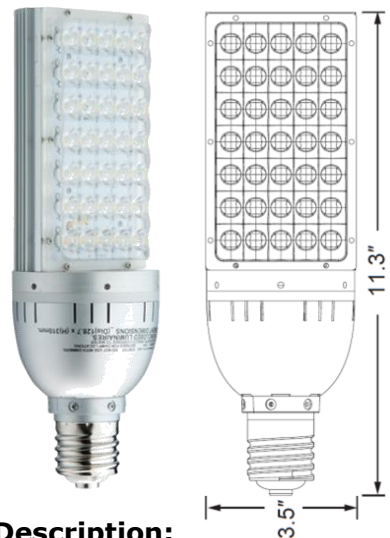


**LED-8001 Post Top / Site / Wall Pack**

<u>SKU (USA)</u>	<u>SKU (Canada)</u>	<u>Description</u>
LED-8001M30	LED-8001M30C	35W 3000K
LED-8001M42	LED-8001M42C	35W 4200K
LED-8001M57	LED-8001M57C	35W 5700K

<b>Technical Specifications</b>			
Models US/CAN	LED-8001M30/ LED-8001M30C	LED-8001M42/ LED-8001M42C	LED-8001M57/ LED-8001M57C
CCT	3000K	4200K	5700K
Power Consumption	35 watts		
Replaces	100w MH/HPS		
Mounting	E39		
Voltage	120-277VAC (USA) 120-347VAC (CANADA)		
LED Type	35 Samsung #3535 SMD		
Beam Angle	120 °		
Dimmable	No		
Operating Temp	-40°F - +122°F		
Rated R70 Life	Up to 50,000 Hrs.		
Warranty	5 Year Limited*		
<b>LM79 Specifications</b>	N/A	Yes	Yes
Power (W)	35	35.1	34.7
CCT	3000K	4066K	5814K
Light Output	2400	2760.7	2866.3
Efficacy	>70	78.65	82.8
THD @ 120V	n/a	n/a	n/a
THD @ 277V	n/a	11.31%	12.60%
PF @ 120V	n/a	n/a	n/a
PF @ 277V	>90	0.901	0.898
CRI:	>80	83.2	82.8
R9	n/a	13	11
Duv	n/a	-0.0018	0.0031
Packaging	6 / Master Carton		
Unit	4.7" x 4.7" x 13.5" 2.8 lbs.		
Master	14.8" x 10" x 15.5" 16.3 lbs.		



**35W**  
LED for HID  
**Replaces**  
**150W**  
MH / HPS



**Description:**

35W LED retrofit lamp to replace MH and HPS lamps up to 100w, E39 Mogul base. Rotatable base enables user to accurately direct LED output to target. UL damp rated approved for fully enclosed fixtures. UL1598C rating allows modified fixture to maintain UL listing.

**Features:**

- Replaces 150w HID Lamps
- 120-277V or 120-347V (Canada)
- UL Classified for damp environments (USA & Canada)
- UL approved for fully enclosed fixtures (USA & Can)
- Active Cooling Fan >70,000 hr. rated life
- 50,000 rated life
- 5 year limited warranty

**Applications:**



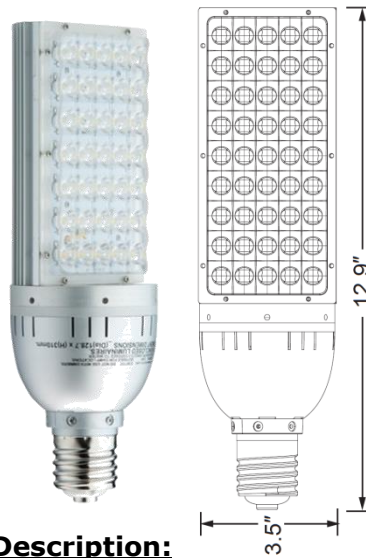
**Installation Notes:**

- When installing LED-8000 series retrofit lamps within HID fixtures, **ballast must be bypassed** when present.
- 8000 series retrofits are UL damp rated, sealing the fixtures after installation will deliver best results.
- **Installing surge/lightning protectors is highly recommended** and helps to eliminate premature driver failure caused by surges and other power fluctuations.

