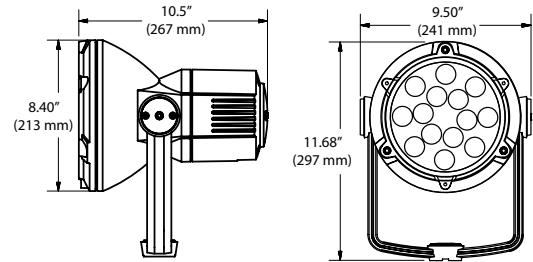




Specifications

EPA:	0.7 ft ² 0.065 m ²
Length:	10.5" 267 mm
Width:	9.50" 241 mm
Height:	11.68" 297 mm
Height ² :	8.40" 213 mm
Weight:	15 lbs

DIMENSIONS



TPS1 SERIES
Yoke Mount
RGBW LED Floodlight

HIGHLIGHTS

- "Taper Lock" Yoke infinitely adjust from 0 degrees to 90 degrees for precise aiming
- Copper Free aluminum housing to meet the most demanding lighting environments
- Integral photo cell option with protective aluminum housing
- DMX control/RDM



IP66



LUMEN PACKAGES

	NSP	MFL	FL	WFL	HSP	HFL
Delivered Lumens	1890	1279	1809	1162	2054	2318
Watts	22	22	22	22	22	22
LPW	86	58	82	53	93	105

Note: Information based on all colors full on

ORDERING INFORMATION

EXAMPLE: TPS1 18LED RGBW MVOLT NSP YM RDM BL

Series*	Lamp type*	Color*	Voltage*	Distribution*	Mounting*	Mounting Accessories
TPS1	18LED	RGBW 40K White (80CRI)	MVOLT (120-277 volt)	NSP Narrow Spot MFL Medium Flood FL Flood WFL Wide Flood HSP Horizontal Spot HFL Horizontal Flood	YM Yoke Mount	EWM_ Ext. Wall Mt available 12"-48" in 6" increments PAR_/_ Pole Arm Round 4", 5", or 6" Pole 12", 18", or 24" length (i.e. PAR5/18) PAS_/_ Pole Arm Square 4", 5", or 6" Pole 12", 18", or 24" length (i.e. PAS4/24) PATR_/_ ¹ 1 Pole Arm Twin Round 4", 5", or 6" Pole 12", 18", or 24" length (i.e. PATR6/12) PATS_/_ ¹ 1 Pole Arm Twin Square 4", 5", or 6" Pole 12", 18", or 24" length (i.e. PATS6/12)
Mounting Accessories (Cont'd)			Control*	Accessories		Finish*
PMT ¹	Pole Mount Tee		RDM Remote device management	Internal	BL Black	WH White
PMSA	Pole Mt Splice Access.			IHL Internal Honeycomb Louver	BZ Bronze	CF Custom
SMSA_	Stanchion Mt Splice Access available 12"-48" in 6" increments		RDM = Field discoverable and field programmable DMX	External	DDB Dark Bronze	_Z ⁴ Zinc Undercoat (i.e. BLZ)
SMT12/24'	Stanchion Mt Tee, 12" height			GS Glare Shield	DNA Natural Aluminum	RALTB RAL Paint Finishes
SMT18/24'	Stanchion Mt Tee, 18" height			FGS Full Glare Shield	GN Green	Note: RALTB for pricing only, replace with applicable RAL call out when ready to order. See the RALBROCHURE for available options. It is recommended only use textures paint for Hydrel fixtures.
SMT24/24'	Stanchion Mt Tee, 24" height			Note: External options are mutually exclusive, choose one.	GR Gray	
					SND Sand	
					STG Steel Gray	
					TVG Terra Verde Green	

* Required Field

Notes:

- Requires two fixtures per mounting.
- Add Zinc undercoat for harsh environments.

