



Applications

Parking lot
Wall Pack
Roadway
Billboard

Certification

KC
UL
FCC
DLC

Description

Easy Replace & Install
High Luminous Efficacy 125 lm/W
Wireless Lighting Control

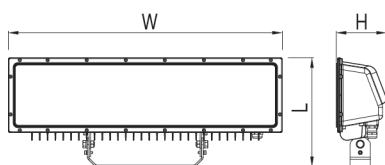
Specifications

| | | |
|-------------------------------------|--------------|--|
| Model Name | | WP100 |
| Power Consumption | | 100W |
| Correlated Color Temperature | | 5000K (3500K / 4000K / 6500K available) |
| Luminous Flux * | | 12,500 lm |
| Luminous Efficacy * | | 125 lm/W |
| LED Driving Current * | | 83.3 mA |
| Color Rendering Index | | 80 Ra |
| Light Distribution | | Asymmetric Wide |
| BUG Rating | | B1 – U1 – G2 (Backlight – Uplight – Glare) |
| LED Chip Manufacturer | | SAMSUNG |
| Input Voltage | | 100 – 277 Vac |
| Input Current | | Max 1.25A (@100Vac) |
| Power Factor | | ≥0.9 at Max load |
| Frequency | | 50 ~ 60 Hz |
| Driver Type | | Constant Current (CC) |
| Driver Manufacturer | | KMW INC. / Made in Korea |
| Size (W x L x H) | | 21.8 x 10.3 x 4.0 (inch) 552 x 261 x 101 (mm) |
| Weight (Driver included) | | 9.3 lb 4.2 Kg |
| Material | Body | Cast Aluminum |
| | Optic | Silver Coating Reflector |
| | Cover | Tempered Glass 3.2T (Clear) |
| Finish | | Powder Coating |
| IP Rating | | IP66 |
| Mounting Option | | Wall Mount, Swivel Bracket, Pole Mount |
| Operating Temperature | | -22°F ~ 140°F -30°C ~ 60°C |
| Life Time | | 50,000 Hours (@77°F / 25°C) |
| Warranty | | 5 Years (12 hours usage per day) |
| Option | | |
| Control System | | Wireless (ZigBee) / Sensor (Daylight) |
| Surge Protection | | Line-Line 20KV, Line-FG 20KV |

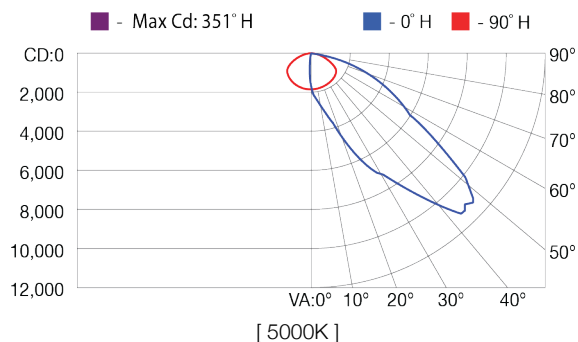
*Tolerance : ± 5%

Photometry

See photometric .ies files for details.



Swivel Type



Control Specification (Optional)

| ZigBee (Mesh Networking) | | Wireless Control |
|-------------------------------|--|---|
| Input Voltage | | 15 Vdc |
| Max. Power Consumption | | 0.3 W (@15Vdc) |
| Standard | | 2.4 GHz - IEEE 802.15.4 (Compatible) |
| Network | | Mesh |
| RF Tx Power | | Max. +8 dBm (Typ. 5 dBm) |
| Data Rate | | 250 kbps |
| Security | | 128 bit AES Encryption Algorithms |
| Dimmer | | PWM, 0 – 10 Vdc |
| Antenna | | Omni Type, 2 dBi |
| Daylight Sensor | | Smart sensor Module |
| Operating Voltage Range | | 5 – 50 Vdc (TYP. 15 Vdc) |
| Max. Power Consumption | | 0.6 W (@15Vdc) |
| Detectable Illumination Range | | 9.2 – 92 fc (Default : 64 fc) / 100 – 1,000 lx (Default : 700 lx) |
| LED Light Bi-level Setting | | 0 % to 30 % (Adjustable) / 10% (Default) |
| Output Signal | | PWM |

Ordering Information

Order Code Usage : WP100-A50WMNG1S

| | 000 | - | O | OO | OO | O | OO | O |
|----|--------------------------------|---|--------------------------|--|---|---|----------------|-------------------|
| | Power Consumption | | Input Voltage | CCT(K) | Installation Type | Dimming control & Sensor | Fixture Color | Surge Protector |
| WP | 050=50W 075=75W 100=100W | | A=100~277V B=100~240V | 35=3500K 40=4000K 50=5000K 65=6500K | WM=Wall Mount MB=Mount Bracket PH=Pole Mount Horizontal PV=Pole Mount Vertical | A=Daylight Sensor N=None Z=ZigBee | G1=Gray Powder | S=Yes Black=No |