

# PINA

LED Downlight

CE IP20 LED RoHS eco+



NIXON provides a five year manufacturer's guarantee on all Nixon branded products.



## Specifications

|                  |                                               |
|------------------|-----------------------------------------------|
| Body             | : Aluminium                                   |
| Housing          | : Aluminium                                   |
| Diffuser         | : Soft Diffuser (Optional)                    |
| Reflector        | : Aluminium 15° / 24° / 36° / 60° ( Optional) |
| Weight           | : 0,2 KG                                      |
| Power Source     | : 100-240 V AC / 50-60 Hz                     |
| System Power     | : 5W (NIX-105-PIN-A01)                        |
| Protection Class | : IP20                                        |
| CCT (Kelvin)     | : 3000K - 4000K - 5000K                       |

- Pina is a completely modular luminaire replacing R80 and R90 halogen spots. Its led module can be configured as six external frames with different reflectors and forms. These frames are available to combine with tens of diffuser types and three different watt capacities. Pina fulfills to illuminate narrow spaces, lobbies, hotel rooms and spots which need direct solutions excellently.

The cooling unit made of high extrusion and aluminium has a height of only 65 mm in 5 watt configuration. As this short profile does not compromise the cooling quality, it allows mounting on narrow ceiling gaps.

### Heat Generation



HID/Sodium : 100 C  
LED : 35 C

### Light Source Life



HID/Sodium : 15.000 Hrs  
LED : 50.000 Hrs

### Mercury Safety



HID/Sodium : Contains  
LED : -

### Equal With



GU10 Halogen : 50 W  
(NIX-105-PIN-A03)

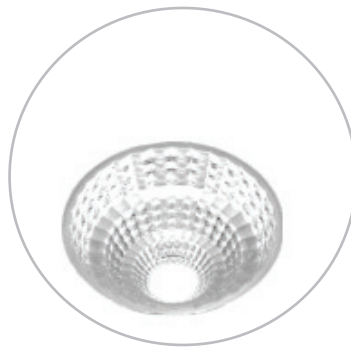
## Applications

Home, Residence, Office, Hospitality, Retail

Available Colors: ☐ White RAL9016 ☒ Black RAL9005



Special Design Lens Options



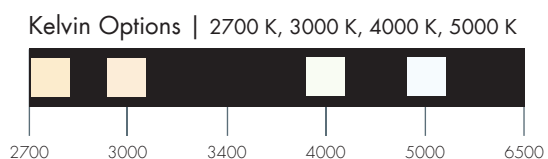
Special Design Reflector Options



Led Modules for circular and Square Form



- Pina is manufactured as both square and circular form. The square one is introduced in single, dual, triple and quad form with 15, 30, 45, 60 watt configurations.
- Low power consumption while high light efficiency, power consumption just 20% as much as halogen, mercury lamp at the same luminous condition, it saves energy more than 75% than that traditional light.
- Die casting aluminum housing, with anti-static and anti-corrosion coating.
- Advanced quadratic light distribution design result in high uniformity of illumination and good lighting quality, clear lighting effect without a double image.
- Beautiful appearance, several types of installation methods available.



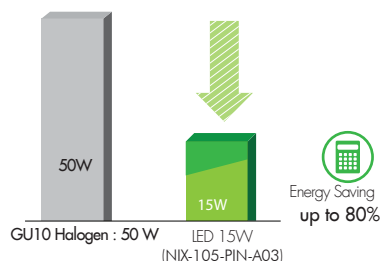
Glare-free, highly efficient light for residences, offices, hospitality and furnitures.

Nixon's Pina downlights meet the requirements specified in EN 12464 for lighting in offices.



- Lightweight design
- Structure for easy installation
- Long life up to 50,000 hours

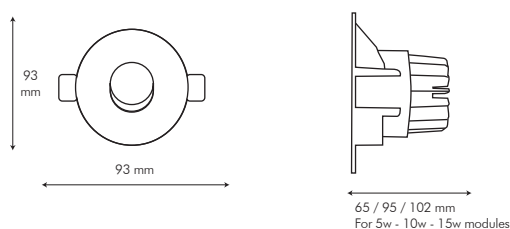
**i** Go to [nixonled.com](http://nixonled.com) for IES specific data and technical drawings.



## Light & Lumen Distribution Graphics

Go to **nixonled.com** for IES specific data and technical drawings.

## Dimensions & Drawings (NIX-810-PIN-A01) :



## Product Series - Quark Gimbal



## Specifications

|                             |                                                                                     |                                                                                     |                                                                                     |  |
|-----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|                             |  |  |  |  |
|                             | NIX-105-PIN-A01                                                                     | NIX-105-PIN-A02                                                                     | NIX-105-PIN-A03                                                                     |  |
| Power Consumption           | 5W                                                                                  | 10W                                                                                 | 15W                                                                                 |  |
| Input Voltage               | 220V AC (applied for 100-240V)                                                      |                                                                                     |                                                                                     |  |
| Frequency                   | 50/60 Hz (applied for 47-63 Hz)                                                     |                                                                                     |                                                                                     |  |
| Ingress Protection          | IP20                                                                                |                                                                                     |                                                                                     |  |
| Power Factor                | >0.95                                                                               |                                                                                     |                                                                                     |  |
| Color Temperature(K)        | Warm white:2700K - 3000K; Pure white: 4000K - 5000K                                 |                                                                                     |                                                                                     |  |
| Color Rendering Index (CRI) | Ra > 95 - Ra > 80                                                                   |                                                                                     |                                                                                     |  |
| Light Efficacy              | 139 lm/W (NIX-105-PIN-A01)                                                          |                                                                                     |                                                                                     |  |
| Lifespan                    | up to 50000 Hours                                                                   |                                                                                     |                                                                                     |  |
| Material                    | 99 % Pure Aluminum Alloy                                                            |                                                                                     |                                                                                     |  |
| Dimensions                  | 93 x 93 x 65 / 95 / 102 mm ( For 5w - 10w - 15w Modules)                            |                                                                                     |                                                                                     |  |
| Hole Diameter               | Ø55 mm                                                                              | Ø75 mm                                                                              | Ø90 mm                                                                              |  |
| Net Weight                  | 0,2 kg (NIX-105-PIN-A01)                                                            |                                                                                     |                                                                                     |  |

### Order Information

| Article no      | System Power | Lumen | Hole Diameter |
|-----------------|--------------|-------|---------------|
| NIX-105-PIN-A01 | 5W           | 697   | Ø 55 mm       |
| NIX-105-PIN-A02 | 10W          | 1259  | Ø 75 mm       |
| NIX-105-PIN-A03 | 15W          | 1406  | Ø 90 mm       |