



TPS1 SERIES

Yoke Mount 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
- Programmable driver with 0-10V dimming
- CCTs: 30K, 41K, 53K, Blue, Green, Red & Phosphor converted Amber
- Optional 6KV surge protector

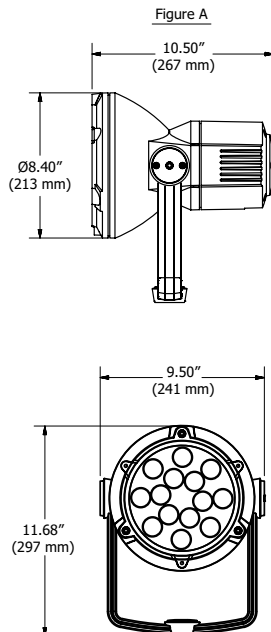
5
YEAR
warranty

IP66


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



PERFORMANCE SUMMARY

	NSP	MFL	FL	WFL	HSP	HFL	VWFL
Delivered Lumens	2,666	2,548	2,377	2,685	2,214	2,498	2,187
Watts	34	34	34	34	34	34	34
LPW	81	77	72	81	67	76	66
Peak Candela	31,713	13,392	1,661	955	16,163	10,951	815

Note: Information based on 4000K

ORDERING INFORMATION

EXAMPLE: TPS1 18LED WHT41K MVOLT NSP YM BL

Model*	Lamp type*	Color*	Voltage*	Distribution*	Mounting*	Mounting Accessories
TPS1	18LED	WHT30K 3000°K Color Temp	MVOLT (120-277 Volt)	NSP Narrow Spot	YM Yoke Mount with Taper Lock	EWM_ Ext. Wall Mt available 12"-48" in 6" increments
		WHT41K 4100°K Color Temp		MFL Medium Flood	YMSC Yoke with flat bottom	PAR_/_ Pole Arm Round 4", 5", or 6" Pole 12", 18", or 24" length (i.e. PAR5/18)
		WHT53K 5300°K Color Temp		FL Flood		PAS_/_ Pole Arm Square 4", 5", or 6" Pole 12", 18", or 24" length (i.e. PAS4/24)
		RED Red		WFL Wide Flood		PATR_/_ ² Pole Arm Twin Round 4", 5", or 6" Pole 12", 18", or 24" length (i.e. PATR6/12)
		GRN Green		VWFL ¹ Very Wide Flood (no optics)		PATS_/_ ² Pole Arm Twin Square 4", 5", or 6" Pole 12", 18", or 24" length (i.e. PATS6/12)
		BLU Blue		HSP Horizontal Spot		
		AMBPC Phosphor converted Amber		HFL Horizontal Flood		
Mounting Accessories (Cont'd)		Accessories		Options		Finish*
PMT ²	Pole Mount Tee	Internal		Controls		BL Black
PSSA	Ped. Stanchion Splice Access	CFAMB Color filter Amber		LDIM LED Dimming		BZ Bronze
PMSA	Pole Mt Splice Access	CFRED Color filter Red		Protection		DDB Dark Bronze
SMSA_	Stan. Mt Splice Access available 12"-48" in 6" increments	CFBLUE Color filter Blue		SPD6KV Surge Protector		DNA Natural Aluminum
SMT ²	Stanchion Mt Tee	CFGRN Color filter Green				GN Green
		IHL Internal Honeycomb Louver				GR Gray
		FRF Frosted Filter				
		External				
		GS Glare Shield				
		FGS Full Glare Shield				
		Note: External options are mutually exclusive, choose one.				
						SND Sand
						STG Steel Gray
						TVG Terra Verde Green
						WH White
						CF Custom
						_Z ³ Zinc Undercoat (i.e. BLZ)
						RALTB RAL Paint Finishes
						Note:
						RALTB for pricing only, replace with applicable RAL call out when ready to order. See the RALBROCHURE for available options. It is recommended that Hydrel paraindu.cts only use textured

* Required Field

Notes:

- 1 FRF filter needed with VWFL.
- 2 Requires two fixtures per mounting.
- 3 Add Zinc undercoat for harsh environments.

ELECTRICAL LOAD

Light Engines	Drive Current (mA)	System Watts	Current (A)			
			120	208	240	277
18 LED	550	34	0.28	0.16	0.14	0.12

PROJECTED LED LUMEN MAINTENANCE

Data references the extrapolated performance projections for the **Fixture** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.99	0.98	0.96

LUMEN AMBIENT TEMPERATURE (LAT) MULTIPLIERS

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

PERFORMANCE DATA

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.

Performance Package	System Watts	Distribution	Field Angle		Beam Angle		30K (3000K, 70CRI)			40K (4000K, 70CRI)			50K (5000K, 70CRI)		
			°H	°V	°H	°V	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW
18LED	34	NSP	27	27	15	15	18,642	1567	47	31,713	2666	81	31,713	2,666	81
		MFL	40	40	22	22	8,059	1533	46	13,392	2548	77	13,478	2565	78
		FL	95	83	76	56	1,015	1452	44	1,661	2377	72	1,661	2377	72
		WFL	136	136	114	114	573	1610	49	955	2685	81	954	2685	81
		HSP	42	27	26	13	9,696	1329	40	16,163	2214	67	16,163	2214	67
		HFL	61	30	40	16	6,480	1478	45	10,951	2498	76	10,951	2498	76
		VWFL	141	141	110	110	488	1311	40	815	2187	66	815	2187	66

OPERATING TEMPERATURE: -30°C through 40°C

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.

SPECIFICATIONS AND FEATURES

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

LED: White and Monochromatic LED to 34 watts. Lumen maintenance of individual sources has been independently tested using IESNA LM80 standards. All within 3 MacAdam ellipses.

VOLTAGE: MVOLT

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

LENS: Flat tempered glass for maximum resistance to impact.

MOUNTING: Taper Lock Yoke mounted with 10' of 18-3 STW flexible cord.

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

ELECTRICAL: MVOLT (120-277) integral LED power supply, 550mA.

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: cCSAus, Wet Location, Laboratory tests conducted by CSA to UL Standards UL-1598 & UL-8750

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/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.