



PERFEX
sciences

Fiber Optic & LED Light Sources



The quality of observations made with a microscope or stereo microscope depends, to a great extent, on the light source used to illuminate the subject of observation. It is essential to use a suitable lighting system to get beautiful and useful images. Perfex offers a wide range of fiber optic and LED lighting systems to make the most of your optical instruments.

Different solutions are thus available to adapt the lighting to the type of subject observed. For example, a grazing light is chosen to observe details on the surface of a sample.



Optic Fiber



LED back light



LED ring light



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See details on next page ...

FIBER OPTIC LIGHT SOURCES :

Mounting adapters for 2-armed combi light guides:

for round columns \varnothing 35/32/30/25 mm (**SLED666**) for C-PS and SZ2 stands (**SLED606**)

Optical element (included)

Goose-neck Combi light guides:
2-arm aktiv \varnothing 2 x 4.5 mm L = 750 mm (**SEFOD13**)

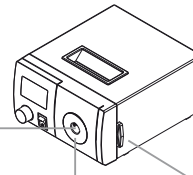
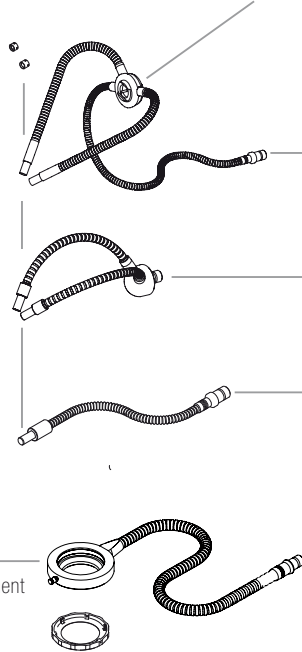
Goose-neck light guide, 2-armed
2-armed, active \varnothing 2 x 4.5 mm L = 550 mm (**SEFOD11**)
2-armed, ESD, active \varnothing 2 x 4.5 mm L = 550 mm (**SEFOD12**)

Flexible light guides:
1-armed, active \varnothing 5 mm L = 1000 mm (**SEFOD14**)

Objective adapters
for ring light \varnothing 66 mm:
66/60 (**SLED662**)
M48 x 0.75 (**SLED663**)
M55 x 0.75 (**SLED664**)
Universal adapter for
 \varnothing 38–58 mm (**SLED661**)



RL Standard
 \varnothing 66 mm with
focusing attachment
L = 1000 mm
(**SLED665**)

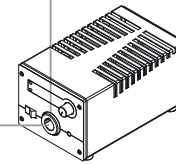


F3000
SGENF30



Slot-in filters:
blue (**Contact us**)
green (**Contact us**)
yellow (**SGENF33**)
red (**Contact us**)
grey (**Contact us**)
halogen 3 500 K (**SGENF34**)
filter holder, empty (**Contact us**)

Adapters for Schott
light guides, loss-free
with clamping screw
(**SGENF13**)



F1 (**SGENF10**)



Weighted insertable
module (**SGENF11**)

LED LIGHT SOURCES :



Segment Control Unit
(**SGENF16**)



Standard Control Unit
(**SGENF15**)



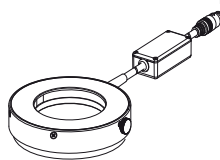
Combi Control Unit
(**SGENF17**)



LED ring light 38/20
(**SLED381**)



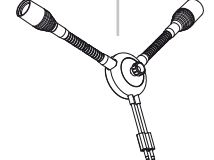
LED ring light 66/40
(**SLED669**)



LED ring light 66/80
35–120 mm (**SLED680**)



LED back light universal
(**SLEDT00**)



LED Hi-Power spot 2-arm
5900K (**SLED670**)

Diffuser 66/40
(**SLED671**)



Polarising filter set 66/40
(**SLED673**)



Adapters (see above)



Diffuser 66/80
(**SLED672**)



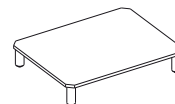
Polarising filter set 66/80
(**SLED674**)



Adapters (see above)



Glass plate (**SLEDT01**)



Adapters :
SLED606
SLED666



SLED380 Set : Ring light 38/20
(working distance 50–100 mm)
+ Standard control unit

SLED660 Set : Ring light 66/40
(working distance 55–120 mm)
+ Segment control unit

SLEDT03 Set :
Back light universal
+ Standard control unit

SLED667 Set :
Hi-Power Spot 2-arm 5900K
+ Hi-Power control unit