



# eHID

## eHID Ballasts

20W & 39W UNV Mini-Square

The new **ULT 20W and 39W** universal input voltage electronic HID ballasts in the mini-square platform are ideal for downsizing the form factor of luminaire housings. These UNV units can replace discrete 120V and 277V models reducing SKU inventory and offering a more installer friendly series.

Microprocessor controlled intelligence offers superior lamp performance, safety and added-value options for retail and commercial applications.

These units offer significant benefits over magnetic ballasts with approximately 10% energy savings, improved lighting quality, lighter weight and quiet operation.

Product offerings include footed and junction box-studs versions plus the value-added “JT3 version with 120V tap for recessed fixture “self-heating thermal protectors.

### Features & Benefits

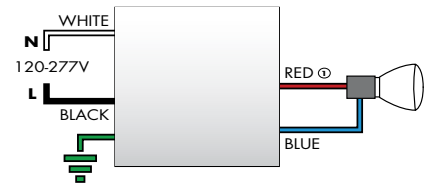
- **Mini-Square Enclosure**
  - Allows greater luminaire design flexibility
- **Universal Input Voltage**
  - Reduction in SKUs
  - Installer Friendly
- **Qualified by all Major Lamp Companies**
  - 20W: For C156 MH lamps
  - 39W: For C130 MH lamps
- **High Efficiency Operation**
  - 10% energy savings vs. magnetics
- **Constant Output Wattage**
  - Improved fixture to fixture color consistency
- **“JT3” Version with 120V Tap**
  - Compatible with both 3 & 4 wire self-heating IDTPs



### Wiring Diagram: "F" & "J"

188901.02 M2012-27CK-6EU-F  
 188902.02 M2012-27CK-6EU-J  
 188895.02 M3912-27CK-6EU-F  
 188896.02, M3912-27CK-6EU-J

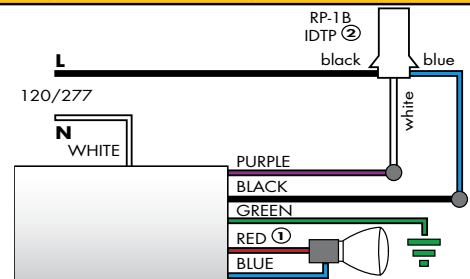
#### WIRING



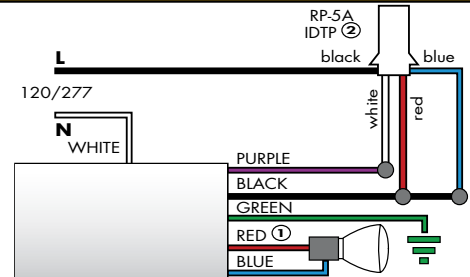
### Wiring Diagram: "JT3"

188903.02 M2012/27CK-6EU-JT3  
 188897.02 M3912/27CK-6EU-JT3

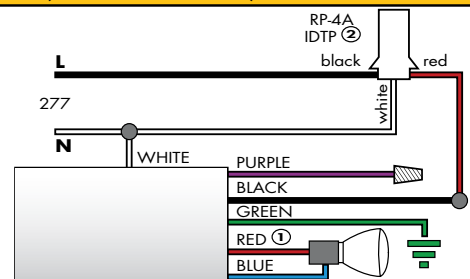
#### WIRING (with 3-wire 120V IDTP)



#### WIRING (with 4-wire 120V IDTP)



#### WIRING (with 3-wire 277V IDTP)



#### Case Dimensions (L x W x H)

3.74" (95.1mm)	2.98" (75.6mm)	1.24" (31.5mm)
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Data Subject to Change Without Notice

Lamp		#	Volts	Input Watts	Nom. Line Amp	Power Factor	Ballast Factor
ANSI Type							
<b>188901.02 M2012-27CK-6EU-F</b>							
20W	1	120	24	0.21	>95%	1.00	
M/C156	1	277	24	0.09	>95%	1.00	
<b>188902.02 M2012-27CK-6EU-J</b>							
20W	1	120	24	0.21	>95%	1.00	
M/C156	1	277	24	0.09	>95%	1.00	
<b>188903.02 M2012/27CK-6EU-JT3</b>							
20W	1	120	24 w/o IDTP	0.21	>95%	1.00	
		277	24 w/o IDTP	0.09	>95%	1.00	
M/C156	1	120	26 w/ IDTP	0.22	>95%	1.00	
		277	26 w/ IDTP	0.10	>95%	1.00	
<b>188895.02 M3912-27CK-6EU-F</b>							
39W	1	120	44	0.37	>95%	1.00	
M/C130		277	44	0.17	>95%	1.00	
<b>188896.02 M3912-27CK-6EU-J</b>							
39W	1	120	44	0.39	>95%	1.00	
M/C130		277	44	0.17	>95%	1.00	
<b>188897.02 M3912/27CK-6EU-JT3</b>							
39W	1	120	44 w/o IDTP	0.37	>95%	1.00	
		277	44 w/o IDTP	0.17	>95%	1.00	
M/C130	1	120	46 w/ IDTP	0.39	>95%	1.00	
		277	46 w/ IDTP	0.18	>95%	1.00	

- Min. Case Temperature: 85°C
- Sound Rated: A
- Min. Starting Temperature: -15°C
- Max. Remote Mounting Distance: 15ft with individual lead cables

Consult Specification Sheets at [www.unvlt.com](http://www.unvlt.com) for additional specification information

Lit#EHIDMS1111