



LIGHT™

HELMETS

TECHNOLOGY FROM THE BATTLEFIELD,
PERFECTED FOR THE PLAYING FIELD.



OUR STORY

SPORT ★




OAKLEY

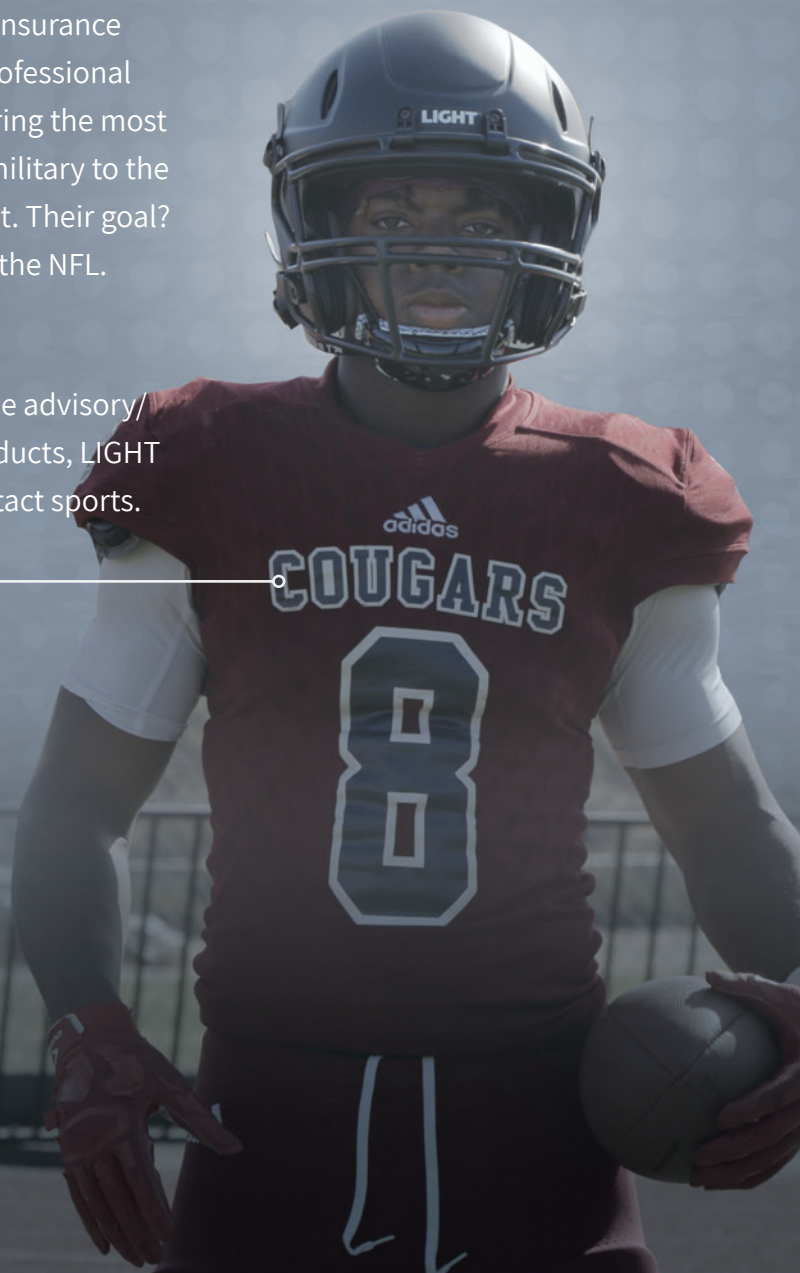
D3O 



LIGHT Helmets found its beginnings as SG Helmets, which was started in 2011 by Bill Simpson and Chip Ganassi. After revolutionizing the professional auto racing industry with the most innovative and ground-breaking safety equipment, Simpson turned his focus to football helmets. Jeff Saturday and many others wore SG Helmets in the NFL, Division 1 college, high schools, and youth programs across the country.

