

# MOBY P 2.1

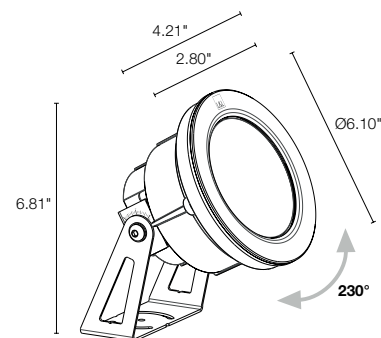
The Moby P series are surface mounted spotlights suitable for underwater applications ONLY which blend green and blue LED colors to create chromotherapy or scenographic effects. It is available in white, RGBW or shades of Cyan with 3 different sizes and wattages and 4 optics options.

## TECHNICAL DATA

|                           |                                                                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wattage / Input</b>    | 20W (24VDC)                                                                                                                                                       |
| <b>Power Supply</b>       | Remote, not included. See page 2.                                                                                                                                 |
| <b>Construction</b>       | Body: Thermally Conductive Plastic<br>Trim: Vitrified, Serigraphed Glass<br>Bracket: AISI 316L Stainless Steel<br>Lens: Tempered, Extra-Clear Glass (0.47" thick) |
| <b>CCT</b>                | 2700K, 3000K, 4000K, RGBW, Shades of Cyan                                                                                                                         |
| <b>CRI</b>                | CRI >80                                                                                                                                                           |
| <b>BUG Rating</b>         | B1-U0-G0 (3000K, 62°, 31°x64°)<br>B2-U0-G0 (3000K, 22°, 34°)                                                                                                      |
| <b>Delivered Lumens</b>   | 1078 lm (3000K, 34°);<br>RGBW: 626 lm (4000K, 34°) (R) 97 lm, (G) 184 lm, (B) 48 lm, (W) 297 lm<br>Cyan: 552 lm (34°)                                             |
| <b>Efficacy</b>           | 53.9 lm/W<br>RGBW: 31.3 lm/W<br>Cyan: 27.6 lm/W                                                                                                                   |
| <b>Optics</b>             | 4 Standard (see below)                                                                                                                                            |
| <b>Finishes</b>           | Glass                                                                                                                                                             |
| <b>Fixture Dimensions</b> | Ø6.10" x 4.21" l x 6.81" h                                                                                                                                        |
| <b>Fixture Weight</b>     | 4.45 lbs                                                                                                                                                          |
| <b>LED Source</b>         | 3 Power LED Group<br>RGBW: 3 Power LED RGBW Group<br>Cyan: 3 Power LED Cyan Group                                                                                 |
| <b>Lumen Maintenance</b>  | L90, B10 >50,000hrs (Ta 25°C)                                                                                                                                     |
| <b>Color Consistency</b>  | 2-Step MacAdam                                                                                                                                                    |
| <b>Operating Temp.</b>    | -4°F to +113°F                                                                                                                                                    |
| <b>IP Rating</b>          | IP68                                                                                                                                                              |
| <b>IK Rating</b>          | IK10                                                                                                                                                              |



Fixture Dimensions



**FOR UNDERWATER USE ONLY**  
**Max Submersion Depth 32.8'**

## ORDERING INFORMATION

*Example: MP21009WI. Accessories / Power Supplies ordered separately.*

|                  |                                                                                                          |                                                                          |                  |
|------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------|
| <b>MP2100</b>    |                                                                                                          |                                                                          | <b>V</b>         |
| <b>Model No.</b> | <b>CCT</b>                                                                                               | <b>Optics</b>                                                            | <b>Finish</b>    |
| <b>MP2100</b>    | <b>F</b> - 2700K<br><b>5</b> - 3000K<br><b>9</b> - 4000K<br><b>7</b> - RGBW<br><b>Y</b> - Shades of Cyan | <b>S</b> - 22°<br><b>M</b> - 34°<br><b>L</b> - 62°<br><b>W</b> - 31°x64° | <b>V</b> - Glass |

