

GOGGLES

"miner's lamp"

FHS/F-01

Model of light head	Excitation for Fluorescent protein	Wavelength
FHS/LS-1RB	Cyan	440-460nm
FHS/LS-1B	Green&Yellow	460-495nm
FHS/LS-1G	Red	515-588nm

Build your own
miner's lamp!

The magnifier lens can be attached to both FHS/F-00 or FHS/F-01 goggles providing 2.5x magnification.



MG-2.5

magnifier lens

This device operates as a "miner's lamp", providing maximum freedom to move around during observation GFP fluorescence. With this new modular design, you can build your own goggles for your special needs. Both excitation light sources and emission filters are available for the typical FPs ECFP, EGFP, EYFP and DsRed. The light sources and emission filters are conveniently changeable, so that the same goggles can be used for a spectrum of different FPs. It is operated by four AA size alkaline batteries, and the power consumption is so low that under normal usage, the batteries will last several months. A 2.5x magnifier lens (MG-2.5) can be attached to the emission filters.

Emission filters model	Fluorescent Protein	Open (Wavelength nm)
FHS/EF-1C2	Cyan	470-500nm
FHS/EF-2G2	Green	500-515nm
FHS/EF-3GY1	Green&Yellow	500-650nm
FHS/EF-3GY2	Green&Yellow	500-550nm
FHS/EF-4Y1	Yellow	520-650nm
FHS/EF-4Y2	Yellow	520-550nm
FHS/EF-4R2	Red	590-660nm

H-1165 Budapest, Zsélyi Aladár u.31. Hungary
Ph.:36-1-407-2602; Fax:36-1-401-0925; e-mail: bls@t-online.hu



www.bls-ltd.com

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"miner's lamp"

GFsP-5



This device works as a "miner's lamp", which provides the maximum freedom to move around during GFP observation. The light source contains 7 ultra bright blue LEDs and a barrier filter. It is attached to the upper part of the goggles with a mechanism, which allows for optimal angle adjustment of the beam. The goggles contain wide path barrier filters for GFP emission observation. The GFsP-5 operates with four AA size alkaline batteries placed into the battery holders attached on either side of the goggles. The power consumption of the light source is so low that the batteries provide several months of operation under normal use.

We also manufacture a similar design for Cyan Fluorescent Protein observation under the CyFsP-5 model name.

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