# VP series

Constant Current

- Input voltage: 100-277Vac
- Constant power, flicker free
- Programmable, NTC, CLO, ELA, SSA
- 10kV/6kV surge protection
- 3-in-1 isolated dimming, DALI-2
- Always-on Aux (+12V), Dim-to-off
- Global certified
- Up to 8 years warranty



## Power Levels

| | | | |
|---|---|---|---|
| 50W | 75W | 100W | 150W |
| 200W | 240W | 320W | 400W |
| 500W | 600W | 650W | 720W |
| 730W | 1000W | | |

## Applications:

Street light, High mast, Fishing light,
Horticulture light, Stadium light

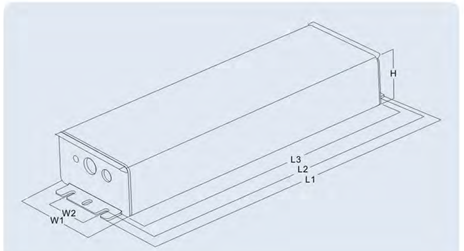
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Class P · DALI 2

## Dimension

Units: mm/In

| Model | L1 | L2 | L3 | W1 | W2 | H |
|---|---|---|---|---|---|---|
| 50VP | 138 | 129 | 121 | 66 | 32 | 35.5 |
| | 5.43 | 5.09 | 4.76 | 2.60 | 1.26 | 1.40 |
| 75VP | 179 | 164 | 154 | 66 | 32 | 35.5 |
| | 7.05 | 6.46 | 6.06 | 2.60 | 1.26 | 1.40 |
| 100VP | 193 | 178 | 169 | 66 | 32 | 35.5 |
| | 7.56 | 7.00 | 6.65 | 2.60 | 1.26 | 1.40 |
| 150VP 200VP-H | 209 | 196 | 182 | 71 | 34 | 39.5 |
| | 8.23 | 7.72 | 7.13 | 2.80 | 1.34 | 1.56 |
| 200VP 240VP-H | 244 | 229 | 219 | 71 | 34 | 39.6 |
| | 9.61 | 9.02 | 8.62 | 2.80 | 1.34 | 1.56 |
| 240VP 320VP-H | 254 | 241 | 230 | 71 | 34 | 39.6 |
| | 10.00 | 9.49 | 9.06 | 2.80 | 1.34 | 1.56 |
| 320VP 400VP | 252 | 238.3 | 225 | 89.5 | 40 | 44.5 |
| | 9.91 | 9.38 | 8.86 | 3.52 | 1.57 | 1.75 |
| 500VP | 260.8 | 247.3 | 234 | 125 | 78 | 43.5 |
| | 10.27 | 9.74 | 9.21 | 4.92 | 3.07 | 1.71 |
| 600VP 720VP | 282 | 267 | 261.2 | 144 | 97 | 49.5 |
| | 11.10 | 10.50 | 10.28 | 5.67 | 3.82 | 1.95 |
| 650VP 730VP | 430 | 416.5 | 403.2 | 89.5 | 40 | 44.5 |
| | 16.9 | 163.9 | 15.87 | 3.52 | 1.57 | 1.75 |
| 1000VP | 440 | 426.5 | 413.2 | 89.5 | 40 | 44.5 |
| | 17.32 | 16.79 | 16.27 | 3.52 | 4.57 | 1.75 |




## SPECIFICATION

| Model | Output Voltage(V) | Output Current(A) | Output Power(W) | Efficiency | PF | Dimension(mm) |
|---|---|---|---|---|---|---|
| SS-50VP-56* | 22-56 | 0.35-1.56 | 50 | 86.0% | 0.95 | 138*66*35.5 |
| SS-50VP-72* | 28-72 | 0.35-1.4 | 50 | 87.0% | 0.95 | 138*66*35.5 |
| SS-75VP-56* | 22-56 | 0.35-2.4 | 75 | 88.0% | 0.95 | 179*66*35.5 |
| SS-75VP-108* | 54-108 | 0.1-1.05 | 75 | 90.0% | 0.95 | 179*66*35.5 |
| SS-100VP-56* | 22-56 | 0.35-3.0 | 96 | 90.0% | 0.95 | 193*66*35.5 |
| SS-100VP-143* | 72-143 | 0.1-1.05 | 100 | 92.0% | 0.95 | 193*66*35.5 |



