



## Reading Light F1

Applying new advanced LED technology, Reading lights F1 are extremely bright, the ideal choice for your Boat and Caravan cabinet.

Surface mounted design, exceptionally easy to install.

Flexible steel arm and push lens ON/OFF switch bring you more convenience for your cabinet life.

Aluminum structure brings good heat conduction and leads to low temperature at the lighting body.

Surface fine polished, better touch feeling.

Salt spray test for 96 hours, anti-corrosion when used on boat.


High quality LED from CITIZEN is used, CRI>80%, suitable for long time indoor lighting.

- 102mm/305mm Arm
- Equal to 10W Halogen
- 12V/24V DC
- 40,000+ Hour Life
- Chemically Resistant Steel and Aluminum.
- Lens Push on Switch
- CRI>80%
- Built in Driver



**MacAdam Ellipse** color control technology - color differences between fixtures guaranteed to be undetectable to the human eye

### Quick Specs

|           |        |        |      |   |            |                 |          |
|-----------|--------|--------|------|---|------------|-----------------|----------|
| 50K HOURS | 12V DC | 120    | 2.17 |  | IN CABINET | BUILT IN DRIVER | Aluminum |
| LIFE SPAN |        | LUMENS | WATT | 120° BEAM   |            |                 |          |

| Description                          | Arm length | Part Number |
|--------------------------------------|------------|-------------|
| Reading Light F1 with Nickel finish  | 102mm      | 77080NI     |
| Reading Light F1 with Chrome finish  | 102mm      | 77080CH     |
| Reading Light F1 with Truffle finish | 102mm      | 77080TF     |
| Reading Light F1 with Black finish   | 102mm      | 77080BK     |
| Reading Light F1 with Nickel finish  | 305mm      | 77081NI     |
| Reading Light F1 with Truffle finish | 305mm      | 77081TF     |
| Reading Light F1 with Black finish   | 305mm      | 77081BK     |

| Technical  |   |
|--|---|
| Light output equivalent to                                   | 10W Halogen                               |
| Fixture Lumens* (total light output from a finished fixture) | 120                                       |
| Switch type  | Push on lens                              |
| Typical LED life expectancy                                  | 50,000 Hours                              |
| Minimum-Maximum operating voltage DC                         | 10-14V DC/20-28V                          |
| Current / Amp draw (DC)                                      | 12V DC 0.16A                              |
| Color Rendering Index (CRI )                                 | >80                                       |
| Color Temperature  | 3000K±175K                                |
| Number of LED  | 6   |
| Brand of LED   | CITIZEN                                   |
| Beam angel   | 120°                                      |
| Driver type  | Internal built in                         |
| Physical   |   |
| Length of Flexible arm                                       | 102mm/305mm                               |
| Light turn angel   | 360°                                      |
| Diameter of lighting body                                    | 37mm                                      |
| Total weight   | 150g                                      |
| Cable core size (diameter)                                   | 1 Sqr. mm                                 |
| Hole cut-out for cable entry                                 | 5mm                                       |
| Material of flexible arm                                     | Chrome or Brushed<br>Nickel plating steel |
| Material of Lighting body                                    | Aluminum A6063                            |
| Material of lens   | Glass                                     |

### LIGHTEU LED Light Technology

LIGHTEU's F1 reading lights are designed manufactured subjected to the corrosive marine environment. It passed more than 96 hours salt spray test.

**Advance Thermal Design** To LED lights, temperature is a critical factor which affect the use life of LED. All LIGHTEU's LED lights are advanced designed both on electrical controlling and mechanical on thermal. Inside the lights Aluminum materials are used both for heating sinking and PCB backboard.

**100% HALT test before ex-factory** To ensuring the reliability, LIGHTEU utilizes Highly Accelerated Life Test method on every underwater LED lights.

**High quality LED Promise** Millions of LEDs are produced every day, some better than others. LIGHTEU select only the top LED brands on its Reading lights to ensure CRI>80 to protect the user's eyes.



**LIGHTEU**

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LED by

