

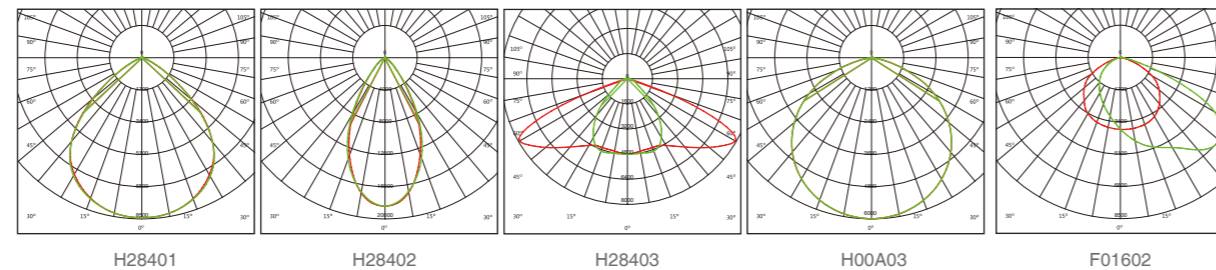
HGas

- High performance design with Nichia SMD
- Luminous flux up to 19,500lm (150W)
- Efficacy up to 130lm/W
- Electrical: 100-240Vac/100-277Vac, 50/60Hz, PF ≥ 0.92
- LED Lifespan > 50,000 hours (Ta=30°C@L70)
- Energy saving up to 90%
- CCT : 5000K (4000K & 3000K available to special order)
- CRI > Ra70 (CRI>Ra80 optional)
- Superior uniformity
- Superior temperature stability
- Temperature test at toughest conditions
- INVENTRONICS driver
- PC cover : Safe for industrial applications
- Operating temp: -30~+50°C
- Body: Aluminum alloy
- Stainless steel screws
- IP65 protection rating
- 5 years warranty

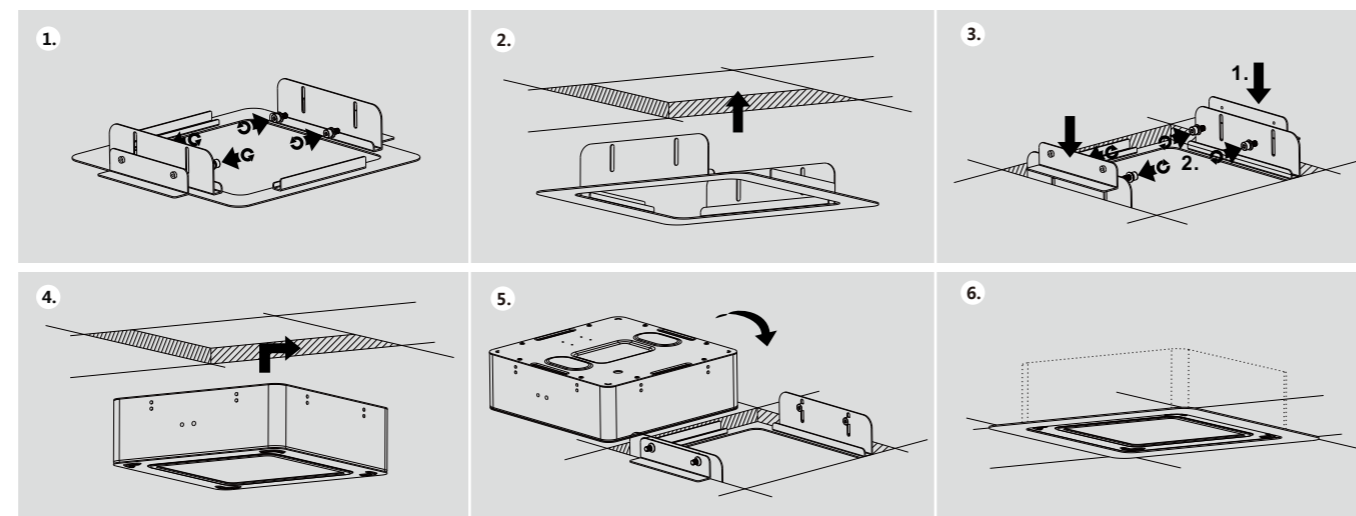
HGas Product Range

Part Number	FL07-100	FL07-120	FL07-150
Lumen Output	13,000lm	15,600lm	19,500lm
Wattage	100W	120W	150W
Luminous Efficacy	130lm/W	130lm/W	130lm/W
CCT	3000K, 4000K, 5000K		
CRI	>Ra70, >Ra80		
Beam Angle	H28401, H28402, H28403, H00A03, F01602		
Input Voltage	100-240Vac/100-277Vac 50-60Hz PF ≥ 0.92		
IP Rating	IP65		
LED Driver	INVENTRONICS		
HID Equivalent	240W	400W-600W	650W
Certification Pending	CE		

