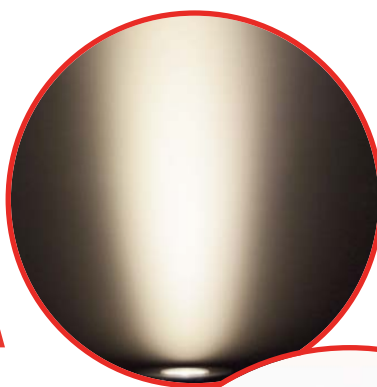


## RFX44 (2.5W Max.)

Ø44mm Recessed LED  
Uplight



- Compact recessed LED uplight
- High output, low profile LED uplight
- Robust, corrosion-resistant construction
- Colour Change version available
- Low voltage, high efficiency
- Long life - 50,000hrs typical
- High reliability, low maintenance



### Description

Ø44mm LED uplight constructed from a marine grade 316 stainless steel bezel with an optional custom powder-coated finish and anodised aluminium body. The luminaire is fitted with 1x high power Osram LED, a toughened clear glass lens and a choice of optic angles. Terminated with a 1 metre, 2-core rubberised cable (other lengths available) via an IP67 cable gland. The fitting is rear encapsulated, maintaining mechanical integrity and providing ingress protection.

*This LED unit must be wired in series to a suitable 700mA constant current control gear.*

### Characteristics

#### Optical

Number of LEDs = 1 high power Osram LED  
Illuminated Area = Ø23.0mm  
Optic Type = Ledil "Heidi"

#### LED Output:

Colour	CCT/nm	lm	CRI
Warm White	3000K	200	83+
Red	625nm	115	-

*Note: Lumen output accounts for a 90% optic efficiency.*

#### Electrical

Typical Voltage = 2.4-3.2VDC  
*(N.B. Must be connected to a constant current LED driver.)*  
Drive Current = 700mA (0.7A)  
Power Consumption = 1.7-2.5W max.  
Termination = 1 metre, 2-core rubberised cable, 0.75mm<sup>2</sup> CSA, 5.5mm O.D. (njo Ref. W217)  
Luminaire Classification = Class III  
(In accordance with BS EN 60598-1:2008)

#### Mechanical

Bezel O.D. = Ø44.0mm, Thickness = 2.0mm  
Body O.D. = Ø34.0mm, Rear Depth = 32.0mm  
Lens = 6.0mm toughened glass  
Lens Diameter = 23.0mm  
Mounting Hole = Ø35.0mm (without mounting sleeve)  
IP Rating = IP67  
Product Weight = 0.13kg

### Selection Guide

RFX44-	S-	R-	MA-	C-	700-	2M
Product Series	Housing	LED Colour	Output Angle	Lens Type	Current	Cable Length
RFX = Recessed Luminaire 44 = Ø44.0mm Bezel	S = Stainless Steel Bezel with Black Anodised Aluminium Body CP = Custom Powder-coated Bezel (contact njo Sales for more info.)	W30 = Warm White (3000K) R = Red  Other colour options are available.	NA = Narrow (10°) Angle MA = Medium (26°) Angle WA = Wide (48°) Angle	C = Clear	700 = 700mA	2M = 2 Metre Cable 5M = 5 Metre Cable  (if a 1 metre cable is fitted, no code needs to be added)

Example **RFX44-S-R-MA-C-700** (RFX44, St. Stl. Bezel and Aluminium Body, Red LED, Medium Angle Output, Clear Lens, 700mA, 1 Metre Cable)

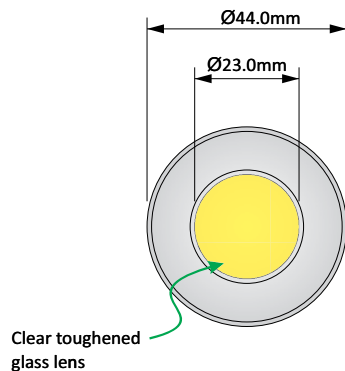
# RFX44 (2.5W Max.)

Ø44mm Recessed LED  
Uplight



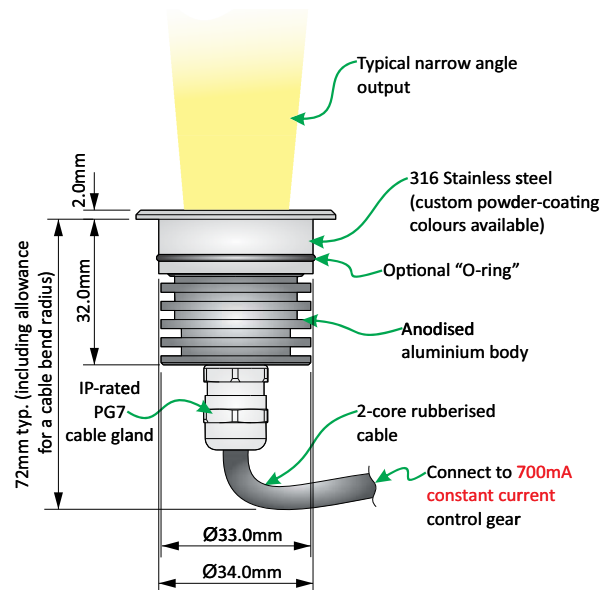
## Mechanical Details

Top View



Bezel O.D. Ø44.0mm, Thickness 2.0mm  
Body O.D. Ø34.0mm, Rear Depth 32.0mm

Side View

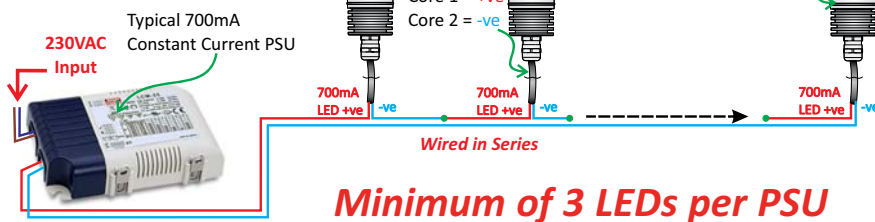


Lens = 6mm Toughened Glass  
Environmental Protection to IP67

## Wiring & Mounting Details

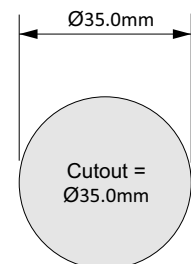
### Wiring Details:

#### i, Typical Wiring

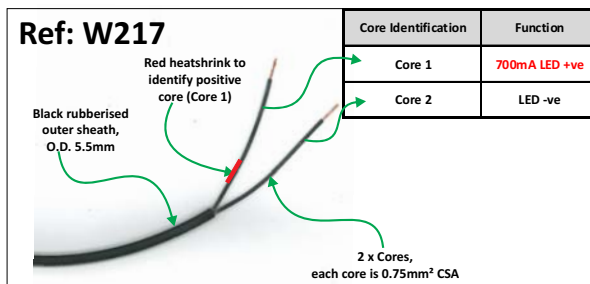


### Mounting Details:

#### i, Without Sleeve



#### ii, LED Cable Identification



### RFX44 Sleeve Part No.

**"RFX44-SLEEVE-ACE-01"**

Optional black acetal mounting sleeve, please contact njo for more information.

#### ii, With Sleeve



The appearance and specifications of the product may be modified for improvement without notice.