



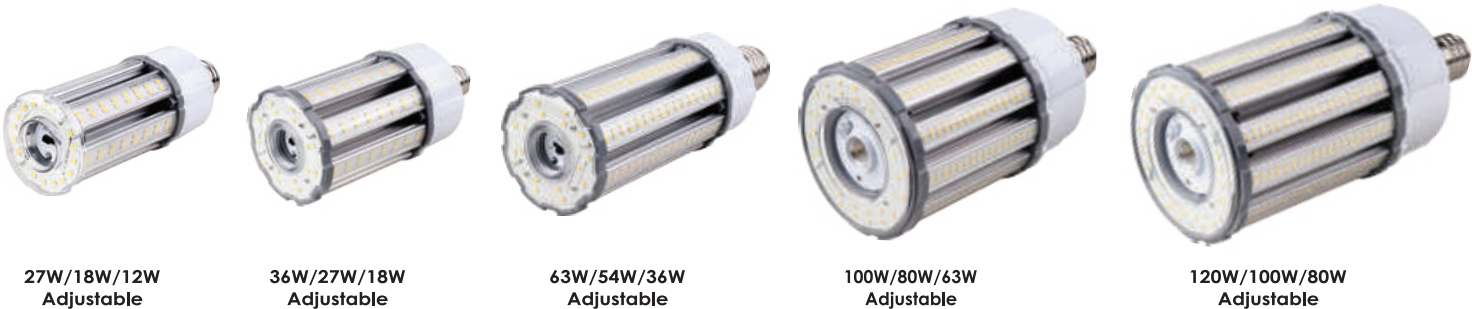
Innovation & Quality

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LED Corn Light

Power Adjustable

Project :  
Type :  
Drawn by :  
Catalogue No. :  
Date :