ELECTRICAL LOAD

Light Engines	Drive Current (mA)	System Watts	Current (A)			
			120	208	240	277
18LED	450mA	22	0.18	0.11	0.09	0.08

PERFORMANCE DATA

LUMEN OUTPUT 2' FIXTURE

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

	Distribution	NEMA TYPE	Beam Angle (50%) H x V	Field Angle (10%) H x V	Watts	LPW	Delivered Lumens
All colors full on	NSP	2 x 2	8 x 8	20 x 20	22	86	1890
	MFL	3 x 3	21 x 21	39 x 39	22	58	1279
	FL	5 x 5	73 x 47	94 x 79	22	82	1809
	WFL	6 x 6	100 x 100	125 x 125	22	53	1162
	HSP	3 x 2	26 x 10	40 x 23	22	93	2054
	HFL	2 x 4	10 x 38	22 x 54	22	105	2318

EXTERNAL ACCESSORIES



FGS — Full Glare Shield
Formed aluminum with
A360 die-cast mounting
ring, field installable.



GS — Glare Shield
Formed aluminum with
A360 die-cast mounting
ring, field installable.

TAKE CONTROL

Hydrel lighting solutions bring ease of use, innovation, and next-generation control features to commercial, underwater, and architectural outdoor applications. We offer a dedicated team of specification engineers to take you through lighting design, the specification process, to the installation of our fixtures. We simplify the complex and help you create the right layer of light for any outdoor lighting environment. Find the right architectural outdoor fixture, controls, and network connectivity with Hydrel Lighting Solutions.

RECOMMENDED CONTROLLERS

Easyl DMX touchscreen

<http://www.acuitybrands.com/products/detail/210270/Fresco/Easyl/Easyl-DMX512A-Show-Controller>



Easyl™ Solo: Is a standalone entry-level controller enabling show creation and playback directly at the LCD touchscreen.

Easyl™ Touch: features an astronomic time clock for automating shows and expands the controller's features by accepting inputs from remote button stations, and button station contact closure inputs.

Easyl™ Pro: is further enhanced by using Easyl Studio™ computer software to create multi-zone shows, and Easyl Pro features a 20 hour DMX512 capture from a theatrical console.

Fresco

<http://www.acuitybrands.com/products/detail/223381/Fresco/Fresco-Touchscreen-Lighting-Controllers>

