# MOON MARINE
Static White

GRIVEN

## DESCRIPTION

**MOON MARINE** is an advanced LED luminaire designed to enhance landscape and architectural features located near coastal regions. This adaptable luminaire provides decorative and functional lighting with smart color management. Corrosion resistant stainless steel or brass materials ensure the longevity of the luminaire even in harsh, salt water areas. Six optical options are available ranging from Ultra-Spot to Elliptical beam spreads. Use of an external power supply enables easy management of multiple units. Electropolishing and clear coating are available on request.

*Stainless Steel 3000K*

*Brass 4000K*

Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

## ORDERING INFORMATION

**LUMINAIRE**

| MODEL | MATERIAL | CCT | CONTROL | VOLTAGE | OPTIC | OPTION |
|---|---|---|---|---|---|---|
| **MOON-MR**<br>Moon Marine | **SS**<br>Stainless Steel | **27K**<br>2700K | **DIM**<br>0-10v Dimming | **UNV**<br>120 - 277V | **US**<br>Ultra-Spot 7° | **LVR**<br>Internal Honeycomb Louver |
| | **BR**<br>Brass | **30K**<br>3000K | | | **NB**<br>Narrow 19° | **ELP**<br>Electropolishing[1] |
| | | **40K**<br>4000K | | | **MB**<br>Medium 25° | **CLR**<br>Clear Coat Finish[2] |
| | | | | | **WB**<br>Wide 35° | [1]Electropolishing is only available on stainless steel versions. |
| | | | | | **EW**<br>Extra-Wide 50° | [2]Clear coating is only available on brass versions. |
| | | | | | **ELH**<br>Elliptical 65° x 23° | |

Consult factory for availability of custom options. Factory assistance is available via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.

See Page 4 for ordering information of available remote power supplies.


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| | | MOON MARINE | |
|---|---|---|---|
| PHYSICAL | HOUSING | Stainless Steel | Brass |
| | LENS | Tempered Glass | |
| | DRIVER | Remote (Sold Seperately) | |
| | DIMENSIONS | ø2.36" x 1.97" x 2.6" x 4.96" | |
| | WEIGHT | 2 Pounds | |
| | OPERATING TEMPERATURE | -40°F to 104°F (-40°C to 40°C) | |

| | | | |
|---|---|---|---|
| ELECTRICAL | POWER | Narrow, Medium, Wide, Extra-Wide, Elliptical | Ultra-Spot |
| | | 8 Watts | 2.7 Watts |
| | CURRENT | 0.07 amps at 120 volts<br>0.03 amps at 277 volts | 0.02 amps at 120 volts<br>0.009 amps at 277 volts |
| | CONTROL | 0-10v Dimming with Remote Power Supply | |
| | CABLE | Power In | |
| | CABLE LENGTH | 39.3" | |

| | | | | |
|---|---|---|---|---|
| PHOTOMETRIC | LED | 2700K | 3000K | 4000K |
| | DELIVERED LUMEN OUTPUT | up to 878 lumens | up to 892 lumens | up to 959 lumens |
| | EFFICACY | up to 110 lumens per watt | up to 112 lumens per watt | up to 120 lumens per watt |
| | LUMEN MAINTENANCE | L90 > 60,000 Hours at 77°F* | | |

| LIGHT DISTRIBUTIONS | CCT | DATA | DISTRIBUTION / BEAM ANGLE | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Ultra-Spot | Narrow | Medium | Wide | Extra-Wide | Elliptical |
| | | | 7° | 19° | 25° | 35° | 50° | 65° x 23° |
| | 2700K | LUMENS | 173 | 878 | 874 | 779 | 777 | 817 |
| | | EFFICACY | 64 | 110 | 109 | 97 | 97 | 102 |
| | | MAX. CANDELA | 5621 | 6602 | 3785 | 1889 | 1146 | 1557 |
| | 3000K | LUMENS | 225 | 892 | 888 | 791 | 789 | 830 |
| | | EFFICACY | 83 | 112 | 111 | 99 | 99 | 104 |
| | | MAX. CANDELA | 7330 | 6709 | 3828 | 1918 | 1159 | 1581 |
| | 4000K | LUMENS | 186 | 959 | 955 | 851 | 848 | 892 |
| | | EFFICACY | 69 | 120 | 119 | 106 | 106 | 112 |
| Values based on full output. | | MAX. CANDELA | 6043 | 7213 | 4129 | 2067 | 1251 | 1700 |

| | | |
|---|---|---|
| CERTIFICATIONS | SAFETY | ETL Certified for Wet Locations |
| | INGRESS PROTECTION | IP67 |
| | IMPACT RATING | IK08 |
| | WARRANTY | Five Year Limited Warranty |

* LED life may vary under actual field conditions due to external factors. Lifetime estimates are generated from actual testing in a controlled environment. Values are conservatively derived from those numbers.


