

# Illuminating the **Night**

As infrared illuminator manufacturer, we have developed IR LED Chip and applied to our illuminator so that we surpass the limit of conventional IR camera. Using our world's first built-in IR LED Chip illuminator, you can experience the unique technology of PARAGONTECH which can deliver outstanding and clear images in impenetrable darkness!



# Infra-Red Illuminator

## PI-3000

- **Visible distance & Beam Angle** : 250m(820ft), 15° / 170m(558ft), 25° / 100m(328ft), 60°
- **Wave Length** : 740nm, 770nm, **850nm**, 940nm
- **Power Consumption** : Under 48W, Max DC 12V/AC 24V, 4A
- **Weight** : 2.7kg
- **Dimension** : 196(W) x 250(L) x 88.5(H)mm



DC12V & AC24V dual voltage available

Adjustable illumination intensity

Adjustable built-in photocell

2 or 3 units connection available

IP67



5 years warranty

### Flexible and Easy installation

Scientific structure and various angles covering over 180° provide user more convenient usage and installation environment.



### Superb illumination in long range

Paragontech's special LED delivers infrared illumination covering over 250m (1unit) to 500m (3units).



### Paragontech's proprietary Technology of IR LED

Paragontech concentrated on IR LED technology over one decade to develop such a powerful and economic technology.





We will serve the users with the highest quality products  
To satisfy its customers with the best quality products



# PI-2000

- **Visible distance & Beam Angle** : 180m(591ft), 15° / 120m(394ft), 25° / 80m(262ft), 60°
- **Wave Length** : 740nm, 770nm, **850nm**, 940nm
- **Power Consumption** : Under 24W, Max DC 12V/AC 24V, 2A
- **Weight** : 1.8kg
- **Dimension** : 152(W) x 205(L) x 67.5(H) mm



# PI-1000

- **Visible distance & Beam Angle** : 70m(230ft), 25° / 40m(131ft), 60°
- **Wave Length** : 740nm, 770nm, **850nm**, 940nm
- **Power Consumption** : Under 12W, Max DC 12V/AC 24V, 1A
- **Weight** : 1.0kg
- **Dimension** : 112(W) x 153.5(L) x 65.5(H) mm

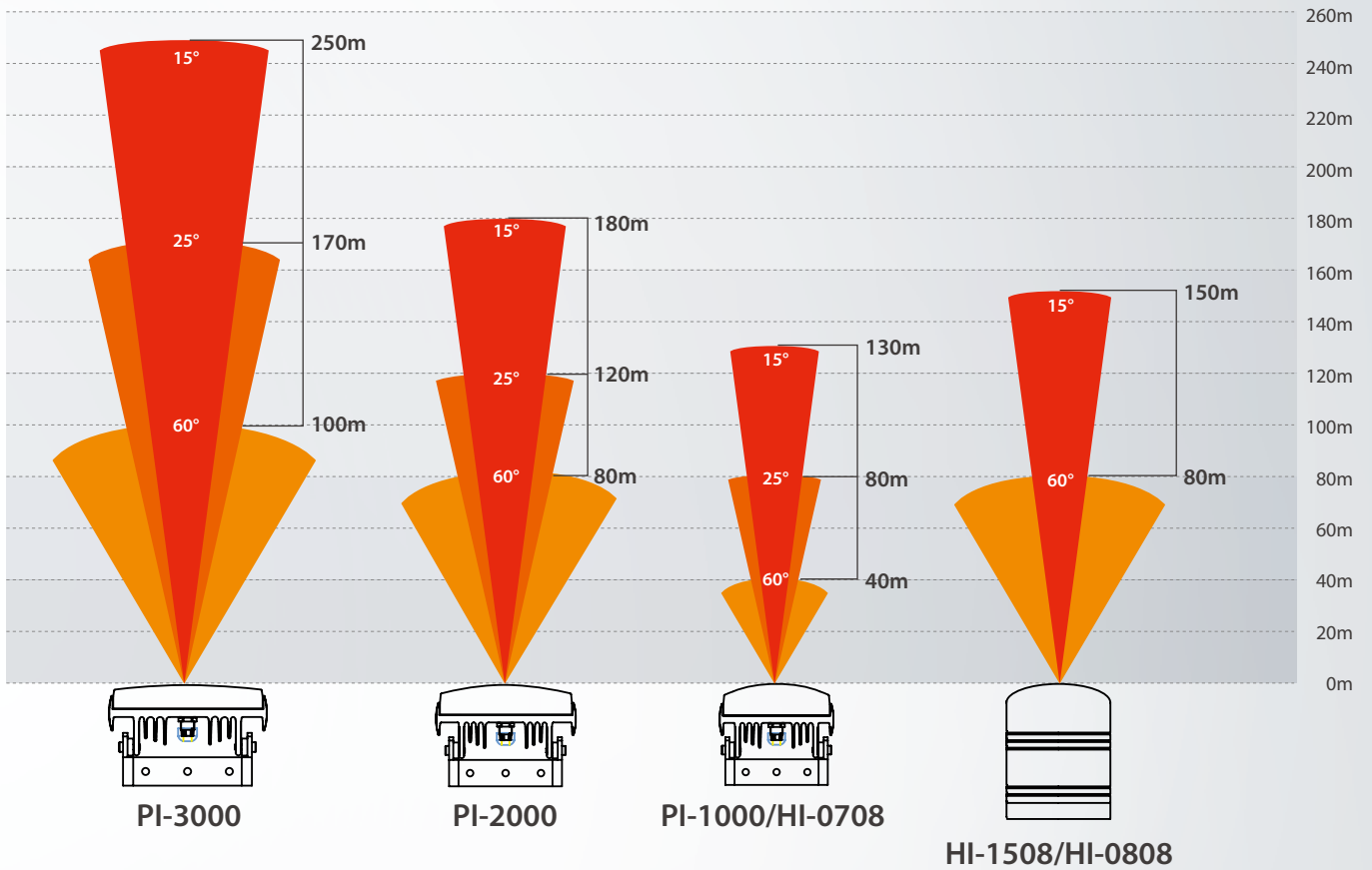




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## Paragon Infra-Red Illuminator Distance Chart



### 100m Field test (IR illuminator on/off)



### 500m Field test (IR illuminator on [Zoom out/in] & off)





New Technology of Paragon **IR** LED  
**PARAGONTECH**

The specification is based on product of PARAGONTECH CO., LTD.  
Design and specification are subject to change without notice.