# LED-8002 Post Top / Site / Wall Pack

SKU (USA)	SKU (Canada)	Description
LED-8002M30	LED-8002M30C	45W 3000K
LED-8002M42	LED-8002M42C	45W 4200K
LED-8002M57	LED-8002M57C	45W 5700K

Technical Specifications			
Models US/CAN	LED-8002M30/ LED-8002M30C	LED-8002M42/ LED-8002M42C	LED-8002M57/ LED-8002M57C
CCT	3000K	4200K	5700K
Power Consumption	45 watts		
Replaces	150w MH/HPS		
Mounting	E39		
Voltage	120-277VAC (USA) 120-347VAC (CANADA)		
LED Type	45 Samsung #3535 SMD		
Beam Angle	120 °		
Dimmable	No		
Operating Temp	-40°F - +122°F		
Rated R70 Life	Up to 50,000 Hrs.		
Warranty	5 Year Limited*		
LM79 Specifications	No	Yes	Yes
Power (W)	45	44.9	43.8
CCT	3000	4047	5782
Light Output	3000	3608	3690.9
Efficacy	n/a	80.36	84.27
THD @ 120V	n/a	n/a	n/a
THD @ 277V	<20%	7.55%	10.22%
PF @ 120V	n/a	n/a	n/a
PF @ 277V	>.9	0.939	0.931
CRI:	>80	83.1	82.6
R9	n/a	13	9
Duv	n/a	-0.0017	0.0033
Packaging	6 / Master Carton		
Unit	4.7" x 4.7" x 14.9" 2.8 lbs.		
Master	14.8" x 10" x 15.5" 17.8 lbs.		



**45W**  
LED for HID  
**Replaces**  
**150W**  
MH / HPS



**Description:**

45W LED retrofit lamp to replace MH and HPS lamps up to 150w, E39 Mogul base. Rotatable base enables user to accurately direct LED output to target. UL damp rated approved for fully enclosed fixtures. UL1598C rating allows modified fixture to maintain UL listing.

**Features:**

- Replaces 150w HID Lamps
- 120-277V or 120-347V (Canada)
- UL Classified for damp environments (USA & Canada)
- UL approved for fully enclosed fixtures (USA & Can)
- Active Cooling Fan >70,000 hr. rated life
- 50,000 rated life
- 5 year limited warranty

**Applications:**



**Installation Notes:**

- When installing LED-8000 series retrofit lamps within HID fixtures, **ballast must be bypassed** when present.
- 8000 series retrofits are UL damp rated, sealing the fixtures after installation will deliver best results.
- **Installing surge/lightning protectors is highly recommended** and helps to eliminate premature driver failure caused by surges and other power fluctuations.

**ROYAL ELECTRIC SUPPLY COMPANY**

3233 W Hunting Park Avenue, Philadelphia PA 19132-1845  
 (800) 79-ROYAL (215) 221-1200 fax (215) 221-1201  
 advisors@royalelectric.com www.royalelectric.com