In 2018, former professional racecar driver and marketing executive, Nicholas Esayian, along with a handful of partners and investors purchased the assets of SG Helmets from Simpson. This group of investors – which included Navy SEALs, entrepreneurs, insurance executives, CEOs from the financial services industry, professional athletes, and other successful individuals – wanted to bring the most advanced materials from auto racing, aviation and the military to the football field and disrupt the protective headgear market. Their goal? To improve the safety of all players, from pop warner to the NFL. In 2018, the company was rebranded as LIGHT Helmets.

With their innovative product development team, diverse advisory/medical board, and Virginia Tech 5-star rated line of products, LIGHT Helmets is on the path to revolutionize the world of contact sports.



LS2

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LS2

FOOTBALL HELMET





SAFETY AND PERFORMANCE

THE FUTURE OF FOOTBALL PROTECTION IS HERE

Engineered with state-of-the-art materials and advanced technology transitioned from the battlefield, military aviation, and auto racing industries, the new LIGHT LS2 allows athletes to play safer, faster and lighter.

GAME CHANGING PERFORMANCE

Players rely on the LIGHT LS2 because it allows them to move faster, react quicker, and more efficiently on the field while also reducing fatigue. Traditional football helmets can weigh up to 6 pounds, but at approximately 3 pounds, the LIGHT LS2 provides players and teams with a competitive advantage.



THE INDEPENDENT HELMET LAB OF VIRGINIA TECH GIVES THE LIGHT LS2 5 STARS

The independent helmet testing lab at Virginia Tech is the industry standard for rating helmets and protective equipment. The Varsity LS2's STAR value score of 2.38 ranked #8 of 27 helmets tested and #5 out of helmets currently in production.

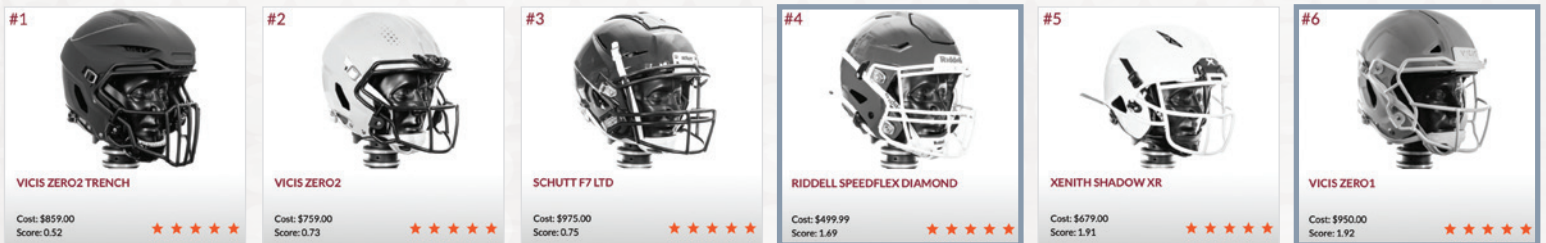
	LIGHT	OTHER
Approximately 3 pounds	✓	✗
Advanced composite shell	✓	✗
Armor Foam liner transitioned from the military	✓	✗
Light Chromoly Steel facemask	✓	✗
Guaranteed refurbishment*	✓	✗
Lightest youth football helmet in the world	✓	✗
Standard Victory SportsStar chinstrap	✓	some
Meets or exceeds NOCSAE standards	✓	✓
Virginia Tech 5-star rating	✓	some
Douglas EZ Pro Chinstrap Snaps	✓	some
Resizable within any shell size	✓	✗

*first refurbishment

VARSITY FOOTBALL HELMET RATINGS

2022 Edition

A total of 27 varsity football helmets have been rated using the STAR evaluation system. Virginia Tech's impact tests evaluate a helmet's ability to reduce linear and rotational acceleration of the head resulting from a range of head impacts a football player might see on the field. Helmets with more stars provide a reduction in concussion risk for these impacts compared to helmets with less stars.



