

PROJECT NAME: \_\_\_\_\_ CAT. #: \_\_\_\_\_

NOTES: \_\_\_\_\_ FIXTURE SCHEDULE: \_\_\_\_\_

## HID Post Top

Wattage and Color Selectable



### Description:

MaxLite's HID Post Top lamps are an easy and long-lasting replacement for HID bulbs in high/low bay fixtures and decorative post top luminaires. Designed to retrofit E26/EX39 sockets with a simple ballast bypass, these LED lamps deliver high quality illumination at 60 percent energy savings vs. conventional light sources.

### Features:

- Simple ballast bypass
- Instant-on, no warm up time
- Mercury free and virtually no UV or IR light
- Built-in intelligent over temperature protection IC
- THD: ≤20%
- Base: EX39 Mogul, E26
- Photocell, Microwave, PIR Sensors are available as accessories for 36WCS, 45WCS, 54WCS, 100WCS models.

### Ordering Information

| WATTAGE (NOMINAL)                                                                                                                                              | FAMILY                            | BASE                    | COLOR TEMPERATURE                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------|-----------------------------------------------------|
| <b>Non-DLC Listed</b>                                                                                                                                          |                                   |                         |                                                     |
| <b>27</b> = 12W, 18W, 27W Selectable                                                                                                                           | <b>PT</b> = Enclosed LED Post Top | <b>E26</b> = E26 BASE   | <b>WCS</b> = Color Selectable (3000K, 4000K, 5000K) |
| <b>DLC Listed</b>                                                                                                                                              |                                   |                         |                                                     |
| <b>36</b> = 18W, 27W, 36W Selectable<br><b>45</b> = 27W, 36W, 45W Selectable<br><b>54</b> = 36W, 45W, 54W Selectable<br><b>100</b> = 63W, 80W, 100W Selectable | <b>PT</b> = Enclosed LED Post Top | <b>EX39</b> = EX39 BASE | <b>WCS</b> = Color Selectable (3000K, 4000K, 5000K) |

### Order Table

| ORDER CODE | MODEL NUMBER | DLC CLASSIFICATION | DLC PRIMARY USE DESIGNATION                                                   | DLC PRODUCT ID |
|------------|--------------|--------------------|-------------------------------------------------------------------------------|----------------|
| 109018     | 27PTE26WCS   | N/A                | N/A                                                                           | N/A            |
| 109019     | 36PTEx39WCS  | Standard           | Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B) | S-1678VY       |
| 109020     | 45PTEx39WCS  | Standard           | Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B) | S-C5AFUW       |
| 109021     | 54PTEx39WCS  | Standard           | Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B) | S-1LDYXZ       |
| 109022     | 100PTEx39WCS | Standard           | Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B) | S-Z54OEG       |



**5-year standard warranty** with labor allowance\* (further details available at [www.maxlite.com/warranties](http://www.maxlite.com/warranties))  
 Product may be eligible for a warranty extension to 10 years, for an additional fee. Contact MaxLite for details.



