



TPS1 SERIES

Yoke Mount RGB 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
- RDM capable for in-field fixture discovery
- Available in RGBW as custom

5
YEAR
warranty



IP66

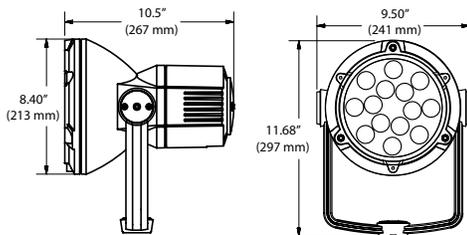


Buy American

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



LUMEN PACKAGES

	NSP	MFL	FL	WFL	HSP	HFL
Delivered Lumens	810	845	775	498	880	933
Watts	47	47	47	47	47	47
LPW	17	18	16	11	19	20

Note: Information based on all colors full on



ORDERING INFORMATION

EXAMPLE: TPS1 18LED RGB MVOLT NSP YM RDM BL

Series*	Lamp type*	Color*	Voltage*	Distribution*	Mounting*	Mounting Accessories
TPS1	18LED	RGB <i>Note: Available in RGBW as custom</i>	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*
WPTL Wall Plate w/ Taper Lock ARTL Arch. Junction Box w/Taper Lock PMT ¹ Pole Mount Tee PMSA Pole Mt Splice Access. SMSA_ Stanchion Mt Splice Access available 12"-48" in 6" increments SMT12/24 ¹ Stanchion Mt Tee, 12" height SMT18/24 ¹ Stanchion Mt Tee, 18" height SMT24/24 ¹ Stanchion Mt Tee, 24" height	RDM Remote device management <i>RDM = Field discoverable and field programmable DMX</i>	Internal IHL Internal Honeycomb Louver External GS Glare Shield FGS Full Glare Shield <i>Note: External options are mutually exclusive, choose one.</i>	BL Black BZ Bronze DDB Dark Bronze DNA Natural Aluminum GN Green GR Gray SND Sand STG Steel Gray TVG Terra Verde Green WH White CF Custom _Z ⁴ Zinc Undercoat (i.e. BLZ) RALTBD RAL Paint Finishes <i>Note: RALTBD for pricing only, replace with applicable RAL call out when ready to order. See the RALBROUCHURE for available options. It is recommended only use textures paint for Hydrel fixtures.</i>

* Required Field

- Notes:
 1 Requires two fixtures per mounting.
 2 Add Zinc undercoat for harsh environments.

ELECTRICAL LOAD

Light Engines	Drive Current (mA)	System Watts	Current (A)			
			120	208	240	277
18 LED	750	47	0.39	0.23	0.17	0.19

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	47	17	810
	MFL	3 x 3	21 x 21	39 x 39	47	18	845
	FL	5 x 5	73 x 47	94 x 79	47	16	775
	WFL	6 x 6	100 x 100	125 x 125	47	11	498
	HSP	3 x 2	26 x 10	40 x 23	47	19	880
	HFL	2 x 4	10 x 38	22 x 54	47	20	933



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

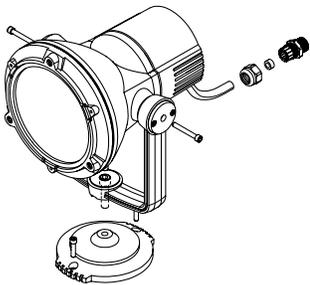
<http://www.acuitybrands.com/products/detail/223381/Fresco/Fresco-Touchscreen-Lighting-Controllers>



FCS

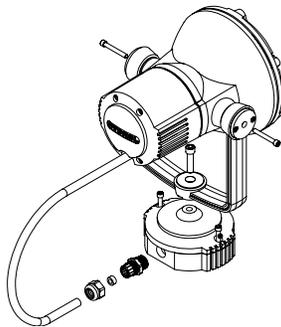
- Create and edit 36 lighting scenes including intensity, color, and color temperature
- Integral astronomic timeclock with battery backup for system scheduling
- Direct DMX control for 1 universe (512 slots)
- Internal Bluetooth® radio for wireless App control

MOUNTING ACCESSORIES



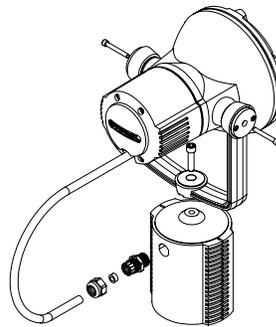
WPTL

Die-cast aluminum Wall Mount Plate designed for surface mounting of the taper lock yoke on the TPS fixture to any surface.



