



LEICA GEOVID R

Technical Data.



Designation	Leica Geovid R 8 x 42	Leica Geovid R 10 x 42
Device type	Rangefinder	Rangefinder
Order no.	40 811	40 812
Scope of delivery	Contoured neoprene carrying strap, front lens cover, eyepiece caps, cordura case, battery	Contoured neoprene carrying strap, front lens cover, eyepiece caps, cordura case, battery
Magnification	8 x	10 x
Front lens diameter	42 mm	42 mm
Exit pupil	5.25 mm	4.2 mm
Twilight factor	18.3	20.5
Field of view at 1,000 yds/1,000 m	375 ft / 125 m	330 ft / 110 m
Field of view for spectacle wearers	360 ft / 120 m	315 ft / 105 m
Eye relief	15.5 mm	14.5 mm
Objective angle of view	7.2°	6.3°
Close distance	approx. 18.4 ft / 5.6 m	approx. 18.4 ft / 5.6 m
Diopter compensation	±4 dpt.	±4 dpt.
Distance measurement		
Range	10 up to approx. 2,000 yds / 1,800 m	10 up to approx. 1,800 m
Equivalent horizontal range (EHR)	10 up to approx. 1,200 yds / 1,100 m	10 up to approx. 1,100 m
Measuring accuracy	± 1 yd to 383 yds / ± 1 m to 350 m ± 2 yds to 765 yds / ± 2 m to 700 m ± 0.5 % above 765 yds / ± 0,5 % above 700 m	± 1 yd to 383 yds / ± 1 m to 350 m ± 2 yds to 765 yds / ± 2 m to 700 m ± 0.5 % above 765 yds / ± 0,5 % above 700 m
Measuring time	0.3 sec.	0.3 sec.
Measuring modes	Scanning mode, single measurement	Scanning mode, single measurement
Switchover meter/yards	yes	yes
Ballistic function	no	no
Display	LED display with 4 digits, easily legible in any light	LED display with 4 digits, easily legible in any light
Eyepiece for eyeglass wearers	yes	yes
Eyecups	yes, rotary sliding sleeve, detachable, with 4 click-stops	yes, rotary sliding sleeve, detachable, with 4 click-stops
Prism system	Modified Uppendahl system	Modified Uppendahl system
Lens coating	HDC® multilayer coating	HDC® multilayer coating
Focussing	Internal focusing via central drive	Internal focusing via central drive

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LEICA GEOVID R

Technical Data.



Designation	Leica Geovid R 8 x 42	Leica Geovid R 10 x 42
Laser	Eye-safe invisible laser according to EN and FDA class 1	Eye-safe invisible laser according to EN and FDA class 1
Battery	1 x 3 V / Lithium-type CR2	1 x 3 V / Lithium-type CR2
Battery lifetime	approx. 2,000 measurements at 68°F / 20°C	approx. 2,000 measurements at 68°F / 20°C
Watertightness	waterproof to 16.5 ft / 5 m	waterproof to 16.5 ft / 5 m
Housing	Aluminum, nitrogen-filled	Aluminum, nitrogen-filled
Dimensions (W x H x D)	4.9 x 6.8 x 2.8 in / 125 x 173 x 70 mm	4.9 x 6.6 x 2.8 in / 125 x 168 x 70 mm
Weight	approx. 33.9 oz / 960 g (without battery)	approx. 33.7 oz / 955 g (without battery)
Accessories		
Tripod adapter	42 220	42 220



LEICA GEOVID R

Technical Data.



Designation	Leica Geovid R 8 x 56	Leica Geovid R 15 x 56
Device type	Rangefinder	Rangefinder
Order no.	40 813	40 814
Scope of delivery	Contoured neoprene carrying strap, front lens cover, eyepiece caps, cordura case, battery	Contoured neoprene carrying strap, front lens cover, eyepiece caps, cordura case, battery
Magnification	8 x	15 x
Front lens diameter	56 mm	56 mm
Exit pupil	7.0 mm	3.7 mm
Twilight factor	21.2	28.2
Field of view at 1,000 yds/1,000 m	354 ft / 118 m	225 ft / 75 m
Field of view for spectacle wearers	318.6 ft / 106.2 m	194.4 ft / 64.8 m
Eye relief	18 mm	15 mm
Objective angle of view	6.8°	4.3°
Close distance	approx. 18.4 ft / 5.6 m	approx. 19.4 ft / 5.9 m
Diopter compensation	±4 dpt.	±4 dpt.
Distance measurement		
Range	10 up to approx. 2,000 yds / 1,800 m	10 up to approx. 1,800 m
Equivalent horizontal range (EHR)	10 up to approx. 1,200 yds / 1,100 m	10 up to approx. 1,100 m
Measuring accuracy	± 1 yd to 383 yds / ± 1 m to 350 m ± 2 yds to 765 yds / ± 2 m to 700 m ± 0.5 % above 765 yds / ± 0,5 % above 700 m	± 1 yd to 383 yds / ± 1 m to 350 m ± 2 yds to 765 yds / ± 2 m to 700 m ± 0.5 % above 765 yds / ± 0,5 % above 700 m
Measuring time	0.3 sec.	0.3 sec.
Measuring modes	Scanning mode, single measurement	Scanning mode, single measurement
Switchover meter/yards	yes	yes
Ballistic function	no	no
Display	LED display with 4 digits, easily legible in any light	LED display with 4 digits, easily legible in any light
Eyepiece for eyeglass wearers	yes	yes
Eyecups	yes, rotary sliding sleeve, detachable, with 4 click-stops	yes, rotary sliding sleeve, detachable, with 4 click-stops
Prism system	modified Uppendahl system	modified Uppendahl system
Lens coating	HDC® multilayer coating	HDC® multilayer coating
Focussing	Internal focusing via central drive	Internal focusing via central drive

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LEICA GEOVID R

Technical Data.



Designation	Leica Geovid R 8 x 56	Leica Geovid R 15 x 56
Laser	Eye-safe invisible laser according to EN and FDA class 1	Eye-safe invisible laser according to EN and FDA class 1
Battery	1 x 3 V / Lithium-type CR2	1 x 3 V / Lithium-type CR2
Battery lifetime	approx. 2,000 measurements at 68°F / 20°C	approx. 2,000 measurements at 68°F / 20°C
Watertightness	waterproof to 16.5 ft / 5 m	waterproof to 16.5 ft / 5 m
Housing	Aluminum, nitrogen-filled	Aluminum, nitrogen-filled
Dimensions (W x H x D)	5.3 x 7.2 x 2.7 in / 135 x 182 x 68 mm	5.3 x 8.3 x 2.8 in / 134 x 210 x 70 mm
Weight	approx. 38.8 oz / 1,090 g (without battery)	approx. 45.9 oz / 1,260 g (without battery)
Accessories		
Tripod adapter	42 220	42 220