



# MLEDTECH VISION SMART RECREATIONAL SERIES GYM HIGH BAY

- Industry leading efficacy at over 140 lm/watt for the entire fixture.
- Worlds first Nano technology finish on reflectors to be eyesight friendly
- Fresnel lense to decrease glare and negative effect on players eyes
- Heat Sink is protected from air born dust to maintain 100% heat transfer

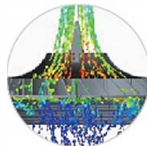
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|                             | Unit      | MNS-HB-90W      | MNS-HB-110W     | MNS-HB-130W                                                 | MNS-HB-150W     | MNS-HB-170W     |
|-----------------------------|-----------|-----------------|-----------------|-------------------------------------------------------------|-----------------|-----------------|
| Wattage                     | Watts     | 90              | 110             | 130                                                         | 150             | 170             |
| Replace Existing (HID)      | Watts     | 250             | 400             | 400                                                         | 500             | 750             |
| Light Output at Fixture     | Lumens    | 13320           | 16170           | 19760                                                       | 22500           | 26350           |
| Fixture Efficacy            | lm / watt | 148             | 147             | 152                                                         | 150             | 155             |
| Color Rendering Index       | Ra        | 72 Ra           | 72 Ra           | 72 Ra                                                       | 72 Ra           | 72 Ra           |
| L" X W" H"                  | inches    | 19" X 19" X 11" | 19" X 19" X 11" | 19" X 19" X 11"                                             | 19" X 19" X 11" | 19" X 19" X 11" |
| Weight                      | lbs       | 14.9            | 14.9            | 14.9                                                        | 14.9            | 14.9            |
| LED brand:                  |           | LG              | LG              | LG                                                          | LG              | LG              |
| LED Driver:                 |           | Meanwell        | Meanwell        | Meanwell                                                    | Meanwell        | Meanwell        |
| Input voltage:              | Volts     | AC100-277V      | AC100-277V      | AC100-277V                                                  | AC100-277V      | AC100-277V      |
| Input frequency:            | hz        | 50/60HZ         | 50/60HZ         | 50/60HZ                                                     | 50/60HZ         | 50/60HZ         |
| Operating Temp.:            |           | -30°C / 40°C    | -30°C / 40°C    | -30°C / 40°C                                                | -30°C / 40°C    | -30°C / 40°C    |
| IP rating:                  |           | IP65            | IP65            | IP65                                                        | IP65            | IP65            |
| Power factor:               |           | ≥0.92           | ≥0.92           | ≥0.92                                                       | ≥0.92           | ≥0.92           |
| Lifespan:                   | hours     | >100,000        | >100,000        | >100,000                                                    | >100,000        | >100,000        |
| Lense / Beam angle options: | Degree    | 90              | 90              | 90                                                          | 90              | 90              |
| Warranty:                   | Years     | 7               | 7               | 7                                                           | 7               | 7               |
| Color temperature:          | Kelvin    |                 |                 | 3500K 4000K 4500K 5000K 5700K                               |                 |                 |
| Certification:              |           |                 |                 | DLC, UL, CUL, CE, ROHS, CCC                                 |                 |                 |
| DLC Primary Use Category:   |           |                 |                 | High-Bay Luminaires for Commercial and Industrial Buildings |                 |                 |
| Material:                   |           |                 |                 | Aluminum / Polycarbonate                                    |                 |                 |
| Options:                    |           |                 |                 |                                                             |                 |                 |
| Optional accesories         |           |                 |                 | Microwave motion sensor/Infrared sensor/Emergency unit      |                 |                 |
| Reflector Option:           |           |                 |                 | Polycarbonate / Aluminum                                    |                 |                 |
| Fixture Color:              |           |                 |                 | Off White / Brown / Black                                   |                 |                 |
| Mount Option:               |           |                 |                 | Hook / Surface / Pipe                                       |                 |                 |

## Features

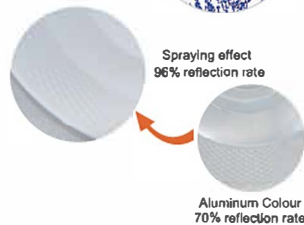
> Constant wind cooling from chimney effect



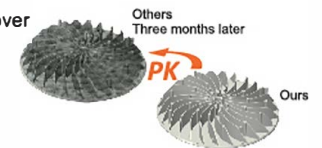
> No glare design  
Enlarged light emitting area



> Unique Fresnel Lens with nano coating technology



> Best heat dissipation design Dust-proof cover



> 0-10v dimming MEANWELL driver , energy-saving.

> 140lm/W, LG LED Chip (140W Equal to PHILIPS 200W)

Accessories are as follows:



Emergency Unit  
Brand : McWong



QTY :10  
Microwave motion sensor  
Brand: Merrytek  
Model: MC031V



Infrared Ray motion sensor  
Brand : IR-TEC  
Model : LOD-500

## Applications

Stadium, Workshop, Warehouse, Airport, Railway Station Supermarket, Etc.