



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 (black)	40 812 (black)
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
Adjustable interpupillary distance	56 to 74 mm	56 to 74 mm
Diopter compensation	± 4 dpt.	± 4 dpt.
Distance measurement		
Range	10 up to approx. 2,000 yds / 1,800 m	10 up to approx. 2,000 yds / 1,800 m
Equivalent horizontal range (EHR)	10 up to approx. 1,200 yds / 1,100 m	10 up to approx. 1,200 yds / 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	max 0.3 sec.	max 0.3 sec.
Measuring modes	Scan mode, single measurement	Scan mode, single measurement
Switchover meter/yards	yes	yes
Ballistic function	no	no
On-board wind correction	no	no
Output "Equivalent horizontal range"	yes	yes
Display	LED display with 4 digits, automatic brightness control	LED display with 4 digits, automatic brightness control
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

continued on page 2



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
Laser beam divergence	2.5x0.5 mrad	2.5x0.5 mrad
Inclination sensor	yes	yes
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	to a depth of 16.5 ft / 5 m	to a depth of 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		
Winged eyecups	42 006	42 006
Floating carrying strap	42 163	42 163
Tripod adapter	42 220	42 220



LEICA GEOVID R

Technical Data.



Designation	Leica Geovid R 8x56	Leica Geovid R 15x56
Device type	Rangefinder	Rangefinder
Order no.	40 813 (black)	40 814 (black)
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	8x	15x
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
Adjustable interpupillary distance	58 to 74 mm	58 to 74 mm
Diopter compensation	± 4 dpt.	± 4 dpt.
Distance measurement		
Range	10 up to approx. 2,000 yds / 1,800 m	10 up to approx. 2,000 yds / 1,800 m
Equivalent horizontal range (EHR)	10 up to approx. 1,200 yds / 1,100 m	10 up to approx. 1,200 yds / 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	max 0.3 sec.	max 0.3 sec.
Measuring modes	Scan mode, single measurement	Scan mode, single measurement
Switchover meter/yards	yes	yes
Ballistic function	no	no
On-board wind correction	no	no
Output "Equivalent horizontal range"	yes	yes
Display	LED display with 4 digits, automatic brightness control	LED display with 4 digits, automatic brightness control
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

continued on page 4



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
Laser beam divergence	2.5x0.5 mrad	2.5x0.5 mrad
Inclination sensor	yes	yes
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	to a depth of 16.5 ft / 5 m	to a depth of 16.5 ft / 5 m
Housing	Aluminum, nitrogen-filled	Aluminum, nitrogen-filled
Dimensions (W x H x D)	5.3x7.2x2.7 in / 135x182x68 mm	5.3x8.3x2.8 in / 134x210x70 mm
Weight	approx. 38.8 oz / 1,090 g (without battery)	approx. 45.9 oz / 1,260 g (without battery)
Accessories		
Winged eyecups	42 006	42 006
Floating carrying strap	42 163	42 163
Tripod adapter	42 220	42 220



LEICA GEOVID R SE

Technical Data.



Designation	Leica Geovid R SE 8x42	Leica Geovid R SE 10x42
Device type	Rangefinder	Rangefinder
Order no.	40 825 (black)	40 826 (black)
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	8x	10x
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
Adjustable interpupillary distance	56 to 74 mm	56 to 74 mm
Diopter compensation	± 4 dpt.	± 4 dpt.
Distance measurement		
Range	10 up to approx. 1,640 yds / 1,500 m	10 up to approx. 1,640 yds / 1,500 m
Equivalent horizontal range (EHR)	–	–
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	max 0.3 sec.	max 0.3 sec.
Measuring modes	Scan mode, single measurement	Scan mode, single measurement
Switchover meter/yards	yes	yes
Ballistic function	no	no
On-board wind correction	no	no
Output "Equivalent horizontal range"	no	no
Display	LED display with 4 digits, automatic brightness control	LED display with 4 digits, automatic brightness control
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

continued on page 6



LEICA GEOVID R SE

Technical Data.



Designation	Leica Geovid R SE 8x42	Leica Geovid R SE 10x42
Laser	Eye-safe invisible laser according to EN and FDA class 1	Eye-safe invisible laser according to EN and FDA class 1
Laser beam divergence	2.5x0.5 mrad	2.5x0.5 mrad
Inclination sensor	yes	yes
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	to a depth of 16.5 ft / 5 m	to a depth of 16.5 ft / 5 m
Housing	Aluminum, nitrogen-filled	Aluminum, nitrogen-filled
Dimensions (W x H x D)	4.9x6.8x2.8 in / 125x173x70 mm	4.9x6.6x2.8 in / 125x168x70 mm
Weight	approx. 33.9 oz / 960 g (without battery)	approx. 33.7 oz / 955 g (without battery)
Accessories		
Winged eyecups	42 006	42 006
Floating carrying strap	42 163	42 163
Tripod adapter	42 220	42 220



LEICA GEOVID R SE

Technical Data.



Designation	Leica Geovid R SE 8x56	Leica Geovid R SE 15x56
Device type	Rangefinder	Rangefinder
Order no.	40 827 (black)	40 828 (black)
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	8x	15x
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
Adjustable interpupillary distance	58 to 74 mm	58 to 74 mm
Diopter compensation	± 4 dpt.	± 4 dpt.
Distance measurement		
Range	10 up to approx. 1,640 yds / 1,500 m	10 up to approx. 1,640 yds / 1,500 m
Equivalent horizontal range (EHR)	–	–
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	max 0.3 sec.	max 0.3 sec.
Measuring modes	Scan mode, single measurement	Scan mode, single measurement
Switchover meter/yards	yes	yes
Ballistic function	no	no
On-board wind correction	no	no
Output "Equivalent horizontal range"	no	no
Display	LED display with 4 digits, automatic brightness control	LED display with 4 digits, automatic brightness control
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

continued on page 8



LEICA GEOVID R SE

Technical Data.



Designation	Leica Geovid R SE 8x56	Leica Geovid R SE 15x56
Laser	Eye-safe invisible laser according to EN and FDA class 1	Eye-safe invisible laser according to EN and FDA class 1
Laser beam divergence	2.5x0.5 mrad	2.5x0.5 mrad
Inclination sensor	yes	yes
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	to a depth of 16.5 ft / 5 m	to a depth of 16.5 ft / 5 m
Housing	Aluminum, nitrogen-filled	Aluminum, nitrogen-filled
Dimensions (W x H x D)	5.3x7.2x2.7 in / 135x182x68 mm	5.3x8.3x2.8 in / 134x210x70 mm
Weight	approx. 38.8 oz / 1,090 g (without battery)	approx. 45.9 oz / 1,260 g (without battery)
Accessories		
Winged eyecups	42 006	42 006
Floating carrying strap	42 163	42 163
Tripod adapter	42 220	42 220