

# H-SERIES



ISO9001  
ISO14001

LM-79  
LM-80

IP66  
IK10

LUMILEDS

INVENTRONICS  
LED DRIVER inside



CE CB

1a:1-1  
Compliant

FC



**7** YEAR  
WARRANTY

## LED STREET LIGHTS



### Overview

The PRO<sup>®</sup> H-Series LED street lights are using PHILIPS LUMILEDS<sup>®</sup> luminous source, providing excellent lumen output, long-lasting stability and splendid sight.

The PRO H-Series LED street lights have a high luminous efficiency and beΣer service life. Provide 7 years warranty on luminaire.

### Color Options

● Silver Gray ● Black

### HIGH-EFFICACY LED LIGHT SOURCE



Philips Lumileds Luxeon TX  
Greater than 135lm/W high efficacy,  
illumination grade LED light source.



Philips Lumileds 3030 2D  
Greater than 150lm/W high efficacy,  
illumination grade LED light source.



Philips Lumileds 5050  
Greater than 185lm/W high efficacy,  
illumination grade LED light source.

### HIGH-END LED DRIVER (Two opθons)

#### + NON-DIMMABLE



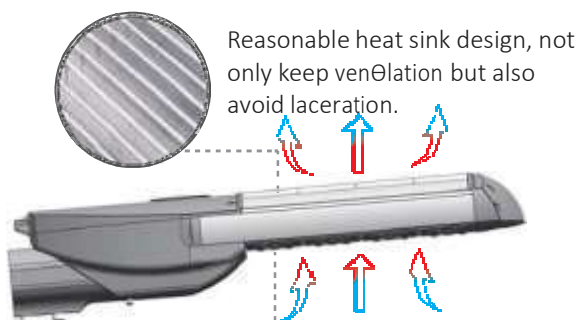
High-end Mean Well HLG Series LED driver, opθmal stability, performance and lifespan.

#### + DIMMABLE

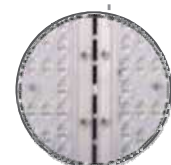


High-end Inventronics programmable LED driver, integrate dimming function and 6KV /10KV surge protection. Provide excellent performance and lifespan.

### AIR CONVECTION EFFECT

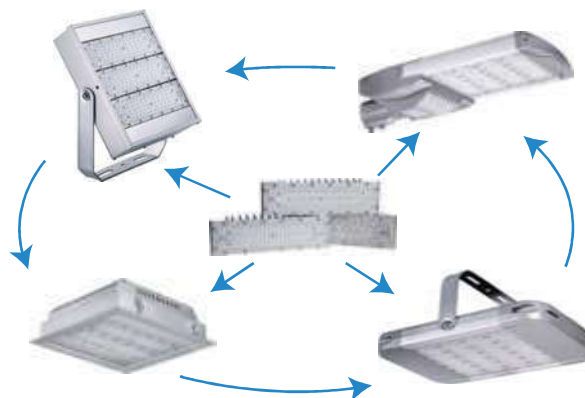


Reasonable heat sink design, not only keep venθlation but also avoid laceration.



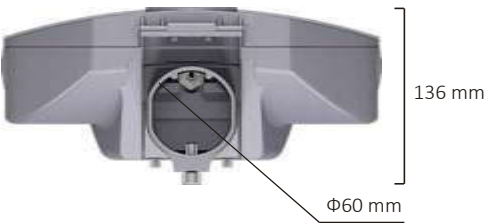
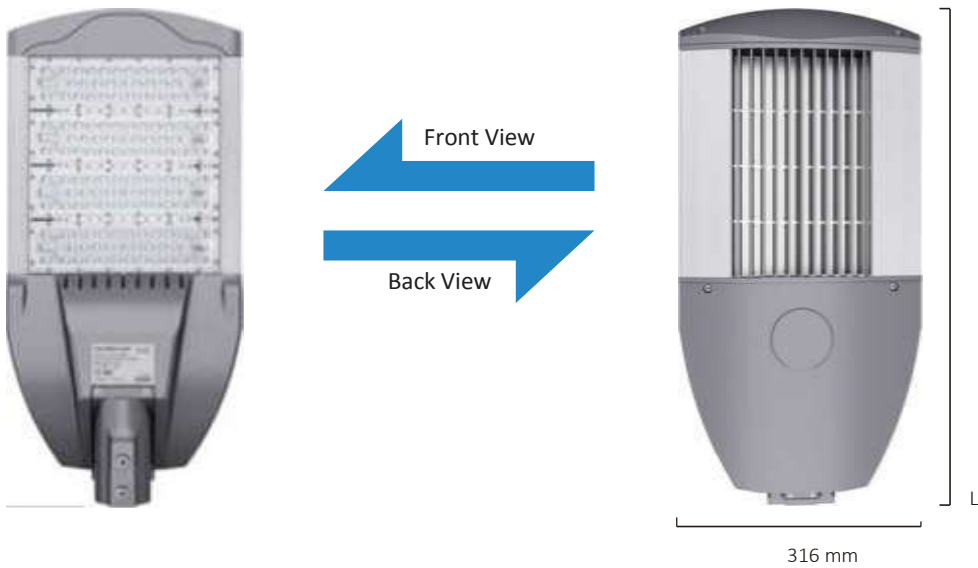
Gaps between each module increase heat dissipation speed and solve the problem of dust deposition.