## SPECIFICATION

| Model | Output Voltage(V) | Output Current(A) | Output Power(W) | Efficiency | PF | Dimension(mm) |
|---|---|---|---|---|---|---|
| SS-150VP-56* | 22-56 | 0.35-4.2 | 150 | 92.0% | 0.95 | 209*71*39.6 |
| SS-150VP-143* | 72-143 | 0.35-1.50 | 150 | 93.0% | 0.95 | 209*71*39.6 |
| SS-150VP-215* | 108-215 | 0.1-1.05 | 150 | 93.0% | 0.95 | 209*71*39.6 |
| SS-200VP-56* | 22-56 | 0.7-5.6 | 200 | 92.0% | 0.95 | 244*71*39.6 |
| SS-200VP-190* | 95-190 | 0.35-1.50 | 200 | 92.5% | 0.95 | 244*71*39.6 |
| SS-200VP-286* | 143-286 | 0.1-1.05 | 200 | 92.5% | 0.95 | 244*71*39.6 |
| SS-240VP-56* | 22-56 | 0.7-6.67 | 240 | 92.5% | 0.95 | 254*71*39.6 |
| SS-240VP-228* | 114-228 | 0.35-1.50 | 240 | 93.0% | 0.95 | 254*71*39.6 |
| SS-240VP-343* | 171-343 | 0.1-1.05 | 240 | 93.5% | 0.95 | 254*71*39.6 |
| SS-320VP-56* | 22-56 | 1.05-8.4 | 320 | 94.0% | 0.95 | 252*89.5*44.5 |
| SS-320VP-68 | 48-68 | 0.7-6.7 | 320 | 93.5% | 0.95 | 252*89.5*44.5 |
| SS-320VP-228* | 114-228 | 0.35-1.75 | 320 | 93.5% | 0.95 | 252*89.5*44.5 |
| SS-320VP-428* | 214-428 | 0.1-1.05 | 320 | 94.0% | 0.95 | 252*89.5*44.5 |
| SS-400VP-56* | 28-56 | 1.05-8.35 | 400 | 94.0% | 0.95 | 252*89.5*44.5 |
| SS-400VP-228 | 114-228 | 0.35-2.5 | 400 | 95.0% | 0.95 | 252*89.5*44.5 |
| SS-500VP-24* | 18-24 | 2.1-20.0 | 480 | 93.5% | 0.95 | 260.8*125*43.5 |
| SS-500VP-56* | 22-56 | 1.4-11.4 | 500 | 94.5% | 0.95 | 260.8*125*43.5 |
| SS-500VP-228* | 114-228 | 0.35-2.8 | 500 | 94.5% | 0.95 | 260.8*125*43.5 |
| SS-500VP-428* | 214-428 | 0.35-1.4 | 500 | 95.0% | 0.95 | 260.8*125*43.5 |
| SS-600VP-24* | 16-28 | 2.5-25 | 600 | 91.0% | 0.95 | 282*144*49.5 |
| SS-600VP-42* | 20-42 | 1.7-16.7 | 600 | 93.0% | 0.95 | 282*144*49.5 |
| SS-600VP-56* | 22-56 | 1.25-12.5 | 600 | 95.0% | 0.95 | 282*144*49.5 |
| SS-600VP-190* | 95-190 | 0.7-4.2 | 600 | 95.0% | 0.95 | 282*144*49.5 |
| SS-600VP-286* | 143-286 | 0.35-2.8 | 600 | 95.0% | 0.95 | 282*144*49.5 |
| SS-600VP-428* | 214-428 | 0.35-1.75 | 600 | 95.0% | 0.95 | 282*144*49.5 |
| SS-650VP-56* | 28-56 | 1.4-13.5 | 650 | 95.0% | 0.95 | 430*89.5*44.5 |
| SS-720VP-56* | 28-56 | 1.5-15 | 720 | 95.0% | 0.95 | 282*144*49.5 |
| SS-730VP-56* | 28-56 | 1.75-15.2 | 730 | 95.0% | 0.95 | 430*89.5*44.5 |
| SS-1000VP-56* | 28-56 | 2.1-20.8 | 1000 | 95.0% | 0.95 | 440*89.5*44.5 |
| SS-200VP-H56* | 36-56 | 0.7-4.35 | 200 | 92.0% | 0.95 | 209*71*39.6 |
| SS-240VP-H56* | 36-56 | 0.7-5.22 | 240 | 92.0% | 0.98 | 244*71*39.6 |
| SS-320VP-H56* | 36-56 | 0.7-6.7 | 320 | 93.5% | 0.95 | 254*71*42.7 |

Note: *=BH, 3-in-1 dimming and Aux. (0-10V, PWM, Timing) *=DH, DALI+Aux
*=BHB, integrated horticulture light LED Driver with knob, Network dimming can be realized through RJ25 network interface
Please refer to spec for more details