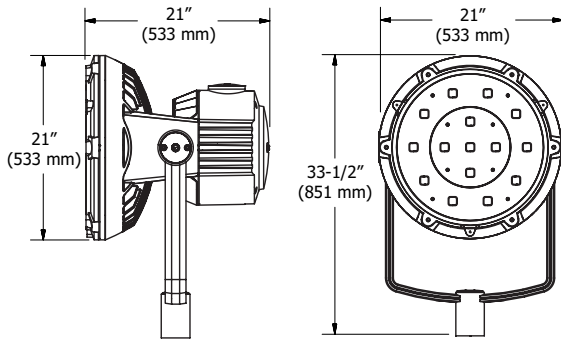




Specifications

EPA:	3.51 ft ²
	0.195 m ²
Length:	21"
	533 mm
Width:	21"
	533 mm
Height:	33-1/2"
	851 mm
Height ² :	21"
	533 mm
Weight:	105 lbs

DIMENSIONS



TPS3 SERIES

Yoke Mount

Chip on Board, 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, 40K, 50K
- Optional 6KV surge protector
- Four precision optical distributions

5
YEAR
warranty

IP66


LUMEN PACKAGES

	NFL	MFL	FL	WFL
Delivered Lumens	43,349	42,177	40,209	38,747
Watts	557	557	557	557
LPW	78	76	72	70

Note: Information based on 4000K

EXAMPLE: TPS3 15COB 960mA 40K MVOLT FL YM BL

* Required Field

Notes:

- 1 For ambient temp 40°C and above fixture will be run at 760mA, output will be decreased (consult factory).
- 2 Zinc undercoat - for harsh environments.
- 3 Natatorium rated Hydrel luminaires are built to withstand the elevated temperatures, high humidity and corrosive environments typically associated with natatoriums. Luminaires ordered with the "NT" nomenclature will have a zinc primer undercoat, zinc-infused super durable top coat, stainless steel hardware and IP67 ingress protection. NT is only available with 760mA

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	1.05
10°C	50°F	1.03
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

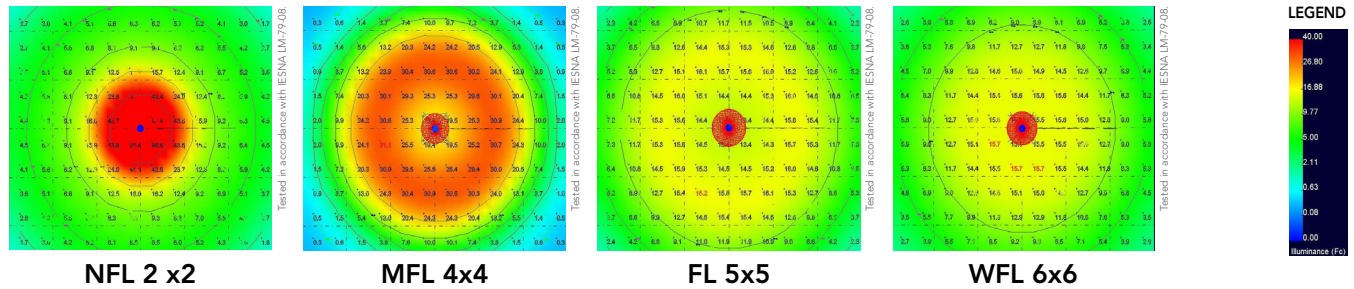
Data references the extrapolated performance projections for the **Fixture** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

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.

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PERFORMANCE DATA

Isocandela plots for TPS3 COB



To see complete photometric reports or download .ies files for this product, visit www.hydrel.com

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.

Light Engines	Drive Current (mA)	Dist. Type	Nema Type	Beam Angle (50%)		Field Angle (10%)		30K			
				°H	°V	°H	°V	Watts	LPW	Delivered Lumens	CRI
15COB	960mA	NFL	3 x 3	15.2	15.2	37.7	37.7	567.3	67	38368.24	82
		MFL	4 x 4	56.7	42.0	66.9	57.0	563.8	66.97	37755.12	82
		FL	5 x 5	74.0	60.5	93.0	83.7	564	59.1	33327.23	82
		WFL	6 x 6	74.0	64.1	104.3	100.1	564.3	62.1	35030.28	82

Light Engines	Drive Current (mA)	Dist. Type	Nema Type	Beam Angle (50%)		Field Angle (10%)		34K			
				°H	°V	°H	°V	Watts	LPW	Delivered Lumens	CRI
15COB	960mA	NFL	3 x 3	14.7	14.7	37.7	37.7	557.3	77.78	43349	77
		MFL	4 x 4	50.9	48.2	66.9	57.0	556.9	75.74	42177	77
		FL	5 x 5	73.7	60.5	93.0	83.7	556.5	72.25	40209	77
		WFL	6 x 6	70.4	64.1	104.3	100.1	557.4	69.51	38747	77

Light Engines	Drive Current (mA)	Dist. Type	Nema Type	Beam Angle (50%)		Field Angle (10%)		50K			
				°H	°V	°H	°V	Watts	LPW	Delivered Lumens	CRI
15COB	960mA	NFL	3 x 3	15.2	15.2	37.7	37.7	567.3	80.19	45211.5	77
		MFL	4 x 4	56.7	42.0	66.9	57.0	563.8	77.08	43729.92	77
		FL	5 x 5	74.0	60.5	93.0	83.7	564	73.75	41596.46	77
		WFL	6 x 6	74.0	64.1	104.3	100.1	564.3	70.58	39829.12	77

LED LIFE: L70/86,000 hours

OPERATING TEMPERATURE: -45°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: Monochromatic LED to 564 watts. Nichia COB 108. All within 3 MacAdam ellipses.

VOLTAGE: MVOLT, 347V, 480V.

DISTRIBUTION: See order guide.

REFLECTORS: Precision formed injection molded polycarbonate with vacuum metalized finish to meet beam spread requirements.

LENS: Flat tempered glass for maximum resistance to impact.

MOUNTING: Yoke mounted with 2-7/8 OD tenon and 10' of 16-3 STW flexible cord, 16-5 cord for LDIM.

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

POWER SUPPLY: 120-277, 347, & 480 LED Power Supply. Maximum ambient temperature: 40° C.

CONTROLS: 0 - 10V, 50% Reduction.

FINISH: Super durable polyester TGIC powder coat finish (standard). Optional zinc undercoat for harsh environments.

FASTENERS: Stainless steel.

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

PATENT NO.: US D663,877 S

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.

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

Consult factory for details