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

STATIC WHITE - 24VDC (FOR USE WITH FOUNTAIN / WATER FEATURES)

| Part Number                   | Description                          | Input/Output                                      | # of Fixtures |
|-------------------------------|--------------------------------------|---------------------------------------------------|---------------|
| <a href="#">FPV-100000024</a> | Non-Dim                              | 120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X | 1-4           |
| <a href="#">FPV-100100024</a> | 0-10V Dimming to 1.0%                | 120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X | 1-4           |
| <a href="#">FPV-100EL0024</a> | DMX / RDM (Field Addressable) / DALI | 120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X | 1-4           |

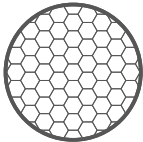
RGBW / CYAN - 24VDC (FOR USE WITH FOUNTAIN / WATER FEATURES)

| Part Number                   | Description                          | Input/Output              | # of Fixtures |
|-------------------------------|--------------------------------------|---------------------------|---------------|
| <a href="#">FPV-100EL0024</a> | DMX / RDM (Field Addressable) / DALI | 120-277VAC to 24VDC, 100W | 1 - 4         |

For other power supply options consult factory.

## ACCESSORIES

### Anti-Glare



#### WH0402

Honeycomb Louvre

\*Order together with lighting fixture

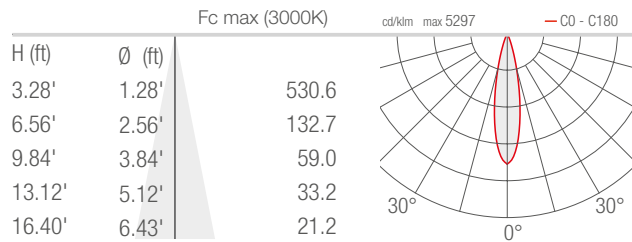
Job Name/Date:

Fixture Type Designation:

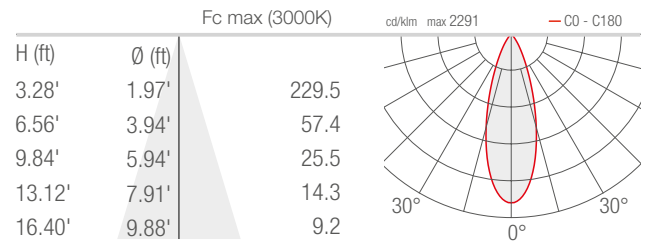
## PHOTOMETRIC DATA

Note all photometry in 3000K, CRI 80

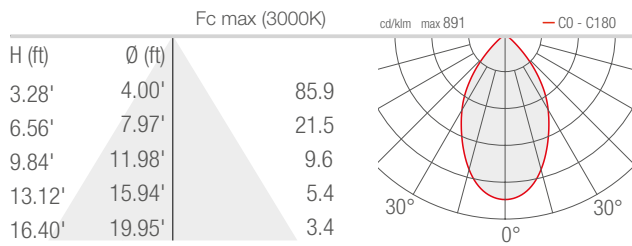
### S - 22°



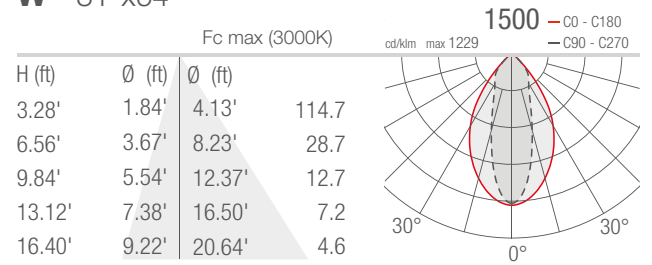
### M - 34°



### L - 62°



### W - 31°x64°



Job Name/Date:

Fixture Type Designation: