

# **GLO24 – Glow Life Ring (24-inch) – DATA SHEET**

## **Specification Sheet (Model GLO24)**

**Manufacturer:** Glorope Safety Solutions (Glorope Canada (NB) Inc.)

**Product type:** 24-inch ring buoy / throwable PFD (Type IV classification context per approvals)

**Intended use:** Man-overboard rescue aid; night visibility enhancement; marine safety.

## **Dimensions & Weight**

- **Outside Diameter (OD):** 610 mm
- **Inside Diameter (ID):** 330 mm
- **Weight (Transport Canada listing provided by you):** 5.5 lb ( $\approx$  2.49 kg)
- **Certified Type Approval weight (Transport Canada):** 3.25 kg
- **Buoyancy rating:** 73.6 N ( $\approx$  16.5 lbf)

## **Construction & Materials**

- **Outer shell (skin):** Rotomolded polyethylene shell (HDPE) for abrasion, UV, fuel/oil, and saltwater resistance (manufacturer-provided).
- **Buoyancy core:** Closed-cell polyurethane (PU) foam
- **Glow technology:** Glow-in-the-dark (photoluminescent) life ring (trade name / product description per approvals).

## **Grab Line & Trim**

- **Grab line:** 3-strand polypropylene core with nylon sheath (diameter/length: specify if you want it printed).
- **Retro-reflective tape:** Retro-reflective tape (grade/type: specify if SOLAS-grade is being claimed).

## **Approvals & Compliance**

- **US Coast Guard Approval No.: 160.045/1/0** (expires **30 September 2030**)
  - Approved as **Recreational Throwable PFD**, Model **GLO24**, 24-inch ring buoy.
  - Identifying data references **46 CFR 160.045** and **UL Report File MQ 7425, Vol. 1 (Section 1)**.
  - Certificate notes carriage acceptance for **uninspected commercial vessels under 40 ft (12 m)** not carrying passengers for hire and recreational boats.
- **Also approved under: 160.050/180/0**
- **Transport Canada Type Approval Certificate: LR2422118SSTC-01 (02 Apr 2024)**
  - Specified standards: **IMO Res. MSC.81(70), Part 1 (as amended)** and **TP 14475E**