

Client:

Project:

Type:

Order Code:

Quantity:

Aqua Drum is a series of high output, submersible, LED flood fixtures. It features an all stainless steel construction, included in-grade housing mounting option, and is submersible up to 20' (6M). Available in multiple color temperatures of white and color changing versions, it is ideal for outdoor facade wash, fountains, ponds, and landscape applications.

SPECIFICATIONS

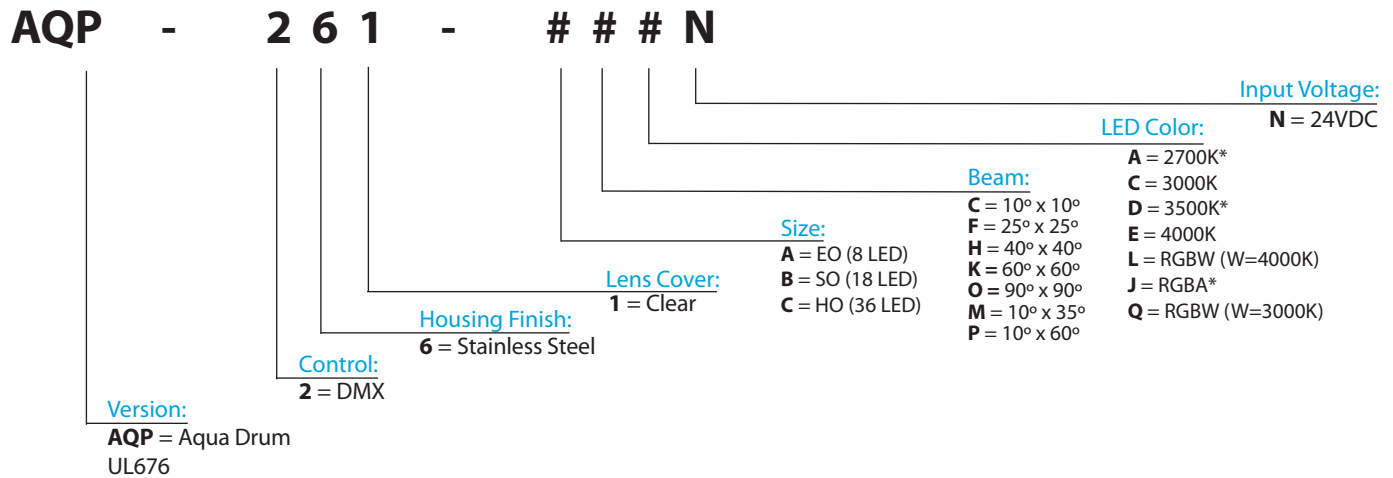
Colors	2700K, 3000K, 3500K, 4000K, RGBW (W=3000K), RGBW (W=4000K), RGBA
Beam Angles	10° x 10°, 25° x 25°, 40° x 40°, 60° x 60°, 90° x 90°, 10° x 60°, 10° x 35°
Photometrics	4000K 10° - EO: 700 lm / SO: 1600 lm / HO: 3259 lm
Fixture Sizes	EO (8 LED), SO (18 LED), HO (36 LED)
Control	DMX via Aqua Driver 150, 0-10V via external UDM
Max Fixtures per Aqua Driver 150	EO & SO: 4 fixtures at 350mA / HO: 4 fixtures at 700mA
Power Consumption	EO: 8W / SO: 18W / HO: 36W
Operating Voltage	24VDC, constant current
Lumen Maintenance	L70 @ 150,000 hours (25° C)
Mounting	0.47" (11mm) mounting holes on mounting bracket
Finish	Silver / stainless steel, marine environment ready
Material	316 marine grade stainless steel housing, sealed glass top
Ambient Operating Temperature	-40° F to 122° F (-40° C to 50° C)
IP Rating	IP68, Wet or Dry location, submersible up to 20' (6M)
IK Rating	IK08, protection against 5 joule impact, walk over rated
Fixture Connectors	98.4' (30m) cable included, attached 8 pin terminal blocks
Warranty	5 Years, limited
Weight	EO: 4 lbs (1.8kg) / SO: 6.6 lbs (3kg) / HO: 8 lbs (3.6kg)
Dimensions	See page 4

