

# Polaris™ High Bay

## HIGH INTENSITY LED LIGHTS



### PRODUCT INFORMATION



|                                     |   |
|-------------------------------------|---|
| <b>WEIGHT RANGE</b>                 | 1.4kg to 2.4kg                                    |
| <b>LIGHT SOURCE</b>                 | Nichia High Power LED                             |
| <b>HOUSING</b>                      | Ceramic Diode Seat with Polycarbonate Pixel Rails |
| <b>BRACKET MATERIAL</b>             | Carbon Steel                                      |
| <b>MOUNTING OPTIONS</b>             | Suspended (Standard 1 Hook) or Ceiling Mount      |
| <b>FRAME COLOUR</b>                 | Black, White, Silver                              |
| <b>CONTROL</b>                      | 0-10V, DALI                                       |
| <b>MECHANICAL IMPACT RESISTANCE</b> | IK10  |
| <b>IP RATING</b>                    | IP65  |
| <b>OPERATING TEMP</b>               | -20°C to 50°C                                     |

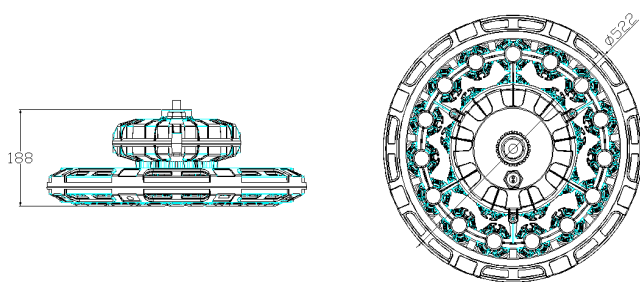
### TECHNICAL SPECIFICATIONS

|                          |  |
|--------------------------|--|
| <b>INPUT VOLTAGE</b>     | 90-305VAC, 50/60Hz   |
| <b>DIMMABLE OPTIONAL</b> | Yes, 0-10V or DALI   |
| <b>LIFESPAN</b>          | 50,000 hours to L70  |
| <b>POWER</b>             | 100W, 200W   |
| <b>BEAM ANGLE</b>        | 60°, 90°, 120°   |
| <b>LUMINOUS EFFICACY</b> | 120 lm/W   |
| <b>CCT</b>               | 5,000K Cool White*<br>4,000K Natural White<br>3,000K Warm White* |

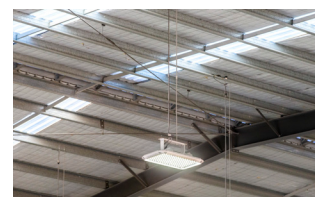
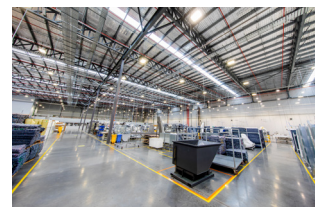
\* FIGURES REPRESENTED IN LUMEN OUTPUT TABLE BELOW AT 5,000K

\* MOQ'S APPLY FOR 3,000K PLEASE CONTACT EMPYREAN DIRECTLY

### SCHEMATIC OF HIGH BAY



### TYPICAL APPLICATIONS



| PRODUCT CODE   | POWER | OUTPUT* (LUMENS) | DIAMETER (MM) | INNER DIAMETER | DEPTH (MM) |
|----------------|-------|------------------|---------------|----------------|------------|
| Polaris-C-100W | 100W  | 10,000           | 522           | -              | 188        |
| Polaris-C-200W | 200W  | 20,000           | 600           | -              | 188        |