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### Specifications

| Specifications        | 27PTE26WCS                                                                                                   |                     |                      | 36PTEX39WCS                                                                                                                                                                |                     |                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------|---------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|
|                       | Input Power (W)                                                                                              | 12W                 | 18W                  | 27W*                                                                                                                                                                       | 18W                 | 27W                  |
| Lumens Delivered (lm) | 1200, 1350, 1250 lm                                                                                          | 1900, 2100, 2000 lm | 3200, 3500, 3400* lm | 1900, 2100, 2200 lm                                                                                                                                                        | 2900, 3250, 3000 lm | 4400, 4800, 4700* lm |
| Efficacy (Bare lamp)  | 120, 135, 125* lm/W                                                                                          |                     |                      |                                                                                                                                                                            |                     |                      |
| Distribution          | 300°-360°                                                                                                    |                     |                      |                                                                                                                                                                            |                     |                      |
| CRI                   | ≥ 80                                                                                                         |                     |                      |                                                                                                                                                                            |                     |                      |
| Color Temperature (K) | 3000K, 4000K, 5000K*                                                                                         |                     |                      |                                                                                                                                                                            |                     |                      |
| L70 Lumen Maintenance | 100,000 hrs                                                                                                  |                     |                      |                                                                                                                                                                            |                     |                      |
| Power Factor          | ≥ 0.9                                                                                                        |                     |                      |                                                                                                                                                                            |                     |                      |
| Input Voltage         | 120-277V AC, 50/60Hz                                                                                         |                     |                      |                                                                                                                                                                            |                     |                      |
| Base Type             | E26                                                                                                          |                     |                      | EX39                                                                                                                                                                       |                     |                      |
| Lens                  | Polycarbonate                                                                                                |                     |                      |                                                                                                                                                                            |                     |                      |
| Operating Temperature | -22°F to 140°F                                                                                               |                     |                      |                                                                                                                                                                            |                     |                      |
| Piece per Carton      | 16 pcs                                                                                                       |                     |                      |                                                                                                                                                                            |                     |                      |
| Certifications        | cULus listed, cULus classified, FCC                                                                          |                     |                      |                                                                                                                                                                            |                     |                      |
| Qualifications        | N/A                                                                                                          |                     |                      | DLC Standard                                                                                                                                                               |                     |                      |
| Environment           | Suitable for damp locations.<br>Do not use with Triac Dimmers.<br>Suitable for use with Enclosed Luminaires. |                     |                      | Suitable for damp locations. Do not use with Triac Dimmers.<br>Suitable for use with Enclosed Luminaires. Use only with a portable luminaire that is provided with a shade |                     |                      |
| Warranty              | 5 Year Standard Warranty                                                                                     |                     |                      |                                                                                                                                                                            |                     |                      |