Certifications



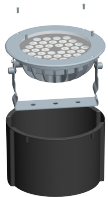
ORDER CODES

* indicates special order



RELATED COMPONENTS

Mounting Accessories



AQP-IGH-EO

In-grade housing for Aqua Drum EO
Includes sleeve, trim ring, and screws

AQP-IGH-SO

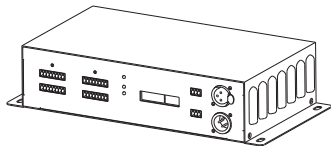
In-grade housing for Aqua Drum SO
Includes sleeve, trim ring, and screws

AQP-IGH-HO

In-grade housing for Aqua Drum HO
Includes sleeve, trim ring, and screws

RELATED COMPONENTS

Remote Driver / Power Supply



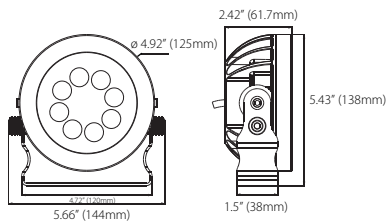
ADR157

Aqua Driver 150

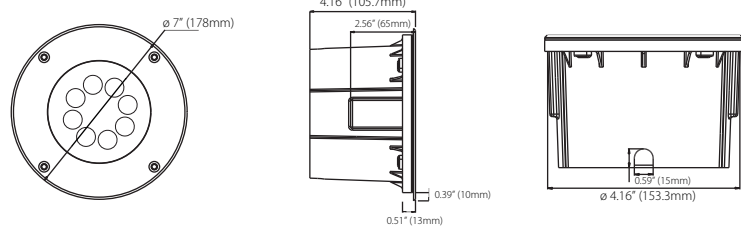
100-277V Input, 24VDC + PWM Output
Powers up to 4 Aqua Drum EO, SO or HO units