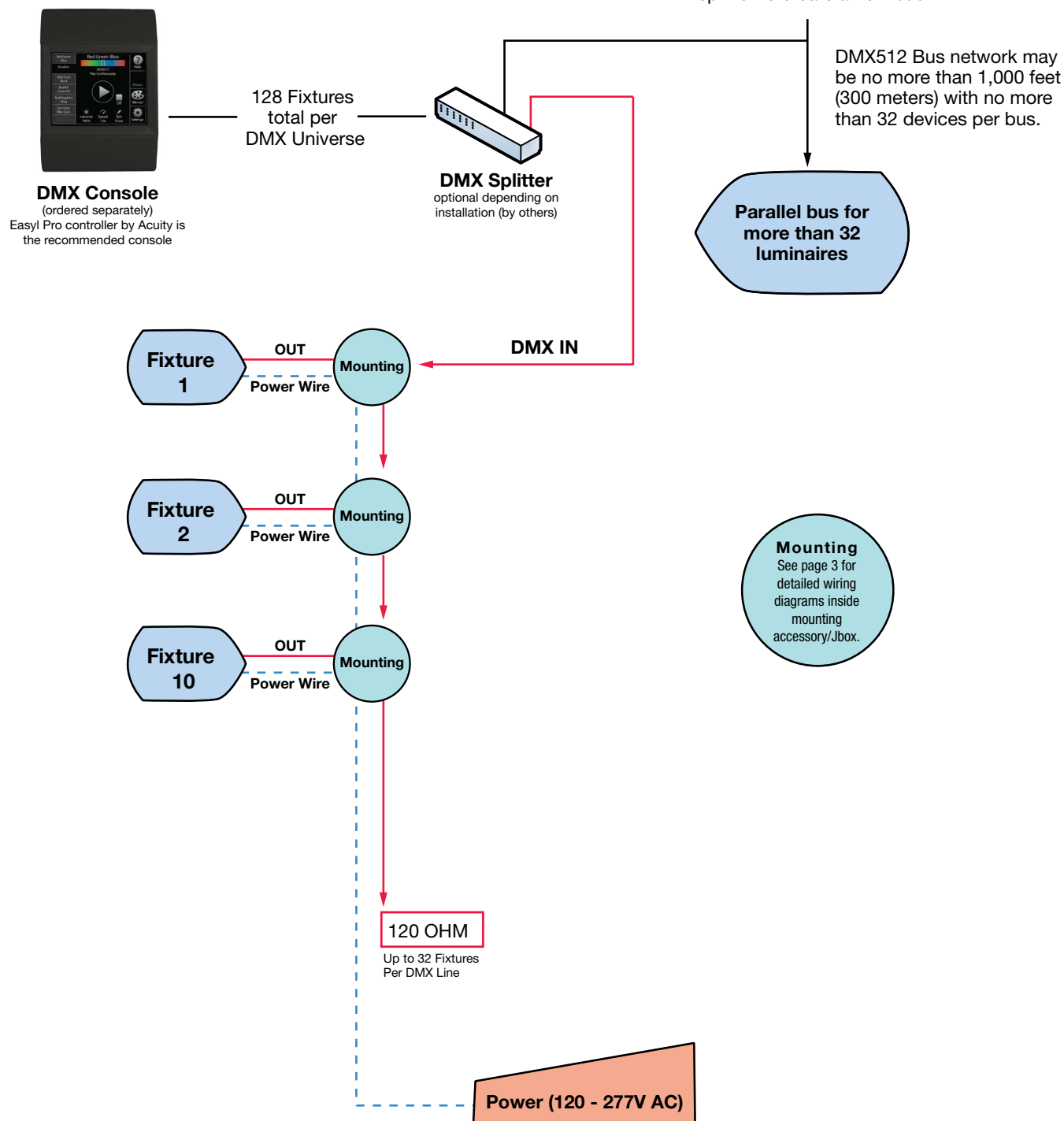


FCS

- Create and edit 36 lighting scenes including intensity, color, and color temperature
- Integral astronomic timeclock with battery backup for system scheduling
- Direct DMX control for 1 universe (512 slots)
- Internal Bluetooth® radio for wireless App control

