



Specifications

Length:	6-5/8"
	168 mm
Width:	5-1/2"
	140 mm
Height:	6-1/8"
	156 mm
Weight:	8lbs

4800 LED SWM

Line or Low Voltage Swimming Pool Fixture

HIGHLIGHTS

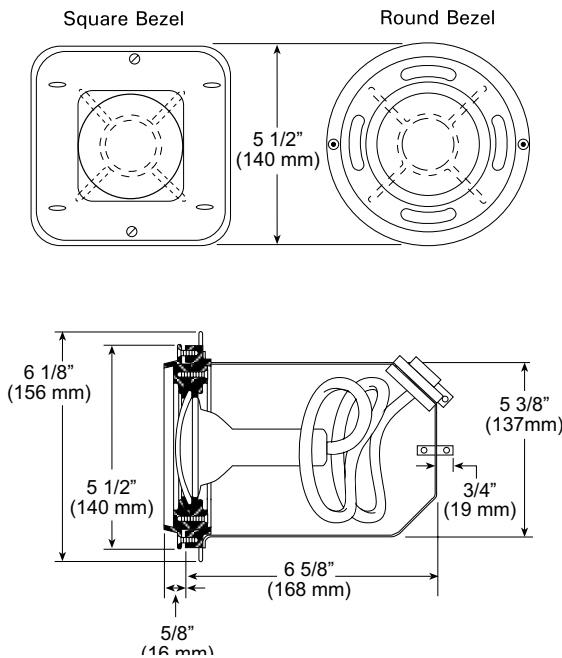
- Stainless steel housing
- Heavy wall cast bronze or stainless-steel door
- Static white: 554 lumens / 9 watts
- 27K, 30K, 41K, 53K, Amber Phosphor, Amber 590nm, Red, Green, Blue
- 12VAC, 120V with transformer
- Available in niche mount only

5
YEAR
warranty


IP68



DIMENSIONS



LUMEN PACKAGES

	NSP	MFL
Delivered Lumens	459	554
Watts	9	9
LPW	51	62

Note: Information based on WHT41K

ORDERING INFORMATION

EXAMPLE: 4800 RD B LED 120 RED MFL CLS NM 3445B CSL35 SWM LP

Model	Door Type	Material	Lamp Type	Voltage	LED Color	Distribution
4800	RD Round	B Bronze	LED	12'	WHT27K White	NSP Narrow Spot
	SQ Square	SS Stainless Steel		120 ²	WHT30K White	MFL Medium Flood
					WHT41K White	
					WHT53K White	
					AMBPC Phosphor Converted Amber	
					AMBLW Limited Wavelength Amber - 590 nm	
					RED Red	
					GRN Green	
					BLU Blue	
Lens	Mounting	Conduit Entries	Cord Set Length	Application	Lamp	Optional Listing
CLS ³ Convex Lens Swim	NM Niche Mt	3445B 3/4" NPT at 45°	CSL__ ⁴ 35'-120' of cord available in 5' increments	SWM Swimming Pool Fixture	LP Lamp Installed	CSA Optional Canadian Listing (for sale in Canada only)
CLC Convex Lens Clear		1645B PG16 at 45°				IEC ⁵ International Electro-Technical Commission (for use with 50HZ applications only)

Notes:

- Transformer not included, sold separately. Suitable for use in fully enclosed luminaires
- 120 Volt includes an internal transformer.
- CLS will be used if no lens is chosen.
- Longer cord lengths can cause voltage drops with 12-volt fixtures. Final voltage to the fixture below 7.5 volts will cause flickering. Be sure to calculate voltage drop of the system before ordering longer cord lengths.
- Only available with 12V and 1645B.

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.

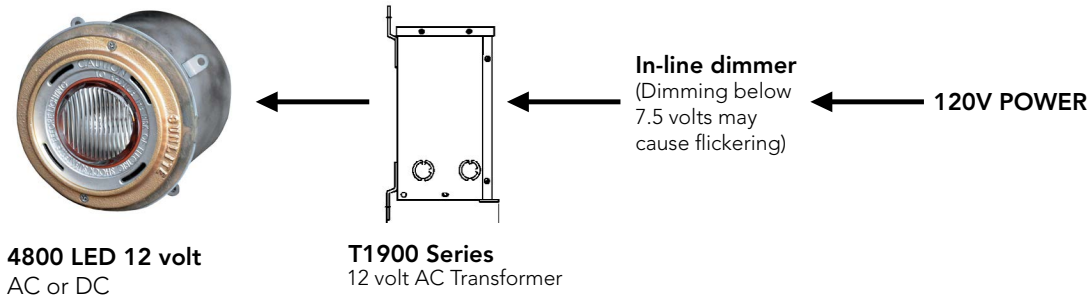
	Distribution	Nema Type	Beam Angle (50%) H x V	Field Angle (10%) H x V	Watts	LPW	Delivered Lumens
3000K 80CRI	NSP	3 x 3	13.3 x 13.3	38.4 x 38.4	9	31	276
	MFL	3 x 3	21.9 x 21.9	42.1 x 42.1	9	37	332
4000K 70CRI	NSP	3 x 3	13.3 x 13.3	38.4 x 38.4	9	51	459
	MFL	3 x 3	21.9 x 21.9	42.1 x 42.1	9	62	554
5000K 70CRI	NSP	3 x 3	13.3 x 13.3	38.4 x 38.4	9	51	459
	MFL	3 x 3	21.9 x 21.9	42.1 x 42.1	9	62	554

LED LIFE: L70/118,000 hours

OPERATING TEMPERATURE: 30°C through 40°C standard, above 40°C available with reduced milliamps.

Photometric data for underwater lighting is based on the theoretical output of a dry fixture. The final output of a fixture placed in water is determined by the depth that the fixture is placed, the clarity and turbulence of the water and the color of the surrounding concrete and/or tile.

DIMMING OPTION



SPECIFICATIONS AND FEATURES

FIXTURE HOUSING & DOOR: Stainless steel housing with heavy wall cast bronze or stainless steel door.

NICHE: Stainless steel with cast bronze mounting assembly, which has provisions for positive locking of fixture into position. The unit includes a grounding lug and a 3/4" conduit hub with 1/2" reducer or PG16 conduit hub.

LAMP: 9 Watt LED.

LENS: 3 1/8" (80mm) diameter tempered borosilicate, clear convex standard. Frosted lenses also available.

GASKET: Single-piece molded U-shaped silicone.

CORD: Minimum of 35' of #16-3STWA for US standard, 10m of HO7RN-F-2x4 for European standard, submersible rated cord with ground wire positively grounded inside the fixture. Cord length must be specified. **NOTE:** Sufficient cord should be coiled in the fixture niche to allow for the removal of fixture to above water level for re-lamping.

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, submersible luminaire suitable for swimming pools, Laboratory tests conducted by CSA to UL Standards UL-676 & UL-8750.

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

Consult factory for details.

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.