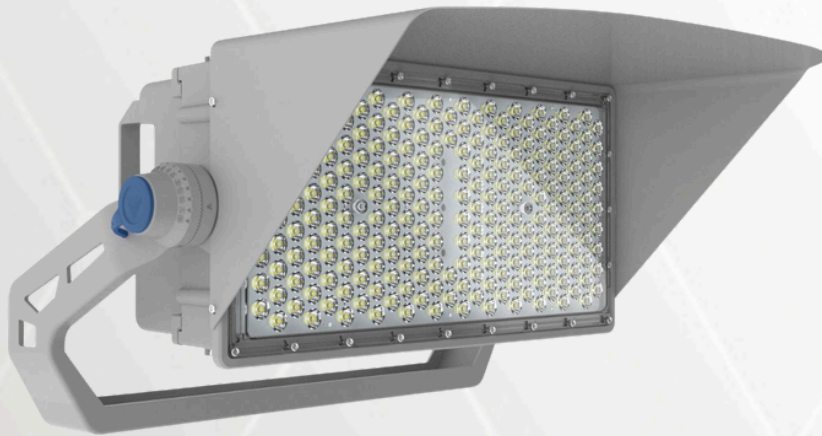


PX - MECH 1 SERIES PROFESSIONAL LED FLOOD LIGHT SYSTEM



The Mech Series represents the pinnacle of advanced outdoor illumination technology, engineered specifically for demanding high-performance environments. This sophisticated lighting solution delivers exceptional brightness and uniformity while incorporating advanced glare reduction elements to optimize safety.

Crafted from cold-forged aluminum with a premium polyester powder coating, the Mech Series combines superior thermal management with outstanding corrosion resistance. Its IP66 rating and enhanced wind resistance make it an ideal solution for challenging outdoor environments, from coastal installations to extreme application conditions.



800 397 7859

SALES@PTLXGLOBAL.COM

SPECIFICATION

Wattage Options	400W 500W 650W
Efficiency (CRI: 70)	150lm/W
Luminous Flux (lm)	52,000-97,500
EPA	1.68Ft2
Power Supply	Driver Brand: Inventronics/Sosen; Built-in Power Supply (Standard); External Power Supply (Optional)
Input Voltage	AC120-277V/120-347V/277-480V
Power Factor	0.95
Total Harmonic	<15%
LED Type	3737(for 15°)/5050/3030
CCT	2700K/3000K/4000K/5000K/6000K/6500K/RGB(optional)/RGBW(optional)
Intelligent Control	ON/OFF (Standard); DMX512/DALI (OPTIONAL)
CRI	Ra70 (Standard)/Ra80 (Optional)
Beam Angle	15°/20°/30°/40°/60°/120°
Lifespan	50,000 Hours
Ingress Protection	IP66
IK Rating	IK09
Surge Protection	10kV (Standard)/20kV (Optional)
Ambient Temp	-40°C to 50°C (-40°F to 122°F)
Housing	Cold Forging Aluminum
Lens Material	Anti-UV PC Optical Material
Outlet Wire	Standard outlet length is 0.5-0.8 meters, and the outlet length can be customized.
Other device	Laser Aiming Device (Optional)
Warranty	5-year Limited Warranty