Specifications

| Model No.              |                            | <input type="checkbox"/> AST-CLW08G-027WBCA1-S40K<br><input type="checkbox"/> AST-CLW08G-027WBCA1-S50K | <input type="checkbox"/> AST-CLW08G-036WBCA1-S40K<br><input type="checkbox"/> AST-CLW08G-036WBCA1-S50K | <input type="checkbox"/> AST-CLW08G-063WBCA1-S40K<br><input type="checkbox"/> AST-CLW08G-063WBCA1-S50K |
|------------------------|----------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| General                | Watts                      | 27W/18W/12W ADJ                                                                                        | 36W/27W/18W ADJ                                                                                        | 63W/54W/36W ADJ                                                                                        |
|                        | HID Equivalent             | 80W/50W/40W                                                                                            | 100W/80W/50W                                                                                           | 180W/160W/100W                                                                                         |
|                        | Lumen                      | 4050L/2700L/1800L                                                                                      | 5400L/4050L/2700L                                                                                      | 9450L/8100L/5400L                                                                                      |
|                        | Base                       | E26 and E39 inside package                                                                             | E26 and E39 inside package                                                                             | E26 and E39 inside package                                                                             |
|                        | CCT                        | 4000K/5000K                                                                                            | 4000K/5000K                                                                                            | 4000K/5000K                                                                                            |
|                        | Volts                      | AC120-347V                                                                                             | AC120-347V                                                                                             | AC120-347V                                                                                             |
|                        | CRI                        | >80                                                                                                    | >80                                                                                                    | >80                                                                                                    |
|                        | Beam Angel                 | 360degree                                                                                              | 360degree                                                                                              | 360degree                                                                                              |
|                        | Hours Rated                | 50000hours                                                                                             | 50000hours                                                                                             | 50000hours                                                                                             |
|                        | Min Compartment Size       | Length: 14.96 in. Width: 7.87 in. Height: 7.87 in.                                                     | Length: 14.96 in. Width: 7.87 in. Height: 7.87 in.                                                     | Length: 16.54in. Width: 9.06 in. Height: 9.06 in.                                                      |
| Electrical             | Ballasting Requirements    | Ballast Bypass                                                                                         | Ballast Bypass                                                                                         | Ballast Bypass                                                                                         |
|                        | Operating Frequency        | 50-60Hz                                                                                                | 50-60Hz                                                                                                | 50-60Hz                                                                                                |
|                        | Power Factor               | >0.9                                                                                                   | >0.9                                                                                                   | >0.9                                                                                                   |
|                        | Operating Position         | Both Horizontal&Vertical                                                                               | Both Horizontal&Vertical                                                                               | Both Horizontal&Vertical                                                                               |
|                        | Surge Protection           | Built-in surge protection-4KV                                                                          | Built-in surge protection-4KV                                                                          | Built-in surge protection-4KV                                                                          |
|                        | Operating Temperature      | -40°C (-40°F) TO 50°C (122°F)                                                                          | -40°C (-40°F) TO 50°C (122°F)                                                                          | -40°C (-40°F) TO 50°C (122°F)                                                                          |
| Physical               | MOL                        | 7.56in                                                                                                 | 7.56in                                                                                                 | 9.09in                                                                                                 |
|                        | MOD                        | 3.35in                                                                                                 | 3.35in                                                                                                 | 3.35in                                                                                                 |
|                        | Lens Material              | Plastic                                                                                                | Plastic                                                                                                | Plastic                                                                                                |
|                        | Housing Color              | Gray                                                                                                   | Gray                                                                                                   | Gray                                                                                                   |
|                        | Weight (Kg)                | 0.56                                                                                                   | 0.56                                                                                                   | 0.7                                                                                                    |
| Additional Information | Additional Info            | Power adjustable                                                                                       | Power adjustable                                                                                       | Power adjustable                                                                                       |
|                        | Rated For Enclosed Fixture | Yes                                                                                                    | Yes                                                                                                    | Yes                                                                                                    |
|                        | Warranty                   | 5 years                                                                                                | 5 years                                                                                                | 5 years                                                                                                |
| Compliance             | Safety Listing             | cULus-Listed                                                                                           | cULus-Listed                                                                                           | cULus-Listed                                                                                           |
|                        | Location Rating            | Damp                                                                                                   | Damp                                                                                                   | Damp                                                                                                   |
|                        | Energy Star                | No                                                                                                     | No                                                                                                     | No                                                                                                     |
|                        | DLC Approved               | Yes for E39                                                                                            | Yes for E39                                                                                            | Yes for E39                                                                                            |
| DLC ID                 |                            | S-X3AJW0(4000K)<br>S-YP3MHB(5000K)                                                                     | S-ZH23IA(4000K)<br>S-NZ8WLB(5000K)                                                                     | S-YRFQA7(4000K)<br>S-ETOGO4(5000K)                                                                     |



