



Super-rough Service LED Floodlight

US Design Patent No. US D708,776

Extreme shock and vibration resistance; designed to replace low-wattage floodlights

For use on shovels, blasthole drills, utility vehicles, towers and other demanding applications

Durable, compact design for the world's harshest environments

LED technology increases efficiency, eliminates maintenance and supports green initiatives

Key Applications

Navy & Coast Guard approved light source
General deck lighting
Embarkation lighting
Deck winch lighting
Davits, lifeboats & life raft stations
Deck mounted cranes (OSV, PSV)
Small area flood lighting
Tugboat and push boat lighting
Shovels
Blast hole drills
Wheel buckets
Dragline track lighting
Maintenance lighting
Inspection station lighting
Industrial task lighting
Port crane gantry lighting
Logo lighting
Truck lanes
Work platforms

Compliances

ETL/cETL Certified to:

- UL 1598 Suitable for Wet Locations
- UL 1598A Marine Outside Type (Saltwater)
- CSA C22.2 No. 250.0

CE

ABS

IP67 rated

LM79 and LM80 reports available

Buy American Act (BAA)

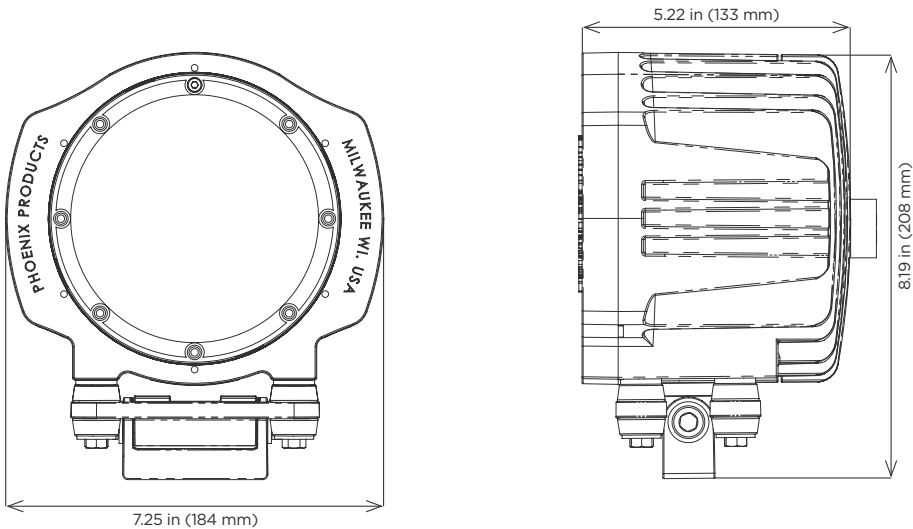
Specifications

Construction	Marine grade cast aluminum housing
Finish	Black thermoset powder coat finish
Hardware	Marine grade (316) stainless steel external hardware
Lens	Impact-resistant, UV-stable polycarbonate Replaceable Flood (45°) beam angle - standard Spot (28°) accessory kit (STL-28D)
Light source	2900 lumens, 5000K LEDs, CRI >70 2150 lumens, red LEDs, 625nm (RED) 37W Conformal coated circuit board 50,000 hour rated life
Power source	120-277V, 50/60Hz (UNIV) Fully potted Replaceable Over-voltage, over-current and short-circuit protection
Wiring	72.00 inch (1829 mm) cord with pigtail NEMA 5-15 plug accessory kit
Ambient operating temperature	-30°C to +50°C
Mounting	Shock mount base (provided with captive M10 bolt) - standard Stainless Steel Harp Kit (STL-HRP) Four (4) Bolt Retrofit Kit (STL-4B)
Weight	Fixture: 9.5 lb (4.3 kg) Packaged: 11.0 lb (5.0 kg)
Visor accessory	Protects lens, directs light and reduces glare (STL-VIS)
Warranty	5 years

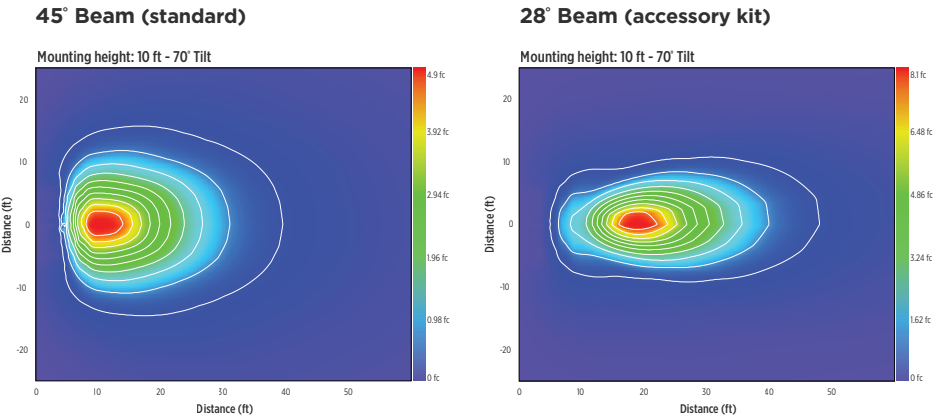


This product complies with domestic preference requirements such as BAA or TAA. For additional information, visit phoenixlighting.com or consult your representative.

Dimensions



Isolux Charts



Ordering Information

Example: STL-HI-45-UNIV

Fixture	Wattage	Beam Angle	Voltage	Option¹
STL	HI	45	UNIV	RED

Wattage

HI 2900 lumens (37W)

Beam Angle

45 Flood (45°) beam angle

Voltage

UNIV 120-277V, 50/60Hz

Option¹

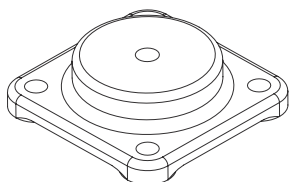
RED Red LEDs, 625nm, 2150 lumens

Notes

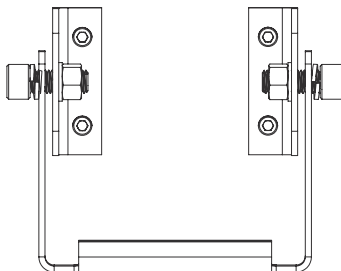
- 1 Leave blank for standard white (5000K) LEDs.

Special Projects: We may be able to accommodate your special projects, so please don't hesitate to ask about additional options. Minimum order quantities and/or extended lead times will apply. Contact your Phoenix representative with specific inquiries.

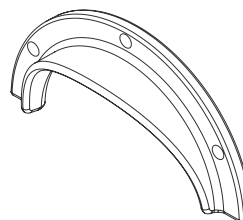
Accessories (order separately)



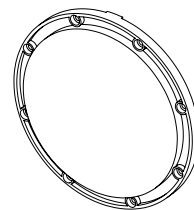
Four (4) Bolt Retrofit Kit
STL-4B



Stainless Steel Harp Kit
STL-HRP



Visor Kit
STL-VIS



28° Lens Kit
STL-28D

NEMA 5-15 Plug Kit
PLG-515