#8



LIGHT LS2-CV ★ ★ ★ ★ ★

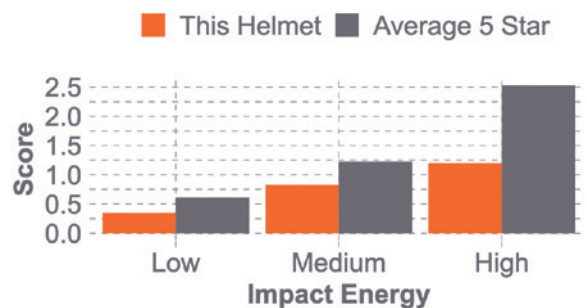
Price when tested: \$595.00

The LIGHT LS2-CV earned a 5 star rating. Its STAR value score of 2.38 ranked #8 of 27 helmets tested and #5 out of helmets currently in production.

We tested this helmet in 2022 with the SK1V facemask attached. This configuration had a total weight of 3.5 lbs. This plot compares this helmet's weight to all the other helmet



This plot compares this helmet's performance to the average 5 star-rated helmet at the 3 impact severities. Lower values for the score contribution indicate better performance. The low impact severity is intended to represent common impacts in varsity football. The high impact severity is intended to represent the types of impacts most commonly resulting in concussions. The medium impact severity falls in between.



LS2

FOOTBALL HELMET



IMPACT ABSORPTION

The LS2 is designed to absorb impact and dissipate force to reduce the kinetic energy from collisions.

FITMENT KIT

The fitment kit allows for customization for each and every head size and shape. Custom fit allows for more protection for the player. The LS2 provides a precise fit without the exorbitant cost of a custom helmet.

Varsity Helmets with D30® - The LS2 Varsity helmet exclusively offers an “industry first” fitment kit designed with D30 impact protection.

Youth Helmets – The LS2 Youth helmet has an easily adjustable impact-absorbing fitment kit to help customize the fit for young athletes. The same D30 impact fitment kit can be added to either Youth LS2 model.

COMPOSITE MATERIALS

With a proprietary, lightweight, composite shell, the LS2 leverages proven materials used in body armor, combat helmets, and military aircraft.

ARMOR FOAM™

This patented, shock absorbing foam lining was originally designed and utilized by NASA and is a foundational element in the revolutionary LS2. It is also used in the modern combat helmet.

CHROMOLY STEEL FACEMASK

This ultra-light steel material combines the strength of traditional solid steel and the light weight of costly Titanium facemasks, while providing better balance, allowing players to more easily keep their “head up,” reduce head whip, and decrease fatigue.

SPORTSTAR CHIN STRAP

The LS2 comes with the industry leading SportStar chin strap and Douglas® EZ Pro Snaps.

TOP SAFETY RATINGS

The entire family of LS2s have earned the highest rating of 5-stars from the independent helmet testing lab at Virginia Tech and are certified to NOCSAE standards.



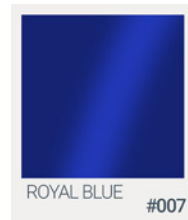
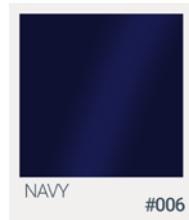
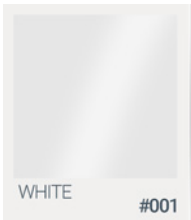
LS2

FOOTBALL HELMET

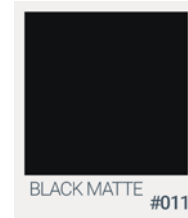
COLOR OPTIONS

COMPOSITE HELMET COLORS

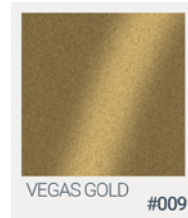
GLOSS



MATTE

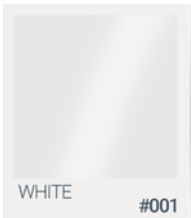


METALLIC

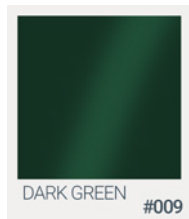
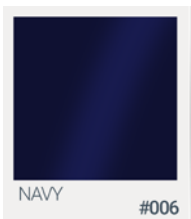
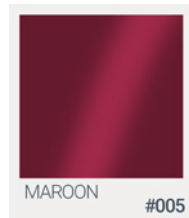