APPLICATION

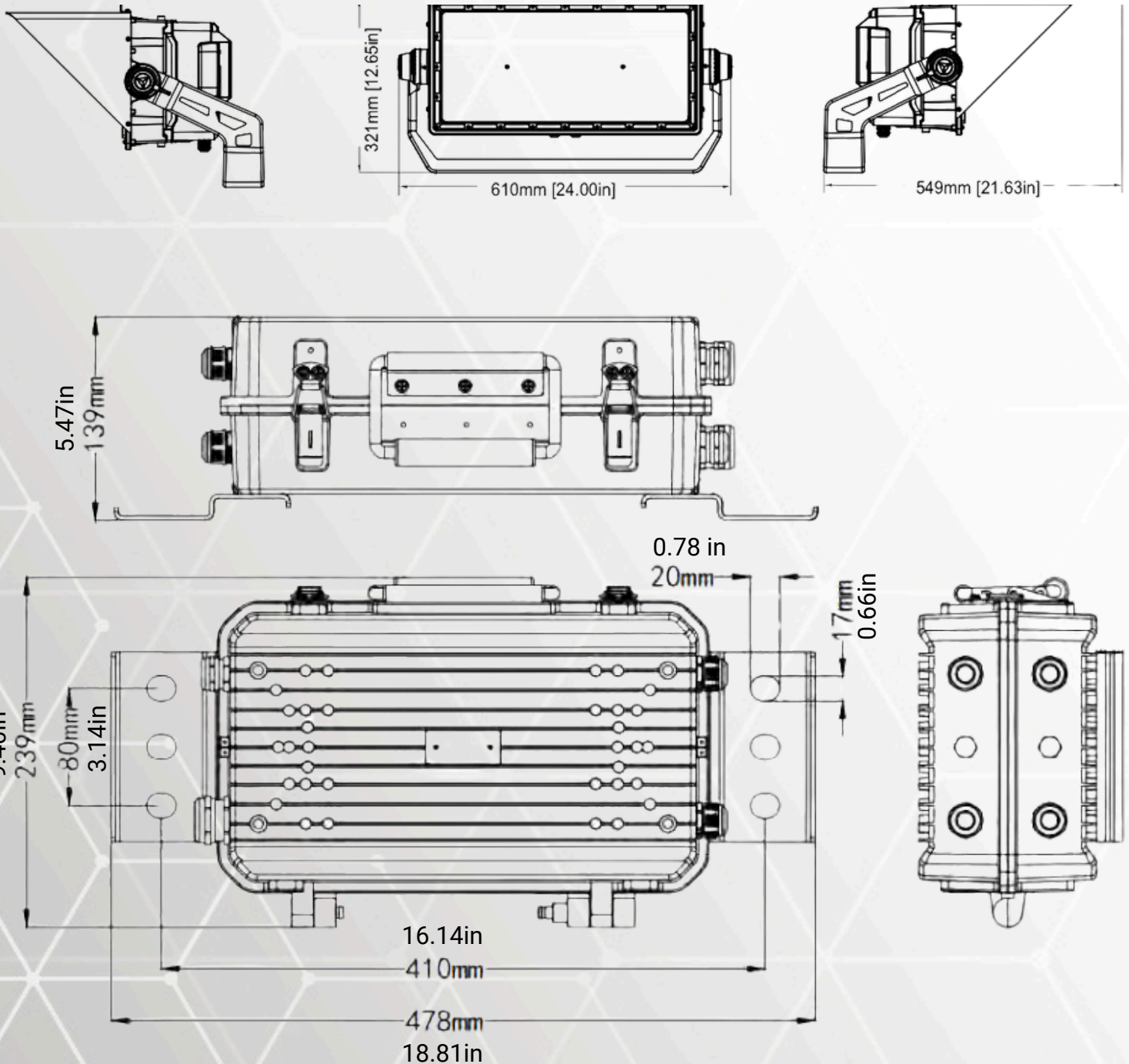
Suitable for use as flood and area lighting for:

- Industrial facility,
- Container loading area,
- Shipping yard,
- High mast roadway,
- Airport,
- Dock,
- Industrial lighting,
- Railway applications.

