



## MHB

## MODULAR HIGH BAY / FLOOD LIGHT

PROJECT :

NOTE :

COMPANY NAME:

TYPE:

DATE:

CATALOG NUMBER:

ITEM CODE

WATT

CCT&CRI

BEAM ANGLE

VOLTAGE

OPTION

LM /W

### SPECIFICATION

**INDIVIDUAL BAR DESIGN FOR CASY MAINTENANCE AND REPLACEMENT**  
**SUITABLE FOR INDOOR / OUTDOOR APPLICATION**  
**3 DISTRIBUTION AVAILABLE 30° / 60° / 120°**  
**DIE CAST ALUMINIUM HOUSING**  
**POWDER COAT PAINT FINISH POLYESTER**  
**POLYCARBOANTE LENS SYMETRICAL DISTRIBUTION**  
**INGRESS PROTECTION IP65**  
**IMPACT RATING IK08**  
**CCT 4000K / 5000K**  
**CRI 70 / CRI 80**  
**130 LM/W STANDARD, 170LM/W OPTIONAL**  
**0/10V DIMMING OPTIONAL**  
**WATTAGE: 80W / 120W / 200W 240W / 320W /400W**  
**INPUT VOLTAGE: 120/277VAC; 347/480VAC, 60HZ**  
**WORKING TEMPERATURE: -40°C ~+50°C**  
**5 YEAR WARRANTY STANDARD**  
**10 YEAR WARRANTY OPTIONAL**

### FEATURES

#### CONSTRUCTION

- Die cast aluminium housing
- Die forge steel yoke
- Powder coat polyester paint finish
- IP65 construction
- IK08 impact rating
- Polycarbonate lens
- Driver isolated from light engine
- Modular light engine
- Ambient temperature -40°C~+50°C
- Suitable for wet location

#### MOUNTING

- Yoke for direct ceiling installation or suspension

#### ELECTRICAL

- 120/277V or 347V
- 0-10V dimming option
- PF> 0.9
- THD ≤ 20 %

#### COMPLIANCE

- ULc
- DLC
- FCC
- RHOS
- IESNA LM79&LM80



### MODELS

| Item Code         | Watts(W) | Lumens ( LM) | CCT           | LM/ W    | Voltage              |
|-------------------|----------|--------------|---------------|----------|----------------------|
| MHB-80W-XXK-XXXV  | 80       | 10400        | 4000K / 5000K | 130 LM/W | 120-277<br>Or<br>347 |
| MHB-120W-XXK-XXXV | 120      | 15600        | 4000K / 5000K |          |                      |
| MHB-200W-XXK-XXXV | 200      | 26000        | 4000K / 5000K |          |                      |
| MHB-240W-XXK-XXXV | 240      | 31200        | 4000K / 5000K |          |                      |
| MHB-320W-XXK-XXXV | 320      | 41600        | 4000K / 5000K |          |                      |
| MHB-400W-XXK-XXXV | 400      | 52000        | 4000K / 5000K |          |                      |

|                   |     |       |               |         |                      |
|-------------------|-----|-------|---------------|---------|----------------------|
| MHB-80W-XXK-XXXV  | 80  | 13600 | 4000K / 5000K | 170LM/W | 120-277<br>Or<br>347 |
| MHB-120W-XXK-XXXV | 120 | 20400 | 4000K / 5000K |         |                      |
| MHB-200W-XXK-XXXV | 200 | 34000 | 4000K / 5000K |         |                      |
| MHB-240W-XXK-XXXV | 240 | 40800 | 4000K / 5000K |         |                      |
| MHB-320W-XXK-XXXV | 320 | 54400 | 4000K / 5000K |         |                      |
| MHB-400W-XXK-XXXV | 400 | 68000 | 4000K / 5000K |         |                      |

### DIMENSION

| Watts(W) | Dimension ( D* H * L ) ( Inch) |
|----------|--------------------------------|
| 80       | 12 X 9 X 7                     |
| 120      | 12 X 12 X 8                    |
| 200      | 12 X 19 X 8                    |
| 240      | 12 X 22 X 8                    |
| 320      | 12 X 28 X 8                    |
| 400      | 12 X 35 X 8                    |

### OPTIONAL ( MUST BE SEPECIFIED)

| CCT&CRI |               |
|---------|---------------|
| 3070    | 3000K / CRI70 |
| 3080    | 3000K / CRI80 |
| 4070    | 4000K / CRI70 |
| 4080    | 4000K / CRI80 |
| 5070    | 5000K / CRI70 |
| 5080    | 5000K / CRI80 |

| Dimming Option |   |
|----------------|---|
| DIM            | 0/10V dimming include 3 ft cabtire 2 wire |

| Cord Option |                           |
|-------------|---------------------------|
| COR3        | 3 ft cabtire sow 3/18 AWG |

| Lumens Option |                     |
|---------------|---------------------|
| L             | 130 lumens per watt |
| H             | 170 lumens per watt |