Photometric Diagrams



Mounting Options



HGas

LED Canopy Light



HGas LED Canopy Light

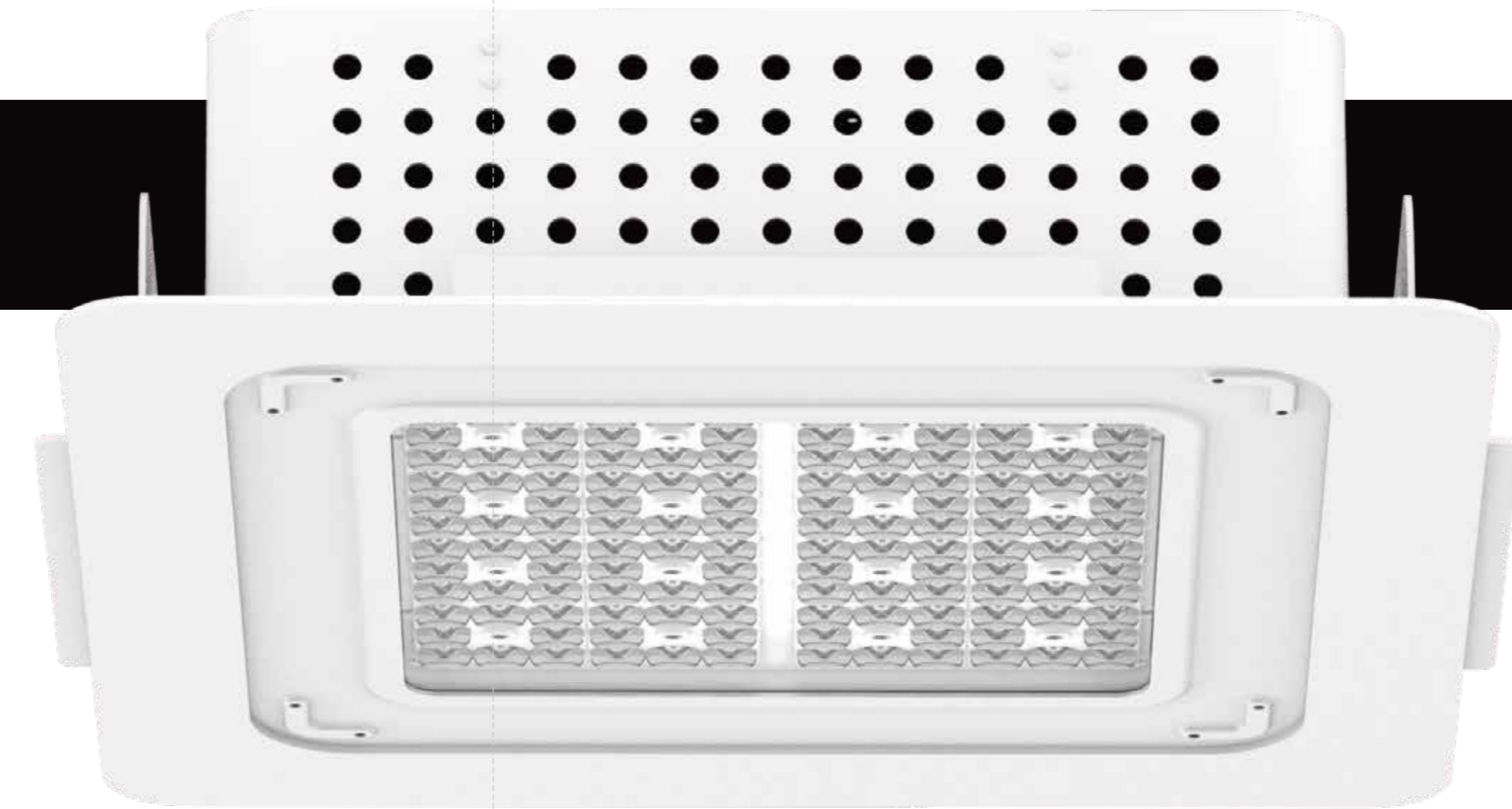
HGas, with innovative design, realizes comfortable lighting effect for gas station application, and its structure also ensures easy maintenance in future usage.

According to CIE S 008/E-2001 lighting standard

Workplace	Average Illuminance (Lx)	Uniformity of Illuminance	Color Rendering Index (Ra)	Maximum Glare Index (GR) L
1 Refueling Area	150	0.4	20	45
2 Meter Reading Area	150	0.4	20	45

Ultra-high Performance

1. Sheet metal forming process makes it lighter in weight;
2. Heat sink with AL1060 material greatly enhances its thermal conductivity;
3. Built-in 10KV Surge Protection Device;
4. IP Rating: IP65;
5. Luminous Efficacy up to 130lm/W.



