

The logo for shat.r.shield lighting inc. features a stylized orange and white grid icon to the left of the company name in a bold, black, sans-serif font.

shat.r.shield lighting inc.

The title 'LED Fixture Products & Overview' is displayed in white, bold, sans-serif text on a bright orange background. A vertical orange bar is positioned to the left of the word 'LED'.

LED Fixture Products & Overview

The website address 'www.shatrshield.com' is written in a bold, orange, sans-serif font at the bottom left of the page.

www.shatrshield.com

Ironclad® High Bays

	Ironclad® High Bay Flood Light	Ironclad® Vapor Tight High Bay	Ironclad® Wash Down High Bay
Watts	450 / 600	158 / 236	200
Lumens	72,000 / 96,000	up to 22,120 / up to 32,860	26,000
Operating Temp	-40°F (-40°C) to 149°F (65°C)	-40°F (-40°C) to 122°F (50°C)	-22°F (-30°C) to 122°F (50°C)
Weight	Bracket: 4.7lbs., Visor: 1.95 lbs., Main Unit: 29 lbs.	30 lbs.	16 lbs.
Life Hours	L70 > 36,000 Hours	L70 > 72,000 Projected: 100,000+	L70 > 50,000 Projected: 100,000
Voltage	100 - 277VAC, 50 / 60 Hz	120-277V / 347-480V	120-277V
CCT	5000K	4,000K / 5,000K	5,000K
LPW	-	140	130
Replaces	1000 - 2000 HPS	6 lamp, T8 or T5 fixture	400W HID
Mounting	-	V-Hanger, Aircraft Cables, Ceiling Mount, Stainless Steel Adjustable Bracket	Surface, Hook, 3/4" NPT Adapter



Ironclad® High Bay/Flood Light

The Ironclad® High Bay/Flood Light is a high lumen output system that combines two designs. This fixture's ability to cover large areas by utilizing high lumen outputs and versatile beam angles allows for maximum coverage in high mounting applications such as hangers, building exteriors and open recreational areas.

■ DLC, IP65 Dust-proof & Pressure Jets and IK08 5 Joules of impact resistance.

Ironclad® LED Vapor Tight High Bay

The Ironclad® LED Vapor Tight High Bay is an ideal replacement for fluorescent fixtures commonly installed in applications exposed to moisture, dust and other harsh elements that require frequent wash-down. It has high lumen outputs ranging from 22,000 to 33,000 and is energy efficient.

■ IP65, IP66, IP67, UL 1598, UL Wet Location, NEMA 4X, NEMA 5, USDA, NSF, DLC, cULus, RoHS

Ironclad® Wash Down High Bay

The Ironclad® Wash Down High Bay is an LED fixture designed with a smooth, rounded housing for easy cleaning in food processing and wash-down environments.

■ IP69K, IP66, NSF, DLC, cULus, RoHS

Incoplas® Product Family

	Incoplas® LED Hybrid™	Incoplas® LED Hybrid™ Hazardous Locations
Watts	Standard: 45 / 90	45 / 90
	High Lumen: 48 / 95	
	High Ambient: 30 / 60	
Lumens	Standard: 5,000 / 10,000	up to 5,600 / up to 11,200
	High Lumen: 8,000 / 15,600	
	High Ambient: 5,300 / 10,600	
Operating Temp	-40°F (-40°C) to 149°F (65°C)	-22°F (-30°C) to 113°F (45°C)
Weight	7.5 lbs.	7.5 lbs.
L70	60,000 / Projected: 100,000	60,000 / Projected: 100,000
Voltage	120-277V	
CCT	4,000K / 5,000K	4,000K / 5,000K
LPW	111	up to 124
Replaces	100W & 250W HID; T5 & T8 fixtures	100W & 250W HID; T5 & T8 fixtures
Mounting	Surface, Trunnion, Pendant, Wall Pack, Adjustable Wall Pack, Stanchion, Flood	Surface, Trunnion, Pendant, Adjustable Wall Pack, Stanchion, Flood



Incoplas® LED Hybrid™

The Incoplas® LED Hybrid™ is designed with graphite infused thermal polymers for corrosion resistance and durability in harsh environments. Functional as an area, flood or wall pack light with a multitude of mounting and optic options.

■ ABS, UL 1598A, UL 1598, UL Wet Location, IP69K, IP66, NEMA 4X, NEMA 5, USDA, NSF, DLC, cULus, RoHS

Incoplas® Hazardous Locations LED Hybrid™

The Incoplas® LED Hybrid™ for hazardous locations is a durable multi-purpose and corrosion-resistant LED lighting solution that can be used in heavy industrial applications where classified lighting is required.