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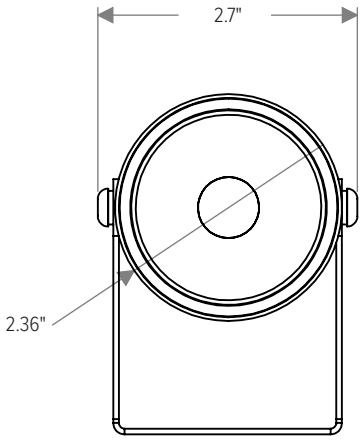
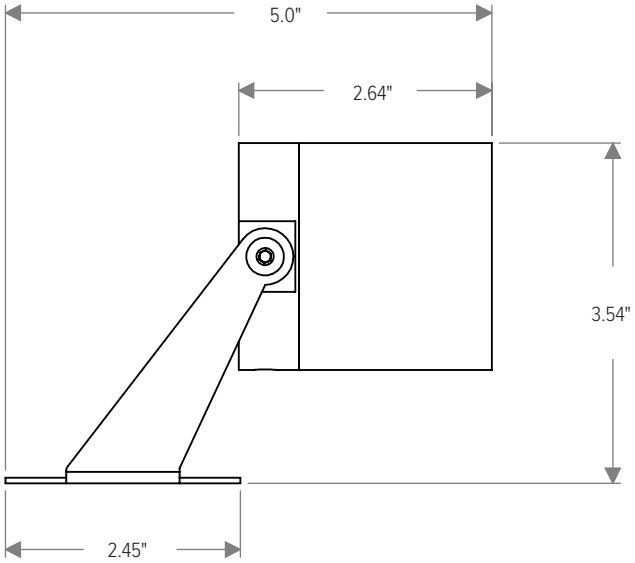
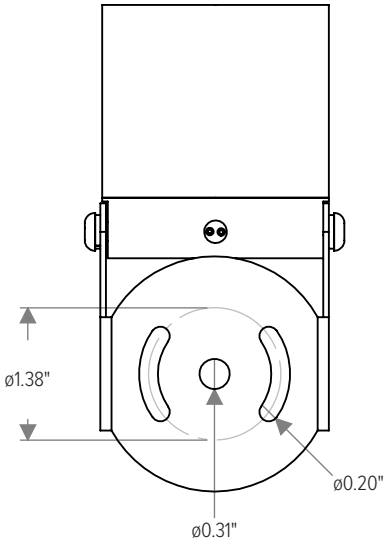
## DIMENSIONS

All dimensions are shown in inches unless otherwise noted.





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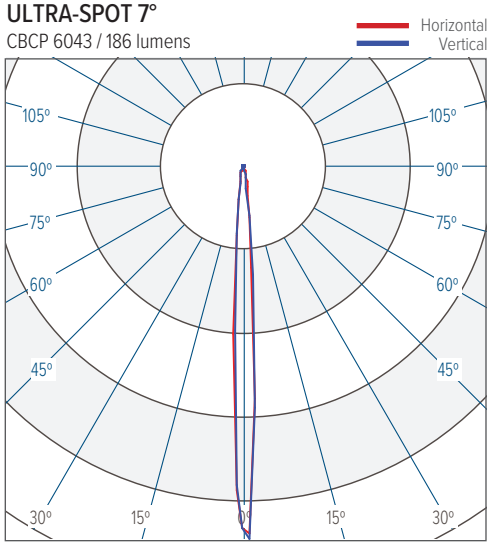
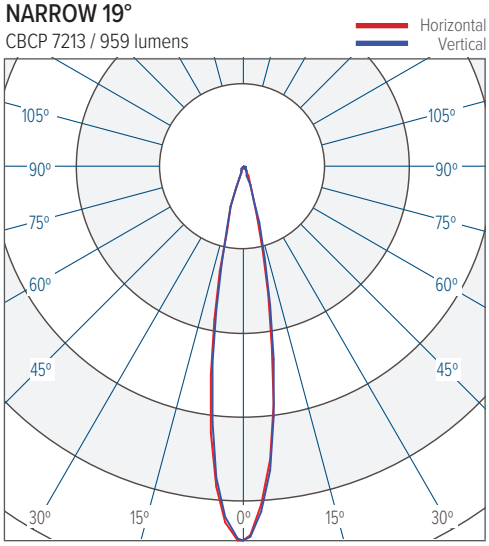
## PHOTOMETRICS

NOTE: Values shown below reflect 4000K CCT. For 2700K, apply a 0.92 prorate factor. For 3000K, apply a 0.93 prorate factor.

