

Digit	Meaning
0	No protection... keep your fixture inside or 'ZAP'. No testing required.
1	Dripping Water: Vertically dripping water shall have no harmful effect when the fixture is in it's normal position (Right-side-up)... a fixture with this rating may be safe under cover, if there are only tiny leaks, and no wind to blow the water off axis, and the fixture is perfectly horizontal. Really, don't put it outside. This won't even protect it from a spilled drink... maybe light humidity, but not much else. Test duration: 10 minutes Water equivalent to 1mm/0.04" rainfall per minute.
2	Dripping Water: When tilted up to 15° Vertically dripping water shall have no harmful effect when the fixture is off-axis up to 15° from its normal position (in any direction)... should be safe under cover (away from the edge), as long as the unit is relatively flat, and unless water splashes on it from the side or below, in which case it may fry. I still wouldn't put it outside, unless I wanted to buy a new one, but it stands a slightly better chance of survival if your uncle Merle spills his cocktail on it... Test duration: 2.5 minutes for every degree of tilt. Water equivalent to 3mm/0.12" rainfall per minute.
3	Spraying Water: Water falling as a spray from up to 60° from vertical shall have no harmful effect... I'd feel comfortable using temporarily outside, in good weather, but sprinklers may still kill it, so I wouldn't leave it out overnight, or in a heavy rain, it's still not 100% Merle-proof. 2 options, Spray nozzle, or Oscillating tube. Spray Nozzle: Duration of 1 min per square meter for at least 5 minutes. Water Volume: 10 Liters per minute Pressure: 50-150kPa / 7.25-21.75 psi Oscillating Tube: Duration: 10 minutes Water Volume: 0.07 liters per minute or 0.02 gallons per minute
4	Splashing Water: Water splashing against the enclosure from any direction shall have no harmful effect... This is relatively Merle-proof. He would really have to be trying to get his martini into your fixture to cause a problem. This product is probably safe to use outside, and will survive if it starts to rain. You still don't want to leave it sitting in a puddle, but you don't have to freak out if the sprinklers come on. Don't get cocky, I still wouldn't leave it installed for more than a day or 2. Same as the Spray Nozzle above, except from all angles.
5	Water Jets: Water projected by a jet nozzle (6.3mm or ~0.25") against the unit from any direction shall have no harmful effects... From this rating on up you don't have to worry about splashes or spills. This unit would probably be considered good for uncovered seasonal outdoor use in a temperate environment... meaning, I'd feel comfortable putting these on a summerstock rig in an amphitheater, or on an outdoor show that runs for under 3 months... but after 2 or 3 months I'd want to get the units into the shop for a good once-over to make sure they're ok, since the testing to acquire this rating is only a few minutes long. If they are installed under cover (like in an outdoor pavilion), I'd feel comfortable checking them less often. This is the minimum rating for any fixture that you'd want to use on a tour with outdoor venues. Duration: 1min per square meter for at least 3 minutes, Water Volume: 12.5 liters/3.3 gallons per minute Pressure: 30 kpa/4.35 psi from a distance of 3m/~10'
6	Powerful Water Jets: Water projected in powerful jet nozzle (12.5mm or ~0.5") against the fixture from any direction shall have no harmful effects... This unit can take a little harsher environment. The sheer volume of water, and the pressure that hit the fixture during testing makes you realize that this is a bit more robust than the 5 rating. It can probably take a few heavy rainstorms before needing to be checked. It still isn't rated to sit in standing water, but it could definitely be installed outside on a truss in a temperate environment. I might use this fixture in a car wash! BUT, it is only tested for as short as 3 minutes. For that reason, it would be reasonable to say that a fixture with this rating may still be considered "seasonal". Duration: 1 min. per square meter for at least 3 minutes
7	Immersion (up to 1m / 3.25' depth): Ingress of water in harmful quantity shall not be possible when the unit is immersed in water up to 1m / 3' for 30 minutes... So, yeah, this can sit in shallow water for a half hour, without taking on much water... but a little may trickle in. Application wise, I'd consider this safe for year-round outdoor use. However, you'd still want to have access to these fixtures, to be able to check that the small quantity of water that is allowed to get into these fixtures doesn't cause any issues. This is especially true if you live where it snows... freezing water can be extremely destructive, and squeeze your fixtures, causing more pathways for water to get inside. This would not be caught in regular IP testing. Duration: 30 minutes Depth: The lowest point of the enclosure shall be 1m/3.25' below the surface of the water, or the highest point 150mm/5.9" below the surface, whichever is deeper. Water Volume: 100 liters/26.4 gallons per minute Pressure: 100 kpa/14.5 psi from a distance of 3m/~10'
8	Immersion (1 m or more depth): The equipment is suitable for continuous immersion in water under conditions which shall be specified by the manufacturer. However, with certain types of equipment, it can mean that water can enter but only in such a manner that it produces no harmful effects. The test depth and/or duration is expected to be greater than the requirements for IPx7.