

# IP65 RATING

## WHAT YOU NEED TO KNOW

IP Ratings are used to classify the effectiveness of electrical enclosures in protecting the contained equipment from exposure to liquids and solids, including dirt, oil and water. IP stands for "Ingress Protection", while the subsequent two digits are ranked based on the product's ability to protect against solids and liquids.



### Anti-corrosion

Ayrton IP65 fixtures are all marine-grade coated and are tested to C5-M anti-corrosion standards.



### Low maintenance cycle

Ayrton IP65 fixtures require less maintenance than non-IP versions. Fewer maintenance interventions increases utilisation and ROI.

### Extreme Environment Protection

Our fixtures are designed to operate in harsh environments.



SNOW



MARINE



SAND



FESTIVAL



### Gore® Vent Screw-In

allows the fixture to breathe, equalizing pressure and reducing condensation while filtering out liquids and other contaminants. The result: greater product performance, increased durability, higher reliability and peace of mind.



### ColdProtect-65™ Mode

allows IP65+ luminaires to be used outdoors at temperatures reaching -20° C (-4° F). Moving-head fixtures intended for outdoor use are equipped with a standard sensor that allows measurement of the temperature in real time and adjustment of the internal temperature.



### SunProtect-65™ Mode

protects the interior of IP65 luminaires from the sun's rays regardless of their installation position. When the control signal is interrupted, the luminaire's light output is automatically oriented towards the ground to avoid damage.







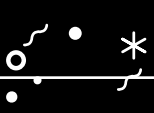
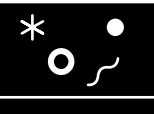
### Jet Wash

Ayrton IP65 fixtures can simply be rinsed down with water, dried and sent straight back out the door.

Optionally, all Ayrton IP65 fixtures can be ordered in IP66 Versions.

# IP RATINGS QUICK GUIDE

## SOLIDS

<b>0</b>	Non protected.	
<b>1</b>	Protected against a solid object greater than 50mm, such as a hand.	
<b>2</b>	Protected against a solid object greater than 12mm, such as a finger.	
<b>3</b>	Protected against a solid object greater than 2.5mm, such as a screwdriver.	
<b>4</b>	Protected against a solid object greater than 1mm, such as a screw or wire.	
<b>5</b>	Dust protected. Prevents ingress of dust sufficient to cause harm.	
<b>6</b>	Dust tight. No ingress of dust.	









### IP Rating Example

I P

6

5

## WATER

<b>0</b>	Non protected.	
<b>1</b>	Protected against water drops.	
<b>2</b>	Protected against water drops at 15° angle.	
<b>3</b>	Protected against water spray at 60° angle.	
<b>4</b>	Protected against water splashing from any angle.	
<b>5</b>	Protected against water jets from any angle.	
<b>6</b>	Protected against powerful water jets from any angle.	
<b>7</b>	Protected against the effects of temporary submersion in water between 15 cm and 1 m for 30 minutes.	
<b>8</b>	Protected against the effects of permanent submersion in water for long periods.	
<b>9</b>	Protected against powerful, high-temperature water jets.	