

YSL10 Solar Powered Obstruction Light

The solar panel comes with 3S10 provides power supply to the light, which makes 3S10 a self-contained and care-free light unit. Also, with the solar function, the light is easy to deploy to almost any condition and any emergency case. Robust body built and surface coating provides good protection against harsh environments.

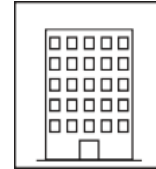
3S10 is equipped with an 8Ah NiMH rechargeable battery which could power the light up to 20 days when the weather is cloudy & rainy. NiMH battery is also a clean power source with no pollution. The NiMH battery is also easy to find almost anywhere.

3S10 is also available with an optional on/off switch for storing and protect battery from overcharge and over-discharging.

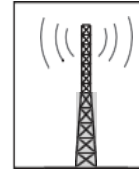
Compliant

ICAO (Annex 14) Volume1,4th Edition,July2004
FAA-Advisory Circular AC150/5370-2F

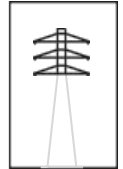
APPLICATIONS



buildings



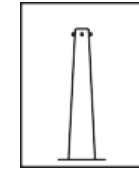
tlc towers



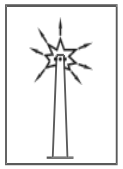
power lines



wind turbines



chimneys



flare stacks

Features

- Ultra-light LEDs, energy saving
- Self-contained without outside power supply
- Maximum visibility distance 4 KM
- Once fully charged, it can work for up to 200 hours
- Auto-off after being packed for 18 hours

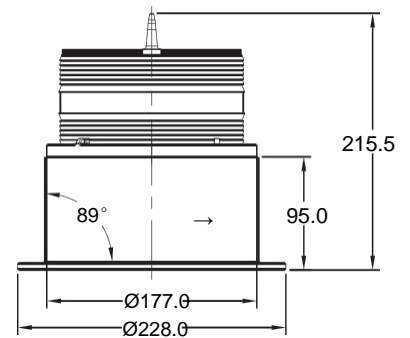
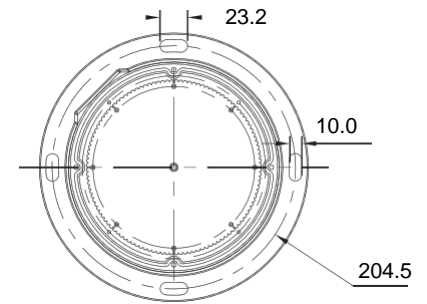
Application

- High-rise building marking
- Telecom tower marking
- Road obstruction marking
- Navigation aid
- Port, dock entrance & walkway
- Buoy marking
- Offshore gas & oil platform

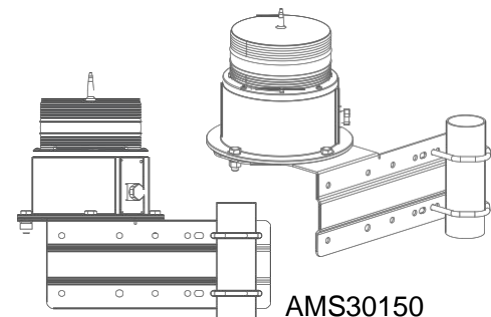
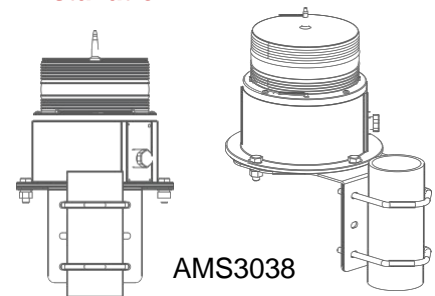


Specifications

| LIGHT OUT-PUT | |
|----------------------|--|
| Intensity | FLASHING ● Red: >10cd ● Green:>20cd ● Yellow: >10cd ○ White:>25cd ● Blue:>5cd |
| | STEADY ● Red: >4cd ● Green:>8cd ● Yellow: >4cd ○ White:>10cd ● Blue:>2cd |
| Nominal Night Range | >4 KM |
| LED Color Available | Red, Green, Yellow, White, Blue |
| Vertical Divergence | 10 Degree |
| Horizontal Out-put | 360 Degree |
| Illumination | Ultra-bright LEDs |
| Led Lifespan | 100,000hours |
| OPERATION | |
| Autonomy | Flashing : 200 Hours / Steady : 100 Hours |
| On & Off Level | 70/100 Lux |
| Flash Pattern | 40FPM default (can be preprogrammed to a specified flashing rate upon customer request) |
| POWER SUPPLY | |
| Power Source | Solar module, mono-crystalline silicon |
| Solar Efficiency | 13.5% |
| Max. Power Out-put | 1.8 Watts |
| Battery Type | High-efficiency NiMH rechargeable battery |
| Battery Capacity | 8 AH / 3.6V |
| Battery Replacement | Yes, replaceable |
| MECHANICAL STRUCTURE | |
| Lens | Polycarbonate, UV Stabilized |
| Body | Die-casting Aluminum |
| Water-proof | IP67 |
| Weight | 3.5 KG |
| Temperature range | -40C°~ +55C° |
| Relative Humidity | 100% with condensation |
| Warranty | 5 years for light 2 years for NiMH battery |



Installation



Note: when the light is in storage, please put it outside to charge the battery every 3 months

3 Star , Inc AMS mounting kit : Ordering Code

| Series | Vertical tower leg diameter range | Horizontal tower leg diameter range |
|----------|-----------------------------------|-------------------------------------|
| AMS3080 | 30-80mm | 30-80mm |
| AMS30150 | 30-150mm | 30-80mm |