

blacklights

black widow™

Cat.# 8020

Height (Top to Bottom)	7"
Width (Side to Side)	10-3/4"
Length (End to End)	8"
Weight	13 lbs

150w Metal Halide



accessories...

Cat.# 114-820	Ultraviolet radiation filter
Cat.# 539KIT	Trunnions, pair with hardware
Cat.# YK0851	Yoke, one light with hardware
Cat.# 103-0527	C clamp – aluminum
Cat.# 103-0533	Safety cable

specifications...

The fixture shall be a **UL/C-UL** Listed 150 watt max metal halide wall wash/cyclight operating within an ultraviolet range that is safe for human exposure, i.e., the UV-A range. The unit shall be equipped with a 4kV pulse rated G12 socket to accept the single ended metal halide lamp. The reflector shall be a specially patterned reflector designed to project a radially symmetrical pattern of ultra violet energy. The aperture shall be supplied with a 1/8" thick borosilicate Ultraviolet Radiation filter with a transmission(T) characteristic as follows: 350nm: >85%T, 320nm: >40%T, 300nm: >8%T, 290nm: >0.5%T, and >280nm: >0.1%T. The filter shall be removable without the use of tools to allow for easy relamping, and shall also be provided with a safety cutoff switch that will disconnect electrical power to the unit should the filter be removed for any reason. Relamping shall be accomplished without disturbing the prefocused lamp setting. The housing shall be constructed of lightweight extruded and sheet aluminum and shall be suitable for use in dry and damp locations.

The ballast shall be electronic and UL/C-UL listed. The power factor shall exceed 99% with a total harmonic distortion of less than 10%. The ballast shall comply with FCC Regulation 18c for non-consumer electronics. Lamp current crest factor shall be less than 1.2 with an output frequency of less than 175hz. The ballast shall have an "A" sound rating with a lamp ignition pulse of less than 4kV. The ballast shall be contained within the lamp housing.

The luminaire shall be supplied with a rigid strap yoke. Optional mounting clamps and trunnions shall be available. A three foot three wire lead encased in a fiberglass sleeve is standard, and the unit shall also be available with a power cord rated for extra hard usage. All painted surfaces shall be baked enamel.

features...

- Compact lightweight design
- Uniquely designed reflector to project a radially symmetrical pattern of ultra violet energy
- Equipped with a borosilicate ultraviolet filter
- Integral safety cut off switch
- Front lamp access for easy replacement
- Supplied with a rigid strap yoke and three foot, 3 wire lead
- Standard finish: Black
- **UL, C-UL** listed for 150 watt metal halide

performance...

SPREAD

Horizontal	Angle
Field (Cut-off)	95°
Vertical	
Field (Cut-off)	90°

RANGE

Minimum	2.5 ft
Maximum	50 ft

LAMP DATA

Type	Code	Wavelength	Class	Hrs	Burn Position
MHL-150-G12	5001381	350-400nm	UV-A	500	Any