WMTL

Die-cast aluminum Wall Mount cover for mounting the TPS series fixtures with the taper lock yoke can be used over a recessed or surface mount conduit.



ARTL

The Architectural Junction Box is a die-cast aluminum accessory for direct mounting of the TPS series lighting fixtures.

EXTERNAL ACCESSORIES



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

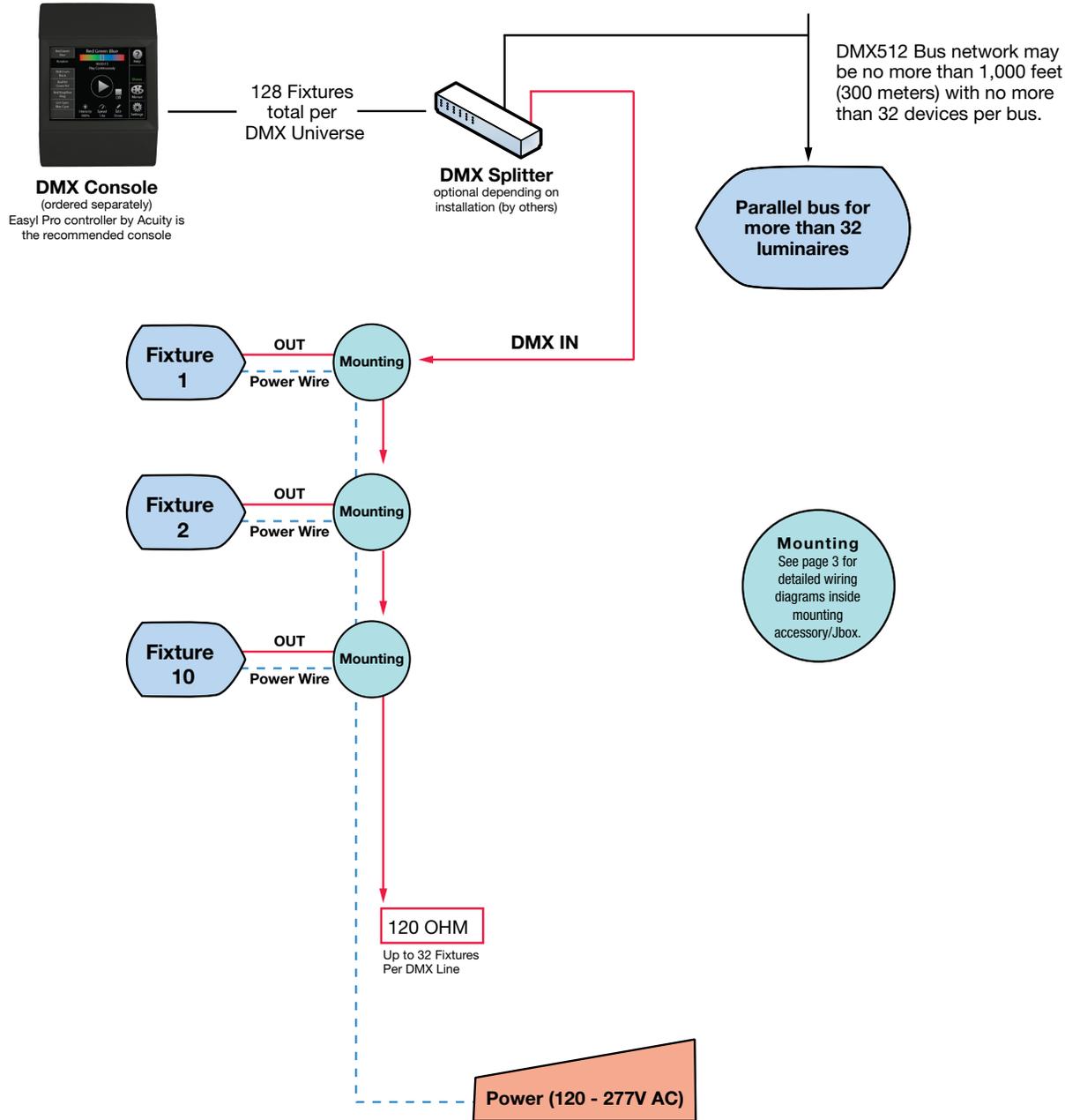


GS — Glare Shield
Formed aluminum with A360 die-cast mounting ring, field installable.



