



TPS2 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
- DMX control/RDM

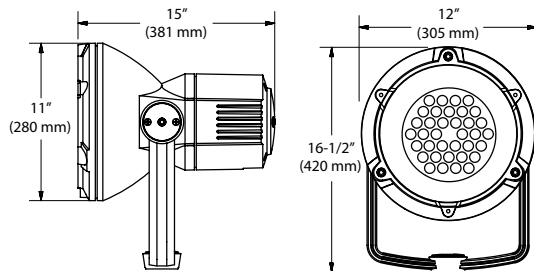
5
YEAR
warranty

IP66


Specifications

EPA:	1.0 ft ² 0.093 m ²
Length:	15" 381 mm
Width:	12" 305 mm
Height:	16-1/2" 420 mm
Height ² :	11" 280 mm
Weight:	21 lbs

DIMENSIONS



LUMEN PACKAGES

	NSP	MFL	FL	WFL	HFL
Delivered Lumens	1,850	1,900	2,003	1,660	1,890
Watts	97	97	97	97	97
LPW	19	20	21	17	19

Note: Information based on all colors full on

ORDERING INFORMATION

EXAMPLE: TPS2 36LED RGB MVOLT NSP YM PAR4/18 RDM BL

Series*	Lamp type*	Color*	Voltage*	Distribution*	Mounting*	Mounting Accessories
TPS2	36LED	RGB	MVOLT (120-277 volt)	NSP Narrow Spot MFL Medium Flood FL Flood WFL Wide Flood 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 <i>RDM = Field discoverable and field programmable DMX</i>	Internal	BL	Black	SND Sand
PMSA	Pole Mt Splice Access Stan.		IHL Internal honeycomb louver	BZ	Bronze	STG Steel gray
SMSA_	Mt Splice Access available 12"-48" in 6" increments		External	DDB	Dark bronze	TVG Terra verde green
SMT12/24'	Stanchion Mt Tee, 12" height		GS Glare shield	DNA	Natural aluminum	WH White
SMT18/24'	Stanchion Mt Tee, 18" height		FGS Full glare shield	GN	Green	CF Custom
SMT24/24'	Stanchion Mt Tee, 24" height		Note: External options are mutually exclusive, choose one.	GR	Gray	_Z ² Zinc undercoat (i.e. BLZ)
				RALTBD Ral Paint Finishes Note: RALTBD for pricing only, replace with applicable RAL call out when ready to order. See the RALBROCHURE for available options. It is recommended that Hydrel products only use textured paint.		

* 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
18 LED	750	97	0.81	0.47	0.40	0.35

PERFORMANCE DATA

LUMEN OUTPUT

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	1 X 1	6 X 7	17 X 17	97	19	1,850
	MFL	3 x 3	21 X 21	37 X 37	97	20	1,900
	FL	5 x 5	64 X 64	84 X 81	97	21	2,003
	WFL	6 X 6	109 X 93	128 X 123	97	17	1,660
	HFL	2 x 4	8 x 38	18 x 52	97	19	1,890

