shat-r-shield INC.

INCOPLAS™ LED Hybrid

SHAT-R-SHIELD'S INCOPLAS™ LED HYBRID fixture is a multi-purpose LED lighting solution that can be used as an area light, flood or wall pack. Composed entirely of thermally conductive engineered polymers and high-impact polycarbonate, this fixture is specifically designed to withstand moisture, dust, salt spray and harsh environments in applications where exposure is detrimental to the life of the luminaire. The INCOPLAS™ LED Hybrid replaces 100W and 250W metal halide lamps as well as T5 and T8 fixtures.

- Countless mounting options-- allows the end user the ability to meet various installation space requirements.
- Corrosion Resistance-- withstands prolonged exposure to highly corrosive elements (moisture, salt spray, acids, bases).
- Durability- NSF and IP69K certifications make fixture ideal for use in high-abuse environments.
- Easy one-person installation.
- Extremely Lightweight-- weighs 7.5 lbs.
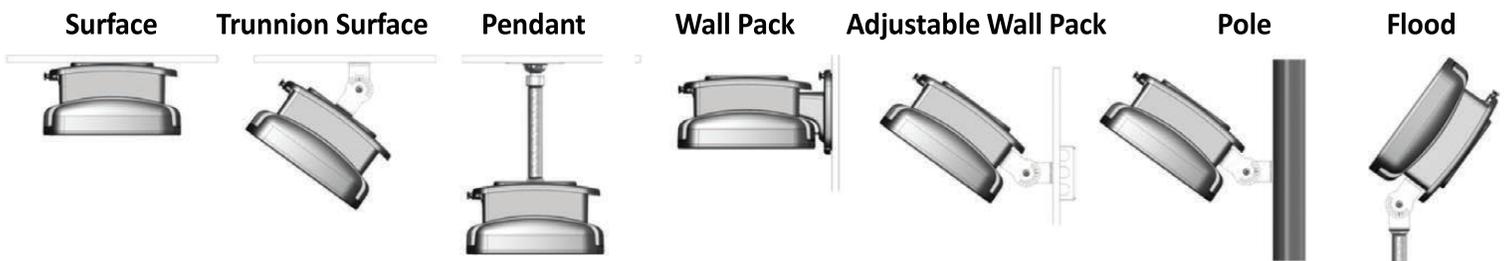- Multitude of lens optic options available.

THERMALLY CONDUCTIVE ENGINEERED POLYMERS

efficiently extract heat away from the light source and offer consistent heat dissipation. The luminaire's natural convection allows for maximum thermal performance while minimizing costs and the material provides chemical and corrosion resistance as well as a substantial reduction in weight over comparable aluminum fixtures. The fixture has no exposed metal other than stainless steel, marine-grade screws and there are no coatings that can chip or corrode.

PRODUCT SPECIFICATIONS

- 45W / 5,000 Lumens / 5000K / 70+CRI
- 90W / 10,000 Lumens / 5000K / 70+ CRI
- L70 >60,000 Hours
- Universal Driver 120-277V
- 0-10V Dimming
- Operating Temperature: -22°F to 113°F (-30°C to 45°C); Up to 122°F (50°C) in 5,000 lumen package
- Weight: 7.5 lbs. (3.4kg)

CERTIFICATIONS

| IP66 WATERPROOF DUST TIGHT | IP69K HIGH TEMP JETS HIGH PRESSURE | NEMA 4X WATERTIGHT | NEMA 5 DUST-TIGHT |
| UL WET LOCATION | UL 1598 LUMINAIRE | UL 1598A MARINE GRADE | USDA APPROVED |

DLC QPL LISTED · c UL us · NSF

DLC and Lighting Facts certification verification available per model on website.
*NSF Wall Pack version requires flood bracket.

WARRANTY 5 year limited warranty

APPLICATIONS

- Marine Facilities
- Industrial Facilities
- Airports
- Food Processing Plants
- Cold Storage/Refrigeration
- Wash Down Areas
- Construction Sites
- Tunnels
- Livestock Farming
- Waste Water Treatment Plants
- Natatoriums

DIMENSIONS 13"L x 10.25"W x 5.6"H

MOUNTING OPTIONS

| Surface | Trunnion Surface | Pendant | Wall Pack | Adjustable Wall Pack | Pole | Flood |

ORDERING INFORMATION
Example Part#

Wattage	Fixture	CCT	Mount	*Optics	Voltage	Controls	Whip	Plug	Gen
045	**HY**	**50**	**ST**	**CL**	**VL**	**A**	**06**	**00**	**01**