KEY FEATURES

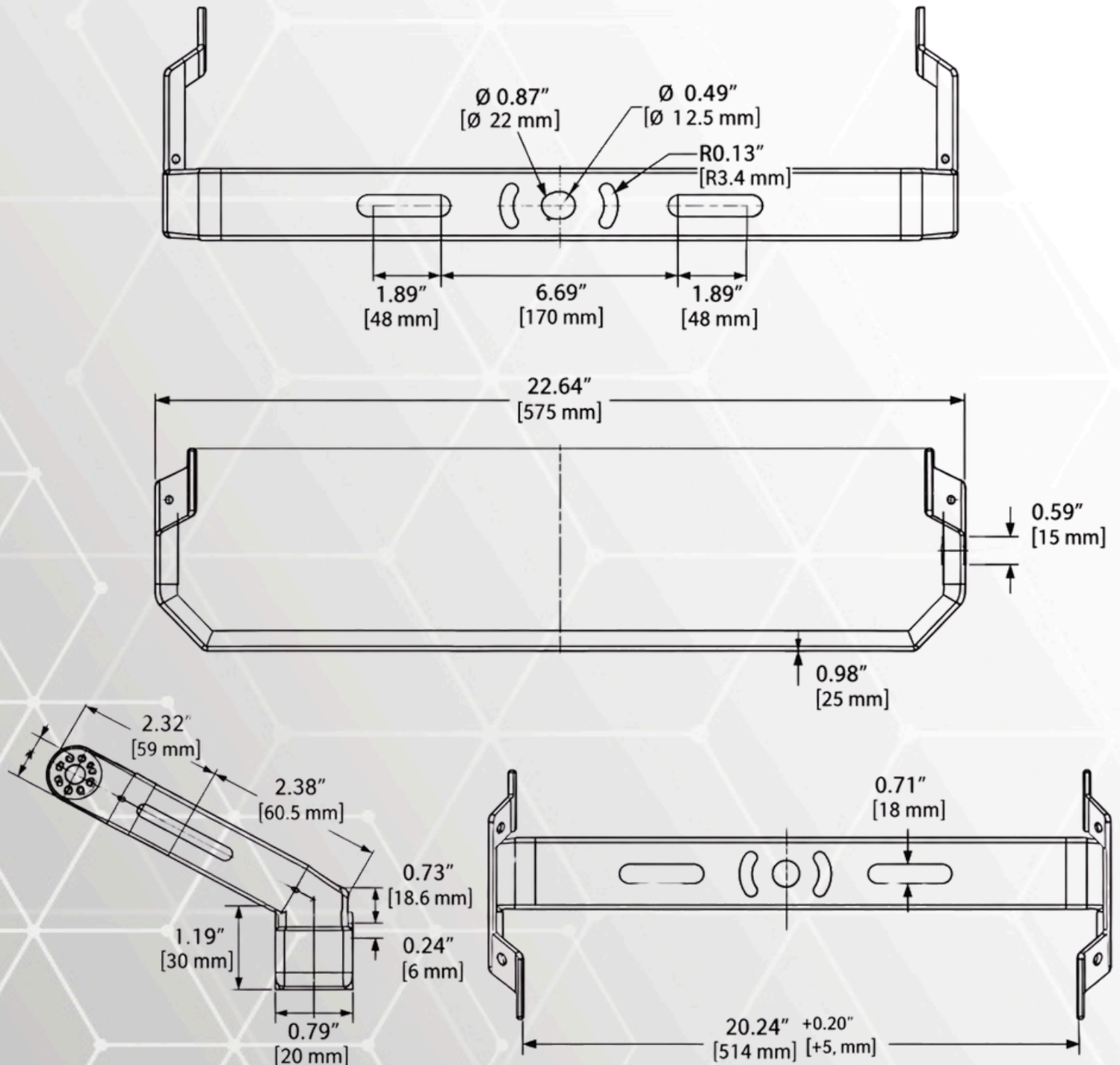
- Cold forging aluminum housing with polyester powder coated finish, excellent heat dissipation and corrosion resistance.
- External and remote power supply options available.
- RGB/RGBW optional.
- Laser aiming device (optional) for precise control in aiming the fixture.

DIMENSIONS



****FOR ORDERING PLEASE INDICATE: WATTAGE, VOLTAGE, CCT, BEAM PATTERN, BRACKET TYPE, VISOR, AND ANY ADDITIONAL OPTIONS LISTED ABOVE**

MOUNTING BRACKET DIMENSIONS



IMAGES

