

# RAPTOR

## MACRO CINE LENSES

The movement toward larger format sensors is still in progress, and the number of large format cameras available keeps growing. Examples include the ARRI LF and Alexa 65, the SONY Venice and A7, and the RED Monstro 8K VV, Weapon 6K and 8K, and the Panavision DXL2. Larger sensors deliver a film-style look with interesting bokeh due to their very shallow depth of field and require lenses that can cover the complete area.

IB/E OPTICS presents the RAPTOR Macro Lens Set of four focal lengths: 60 mm/T2.9, 100 mm/T2.9, 150 mm/T2.9, 180 mm/T2.9. The RAPTOR lenses cover (ø 50mm) with a PL mount and (ø 55mm) with an XPL mount. They have 1:1 magnification, a T-Stop of 2.9 and robust, professional cine mechanics.



**Item No:**  
 60 mm: 600000000081 (ft) / - ...82 (mtr.)  
 100 mm: 600000000083 (ft) / - ...84 (mtr.)  
 150 mm: 600000000085 (ft) / - ...86 (mtr.)  
 180 mm: 600000000087 (ft) / - ...88 (mtr.)

## FEATURES:

- Maximum Magnification 1:1
- Internal Focusing (Constant Lens Length)
- Extended Color Correction (APO)
- T-Stop 2.9 for all Focal Lengths
- Consistent Distance from Flange to Iris and Focus Ring
- Front Diameter of 95 mm
- M0.8 Gear Wheels for Focus and Iris Control
- UMS PL Mount (Nikon F, Canon EF, Sony NEX E, etc.)
- Robust Mechanical Design

## TECHNICAL Data

	60 mm	100 mm	150 mm	180 mm
Magnification	1:1	1:1	1:1	1:1
Aperture	T 2.9 - T 22	T 2.9 - T 22	T 2.9 - T 22	T 2.9 - T 22
Max. Aperture Infinity / Near	T 2.9 - T 5.3	T 2.9 - T 5.3	T 2.9 - T 5.3	T 2.9 - T 5.3
Close Focus	19.0 cm / 7.5"	31.2 cm / 12.3"	38.0 cm / 15"	47.0 cm / 18.5"
Min. Working Distance	3.2 cm / 1.26"	11.5 cm / 4.53"	18.3 cm / 7.20"	21.8 cm / 8.58"
Focus Rotation	320°	320°	320°	320°
Iris Rotation	60°	60°	60°	60°
No. Iris Blades	9	9	9	9
Max. Image Diameter (PL Mount)	50 mm / 1.97"	50 mm / 1.97"	50 mm / 1.97"	50 mm / 1.97"
Mount	PL UMS	PL UMS	PL UMS	PL UMS
Length (Flange to Front)	106 mm / 4.17"	150 mm / 5.91"	150 mm / 5.91"	193 mm / 7.60"
Front Diameter	95 mm / 3.74"	95 mm / 3.74"	95 mm / 3.74"	95 mm / 3.74"
Weight	1.15 kg / 2.54 lbs	1.55 kg / 3.42 lbs	1.76 kg / 3.88 lbs	2.48 kg / 5.47 lbs

