

Scorpion EXO-Eclipse Full Face Helmet

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Scorpion's EXO-Eclipse is its new top of the line offering in the mid-line full-face helmet segment, and it's one of the most functional helmets I've ever tested at any price!

Our test Eclipse's Matte Black exterior is handsomely styled, with tasteful red accents near the ventilation areas. Fresh air intake is via an open/closed chin vent and another open/closed vent at the front peak, exhausting through three passive vents on the helmet's rear.

The aerodynamic shell itself is a vacuum molded 7 layer "Lite Force Carbon Matrix" using proprietary resins, resulting in a very light weight helmet – only 3.4 pounds for our size L test model.

The "intermediate oval" shaped interior is lush but clearly durable, with many innovative details that offer an individualized fit. Scorpion's "Airfit" cheek pads can be rapidly inflated or deflated via onboard valves in front of the rider's chin, and can be actuated with gloves on. The 3D Contour cheek pads themselves feature a clearly marked emergency quick-release mechanism, for EMTs to safely and rapidly remove the helmet if necessary. The Cool Tech anti-microbial and moisture-wicking liner itself is a blend of 60% Nylon, 27% Polyester, and 13% Spandex, and features an adjustable crown for fine tuning the fit. The crown, cheek pads, and neck roll are all easily dismantled and fully washable. A removable skirt is also included to effectively block wind from blowing up into the chin area, for more comfortable cold weather riding and reduced road noise. Speaker cutouts

beneath the helmet liner are included for comm users.

Out on the road, the EXO-Eclipse performed exceedingly well under all of the various circumstances I subjected it to over the winter and spring seasons here on the East Coast, including foul weather. On all-day jaunts, there were no sore points after many hours in the saddle. All of the controls are ergonomically located and actuate with a quality feel. Ventilation was superb, with airflow efficiently focused through a series of internal channels and ports for quick cooling.

Above all, what truly stood out was the optical clarity of the face shields. The standard Optical Class 1 Clearmax Vision shield delivers exceptional visual accuracy with scratch resistance, 95% UVA+B protection, and an anti-fog coating. A secure locking mechanism ensures a tight seal—perfect for long rides in the rain or high-speed cruising.

For added versatility, the package includes a Dark Smoke tinted shield and a Pinlock anti-fog insert. The EXO's integrated drop-down sunshield extends 5 mm beyond the standard setting via an external selector switch, allowing riders to fine-tune their coverage. Notably, all of these shields meet Optical Class 1 standards for distortion-free vision. To top it off, titanium D-rings add a premium touch while trimming a few extra grams.

Scorpion's APEX Series Optical Class 1 shields utilize varied thicknesses across the lens to enhance visual accuracy, minimize glare, and eliminate distortion. The result? Outstanding real-world clarity. In my experience, this is the sharpest, most optically precise shield I've ever used—even compared to premium Japanese helmets costing twice as much.

Bottom line: The Scorpion EXO-Eclipse offers a high degree of practical usability, customizable fitment, and unparalleled optical clarity at a very reasonable price for a helmet of this impressive level of build quality. It meets both DOT FMVSS No. 218 and ECE 22.06, and carries a 5-year warranty. MSRP is \$529.95 in sizes XS-3XL.

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Product provided for review by vendor