Wattage	Fixture	CCT	Mount	*Optics	Voltage	Controls	Whip	Plug	Gen
045=45W **090**=90W	**HY**=Hybrid	**50**=5000K	**FL**=Flood **ST**=Std. **WN**=NSF Wall Pack **WP**=Wall Pack	**FR** **CL** **44** **33** **22**	**VL**=120-277V	**N**=None **A**=PIR Programm. **B**=PIR Basic **P**=Photocell	**00**=No Whip **06**=6ft	**00**=None **01**=5-20P **02**=5-15P **03**=L6-20P **04**=L6-15P **05**=L8-20P **WC**=Wall Pack Cover	**01**=Gen#

Optics Reference Chart

Option	Lens	NEMA	Beam Angle	Field Angle
FR	Frosted	7x7	116	158
CL	Clear	7x7	113	143
44	Clear	4x4	28	57
33	Clear	3x3	17	42
22	Clear	3x3	15	32

COMPONENTS

Thumb screw makes junction box easily accessible and can be loosened or tightened without using any tools; allows for simple one-person installation.

Thermally conductive, engineered polymer material dissipates heat and is resistant to corrosive elements; contains no coating that can crack or flake.

Tapered fins allow for water runoff so the fixture can be washed down with high-pressure and cleaned as often as needed.
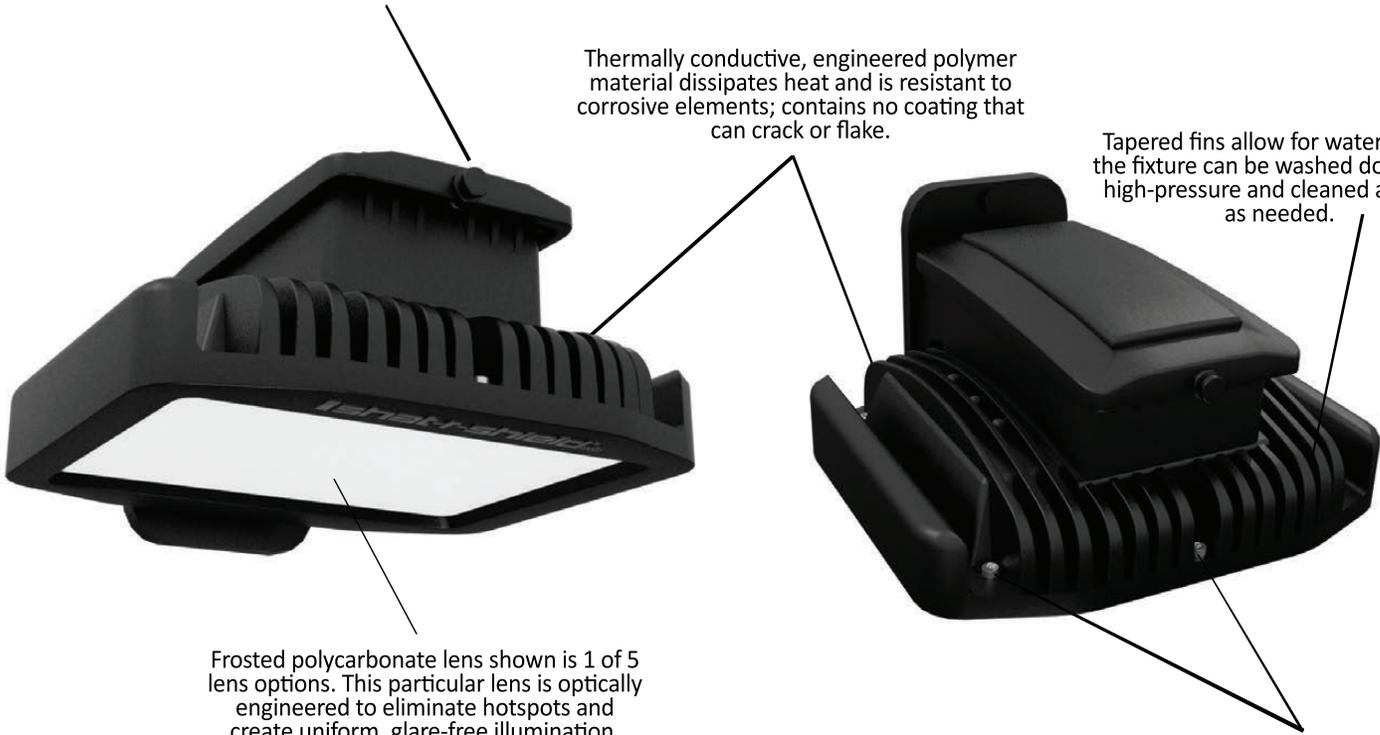
Frosted polycarbonate lens shown is 1 of 5 lens options. This particular lens is optically engineered to eliminate hotspots and create uniform, glare-free illumination.

AISI 316 marine-grade, stainless steel screws are corrosion-resistant and can withstand the harshest environments.