



Applications

- Business Park
- Parking Lot
- Walkway
- Village

Certification

- KC
- UL
- FCC
- EE
- SABS

Description

Ensured Long Life and Excellent Cooling Structure
Excellent Light Distribution and Uniformity
Cutoff Optics

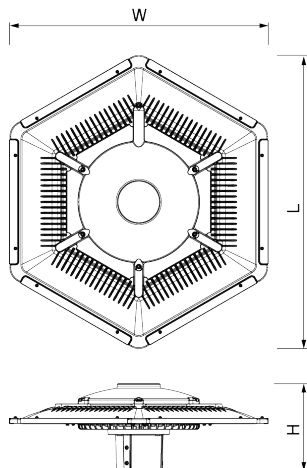
Specifications

| | | | |
|--|--|-------------------------------|----------------------------|
| Model Name | NM050 | | |
| Power Consumption | 50W | | |
| Light Source | 0.2W Mid Power LED Chips (Qty : 252 pcs) | | |
| Correlated Color Temperature | 5000K (4000K / 5700K available) | | |
| Luminous Flux * | 4,750 lm | | |
| Luminous Efficacy * | 95 lm/W | | |
| LED Driving Current | 61.1 mA | | |
| Color Rendering Index | 80 Ra | | |
| Light Distribution | 150° | | |
| BUG Rating | B3 – UX – G3 (Backlight – Uplight – Glare) | | |
| LED Chip Manufacturer | SAMSUNG | | |
| Input Voltage | 100 ~ 277 Vac | 100 ~ 240 Vac | |
| Input Current | Max. 0.6A (@100Vac) | | |
| Power Factor | ≥0.9 at Max load | | |
| Frequency | 50 / 60 Hz | | |
| Surge Protection | Line-Line 2KV, Line-FG 4KV | | |
| Driver Type | Constant Current (CC) | | |
| Fixture & Driver Manufacturer | KMW INC. / Made in Korea | | |
| Size (W x L x H) | None | 19.8 x 22.4 x 6.6 (inch) | 502.0 x 567.6 x 168.5 (mm) |
| | Photo Sensor | 19.8 x 22.4 x 8.7 (inch) | 502.0 x 567.6 x 220.6 (mm) |
| Weight (Driver included) | 16.1 lb | | 7.3 Kg |
| Material | Body | Cast Aluminum | |
| | Optic | Silver Reflector | |
| | Cover | Polycarbonate 3.0T (Diffuser) | |
| Finish | Powder Coating | | |
| IP Rating | IP65 | | |
| Mounting Option | Pole Mount (Post Top) | | |
| Mount Hole | Pipe Applied Ø2.88 inch | Pipe Applied Ø73.0 mm | |
| 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) | | |

*Tolerance : ± 5%

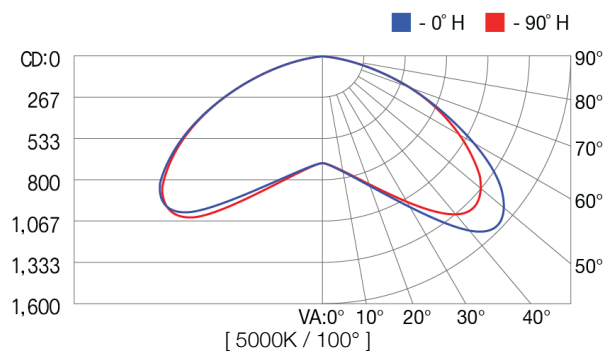
Option

| | |
|-----------------------|---------------------|
| Control System | Sensor (NEMA Photo) |
|-----------------------|---------------------|



Photometry

See photometric .ies files for details.



Control Specification (Optional)

| Photo Sensor (NEMA) | |
|---------------------|--|
| Type | CdS Photocell |
| Material | UV Stabilized Polycarbonate Cover & Clear Window |
| On-Off Levels | 10~20 lx (Dusk) : 30~60 lx (Dawn) |
| Ambient Temperature | -40°C ~ 70°C |
| Relative Humidity | 95% |
| Power Consumption | Max. 1.5Vac |
| IP Rate | IP65 |
| Electrical Life | 6000 Cycles |