



Incredible **70,000 hrs**

GENERAL DESCRIPTION

Neptun's Kometa™ LED street light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The Kometa fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The 150 PCS High output LED's and custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID Street Light fixtures up to 250W

APPLICATION

- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with cooling fins.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Heat and impact resistant tempered flat glass lens. (IESNA full-cutoff)
- Toolless entry gear box for easy maintenance and installation.
- Continuous silicone gasket surrounds lens for IP66 weather tight seal.
- Optional NEMA Twistlock Photocell for increased energy savings.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- High power factor, low THD driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)

ORDERING INFORMATION

Sample Number: LED-45080-UNV-750-LD-GRY
 Custom options and accessories available. Please consult factory

Type	Series	Wattage	Voltage	Color Temp	Accessories	Color
LED	45 = Street Light	080 = 80 W 090 = 90 W 100 = 100 W 110 = 110 W 120 = 120 W 130 = 130W	UNV = 120-277 VAC	735 = 3500°K 741 = 4100°K 750 = 5000°K * * Standard	LD = Light Sensor/Photocell NEMA Twistlock	GRY = Grey



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
LED-45080-UNV	LED Street Light Fixture	80	82	6,000	120-277	0.69 - 0.30	<15%	>0.98	32 lbs
LED-45090-UNV	LED Street Light Fixture	90	92	6,750	120-277	0.78 - 0.34	<15%	>0.98	32 lbs
LED-45100-UNV	LED Street Light Fixture	100	102	7,500	120-277	0.87 - 0.37	<15%	>0.98	32 lbs
LED-45110-UNV	LED Street Light Fixture	110	112	8,250	120-277	0.96 - 0.41	<15%	>0.98	32 lbs
LED-45120-UNV	LED Street Light Fixture	120	122	9,000	120-277	1.05 - 0.45	<15%	>0.98	32 lbs
LED-45130-UNV	LED Street Light Fixture	130	132	9,750	120-277	1.13 - 0.49	<15%	>0.98	32 lbs

SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- ANSI Surge Protection Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature 5,000°K
- Color Rendering Index (CRI) >70
- Minimum Starting Temperature -40°C
- Maximum Starting Temperature 50°C
- Lumens per Watt > 75
- Shock / Vibration Resistant Yes
- Power Factor > 0.98
- Total Harmonic Distortion < 15%
- Inrush Current Peak < 10 Amp
- ETL Listed / UL Standard 1598 Yes
- FCC Compliance Part 18, Subp. C
- EPA Rating 0.77
- Housing IP Rating IP65
- Optics IP Rating IP66
- Warranty 5 Year

MOUNTING OPTIONS



Accepts
1-1/4" - 2-3/8" O.D.
Tenon or Pipe



(2) 5-16" Stainless Steel Bolts

PHOTOMETRICS (See Complete IES File)



TYPE II