DMX WIRING - FLOOD

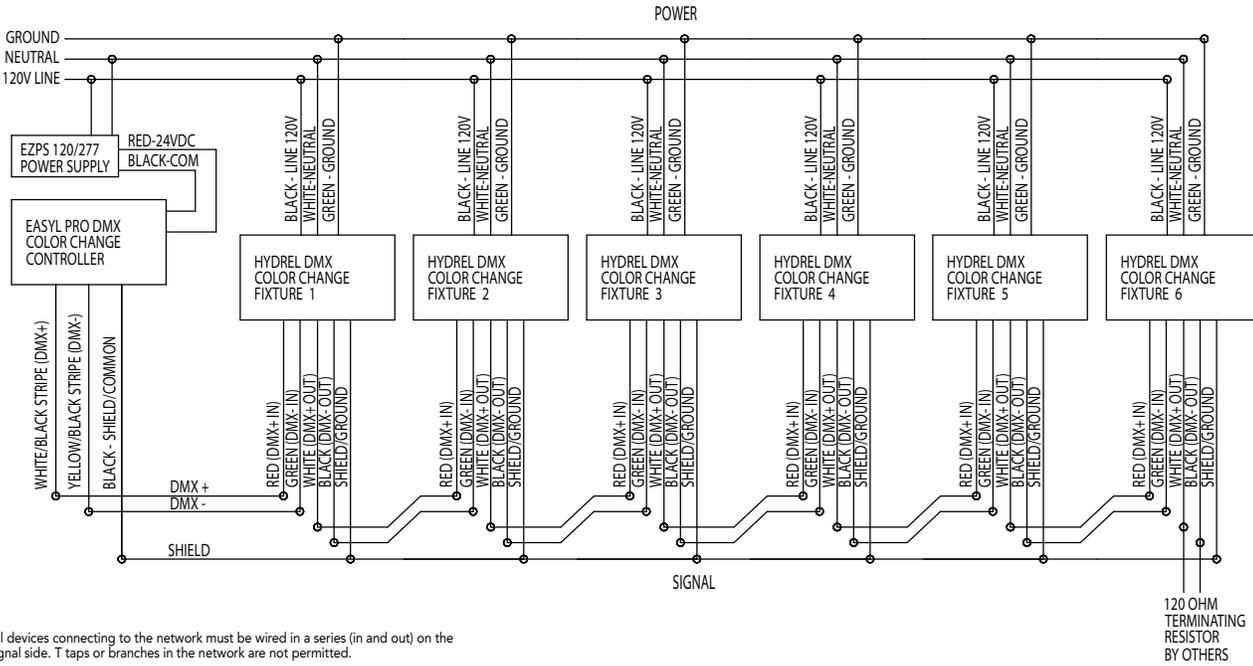
Up to 32 Fixtures Per DMX Line —
if there are more than 32 fixtures use a
splitter to create a new bus.



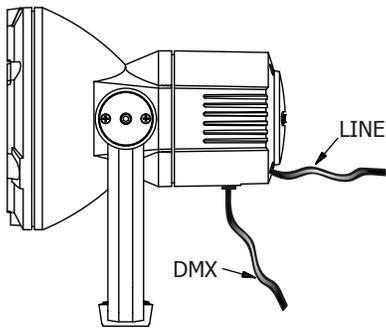
- Notes:
1. DMX512 must be terminated by a 120 ohm resistor.
 2. Signal cable by others, cable must be two-pair with a maximum capacitance of 12.8 pF/ft. and a impedance of 120 ohm.



DMX CONNECTION AND TERMINATION - WIRING DIAGRAM



All devices connecting to the network must be wired in a series (in and out) on the signal side. T taps or branches in the network are not permitted.



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: RGB LED to 47 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 RGB 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 FRESKO 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.

BUY AMERICAN: Hydrel products are assembled in the USA. Our products meet the Buy America(n) government procurement requirements under FAR, DFARS, and DOT. Please refer to www.acuitybrands.com/buy-america.

LISTING: CSA, CSA_{US}

PATENT NO.: US D663,877 S

WARRANTY: 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/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.