POLYCARBONATE HELMET COLORS

GLOSS



FACEMASK COLORS



LS2

FOOTBALL HELMET

FACEMASKS

MODELS

SK1V - Varsity
SK1Y - Youth

TYPICAL POSITIONS

QB, RB, CB, S, WR



SKP1V - Varsity
SKP1Y - Youth

TYPICAL POSITIONS

QB, RB, CB, LB, S, WR, TE, DT



P1V - Varsity
P1Y - Youth

TYPICAL POSITIONS

LB, OL, DL, RB, TE



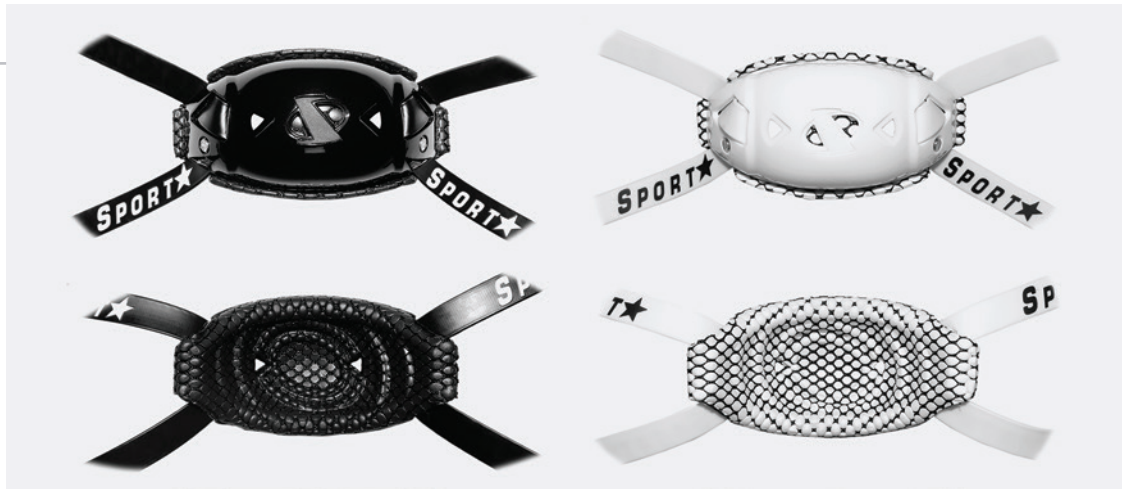
LS2

FOOTBALL HELMET

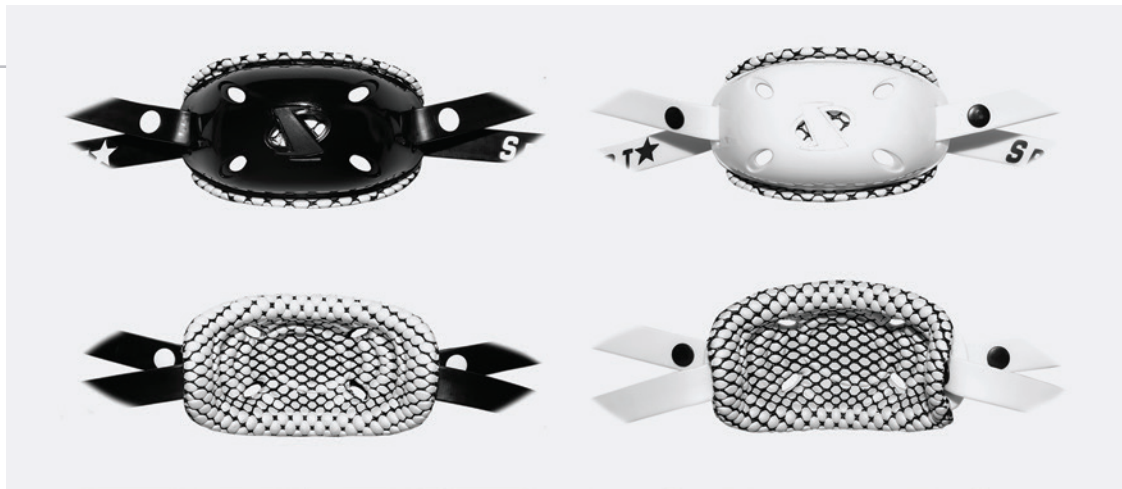
CHINSTRAPS

MODELS

VICTORY



X1



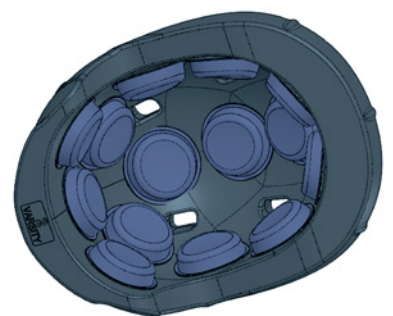
LINER & FITMENT/COMFORT KIT



INNER



OUTER



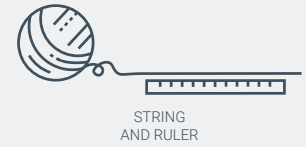
COMFORT KIT

SIZING CHART: ADULT & YOUTH

TOOLS NEEDED:



OR



Find your measurement to determine the player's helmet size.

Using a flexible measuring tape (or a string and a ruler), measure the circumference of the player's head at the widest part (approximately 1" above the eyebrows).

LS2 HELMET

Varsity		Small	Medium	Large	Extra Large							
	19.0"	19.5"	20.0"	20.5"	21.0"	21.5"	22.0"	22.5"	23.0"	23.5"	24.0"	24.5"
Youth		Medium	Large	Extra Large								

NOTES:

- If athlete's head size is directly in between sizes, choose the larger size.
- Varsity helmets are generally used for larger and faster players at the high school level and above. Typically, 14 years old and older.
