



7710 Blackburn-II™

PHYSICAL-

Length, overall: 310 mm (12.2 inches)
Width: 168 mm (6.6 inches)
Height (without handle): 175 mm (6.9 inches)
Weight in air: 5.23 Kg (11.5 pounds)

LIGHTING/PHOTOMETRIC –

Lamp type: Mercury Vapor PAR38 spot, admedium base, with integral glass reflector
Time to full brightness: 180 seconds after application of power
Operating Position: Universal (i.e. any position)
Rated Average² Lifetime: 16,000 hours³
Light Output
UV Light Output: 1,250 $\mu\text{w}/\text{cm}^2$ of UV energy
UV spectral peak: 360 nanometers

ENVIRONMENTAL -

Protection level: IP68
Depth rating: 2,000 M (6,600 FSW)

ELECTRICAL-

Input voltage: 1151 +/- 15 VAC (nominal standard); 240 VAC ballast inputs also available
Lamp wattage: 100 watts
Supply frequency: 60 Hz

¹This lamp requires an auto-transforming ballast (“control gear”), e.g. BIRNS Models 3051 or 3062, which supplies an initial high-voltage surge to start the mercury arc and then subsides to below-mains voltages.

²The time after which 50% of test lamps were no longer operating.

³These ratings are determined by the lamp manufacturer based on laboratory tests under controlled conditions. Your own field results may vary.