**WE GET IT**  
24/7 Emergency Material Access

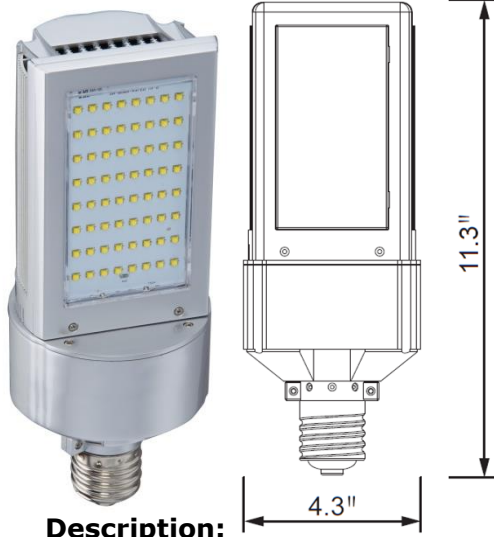
# LED-8089 Post Top / Site / Wall Pack

**SKU (USA)**  
**LED-8089M40**  
**LED-8089M50**

**SKU (Canada)**  
**LED-8089M40C 80W 4000K**  
**LED-8089M50C 80W 5000K**

## Technical Specifications

Models US/CAN	LED-8089M40/ LED-8089M40C	LED-8089M40/ LED-8089M50C
<b>CCT</b>	<b>4000K</b>	<b>5000K</b>
<b>Power Consumption</b>	<b>80 watts</b>	
<b>Replaces</b>	<b>250 MH/HPS</b>	
<b>Mounting</b>	<b>E39</b>	
<b>Voltage</b>	<b>120-277VAC (USA)</b> <b>120-347VAC (CANADA)</b>	
<b>LED Type</b>	<b>CREE XTE</b>	
<b>Beam Angle</b>	<b>Type V</b>	
<b>Dimmable</b>	<b>No</b>	
<b>Operating Temp</b>	<b>-40°F - +122°F</b>	
<b>Rated R70 Life</b>	<b>Up to 50,000 Hrs.</b>	
<b>Warranty</b>	<b>5 Year Limited*</b>	
<b>LM79 Specifications</b>	<b>Yes</b>	<b>Yes</b>
<b>Power (W)</b>	<b>80</b>	<b>80</b>
<b>CCT</b>	<b>3988</b>	<b>5482</b>
<b>Light Output</b>	<b>6910</b>	<b>7403</b>
<b>Efficacy</b>	<b>85.75</b>	<b>92.3</b>
<b>THD @ 120V</b>	<b>n/a</b>	<b>n/a</b>
<b>THD @ 277V</b>	<b>19.75%</b>	<b>19.23%</b>
<b>PF @ 120V</b>	<b>n/a</b>	<b>n/a</b>
<b>PF @ 277V</b>	<b>0.855</b>	<b>0.855</b>
<b>CRI:</b>	<b>72</b>	<b>70</b>
<b>R9</b>	<b>0</b>	<b>0.00%</b>
<b>Duv</b>	<b>0.0016</b>	<b>0.0063</b>
<b>Packaging</b>	<b>9 / Master Carton</b>	
<b>Unit</b>	<b>5.3"x 5.3"x 12.9" X.Xlbs.</b>	
<b>Master</b>	<b>6.7" x 16.7" x 13.6" XX lbs</b>	



**80W**  
LED for HID  
**Replaces**  
**250W**  
MH / HPS



### Description:

80W LED retrofit lamp to replace MH and HPS lamps up to 250w, E39 Mogul base. Rotatable base enables user to accurately direct LED output to target. UL damp rated approved for fully enclosed fixtures. UL1598C rating allows modified fixture to maintain UL listing.

### Features:

- Replaces 250w HID Lamps
- 120-277V or 120-347V (Canada)
- UL Classified for damp environments (USA & Canada)
- UL approved for fully enclosed fixtures (USA & Can)
- Type V optics only
- 4 Active Cooling Fans >70,000 hr. rated life
- 50,000 rated life
- 5 year limited warranty

### Applications:



Wall Pack



Cut-Off Wall Pack



Post Top

### Installation Notes:

- When installing LED-8000 series retrofit lamps within HID fixtures, **ballast must be bypassed** when present.
- 8000 series retrofits are UL damp rated, sealing the fixtures after installation will deliver best results.
- **Installing surge/lightning protectors is highly recommended** and helps to eliminate premature driver failure caused by surges and other power fluctuations.