- Youth helmet shells are 5% smaller than the Varsity helmets and are designed for leagues where the players are not as physically developed. Typically, kids under 14 and below the high school football level.

SS1

SOFT SHELL
HEADGEAR



SS1

SOFT SHELL HEADGEAR



THE GAME IS EVOLVING

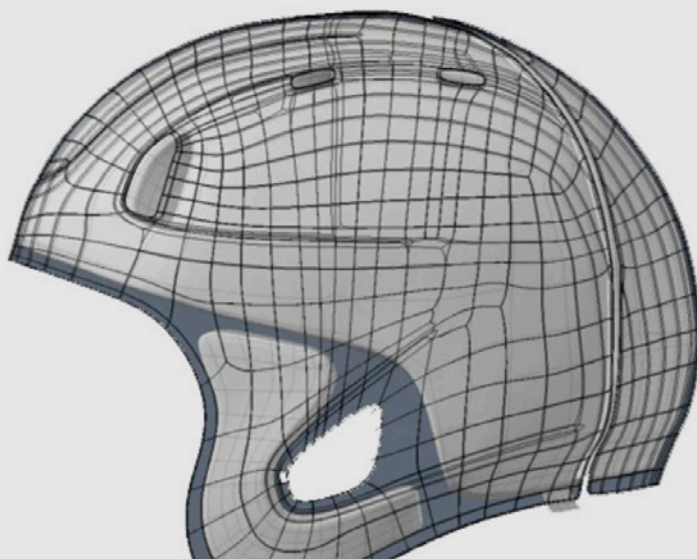
The stats are in – flag football participation is growing rapidly. In fact, some leagues already require players to wear headgear. The SS1 is the new headgear standard for flag football, 7v7, non-helmeted practices, soccer, and other non-contact sports. The SS1 is not evolutionary, but revolutionary. It is in a class of its own.

UNRIVALED PERFORMANCE

The LIGHT Helmets SS1 soft shell headgear for flag football and soccer is the most innovative protective headgear ever created. Engineered with cutting-edge materials used in the military and aerospace industries, the SS1 protects players and keeps them playing the sports they love.

BEST-IN-CLASS IMPACT SCORE AND COVERAGE

The SS1's unprecedented safety performance earned it a 0.00 impact score (a near-perfect score) from the independent testing lab at Virginia Tech - that's 15x better than the second-place headgear.



