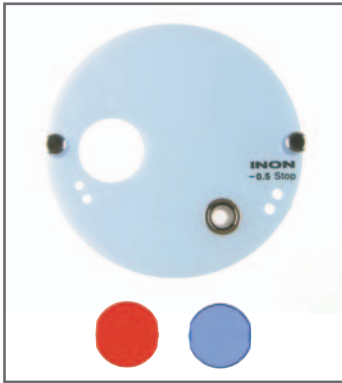
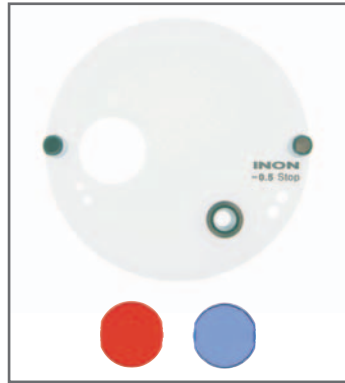


# INON Multi-functional Diffuser System



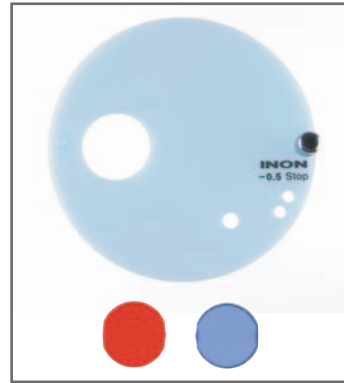
**External Auto Compatible -0.5**  
Diffuser / Blue  
for D-2000/D-180/D-180S

In development:  
**Auto Compatible -1.5**  
Diffuser / Blue  
for D-2000/D-180/D-180S



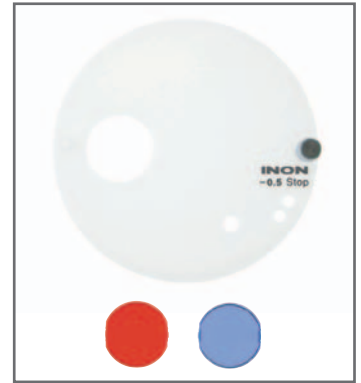
**External Auto Compatible -0.5**  
Diffuser / White  
for D-2000/D-180/D-180S

In development:  
**External Auto Compatible -1.5**  
Diffuser / White  
for D-2000/D-180/D-180S



**External Auto Non-Compatible -0.5**  
Diffuser / Blue  
for D-2000/Z-220/Z-220S

In development:  
**External Auto Non-Compatible -1.5**  
Diffuser / Blue  
for D-2000/Z-220/Z-220S



**External Auto Non-Compatible -0.5**  
Diffuser / White  
for D-2000/Z-220/Z-220S

In development:  
**External Auto Non-Compatible -1.5**  
Diffuser / White  
for D-2000/Z-220/Z-220S

**External Auto Non-Compatible -3**  
Diffuser / White  
for D-2000/Z-220/Z-220S

## 100° CircularBeam Angle

By attaching diffusers, the beam angle of all Inon strobes increases from a 100 degree circular beam to a 110 degree beam. Diffusers are useful especially when using wide angle lenses, but also with other lenses when some extra coverage is welcome; for example, when strobe positioning may vignette an image corner.

## Choose from three light output levels

Choose one of three\* different diffusers for **-0.5**, **-1.5** or **-3.0EV** of strobe light reduction. With dual strobes in S-TTL mode, by placing a diffuser on the right or left strobe, the flash output will be correspondingly weaker, creating shadow on the subject. Attaching diffusers softens the light quality for easy, more natural shadow rendition. In particular, the **-0.5** diffuser only reduces flash output by 1/2EV so for usual situations where full strobe output is not necessary we recommend installing diffuser(s) and using as your normal set-up.

(\* -1.5 and -3.0 diffuser models in development)

## White diffuser with close to sunlight equivalent 5400K color temperature

The **White Diffuser** widens the beam angle while maintaining a natural color temperature. When using the **White Diffuser**, its 5400K temperature has been designed to reproduce normal daylight.

\* All Inon strobes are specified with 5500K color temperature, the same as sunlight for accurate, natural color reproduction, with or without using white diffusers.

## Blue diffuser to correct red-yellow hues when using some digital camera strobes

The **Blue Diffuser** was developed to restore natural color in images taken with some digital cameras. Canon cameras have a feature intended to render skin tones more pleasingly by automatically compensating the whole image with a red-yellow hue. Underwater, this results in images with excessive red-yellow and no true white. The **Blue Diffuser** restores the natural colors, and also gives the image more seeming clarity.



Image taken with **Blue Diffuser**. The natural, clear colors of the nudibranch are restored. Canon IXY400 + D-2000 Strobe + **-0.5 Blue Diffuser**.

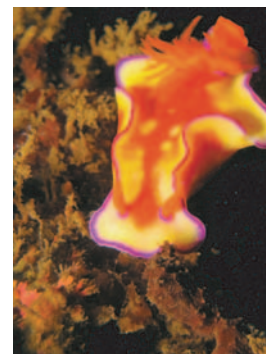
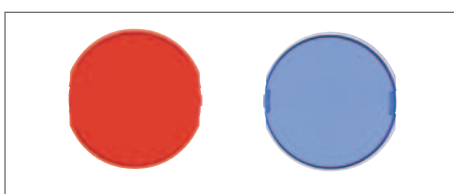


Image taken without diffuser. Nudibranch's white portion has yellowish cast; whole image lacks clarity. Canon IXY400 + D-2000 Strobe (without diffuser).

## Two diffuser types for two auto strobe systems

The Inon Diffuser System has two types of diffusers corresponding to the strobe's flash mode. The **"External Auto Compatible"** type is for Inon strobes with External Auto, S-TTL, TTL and Manual modes. The **"External Auto Non-Compatible"** type is compatible with strobes without External Auto mode, but having S-TTL, TTL and Manual modes. Z-220 strobe with Target Laser switch can only be used with **"External Auto Non-Compatible"** type.

## Light Filters to adjust Focus Light color



Light Filter Set for Diffuser / Red & Blue

Change shutter linked Focus Light color to red or blue. To install or remove, just snap in or out of the diffuser's focus light hole. (\*Light Filter Set included standard with Inon diffusers)

Attach the red filter when imaging shy subjects which may be frightened by the Focus Light's normal white beam. Also attach the red filter when in S-TTL mode to increase TTL exposure adjustment accuracy.

The blue filter is for use with Fujifilm F710 and other digicams not having a pre-flash. Attaching blue filter will minimize focus light beam from influencing image exposure.