

## DESCRIPTION

Coronado 812 is a compact line voltage fixture for use with PAR38 halogen lamps. The fully adjustable mounting stem provides 340° tilt and 360° rotation for easy aiming. Various lenses, louvers and color or dichroic filters can be combined - up to three at once - to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

Catalog #		Type
Project		
Comments		Date
Prepared by		

## SPECIFICATION FEATURES

### A ... Material

Hood and mounting stem are precision-machined from corrosion-resistant 6061-T6 aluminum billet. Housing is die-cast aluminum.

### B ... Finish

Fixtures are double protected by a chromate conversion undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. A variety of standard colors are available.

### C ... Hood

Hood is removable for easy relamping and accepts up to three internal accessories at once (lenses, louvers, filters) to achieve multiple lighting effects. The flush lens design sheds water and minimizes debris collection.

### D ... Gasket

Housing and hood are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

### E ... Lens

Tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock.

### F ... Mounting Stem

Adjustable side-mounted swivel stem provides 340° tilt and 360° rotation for easy aiming. Equipped with standard 1/2" NPS threaded male fitting. Stainless steel aim-locking mechanisms are standard. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### G ... Hardware

Stainless steel hardware is standard to provide maximum corrosion-resistance.

### H ... Socket

Ceramic socket with 200° C Teflon® coated lead wires and medium base.

### I ... Electrical

Operates with 120V line voltage.

### J ... Lamp

Not included. Available from Lumière as an accessory - see reverse side of this page.

### K ... Labels & Approvals

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### L ... Warranty

Lumière warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.



## CORONADO

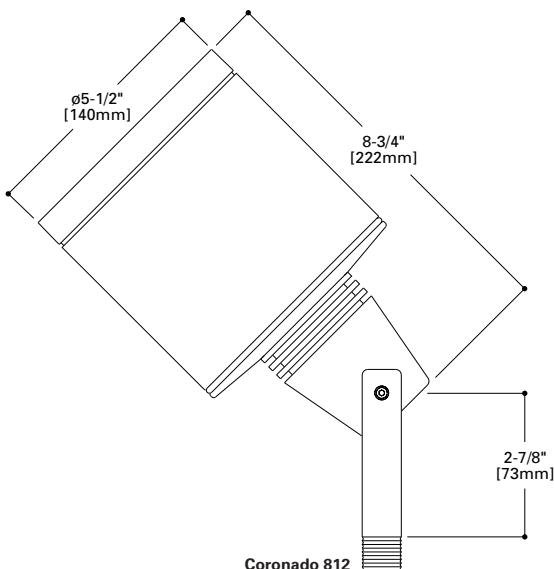
# 812

**250W (max.) PAR38**

Halogen  
Line Voltage

Accent/Flood

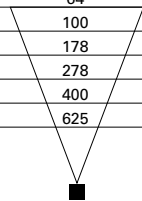
**IP65**



**Coronado 812**  
Lamp=250PAR38/SP  
CBCP=40,000

**Cone of Light**

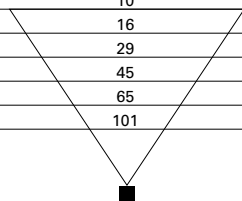
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
25'0"	64	6'0"
20'0"	100	5'0"
15'0"	178	3'6"
12'0"	278	3'0"
10'0"	400	2'6"
8'0"	625	2'0"



**Coronado 812**  
Lamp=250PAR38/FL  
CBCP=8000

**Cone of Light**

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
25'0"	10	21'0"
20'0"	16	16'6"
15'0"	29	12'6"
12'0"	45	10'0"
10'0"	65	8'6"
8'0"	101	6'6"



**LAMP INFORMATION**

Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
250PAR38/SP	---	250	11°	40,000	2880	4200	medium	120
250PAR38/FL	---	250	30°	8000	2880	4200	medium	120

NOTE: Inferior quality lamps may adversely affect the performance of this product. Use only name brand lamps from reputable lamp manufacturers.

**NOTES AND FORMULAS**

- Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
- Footcandle values are initial. Apply appropriate light loss factors where necessary.
- Bare lamp data shown. Consult lamp manufacturers to obtain detailed specifications for their lamps.

**ORDERING INFORMATION**

<p><b>Series</b> 812=PAR38 Coronado w/Side Mounted Swivel Stem</p> <p><b>Source</b> <u>Halogen</u> 250PAR38=250W Max Halogen PAR38, Medium Base</p>	<p><b>Voltage</b> 120=120V</p> <p><b>Finish</b> <u>Painted</u> BK=Black BZ=Bronze CS=City Silver VE=Verde WT= White</p>	<p><b>Accessories</b></p> <p><b>Filters</b> F71-38=Peach Dichroic Filter, 4.95" Dia F73-38=Green Dichroic Filter, 4.95" Dia F75-38=Yellow Dichroic Filter, 4.95" Dia F77-38=Dark Blue Dichroic Filter, 4.95" Dia F79-38=Neutral Density Dichroic Filter, 4.95" Dia F22-38=Red Color Filter, 4.95" Dia F44-38=Green Color Filter, 4.95" Dia F66-38= Mercury Vapor Color Filter, 4.95" Dia</p> <p><b>Optical Lenses</b> LSL-38: Linear Spread Lens (elongate standard beam spread), 4.95" Dia DIF-38: Diffused Lens (provide even illumination), 4.95" Dia</p> <p><b>Optical Louver</b> LVR-38: Hex Cell Louver (reduce glare), 4.95" Dia</p> <p><b>Lamps</b> HP38150-SP: 150W PAR38 Halogen Spot, Medium Base HP38250-SP: 250W PAR38 Halogen Spot, Medium Base</p> <p>F72-38=Amber Dichroic Filter, 4.95" Dia F74-38=Medium Blue Dichroic Filter, 4.95" Dia F76-38=Red Dichroic Filter, 4.95" Dia F78-38=Light Blue Dichroic Filter, 4.95" Dia F80-38=Magenta Dichroic Filter, 4.95" Dia F33-38=Blue Color Filter, 4.95" Dia F55-38=Yellow Color Filter, 4.95" Dia</p> <p>OSL-38: Overall Spread Lens (increase beam spread), 4.95" Dia</p>
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**Notes:**

- \* Lamp not included.
- \* See ACCESSORIES & TECHNICAL DATA section of the Lumière catalog for Mounting Accessories.
- \* Consult your Cooper Lighting Solutions representative for additional options and finishes.