■ Class 1 Div 2, Groups: A, B, C, D; Class 2 Div 2, Groups: F, G; Class 3 Div 1 & 2, UL 844, ABS, UL 1598A, UL1598, IP69K, IP66, NEMA 4X, NEMA 5, USDA, DLC, NSF, cULus



Manufactured in America with globally and domestically sourced components

Shat-R-Shield Lighting Inc. recognized the need for an LED Fixture line to eliminate, or drastically delay, tampering or removal of a light fixture within demanding facilities. The Ironclad® VR product line offers adequate footcandles for a soothing light output with wall-to-wall coverage, along with a night light in specific models per DOC guidelines for a revolutionary new vandal-resistant LED light fixture.

Heavy Duty Series

*LED Fixtures designed for extreme abuse in the most rugged of environments within any facility



	VR Pro™ Area Light	H2O Pro™ Shower Area Light	Linear Pro™ Large Area Light	Puck Pro™ Utility Area Light
Lumens	3600, Count Light 680	1500, 1800, 2650	4200 & 8400, Count Light 530	600
Wattage	42W	24W, 27W, 32W	40W, 80W	10W
Light Engine CCT	2700K, 3500K, 4000K or 5000K	4000K or 5000K	4000K or 5000K	4000K or 2700K
Night Light CCT	2700K	N/A	2700K	-
Voltage	Universal 120 - 277V	Universal 120 - 277V	Universal 120 - 277V	Universal 120 - 277V
Dimensions	12.25" diameter x 2.13" tall	9.25" diameter x 1.9" tall	25.5"L x 9"W x 1.76"D	6.75" diameter x 2" tall

General Duty Series

*LED Fixtures designed for mild abuse in constantly monitored, high traffic areas



	GDA General Duty Area Light	GDL General Duty Linear Area Light	LDL Recreational IP69K Area Light
Lumens	4300	4500, 9000	2700, 6800
Wattage	42W	42W, 84W	20W, 50W
Light Engine CCT	2700K, 3500K, 4000K or 5000K	4000K or 5000K	5000K
Night Light CCT	-	2700K	L70 > 54,000 Hours
Voltage	Universal 120 - 277V	Universal 120 - 277V	Universal 120 - 277V
Dimensions	13" diameter x 1.93" tall	28.5"L x 12.15"W x 2.16"H	(20W) 24" long, (50W) 55" long

SAFETY IN MIND

These fixtures' unique design completely eliminate the metal housing in current style fixtures, which can be used to make weapons.



**Ironclad® VR Pro™
Flame Test Video**
Flame test on our VR Pro™ Correctional Cell Fixture



**Ironclad® VR Pro™
Hammer Test Video**
Hammer test on our VR Pro™ Correctional Cell Fixture



**Ironclad® VR Pro™
Chemical Cleaner
Video**
Cleaning chemicals off of the VR Pro™



**Ironclad® H2O Pro™
Ball Drop Test Video**
12lbs. Ball Drop test on our H2O Pro™ Shower Fixture



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Certification Key

- **DLC:** Meets criteria for energy efficiency and has been included on the QPL (Qualified Products List). Signifying that a product is eligible for rebates, where applicable.
- **NSF:** Approved for use in facilities producing consumer goods, such as food and beverage processing and food service.
- **RoHS:** Restriction of Hazardous Substances Directive - prohibits the use of certain hazardous materials used in electrical and electronic devices.
- **IP65:** Protected against water spray from all directions and dust that may harm equipment.
- **IP66:** Protected against high pressure water jets (all directions) and dust that may harm equipment.
- **IP67:** Protected against strong water jets and waves and dust that may harm equipment.
- **IP68:** Protected against temporary immersion and dust that may harm equipment.
- **IP69K:** Protection against close range high temperature, high pressure wash down (1450 PSI at 176°F).
- **cULus:** Product is UL certified for use in Canada and the US.
- **UL Damp Locations:** Suitable for locations normally or periodically subject to condensation in, on, or adjacent to equipment including partially protected locations.
- **UL Wet Locations:** Suitable for a location in which water or other liquid can drip, splash or flow on or against electrical equipment.
- **UL 844:** Standard for luminaires for use in hazardous (classified) locations.
- **UL 1598:** Standard applies to luminaires for use in non-hazardous locations.
- **UL 1598A:** Standard for luminaires installation on marine vessels.
- **NEMA 4X:** Corrosion resistant; Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, windblown dust, splashing water, hose-directed water, and corrosion; and that will be undamaged by the external formation of ice on the enclosure.
- **NEMA 5:** Dust tight; Enclosures constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt; against settling airborne dust, lint, fibers, and flyings; and to provide a degree of protection against dripping and light splashing liquids.
- **ABS:** American Bureau of Shipping; Safety and quality standard for ships and offshore structures; often required for products used in marine applications.