DIMENSIONS

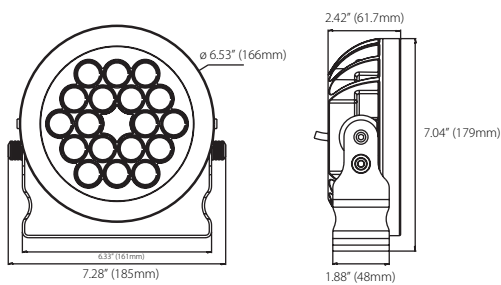
Aqua Drum EO



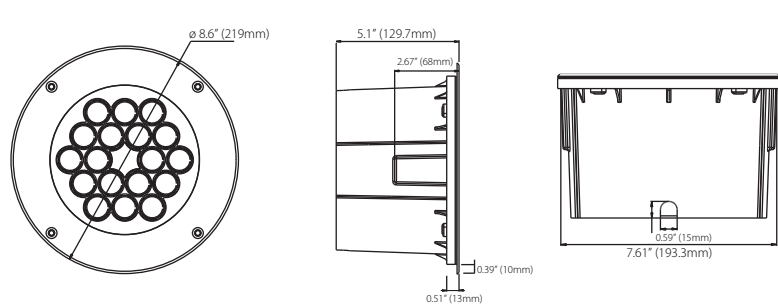
Aqua Drum EO with in-grade sleeve



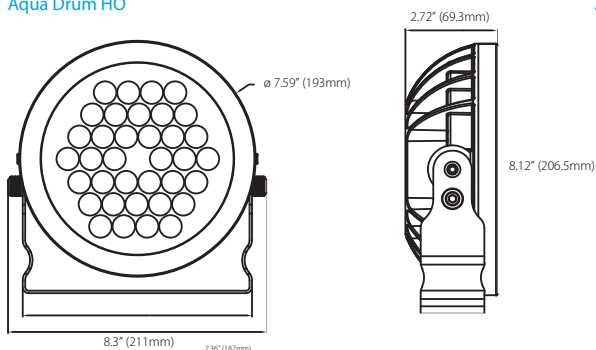
Aqua Drum SO



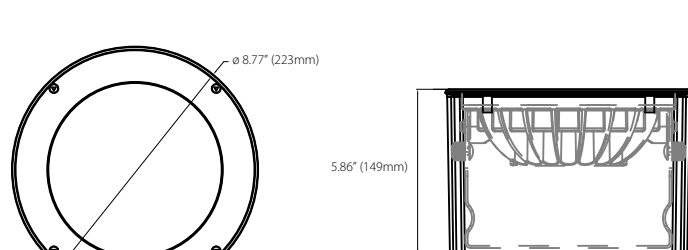
Aqua Drum SO with in-grade sleeve



Aqua Drum HO



Aqua Drum HO with in-grade sleeve



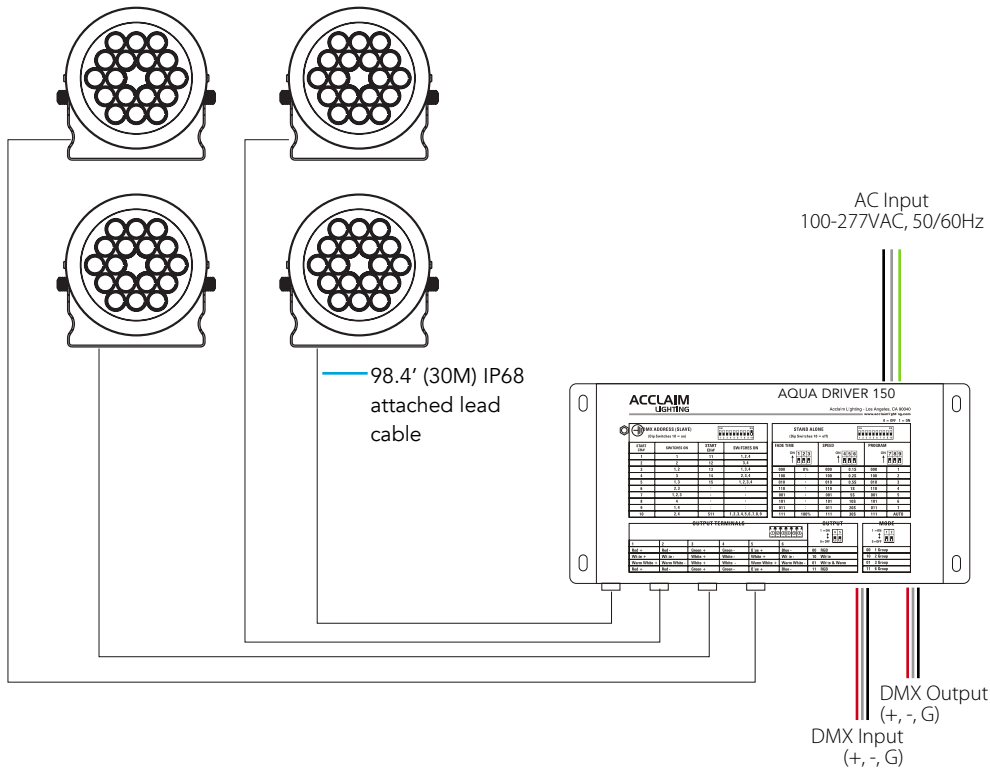
WIRING



Ensure proper current selection on the driver:
See chart to the right
Do not mix 350mA and 700mA units on the same driver

Maximum fixtures per Aqua Driver:

- Aqua Drum EO : 4 units, 350mA
- Aqua Drum SO : 4 units, 350mA
- Aqua Drum HO : 4 units, 700mA



PHOTOMETRICS

Size / Color Temp	Lumens	Center Candela	Efficacy (l/pw)	CRI (Ra)	CRI (r9)
EO, 2700K	668	8006	41	81.5	-
SO, 3500K	1568	20055	64	82.7	-
HO, 4000K	3259	41849	73	80.8	-
EO, RGBW	424	6502	27	-	-