

VANDAL - RESISTANT: Lighting Products

BUILT FOR DURABILITY & LONGEVITY


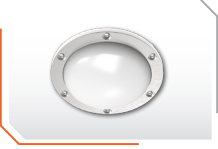

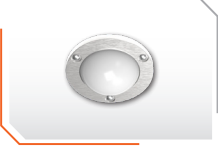


# DESIGNED SOLUTIONS

Shat-R-Shield Lighting recognized the need for an LED Fixture line to eliminate, or drastically delay, tampering or removal of a light fixture within correctional, institutional and recreational facilities. The Ironclad® VR product line offers adequate footcandles for a soothing light output with wall-to-wall coverage, along with a night light per DOC guidelines for a revolutionary new vandal-resistant LED light fixture built to perform for years to come.




## Heavy Duty Series

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

				
	<b>VR Pro™</b> Correctional Cell Area Light	<b>H2O Pro™</b> Correctional Shower Area Light	<b>Linear Pro™</b> Correctional Large Area Light	<b>Puck Pro™</b> Correctional Utility Area Light
Lumens	3600	2000, 2800	4200 & 8400, Count Light 530	600
Wattage	35W, 42W	24W, 35W	40W, 80W	10W
Light Engine CCT	2700K, 3500K, 4000K or 5000K	2700K, 3500K, 4000K or 5000K	4000K or 5000K	4000K or 2700K
Night Light CCT	2700K	N/A	2700K	-
Footcandles	40 ftc* at the desk level; 30 ftc* at the floor	25 ftc* at the floor	40 ftc* at the desk level; 30 ftc* at the floor	-
Life Hours	L70 > 75,000 Hours; Projected > 100,000+ Hours	L70 > 75,000 Hours; Projected > 100,000+ Hours	L70 > 75,000 Hours; Projected > 100,000+ Hours	L70 > 54,000 Hours
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

			
	<b>GDA</b> General Duty Area Light	<b>GDL</b> General Duty Linear Area Light	<b>WDHB</b> General Duty Wash Down Area Light
Lumens	3500	4500, 9000	27,000 / 20,250 / 13,500 / 8,100
Wattage	42W	42W, 84W	Selectable: 200W/150W/100W/60W
Light Engine CCT	2700K, 3500K, 4000K or 5000K	4000K or 5000K	SK = Field Selectable CCT, 4000K or 5000K
Night Light CCT	-	2700K	-
Footcandles	35 ftc* at the desk level; 22 ftc* at the floor	40 ftc* at the desk level; 30 ftc* at the floor	-
Life Hours	L70 > 75,000 Hours; Projected > 100,000+ Hours	L70 > 60,000 Hours; Projected > 150,000+ Hours	L70 > 50,000 Hours; Projected > 100,000+ Hours
Voltage	Universal 120- 277V	Universal 120- 277V	120- 277V
Dimensions	13" diameter x 1.93" tall	28.5"L x 12.15"W x 2.16"H	19.25" diameter x 7.88" tall



**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

## Light Duty Series

\*LED Fixtures designed for minimum abuse in monitored, low contact, high traffic areas



	<b>LDL</b> Recreational IP69K Area Light	<b>VTHB</b> Vapor Tight High Bay Light
Lumens	2700, 6800	up to 22,120 / up to 32,860
Wattage	20W, 50W	158W, 236W
Light Engine CCT	5000K	4,000K or 5,000K
Life Hours	L70 > 54,000 Hours	L70 > 72,000 Hours; Projected > 100,000+ Hours
Voltage	Universal 120- 277V	120-277V / 347-480V
Dimensions	(20W) 24" long, (50W) 55" long	52"L x 14.5"W x 6"H

## Outdoor Lighting Fixtures

\*LED Fixtures designed for minimum abuse in monitored, low contact, high traffic areas.

	<b>Hybrid™</b> Outdoor Wall-Pack Light	<b>Flood Light</b> Outdoor Flood Mounted Light
Lumens	Standard: 5,000 / 10,000 High Lumen: 8,000 / 15,600 High Ambient: 5,300 / 10,600	72,000 / 96,000
Wattage	Standard: 45 / 90 High Lumen: 48 / 95 High Ambient: 30 / 60	450W / 600W
Light Engine CCT	4000K or 5000K	5000K
Life Hours	L70 > 72,000 Hours; Projected > 100,000+ Hours	L70 > 36,000 Hours
Voltage	120-277V / 347-480V	100- 277VAC, 50 / 60 Hz
Dimensions	5.6" tall x 13"W x 10.25"D	18" diameter x 10" H



## Emergency Lighting Fixtures

\*Emergency Exit Lighting fixtures or all uses in and around the correctional facility



<b>Correctional</b> Rugged Exit Sign	<b>RZ</b> Slim Exit Sign	<b>Zero-Watt</b> Self Illuminating Exit Sign	<b>SRSEM</b> Emergency Light
The Ironclad® Correctional fixture provides rugged cast aluminum heavy duty frame suited for Correctional/ Detention/Institutional environments which incorporates a durable 1/8" thick polycarbonate security faceplate cover, tamper resistant access screws and where required, a Heavy-Duty mounting canopy.	The Ironclad® RZ's 5/8" profile provides a modern, inconspicuous LED exit sign with wall, canopy or pendant mounting options. Sophisticated electronics provide impressive energy efficiency consuming just 2 watts. Illumination of 18fL is 7 times the minimum code requirements with a unique refractive-pattern light guide that distributes the LED evenly for flawless legend uniformity.	The Ironclad® Zero-Watt INH series provides rugged cast aluminum heavy duty frames with a 3/8" polycarbonate lens for more demanding correctional and institutional applications. As the name implies, this maintenance-free fixture is self-sustaining and runs up to 20 years with no batteries, no wiring, and zero electricity. Zero-Watt is recyclable at the end of it's useful life.	The Ironclad® SRSEM LED series provides high performance in a low profile contemporary housing that complements most interior applications and meets CEC California Title 20 energy code requirements. The SRSEM is engineered for quick, easy installation and maintenance free reliability. The 2 watt LED lamps provide 125 lumens each for superior spacing.





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[www.shatrshield.com](http://www.shatrshield.com)

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