20.00"

5.00"

12.00"

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's Security Light Fixture is suitable for a variety of outdoor applications. The 20 series Security Light is offered in a several wattages and features an integrated photocell for Dusk-to-Dawn On/Off control. It can replace existing HID & HPS fixtures up to 175W.

APPLICATION

· Street Lighting
· Alley Lighting
· Work Yard Lighting
· Parking Lot Lighting
· Security Lighting
· Barn Lighting
· Area Lighting
· Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

· Heavy-gauge, die-cast aluminum housing.
· Custom designed anodized aluminum reflectors for superior illuminance.
· Heat and impact resistant, UV protected, non yellowing lens.
· Corrosion resistant electrocoat grey finish (custom colors available).
· Slip Fitter mount accepts 1-1/4" - 2" Round Pipe or Tenon.
· Inductively coupled U-Type Induction bulb.
· High power factor, low THD electronic ballast with surge protection.
· NEMA Photocell for Dusk-to-Dawn On/Off control included.
· Instant-On flicker-free Cold Start and Hot Re-Start.
· High quality glare-free light with high CRI above (83).
· Bright white light (5000°K) for greater visibility and safety.
· Advance phosphors for high lumen output and high lumen maintenance.
· Up to 20 year maintenance free operation.
· 10 Year Warranty.

ORDERING INFORMATION

Sample Number: 20050-UNV-850-GRY
Custom options and accessories available. Please consult factory

Series	Lamp Wattage	Voltage	Color Temp	Color
20 = Security Light	**050** = 50 W **065** = 65 W **080** = 80 W	**UNV** = 120-277 VAC	**830** = 3000°K **841** = 4100°K **850** = 5000°K * * Standard	**GRY** = Grey * Custom Colors Available

PROUDLY MADE IN AMERICA
WITH DOMESTIC AND IMPORTED MATERIALS

INTERTEK
ETL LISTED US

*light*innovations@**work**™

NEPTŪN L I G H T

PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
20050-UNV	Security Fixture	50	52	4,000	120-277	0.46-0.21	<10%	0.98	10 lbs
20080-UNV	Security Fixture	65	67	5,200	120-277	0.56-0.24	<10%	0.98	10 lbs
20080-UNV	Security Fixture	80	82	6,400	120-277	0.75-0.30	<10%	0.98	10 lbs

SPECIFICATIONS

- Ballast Type ....Electronic
- Start Method ....InstantON
- Hot Re-start ....InstantON
- Universal Input Line Voltage ....120-277 VAC
- Input Line Frequency ....50/60 Hz
- Lamp Operating Frequency ....250 kHz
- Ballast Off-State Draw ....0 Watts
- Sound Rating ....Class A
- ANSI Surge Protection ....Class A
- Lamp / Ballast System Life ....100,000 Hrs.
- Lumen Maintenance @75,000Hrs ....> 70%
- Color Temperature ....5000°K

- Color Rendering Index (CRI) 83
- Minimum Starting Temperature ....-20°F
- Maximum Starting Temperature ....160°F
- Lumens per Watt 80
- Shock / Vibration Resistant ....Yes
- Power Factor ....> 0.98
- Total Harmonic Distortion ....< 10%
- Inrush Current Peak ....< 10 Amp
- ETL Listed / UL Standard 1598 ....Yes
- FCC Compliance ....Part 18, Subp. C
- IP Rating ....IP 55
- Warranty ....10 Year

MOUNTING OPTIONS

Pole Mount

Accepts 1-1/4" - 2" Round Tenon or Pole (Hardware included)

Wall Mount

2.125" (54mm)

2.75" (70mm)
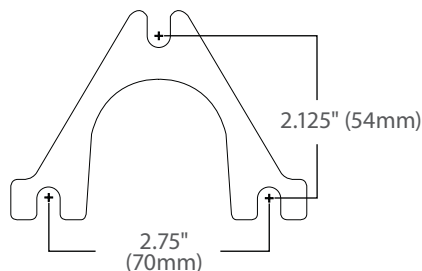
(Hardware Not included)

PHOTOMETRICS (See Complete IES File)
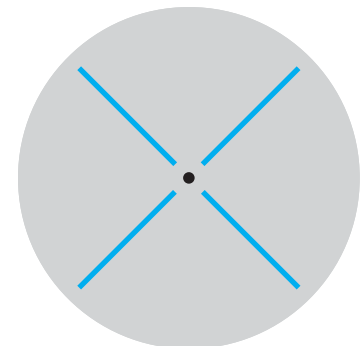
Type V Distribution

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