



**STATE OF FLORIDA
DEPARTMENT OF HEALTH
ENVIRONMENTAL ENGINEERING
LIGHTING CERTIFICATION
SWIMMING POOLS AND BATHING PLACES**

Permit Number: _____-60-_____ County: _____

Pool/Spa Name: _____

Street Address: _____ City: _____ Zip: _____

Owner's Name: _____

Owner's Mailing Address, if different: _____

Owner's Phone Number: _____ Owner's Email: _____

Section 454.1.4.2 of the Florida Building Code (FBC) Lighting Requirements: Artificial lighting shall be provided at all swimming pools which are to be used at night or which do not have adequate natural lighting so that all portions of the pool, including the bottom, may be readily seen without glare.

Outdoor Pool/Spa Night Use:

454.1.4.2.1 FBC: Outdoor pool/spa lighting shall provide a minimum of 3 foot-candles of illumination at the pool water surface and the pool wet deck surface. Underwater lighting shall be a minimum of 1/2 watt per square foot of pool water surface area. *

Pool with a Zero-Depth Entry Portion:

454.1.9.6.7 FBC: Those portions of the zero-depth entry pool, where the water depth will not allow for the proper installation of underwater lighting, shall be provided with 6 foot-candles of lighting on the deck and the water surface.

Wading Pool:

454.1.7.8 FBC: Wading pools are exempt from underwater lighting requirements but shall have lighting installed for night use of 10-foot candles if indoors or 6 foot-candles for outdoor night use. Such illumination shall be provided over the pool water surface and the pool deck surface.

WAP/IWF:

WAP 454.1.9.3.4 FBC: Those portions of the activity pool where the water depth will not allow for the proper installation of underwater lighting shall be provided with 6 foot-candles of lighting on the deck and water surface.

IWF 454.1.9.8.4 FBC: If night operation is proposed, 6 foot-candles of light shall be provided on the pool deck and the water feature area.

Indoor Pool Lighting:

454.1.4.2.2 FBC: Indoor pool lighting shall provide a minimum of 10-foot candles of illumination at the pool water surface and the pool wet deck surface. Underwater lighting shall be a minimum of 8/10 watt per square foot of pool surface area. *

**The location of the underwater luminaires shall be such that the underwater illumination is as uniform as possible. Underwater lighting requirements can be waived when the overhead lighting provides at least 15 foot-candles of illumination at the pool water surface and pool wet deck surface.*

Submit this form and a signed photometric survey, performed by a licensed professional, documenting the light levels of the pool surface at every 100-sq. ft. of and every 10 linear feet of the pool wet deck. The photometric survey shall be sealed if performed by a licensed Professional Engineer.

Signature of Licensed Professional ** Date
(Engineer, Building Official, Lighting, or Commercial Pool Contractor)

Printed Name Title & License #

**By Signing this document, I hereby certify that the water surface, wet deck surface, and underwater lighting requirements have been met per the applicable sections of chapter 454.1. Florida Building Code.