|                                      |                                                                             |
|--------------------------------------|-----------------------------------------------------------------------------|
| 50W                                  | 7500lm @3000K                                                               |
|                                      | 7750lm @4000K                                                               |
|                                      | 8000lm @5000K                                                               |
| 80W                                  | 12000lm @3000K                                                              |
|                                      | 12400lm @4000K                                                              |
|                                      | 12800lm @5000K                                                              |
| 100W                                 | 15000lm @3000K                                                              |
|                                      | 15500lm @4000K                                                              |
|                                      | 16000lm @5000K                                                              |
| 150W                                 | 22500lm @3000K                                                              |
|                                      | 23250lm @4000K                                                              |
|                                      | 24000lm @5000K                                                              |
| 200W                                 | 30000lm @3000K                                                              |
|                                      | 31000lm @4000K                                                              |
|                                      | 32000lm @5000K                                                              |
| 300W                                 | 45000lm @3000K                                                              |
|                                      | 46500lm @4000K                                                              |
|                                      | 48000lm @5000K                                                              |
| Performance                          |                                                                             |
| SDCM                                 | <6                                                                          |
| Estimated Yearly Energy Cost [\$USD] | 6.02 / 9.64 / 12.05 / 18.07 / 24.09 / 36.14                                 |
| Luminous Efficacy [lm/W]             | 150-160                                                                     |
| Color Rendering Index [Ra]           | ≥70                                                                         |
| Color Maintenance [hr]               | >6000                                                                       |
| Luminous Intensity Distribution [°]  | 125x46                                                                      |
| Life [Yrs] (based on 3hrs/day)       | 46                                                                          |
| Lumen Maintenance at 6000hrs         | >0.8                                                                        |
| Rapid Cycle Stress                   | >15,000 cycles                                                              |
| Start Time [sec]                     | <0.5                                                                        |
| LED Failure                          | <5%                                                                         |
| Mechanical                           |                                                                             |
| Length L [in]                        | 18.5 / 18.5 / 23.5 / 23.5 / 31 / 31                                         |
| Width W [in]                         | 10.7 / 10.7 / 13 / 13 / 13 / 13                                             |
| Height H [in]                        | 1.97 / 1.97 / 3.46 / 3.46 / 3.46 / 3.46                                     |
| Material                             | Body: Die-casting aluminium housing with PC lens<br>Chips: Lumileds SMD3030 |
| Standard Compliance                  |                                                                             |
| ANSI                                 | UL8750, UL1993, UL1598, C82.77-2002, C78.377-2008                           |
| FCC                                  | FCC CFR Part 15, FCC CFR Part 18                                            |
| Mercury Content [mg]                 | 0.0                                                                         |
| Other                                |                                                                             |
| Dimmable [Y/N]                       | N                                                                           |
| Operation Temperature                | -20°C ~ 50°C                                                                |

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Storage Temperature

-10°C ~ 30°C