Easy and Humanized Installation

1. Fixing recessed bracket on the ceiling.
2. Putting fixture onto the bracket after it is wired.



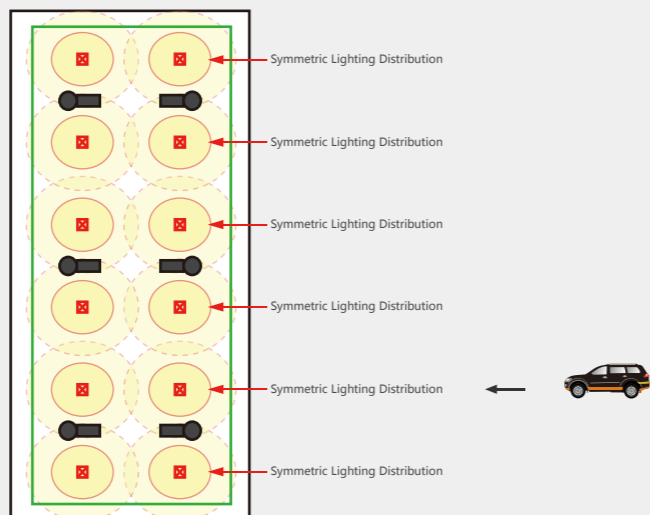
How to select HGas in gas station:

1. Choose right power of HGas according to height of gas station roof.

Roof Height below 9 meters: 100W
Roof Height above 9 meters: 150W

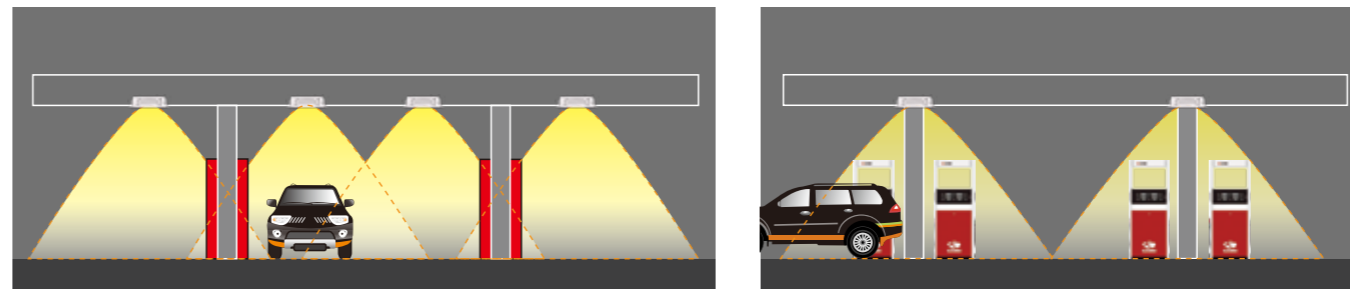
2. Choose right installation way according to different roof type of gas station.

Standard HGas adopts recessed installation way. We can also customize it according to real situation.



Innovative Three-dimensional Lighting

Symmetric lighting distribution lights up the overall environment. It is clearly visible from customers coming in and out of the gas station.

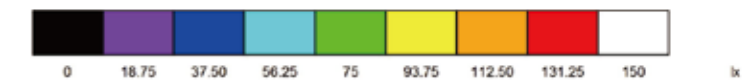
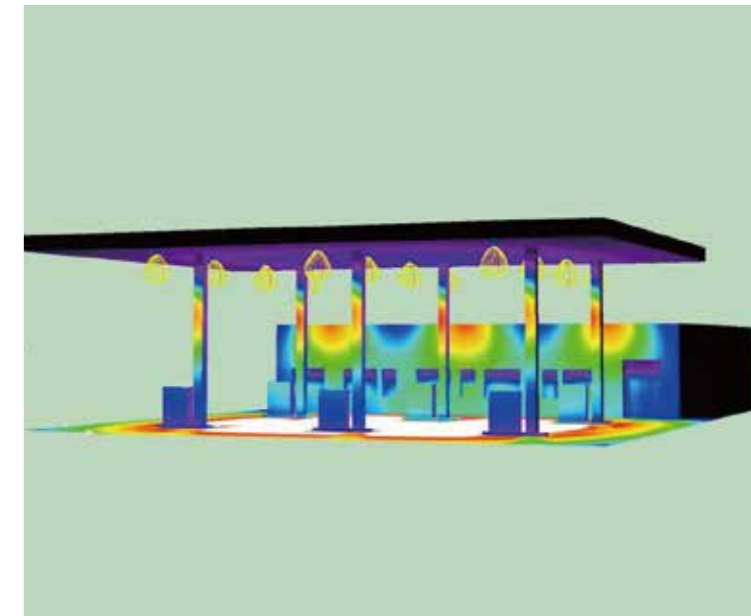


Applications



HGas Station Lighting

Dialux Simulation



FL07-100 H28401 5000K Ra70