\* Factory settings are at the highest wattage at 5000K

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## HID Post Top

## Wattage and Color Selectable

### Specifications

| Specifications        | 45PTEX39WCS                                                                                                                                                             |                     |                      | 54PTEX39WCS                                                                                                                                                                                                                        |                     |                      | 100PTEX39WCS                                                                                                                                                     |                     |                         |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------|
| Input Power (W)       | 27W                                                                                                                                                                     | 36W                 | 45W*                 | 36W                                                                                                                                                                                                                                | 45W                 | 54W*                 | 63W                                                                                                                                                              | 80W                 | 100W*                   |
| Lumens Delivered (lm) | 2900, 3250, 3000 lm                                                                                                                                                     | 3900, 4300, 4050 lm | 5300, 5700, 5600* lm | 3900, 4300, 4050 lm                                                                                                                                                                                                                | 4850, 5450, 5050 lm | 6350, 7000, 6750* lm | 6500, 7600, 7050 lm                                                                                                                                              | 8250, 9700, 9000 lm | 10500, 12000, 11500* lm |
| Efficacy (Bare lamp)  | 120, 135, 125* lm/W                                                                                                                                                     |                     |                      |                                                                                                                                                                                                                                    |                     |                      | 115, 135, 125* lm/W                                                                                                                                              |                     |                         |
| Distribution          | 300°-360°                                                                                                                                                               |                     |                      |                                                                                                                                                                                                                                    |                     |                      |                                                                                                                                                                  |                     |                         |
| CRI                   | ≥ 80                                                                                                                                                                    |                     |                      |                                                                                                                                                                                                                                    |                     |                      |                                                                                                                                                                  |                     |                         |
| Color Temperature (K) | 3000K, 4000K, 5000K*                                                                                                                                                    |                     |                      |                                                                                                                                                                                                                                    |                     |                      |                                                                                                                                                                  |                     |                         |
| L70 Lumen Maintenance | 100,000 hrs                                                                                                                                                             |                     |                      |                                                                                                                                                                                                                                    |                     |                      |                                                                                                                                                                  |                     |                         |
| Power Factor          | ≥ 0.9                                                                                                                                                                   |                     |                      |                                                                                                                                                                                                                                    |                     |                      |                                                                                                                                                                  |                     |                         |
| Input Voltage         | 120-277V AC, 50/60Hz                                                                                                                                                    |                     |                      |                                                                                                                                                                                                                                    |                     |                      |                                                                                                                                                                  |                     |                         |
| Base Type             | EX39                                                                                                                                                                    |                     |                      |                                                                                                                                                                                                                                    |                     |                      |                                                                                                                                                                  |                     |                         |
| Lens                  | Polycarbonate                                                                                                                                                           |                     |                      |                                                                                                                                                                                                                                    |                     |                      |                                                                                                                                                                  |                     |                         |
| Operating Temperature | -22°F to 140°F                                                                                                                                                          |                     |                      |                                                                                                                                                                                                                                    |                     |                      |                                                                                                                                                                  |                     |                         |
| Piece per Carton      | 16 pcs                                                                                                                                                                  |                     |                      |                                                                                                                                                                                                                                    |                     |                      | 6 pcs                                                                                                                                                            |                     |                         |
| Certifications        | cULus listed, cULus classified, FCC                                                                                                                                     |                     |                      |                                                                                                                                                                                                                                    |                     |                      |                                                                                                                                                                  |                     |                         |
| Qualifications        | DLC Standard                                                                                                                                                            |                     |                      |                                                                                                                                                                                                                                    |                     |                      |                                                                                                                                                                  |                     |                         |
| Environment           | Suitable for damp locations. Do not use with Triac Dimmers. Suitable for use with Enclosed Luminaires. Use only with a portable luminaire that is provided with a shade |                     |                      | Suitable for damp locations. Do not use with Triac Dimmers. Suitable for use with Enclosed Luminaires with minimum inner housing dimensions of L 7.9in x W 7.9in, Use only with a portable luminaire that is provided with a shade |                     |                      | Suitable for damp locations. Do not use with Triac Dimmers. Suitable for use with Enclosed Luminaires with minimum inner housing dimensions of L 9.9in x W 9.9in |                     |                         |
| Warranty              | 5 Year Standard Warranty                                                                                                                                                |                     |                      |                                                                                                                                                                                                                                    |                     |                      |                                                                                                                                                                  |                     |                         |

\* Factory settings are at the highest wattage at 5000K

### Accessories

| DESCRIPTION      | MODEL NUMBER         | ORDER CODE | ACCESSORY IMAGE                                                                       |
|------------------|----------------------|------------|---------------------------------------------------------------------------------------|
| PHOTOCELL SENSOR | DTDS-PT <sup>1</sup> | 103637     |  |
| MICROWAVE SENSOR | MS-PT <sup>1</sup>   | 103638     |  |
| PIR SENSOR       | PIR-PT <sup>1</sup>  | 103636     |  |

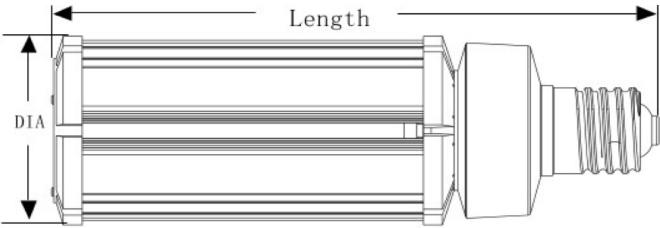
#### NOTES:

1. 27W not compatible with any sensors.

HID Post Top

Wattage and Color Selectable

Dimensions



| PRODUCT      | LENGTH | DIAMETER |
|--------------|--------|----------|
| 27PTE26WCS   | 6.73"  | 2.32"    |
| 36PTEx39WCS  | 8.46"  | 3.35"    |
| 45PTEx39WCS  | 9.65"  | 3.35"    |
| 54PTEx39WCS  | 9.65"  | 3.35"    |
| 100PTEx39WCS | 10.63" | 5.12"    |