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

EXTERNAL ACCESSORIES

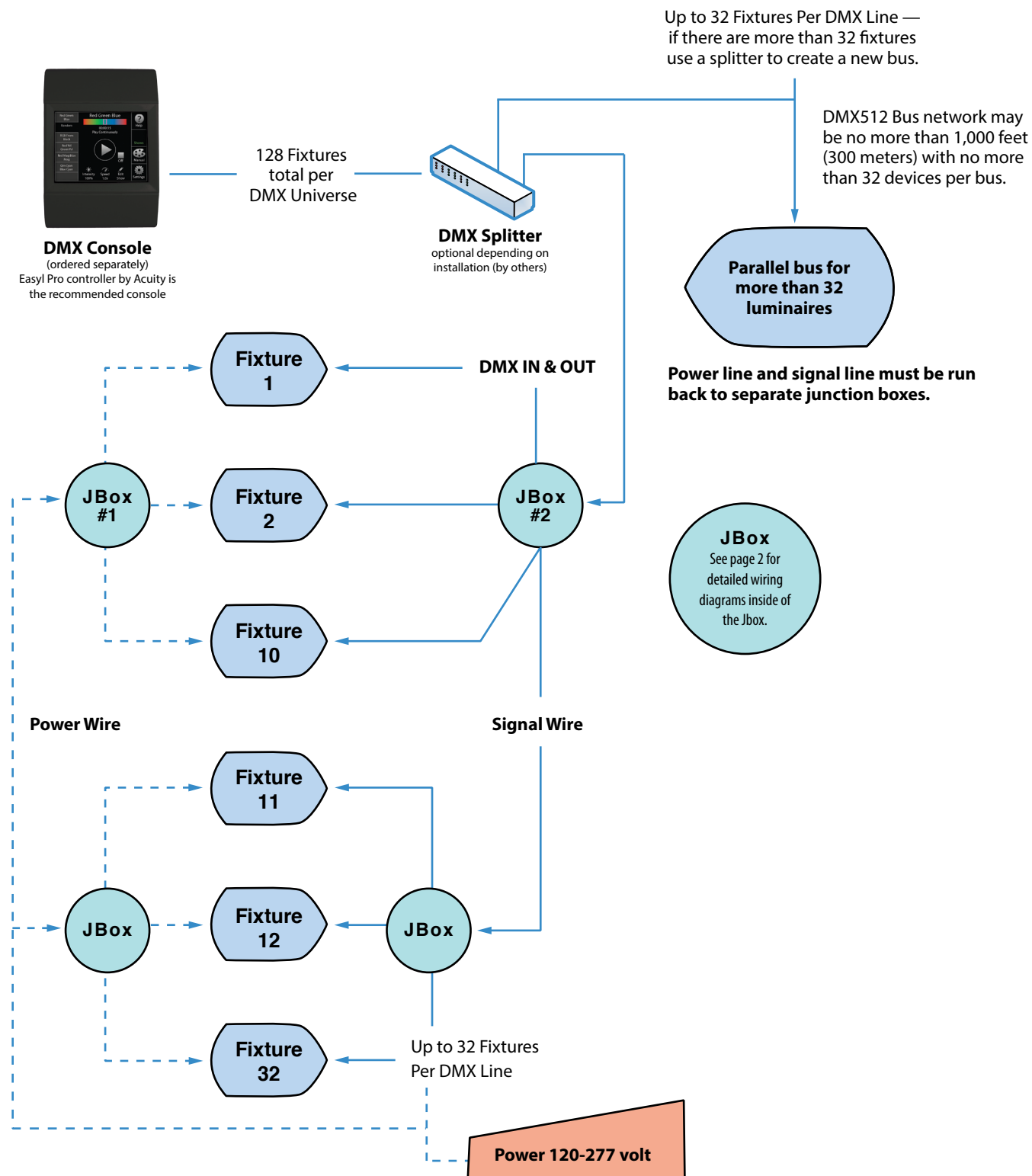


FGS — Full Glare Shield
Formed aluminum with A360 die-cast mounting ring, field installable.



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

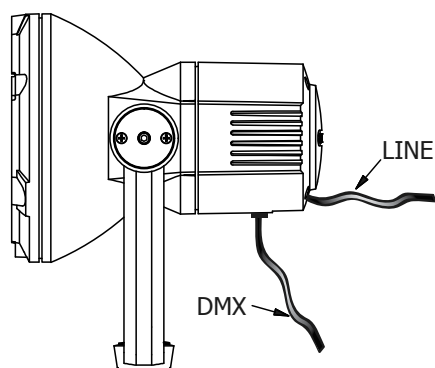
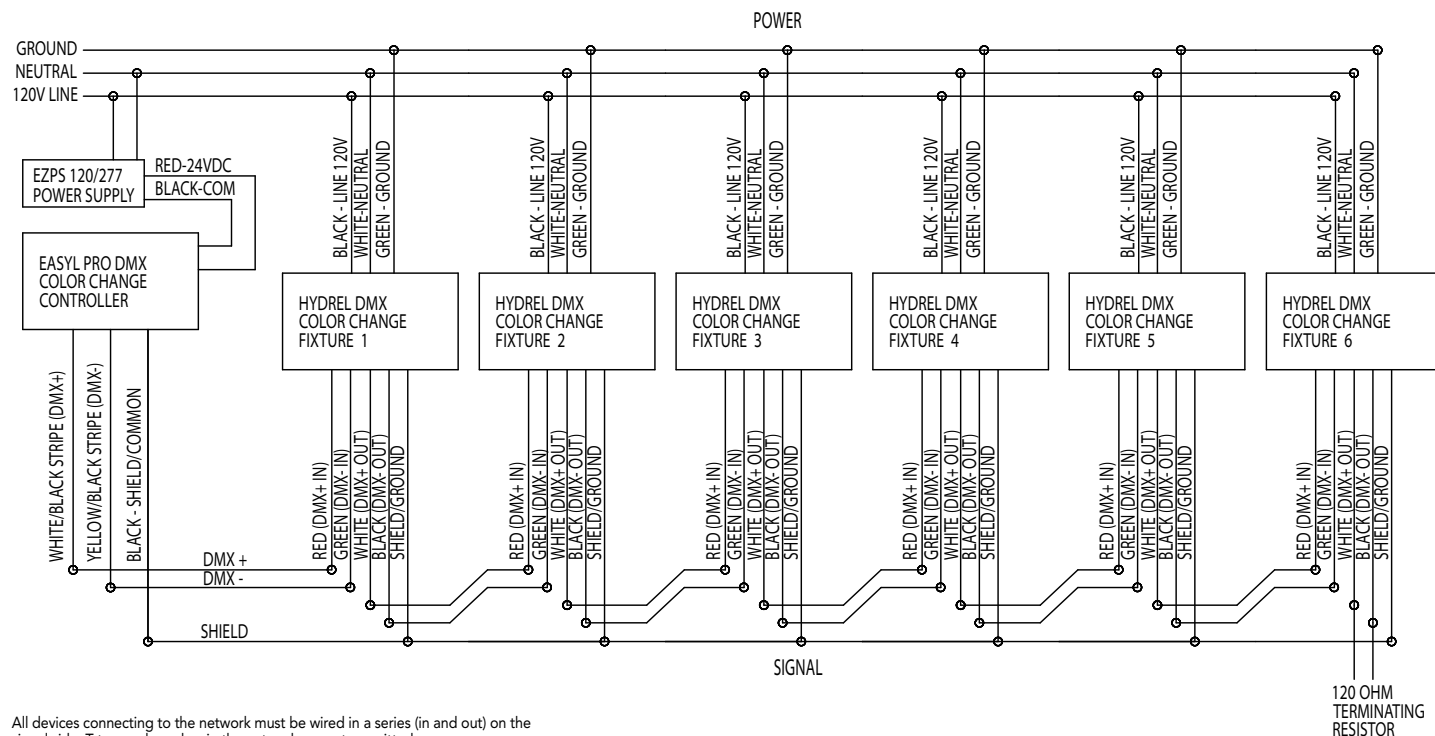
DMX WIRING - FLOOD



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: RGB LED to 97 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.

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 ELDO RGB power drive, MVOLT (120-277 volt) 50/60HZ LED Power Supply, dims to zero. THD < 20%, class 2 driver with 100% to 0% dimming using a 0-10V dimmer.

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}, IP66

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.