## THE LIGHT YOU CAN TRUST



## Street Light : WJD Series

## Products features

1. The light shell is die-casting of high quality aluminium alloy, clean amd smooth.
2. The reflector uses high purity index anodised oxidation aluminium. This is highly effivient and is anti-glare technology.
3. Using a high temperature resistant ( $>200^{\circ} \mathrm{C}$ ) silivom rubber sealing ring, this provides waterproofing, dust proofing and anti-fogging.
4. Integrated molding of lamps and electric appliances with a compact-sized, beautiful and trendy apperance. It has convenient in stallation, operation and maintenance.
5. The lamp shade has tempered glass, a high temperature resistance, is very strong and has high transmittance.

## LENS

The most versatile modular product family especially designed for street lighting, but also suitable for wide range of other applications


## Street Light

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## Specification

| Model |  | WJD-60 |  | WJD-80 |  | WJD-100 |  | WJD-120 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Power Consumption |  | 60W |  | 80w |  | 100w |  | 120W |
| Input Voltage | $100-305 \mathrm{VAC} 50-60 \mathrm{~Hz}$. |  |  |  |  |  |  |  |
| Light Source Flux (Lm) |  | 7,5001m |  | 10,000lm |  | 12,500lm |  | 15,600lm |
| Efficacy |  | 1251m/W |  | 125lm/W |  | 1251m/W |  | 130lm/W |
| Power Factor | > 0.95 |  |  |  |  |  |  |  |
| Beam Angle | $70^{\circ} / 150^{\circ}$ |  |  |  |  |  |  |  |
| Work Temperature | $-10^{\circ} \mathrm{C}$ to $+65^{\circ} \mathrm{C}$ |  |  |  |  |  |  |  |
| Life Time | 50,000 hrs. |  |  |  |  |  |  |  |
| IP Rating | IP66 |  |  |  |  |  |  |  |
| Surge Protection | 10kV |  |  |  |  |  |  |  |
| Optic Material | PMMA |  |  |  |  |  |  |  |
| LED Light Source | Lumileds |  |  |  |  |  |  |  |
| Color Rendering Indes (CRI) | >70, >80 |  |  |  |  |  |  |  |
| Color Temperature (TC) | 2700K-6500K |  |  |  |  |  |  |  |
| Housing Material | Aluminium Die Casting |  |  |  |  |  |  |  |
| Driver | Meanwell |  |  |  |  |  |  |  |
| Dimention (L1xL2xH mm.) | (A) | 247x667x115 | (A) | 247x667x115 | (A) | $247 \times 667 \times 115$ | (B) | $299 \times 742 \times 115$ |
| Total Weight (Kg.) |  | 4.43 |  | 4.43 |  | 4.43 |  | 5.53 |
| Warranty | 3 Years |  |  |  |  |  |  |  |

## Specification

| Model |  | WJD-150 |  | WJD-180 |  | WJD-200 |  | WJD-240 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Power Consumption |  | 150W |  | 180W |  | 200w |  | 240 W |
| Input Voltage | $100-305 \mathrm{VAC} 50-60 \mathrm{~Hz}$. |  |  |  |  |  |  |  |
| Light Source Flux (Lm) |  | 19,500lm |  | 23,400lm |  | 26,000lm |  | 31,200lm |
| Efficacy |  | 1301m/W |  | 1301m/W |  | 1301m/W |  | 1301m/W |
| Power Factor | $>0.95$ |  |  |  |  |  |  |  |
| Beam Angle | $70^{\circ} / 150^{\circ}$ |  |  |  |  |  |  |  |
| Work Temperature | $-10^{\circ} \mathrm{C}$ to $+65^{\circ} \mathrm{C}$ |  |  |  |  |  |  |  |
| Life Time | 50,000 hrs. |  |  |  |  |  |  |  |
| IP Rating | IP66 |  |  |  |  |  |  |  |
| Surge Protection | 10kV |  |  |  |  |  |  |  |
| Optic Material | PMMA |  |  |  |  |  |  |  |
| LED Light Source | Lumileds |  |  |  |  |  |  |  |
| Color Rendering Indes (CRI) | >70, >80 |  |  |  |  |  |  |  |
| Color Temperature (TC) | 2700K-6500K |  |  |  |  |  |  |  |
| Housing Material | Aluminium Die Casting |  |  |  |  |  |  |  |
| Driver | Meanwell |  |  |  |  |  |  |  |
| Dimention (L1xL2xH mm.) | (B) | $299 \times 742 \times 115$ | (B) | $299 \times 742 \times 115$ | (C) | $342 \times 805 \times 115$ | (C) | $342 \times 805 \times 115$ |
| Total Weight (Kg.) |  | 5.53 |  | 5.53 |  | 7.16 |  | 7.16 |
| Warranty | 3 Years |  |  |  |  |  |  |  |

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## Option



## LOOP CONTROL

There are 4 DO inside the concentrator, we can use the DO to connect the contactor, and the contactor can turn on or off the entire circuit

## TASK

There are many linds of task in NEMA Smart Lighting solution, include loop control task, RTU task and RTU self-running task. You can also control the loop by lightness or by the location

## Fault

The System can detect lamp failure, report alarm, it also can report over-load circuit and alarm;

## Display the System on the Map

The System can display the location of every lamps on the map, amd can show the status of the lamps on the map too.

## LAMP CONTROL

You can control every lamp by the controller, to close or open the lamp, or dimming it, or query the status or data of the lamp

## DATA

Through the meter inside the CCU or the meter connect with the CCU by RS485, you can query the electric data of the loop, The system can recoard the data, and analysis them, show them as sheet.

## Easy to Install

The Wiring interface of Control Nodes to LED lamp comply with ANSI C136.41(NEMA), So the Control Node can easy to install and maintain

## Wireless Communication

The communication between the concentrators and the Control Node are made via Zigbee

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## Assembly Parts



## Dimension


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