Specifications

| Model No.              |                            | <input type="checkbox"/> AST-CLW08G-100WBCNA1-ESP40K<br><input type="checkbox"/> AST-CLW08G-100WBCNA1-ESP50K | <input type="checkbox"/> AST-CLW08G-0120WBCA1-S40K<br><input type="checkbox"/> AST-CLW08G-0120WBCA1-S50K |
|------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| General                | Watts                      | 100W/80W/63W ADJ                                                                                             | 120W/100W/80W ADJ                                                                                        |
|                        | HID Equivalent             | 300W/240W/180W                                                                                               | 360W/300W/240W                                                                                           |
|                        | Lumen                      | 15000L/12000L/9450L                                                                                          | 18000L/15000L/12000L                                                                                     |
|                        | Base                       | E39                                                                                                          | E39                                                                                                      |
|                        | CCT                        | 4000K/5000K                                                                                                  | 4000K/5000K                                                                                              |
|                        | Volts                      | AC 120-347V                                                                                                  | AC 120-347V                                                                                              |
|                        | CRI                        | >80                                                                                                          | >80                                                                                                      |
|                        | Beam Angel                 | 360degree                                                                                                    | 360degree                                                                                                |
|                        | Hours Rated                | 50000hours                                                                                                   | 50000hours                                                                                               |
|                        | Min Compartment Size       | Length: 17.32 in. Width: 9.45 in.<br>Height: 9.45 in.                                                        | Length: 17.32 in. Width: 10.24 in.<br>Height: 10.24 in.                                                  |
| Electrical             | Ballasting Requirements    | Ballast Bypass                                                                                               | Ballast Bypass                                                                                           |
|                        | Operating Frequency        | 50-60Hz                                                                                                      | 50-60Hz                                                                                                  |
|                        | Power Factor               | >0.9                                                                                                         | >0.9                                                                                                     |
|                        | Operating Position         | Only Vertical                                                                                                | Only Vertical                                                                                            |
|                        | Surge Protection           | Built-in surge protection-6KV                                                                                | Built-in surge protection-6KV                                                                            |
|                        | Operating Temperature      | -40°C(-40°F) TO 50°C(122°F)                                                                                  | -40°C(-40°F) TO 50°C(122°F)                                                                              |
| Physical               | MOL                        | 10.31in                                                                                                      | 11.14in                                                                                                  |
|                        | MOD                        | 5.12n                                                                                                        | 5.12in                                                                                                   |
|                        | Lens Material              | Plastic                                                                                                      | Plastic                                                                                                  |
|                        | Housing Color              | Gray                                                                                                         | Gray                                                                                                     |
|                        | Weight (Kg)                | 1.43                                                                                                         | 1.55                                                                                                     |
| Additional Information | Additional Info            | Power adjustable                                                                                             | Power adjustable                                                                                         |
|                        | Rated For Enclosed Fixture | Yes                                                                                                          | Yes                                                                                                      |
|                        | Warranty                   | 5 years                                                                                                      | 5 years                                                                                                  |
| Compliance             | Safety Listing             | cULus-Listed                                                                                                 | cULus-Listed                                                                                             |
|                        | Location Rating            | Damp                                                                                                         | Damp                                                                                                     |
|                        | Energy Star                | No                                                                                                           | No                                                                                                       |
|                        | DLC Approved               | Yes                                                                                                          | Yes                                                                                                      |
|                        | DLC ID                     | S-7ZJYHF(4000K)<br>S-POELIS(5000K)                                                                           | S-9S0CPH(4000K)<br>S-9KSYFB(5000K)                                                                       |