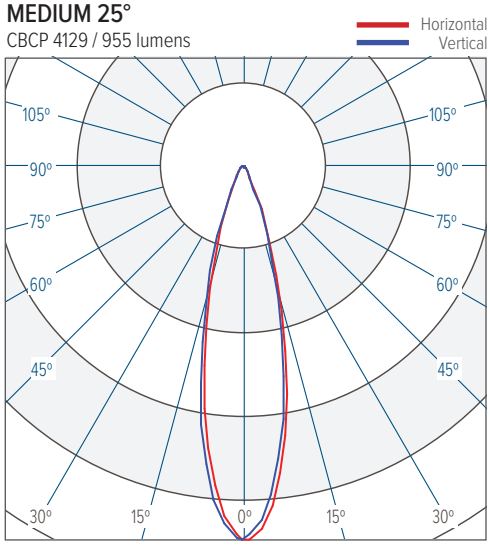
### ULTRA-SPOT 7°
CBCP 6043 / 186 lumens



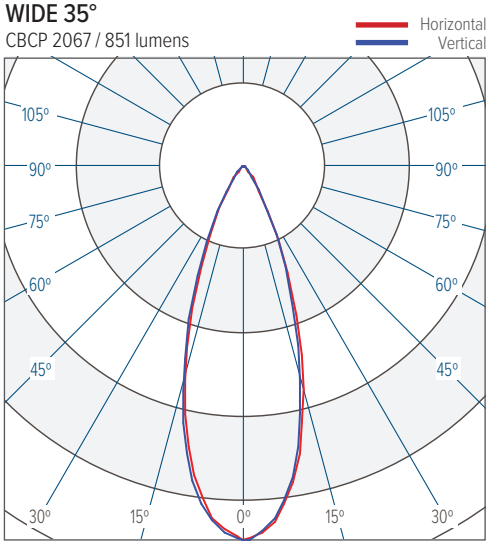

### NARROW 19°
CBCP 7213 / 959 lumens



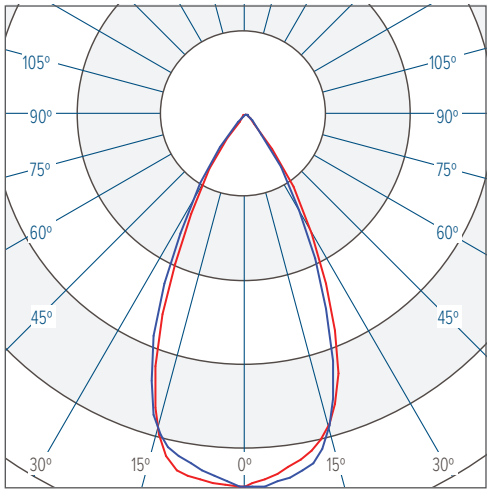

### MEDIUM 25°
CBCP 4129 / 955 lumens



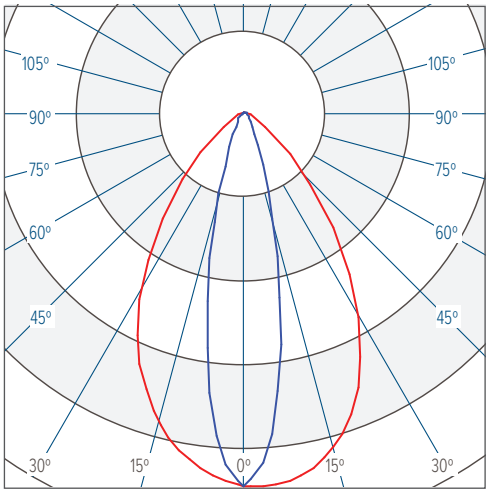

### WIDE 35°
CBCP 2067 / 851 lumens




### EXTRA-WIDE 50°
CBCP 1251 / 848 lumens




### ELLIPTICAL HORIZONTAL 65° x 23°
CBCP 1700 / 892 lumens



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