



LEICA GEOVID BRF 42 mm

Technical Data



Binocular	LEICA GEOVID 10 x 42 BRF	LEICA GEOVID 8 x 42 BRF
Order No. Product	40 027 (Meter-Version) 40 029 (Yard-Version)	40 026 (Meter-Version) 40 028 (Yard-Version)
Delivery scope	Neoprene carrying strap, eyepiece cover, protective front lens cover, battery, Cordura case	Neoprene carrying strap, eyepiece cover, protective front lens cover, battery, Cordura case
Magnification	10 x	8 x
Front lens diameter	42 mm	42 mm
Exit pupil	4.2 mm	5.3 mm
Twilight factor	20.5	18.3
Field of view at 1,000 m	110 m	125 m
Field of view at 1,000 yds	331 ft	368 ft
Eye-relief	15.6 mm	18 mm
Objective angle of view	6.3°	7°
Close focusing distance	approx. 5.6 m/18.4 ft	approx. 5.6 m/18.4 ft
Diopter compensation	± 3.5 diopters	± 3.5 diopters
Distance measurement		
Range	10 m to approx. 1,200 m/10 yds to approx. 1,300 yds	10 m up to approx. 1,200 m/10 yds to approx. 1,300 yds
Accuracy	± 1 m/yd up to 350 m/380 yds ± 2 m/yds up to 700 m/763 yds ± 0.5 % beyond 700 m/763 yds	± 1 m/yd up to 350 m/380 yds ± 2 m/yds up to 700 m/763 yds ± 0.5 % beyond 700 m/763 yds
Read-outs	LED display with four digits, easily legible in any light	LED display with four digits, easily legible in any light
Eyepieces for eyeglass wearers	yes	yes
Sliding eyecups	yes, removable, with two click stops	yes, removable, with two click stops
Adjustable interpupillary distance	56–74 mm	56–74 mm
Focusing	Internal focusing via central focusing device	Internal focusing via central focusing device
No. of lens elements (each side)	7, all with HDC™ coating	7, all with HDC™ coating
Prism system	Roof prism with phase correction coating P40	Roof prism with phase correction coating P40
Watertightness	Watertight to a depth of 5 m/16.5 ft	Watertight to a depth of 5 m/16.5 ft
Housing	Die-cast aluminium, nitrogen-filled	Die-cast aluminium, nitrogen-filled
Dimensions (W x H x D)	125 x 168 x 70 mm / 4¾ x 6¾ x 2¾ in	125 x 173 x 70 mm / 4¾ x 6¾ x 2¾ in
Weight	approx. 945 g/33.3 oz incl. batteries	approx. 950 g/33.5 oz incl. batteries
Meter / Yard selector	no	no
Laser	Eye-safe invisible laser according to EN and FDA class I	Eye-safe invisible laser according to EN and FDA class I
Laser beam divergence	2.5 x 0.5 mrad	2.5 x 0.5 mrad
Measuring time	max. approx. 1.4 s	max. approx. 1.4 s
Measuring mode	Scanning mode	Scanning mode
Power supply	1 x 3V/Lithium-type C2R	1 x 3V/Lithium-type C2R
Battery lifetime	approx. 2,000 measurements at 20°C/68°F	approx. 2,000 measurements at 20°C/68°F
Order No. Accessories		
Neopren carrying strap, contoured	included	included
Floating carrying strap, orange	42 163	42 163
Tripod adapter	42 220	42 220