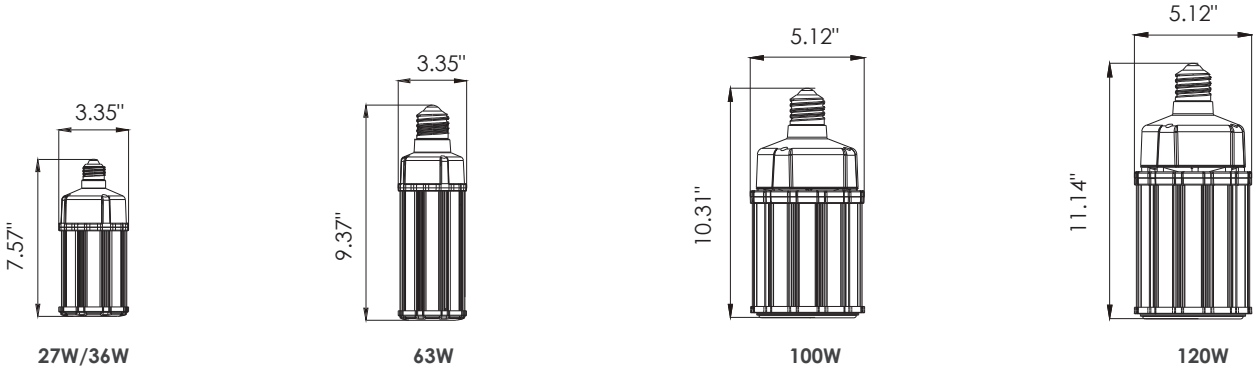


Features & Specifications

|                  |                                                                                                                                                                                      |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction     | <ul style="list-style-type: none"><li>• 360degree beam angle</li><li>• Wattage selectable at the bottom of lamp</li><li>• E26+E39 base for 27W-63W, E39 base for 100W 120W</li></ul> |
| Mounting         | <ul style="list-style-type: none"><li>• Screw in the post top, garden light, shoebox, and highbay fixture</li></ul>                                                                  |
| Performance Data | <ul style="list-style-type: none"><li>• Available in 4000K or 5000K</li><li>• 80+CRI</li><li>• Electrical ratings: 120-347VAC</li></ul>                                              |
| Compliances      | <ul style="list-style-type: none"><li>• cUL certified for damp locations</li><li>• IP64</li><li>• DLC standard</li></ul>                                                             |

Dimensions & Weights

| Watts            | 27W               | 36W               | 63W               | 100W               | 120W               |
|------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| Size             | 3.35"(D)×7.57"(L) | 3.35"(D)×7.57"(L) | 3.35"(D)×9.37"(L) | 5.12"(D)×10.31"(L) | 5.12"(D)×11.14"(L) |
| Net weight (lbs) | 0.56              | 0.56              | 0.7               | 1.43               | 1.55               |





Product Details



Lumen Details

| Model No.:                                                 | Watt | 4000K        |            | 5000K        |            |
|------------------------------------------------------------|------|--------------|------------|--------------|------------|
|                                                            |      | Lumen Output | Efficiency | Lumen Output | Efficiency |
| AST-CLW08G-027WBCA1-S40K<br>AST-CLW08G-027WBCA1-S50K       | 27W  | 3915 lm      | 145 lm/W   | 4050 lm      | 150 lm/W   |
|                                                            | 18W  | 2610 lm      | 145 lm/W   | 2700 lm      | 150 lm/W   |
|                                                            | 12W  | 1740 lm      | 145 lm/W   | 1800 lm      | 150 lm/W   |
| AST-CLW08G-036WBCA1-S40K<br>AST-CLW08G-036WBCA1-S50K       | 36W  | 5220 lm      | 145 lm/W   | 5400 lm      | 150 lm/W   |
|                                                            | 27W  | 3915 lm      | 145 lm/W   | 4050 lm      | 150 lm/W   |
|                                                            | 18W  | 2610 lm      | 145 lm/W   | 2700 lm      | 150 lm/W   |
| AST-CLW08G-063WBCA1-S40K<br>AST-CLW08G-063WBCA1-S50K       | 63W  | 9135 lm      | 145 lm/W   | 9450 lm      | 150 lm/W   |
|                                                            | 54W  | 7830 lm      | 145 lm/W   | 8100 lm      | 150 lm/W   |
|                                                            | 36W  | 5220 lm      | 145 lm/W   | 5400 lm      | 150 lm/W   |
| AST-CLW08G-100WBCNA1-ESP40K<br>AST-CLW08G-100WBCNA1-ESP50K | 100W | 14500 lm     | 145 lm/W   | 15000 lm     | 150 lm/W   |
|                                                            | 80W  | 11600 lm     | 145 lm/W   | 12000 lm     | 150 lm/W   |
|                                                            | 63W  | 9135 lm      | 145 lm/W   | 9450 lm      | 150 lm/W   |
| AST-CLW08G-120WBCNA1-ESP40K<br>AST-CLW08G-120WBCNA1-ESP50K | 120W | 17400 lm     | 145 lm/W   | 18000 lm     | 150 lm/W   |
|                                                            | 100W | 14500 lm     | 145 lm/W   | 15000 lm     | 150 lm/W   |
|                                                            | 80W  | 11600 lm     | 145 lm/W   | 12000 lm     | 150 lm/W   |



Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Votatec customer service representative to confirm inventory levels at time of order