### FLEXIBLE COMBINATIONS OF MODULES



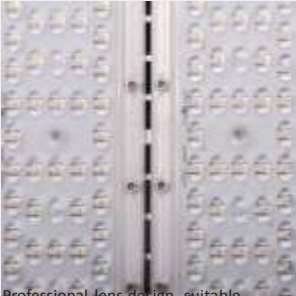
Design

® External Design



|                   |        |        |        |        |        |        |         |
|-------------------|--------|--------|--------|--------|--------|--------|---------|
| Number of Modules | 1      | 2      | 3      | 4      | 5      | 6      | 7       |
| “L” Length        | 431 mm | 504 mm | 577 mm | 650 mm | 723 mm | 796 mm | 869 mm  |
| Weight            | 5.3 kg | 6.1 kg | 7.3 kg | 8.2 kg | 9.0 kg | 9.9 kg | 10.8 kg |

® Design Features



Professional lens design, suitable for various applications.



Luminaire body is fixed by two M8x16 fortified stainless steel screws.



Rational dumshell design for wiring compartment, sturdy and durable.



Use stainless steel screws for whole luminaire, no corrosion worries.



Use German connectors for internal wiring, convenient & fast.



Innovative pluggable connector, clean & efficient.



Neat inner cavity structure, ensure the thermal convection of LED driver.



Full aluminum made, sufficient heat dissipation area.

DETAILED FEATURES

### Electrical & Photometric

#### ® 3030 Version

| 1 | PRO -LD40H4  | 95mA  | 40W  | 140 lm /w | 5600 lm  | 100-240V /277V<br>AC 50 /60Hz | Philips Lumileds<br>3030 2D | MeanWell<br>Inventronics | TypeI, Medium<br>TypeII, Medium<br>TypeIII, Medium<br>TypeV, Short<br>TYPEII, BLS | 3000*<br>4000<br>5000<br>5700 | 10KV | >100,000<br>(L70) |
|---|--------------|-------|------|-----------|----------|-------------------------------|-----------------------------|--------------------------|-----------------------------------------------------------------------------------|-------------------------------|------|-------------------|
|   | PRO-LD50H5   | 115mA | 50W  | 130 lm /w | 6500 lm  |                               |                             |                          |                                                                                   |                               |      | >80,000<br>(L70)  |
|   | PRO -LD60H6  | 145mA | 60W  | 125 lm /w | 7500 lm  |                               |                             |                          |                                                                                   |                               |      | >100,000<br>(L70) |
| 2 | PRO -LD80H4  | 100mA | 80W  | 140 lm /w | 11200 lm |                               |                             |                          |                                                                                   |                               |      | >80,000<br>(L70)  |
|   | PRO -LD100H5 | 120mA | 100W | 130 lm /w | 13000 lm |                               |                             |                          |                                                                                   |                               |      | >100,000<br>(L70) |
|   | PRO -LD120H6 | 145mA | 120W | 125 lm /w | 15000 lm |                               |                             |                          |                                                                                   |                               |      | >80,000<br>(L70)  |
| 3 | PRO -LD120H4 | 100mA | 120W | 140 lm /w | 16800 lm |                               |                             |                          |                                                                                   |                               |      | >100,000<br>(L70) |
|   | PRO -LD150H5 | 120mA | 150W | 130 lm /w | 19500 lm |                               |                             |                          |                                                                                   |                               |      | >80,000<br>(L70)  |
|   | PRO -LD180H6 | 145mA | 180W | 125 lm /w | 22500 lm |                               |                             |                          |                                                                                   |                               |      | >100,000<br>(L70) |
| 4 | PRO -LD160H4 | 100mA | 160W | 140 lm /w | 22400 lm |                               |                             |                          |                                                                                   |                               |      | >80,000<br>(L70)  |
|   | PRO -LD200H5 | 120mA | 200W | 130 lm /w | 26000 lm |                               |                             |                          |                                                                                   |                               |      | >100,000<br>(L70) |
|   | PRO -LD240H6 | 145mA | 240W | 125 lm /w | 30000 lm |                               |                             |                          |                                                                                   |                               |      | >80,000<br>(L70)  |
| 5 | PRO LD200H4  | 100mA | 200W | 140 lm /w | 28000 lm |                               |                             |                          |                                                                                   |                               |      | >100,000<br>(L70) |
|   | PRO -LD240H5 | 120mA | 240W | 130 lm /w | 31200 lm |                               |                             |                          |                                                                                   |                               |      | >100,000<br>(L70) |