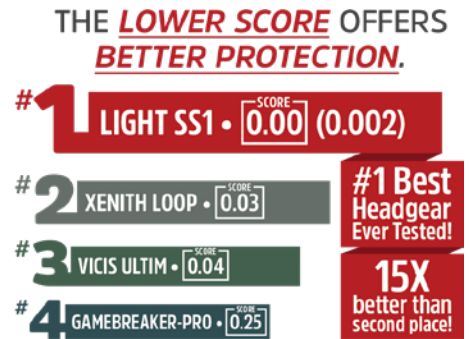
SS1

SOFT SHELL HEADGEAR

PROTECTS EVERY PLAYER ON THE FIELD

Not all players are wearing softshell headgear on the field – so LIGHT wanted to ensure that all players were protected, whether they're wearing our SS1 or not. To gather data on impact protection and safety, the Virginia Tech Helmet Testing Lab tested the impact of the SS1 contacting with an un-helmeted head. The SS1 provides more protection to the unprotected player wearing no headgear compared to wearing competitive headgear. Simply stated, if the SS1 hits an un-helmeted head, the SS1 provides more protection to the un-helmeted head than any of our competitors provide their athletes wearing their products. The data proves that the SS1 provides the best protection for the athlete wearing it, as well as those not wearing any protection or our competitor's products.

VIRGINIA TECH
SCORE



VIRGINIA TECH MEASURED THE IMPACT OF AN UNPROTECTED HEAD FROM BEING STRUCK WITH THE FOLLOWING HEADGEAR AT THE SAME VELOCITIES AND LOCATIONS OF THEIR STANDARD FLAG FOOTBALL TEST.

MAXIMUM COMFORT AND SAFETY

We designed the SS1 with maximum comfort and safety in mind. Tested in all environments, the SS1 is super lightweight, breathable and fully adjustable to allow for uncompromised movement and vision on the field.

The energy-absorbing Armor Foam minimizes impact and significantly reduces the linear and rotational acceleration of the head while protecting other players that may not be wearing head protection.

The shape and styling of the SS1 was modeled after the modern era combat helmet giving the SS1 the highest coverage scores for both flag football and soccer.

Armor Foam closed-cell technology repels dirt, sweat, and smell

Vented design

Adjustable chin strap

Ear & jaw padding

Ability to add team/sponsor graphics and award decals



SIZING CHART: ADULT & YOUTH

TOOLS NEEDED:



FLEXIBLE
MEASURING
TAPE

OR



STRING
AND RULER



Find your measurement to determine the player's helmet size.

Using a flexible measuring tape (or a string and a ruler), measure the circumference of the player's head at the widest part (approximately 1" above the eyebrows).

SS1 SOFT SHELL HEADGEAR

SIZE	SMALL	MEDIUM	LARGE									
19.0"	19.5"	20.0"	20.5"	21.0"	21.5"	22.0"	22.5"	23.0"	23.5"	24.0"	24.5"	25"

PURCHASE ORDER **INDIVIDUAL OR TEAM**



PO NUMBER	DATE		
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SALES REPRESENTATIVE NAME	SALES REP. NUMBER	DEALER REPRESENTATIVE NAME	DEALER REP. NUMBER
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QTY	SHELL				FACEMASK			CHINSTRAP				SS1			UNIT COST	TOTAL COST				
	LS2		TYPE**		LINER			COLOR	MODEL			VICTORY					S	M	L	
	V	Y	C	P	S [‡]	M	L	XL	#	SK1	SKP1	P1	COLOR #	WT	BK	S/M	L/X			
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SPECIAL INSTRUCTIONS

** "C" = Composite; "P" = Polycarbonate
[‡] SMALL Armor Foam Liners only available for varsity shells.
[§] Must be purchased at time of helmet purchase.
 Email your order to sales@lighthelmets.com

PURCHASER SIGNATURE

NOTES:



LIGHT™

H E L M E T S

WWW.LIGHTHELMETS.COM
(760) 444-0082