DMX WIRING - FLOOD

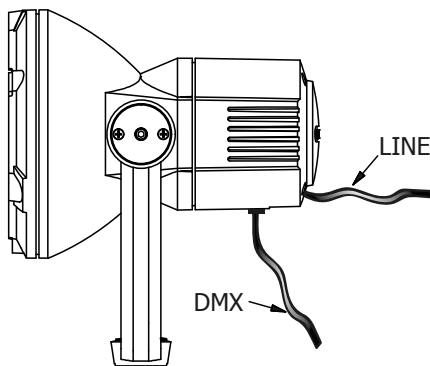
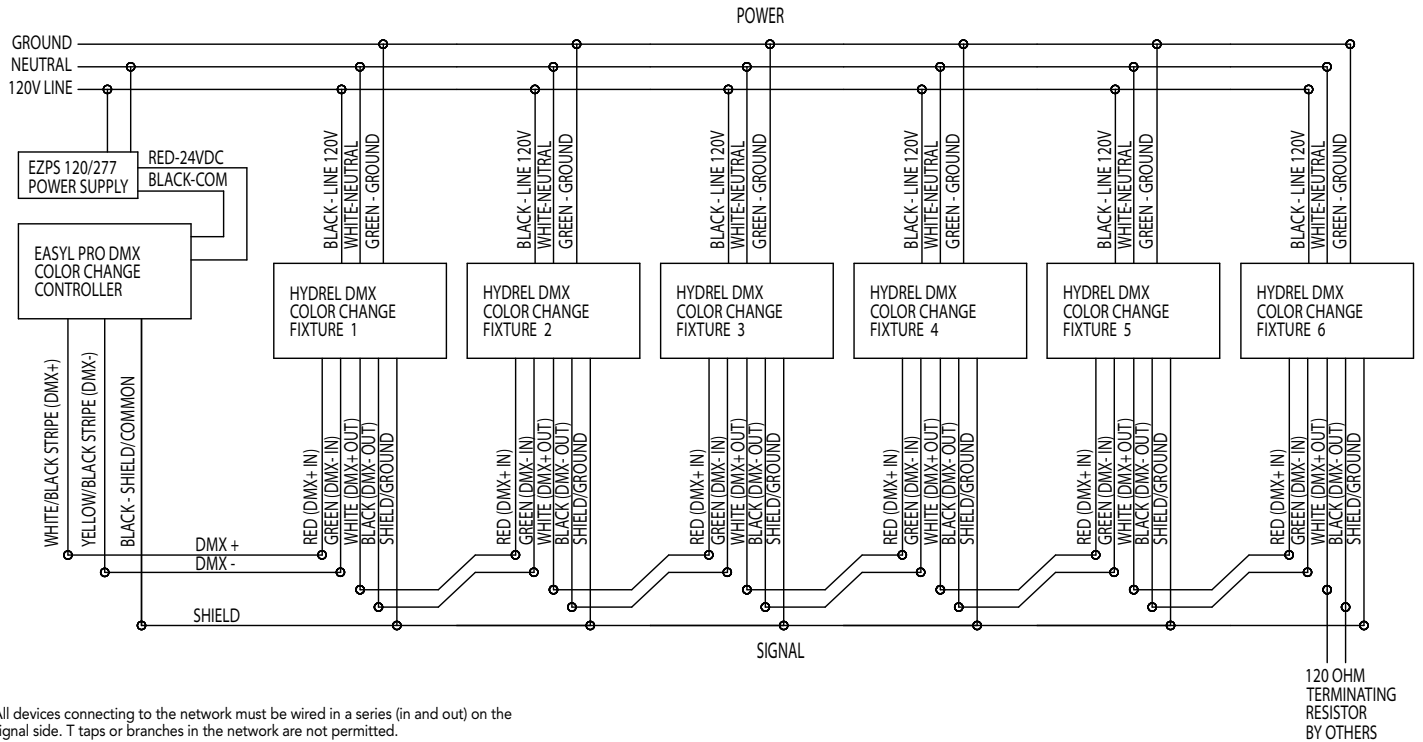
Up to 32 Fixtures Per DMX Line —
if there are more than 32 fixtures use a
splitter to create a new bus.



Notes:

1. DMX512 must be terminated by a 120 ohm resistor.
2. Signal cable by others, cable must be two-pair with a maximum capacitance of 12.8 pF/ft. and a impedance of 120 ohm.

DMX CONNECTION AND TERMINATION - WIRING DIAGRAM



Fixture comes standard with 10' of STW cable and 10' of DMX data cable.

SPECIFICATIONS AND FEATURES

MATERIAL: Die Cast Aluminum (A360) housing, Galvanized Steel brackets, black silicone gaskets with stainless steel fasteners.

LED: RGBW (40K white 80CRI) LED to 22 watts. Lumen maintenance of individual light sources has been independently tested using IESNA LM80 standards.

VOLTAGE: MVOLT

OPTICS: NEMA flood (2x2 through 6x6), horizontal flood, horizontal spot.

LENS: Flat tempered glass for maximum resistance to impact.

MOUNTING: Yoke mounted with 10' of 16-7 STW flexible cord for power 10' of DMX data cable.

GLARE CONTROL: Internal glare control and external glare control available.

ELECTRICAL: Integral RGBW power driver. MVOLT (120-277 volt) 50/60HZ LED power supply dims to zero. THD <20%, class 2 driver with 100% to dim to dark.

CONTROL: DMX512 direct via 5 wire DMX cable or ethernet cable (by others). Compatible with the EASYL and FRESCO DMX controllers. All channels run at a maximum of 44 frames per second and have logarithmic power for finer color and intensity control.

FINISH: Exterior parts are protected by a zinc-infused super durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climates without cracking or peeling.

FASTENERS: Stainless steel.

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/resources/buy-american for additional information.

LISTING: CSA, CSA_{US}

PATENT NO.: US D663,877 S

WARRANTY: 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

www.acuitybrands.com/support/warranty/terms-and-conditions

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.