3233 W Hunting Park Avenue, Philadelphia PA 19132-1845  
(800) 79-ROYAL (215) 221-1200 fax (215) 221-1201  
advisors@royalelectric.com www.royalelectric.com

**WE GET IT**  
24/7 Emergency Material Access

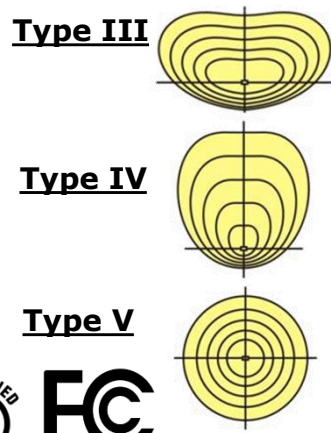
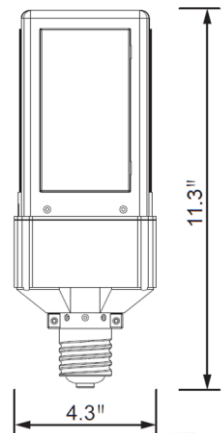
# LED-8090 Shoe Box / Wall Pack / Canopy

SKU (USA)	SKU (Canada)	Description
LED-8090M40	LED-8090M40C	120W 4000K Type V Distribution
LED-8090M4T3	LED-8090M4C3	120W 4000K Type III Distribution
LED-8090M4T4	LED-8090M4C4	120W 4000K Type IV Distribution
LED-8090M50	LED-8090M50C	120W 5000K Type V Distribution
LED-8090M5T3	LED-8090M5C3	120W 5000K Type III Distribution
LED-8090M5T4	LED-8090M5C4	120W 5000K Type V Distribution

**120W**  
LED for HID  
**Replaces**  
**400W**  
MH / HPS

## Technical Specifications

Models US/CAN	LED-8090M40/ LED-8090M40C	LED-8090M50/ LED-8090M50C
CCT	4000K	5000K
Power Consumption	120 watts	
Replaces	250 - 400w MH/HPS	
Mounting	E39	
Voltage	120-277VAC (USA) 120-347VAC (CANADA)	
LED Type	24 CREE XML-2	
Beam Angle	Type V Standard	
Dimmable	No	
Operating Temp	-40°F - +122°F	
Rated R70 Life	Up to 50,000 Hrs.	
Warranty	5 Year Limited*	
LM79 Specifications	Yes	Yes
Power (W)	120	120
CCT	4144	4981
Light Output	9561	10434
Efficacy	81.49	91.94
THD @ 120V	n/a	n/a
THD @ 277V	18.86%	18.18%
PF @ 120V	n/a	n/a
PF @ 277V	0.918	0.913
CRI:	84.6	77
R9	18	0
Duv	0.0008	0.0011
Packaging	9 / Master Carton	
Unit	5.3" x 5.3" x 12.9" X.Xlbs.	
Master	6.7" x 16.7" x 13.6" XX lbs	



### Description:

120W LED retrofit lamp to replace MH and HPS lamps up to 400w, E39 Mogul base. Rotatable base enables user to accurately direct LED output to target. UL damp rated approved for fully enclosed fixtures. UL1598C rating allows modified fixture to maintain UL listing.

### Features:

- Replaces 250-400w HID Lamps
- 120-277V or 120-347V (Canada)
- UL Classified for damp environments (USA & Canada)
- UL approved for fully enclosed fixtures (USA & Can)
- Available with Type III, IV or V optics
- 4 Active Cooling Fans >70,000 hr. rated life
- 50,000 rated life
- 5 year limited warranty

### Applications:



Wall Pack

Cut-Off Wall Pack

Shoe Box Parking

### Installation Notes:

- When installing LED-8000 series retrofit lamps within HID fixtures, **ballast must be bypassed** when present.
- 8000 series retrofits are UL damp rated, sealing the fixtures after installation will deliver best results.
- **Installing surge/lightning protectors is highly recommended** and helps to eliminate premature driver failure caused by surges and other power fluctuations.

**ROYAL ELECTRIC SUPPLY COMPANY**

3233 W Hunting Park Avenue, Philadelphia PA 19132-1845  
 (800) 79-ROYAL (215) 221-1200 fax (215) 221-1201  
 advisors@royalelectric.com www.royalelectric.com

**WE GET IT**  
24/7 Emergency Material Access