\*Luminous Efficacy of 3000K is 5% lower than other CCTs.

#### ® 3535 Version

| 1 | PRO-LD35H    | 750mA | 35W  | 110 lm /w | 3850 lm  | 100-240V /277V<br>AC 50 /60Hz | Philips Lumileds<br>Luxeon TX | MeanWell<br>Inventronics | TypeI, Medium<br>TypeII, Medium<br>TypeIII, Medium<br>TypeV, Short | 3000*<br>4000<br>5000<br>5700 | 10KV | >100,000<br>(L70) |
|---|--------------|-------|------|-----------|----------|-------------------------------|-------------------------------|--------------------------|--------------------------------------------------------------------|-------------------------------|------|-------------------|
|   | PRO--LD40H2  | 860mA | 40W  | 110 lm /w | 4400 lm  |                               |                               |                          |                                                                    |                               |      |                   |
| 2 | PRO--LD65H   | 750mA | 65W  | 110 lm /w | 7150 lm  |                               |                               |                          |                                                                    |                               |      |                   |
|   | PRO--LD80H2  | 900mA | 80W  | 110 lm /w | 8800 lm  |                               |                               |                          |                                                                    |                               |      |                   |
| 3 | PRO--LD100H  | 750mA | 100W | 110 lm /w | 11000 lm |                               |                               |                          |                                                                    |                               |      |                   |
|   | PRO--LD120H2 | 900mA | 120W | 110 lm /w | 13200 lm |                               |                               |                          |                                                                    |                               |      |                   |
| 4 | PRO--LD135H  | 750mA | 135W | 110 lm /w | 14850 lm |                               |                               |                          |                                                                    |                               |      |                   |
|   | PRO--LD160H2 | 900mA | 160W | 110 lm /w | 17600 lm |                               |                               |                          |                                                                    |                               |      |                   |
| 5 | PRO--LD165H  | 750mA | 165W | 110 lm /w | 18150 lm |                               |                               |                          |                                                                    |                               |      |                   |
|   | PRO-LD200H2  | 900mA | 200W | 110 lm /w | 22000 lm |                               |                               |                          |                                                                    |                               |      |                   |
| 6 | PRO-LD200H   | 750mA | 200W | 110 lm /w | 22000 lm |                               |                               |                          |                                                                    |                               |      |                   |
|   | PRO-LD240H2  | 900mA | 240W | 110 lm /w | 26400 lm |                               |                               |                          |                                                                    |                               |      |                   |
| 7 | PRO-LD230H   | 750mA | 230W | 110 lm /w | 25300 lm |                               |                               |                          |                                                                    |                               |      |                   |
|   | PRO-LD280H2  | 900mA | 280W | 110 lm /w | 30800 lm |                               |                               |                          |                                                                    |                               |      |                   |

\*Luminous Efficacy of 3000K is 5% lower than other CCTs.