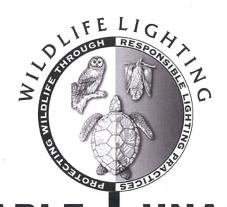


KING

ARCHI



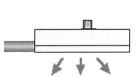


ACCEPTABLE ONLY WITH PROPER BULB(S)





Low Profile Bollards with Louvers





Full Cutoff Low Pressure Sodium Streetlight

Fully Shieded NEMA Light



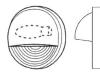


Recessed Can w/ baffles

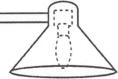


Glare Buster





Canister Downlight



'Eyelid' Step

Light

Downlight

Louvered Step Light

UNACCEPTABLE



Globe **Fixture**



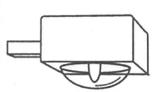
Wallpack



Unshielded



Fixture



Drop-Lens/Sag-Lens w/ exposed bulb



Unshielded Streetlight







Floodlight



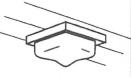




Partially Shielded Floodlight



Shielded Security Light



Drop-Lens Canopy Light

A TYPICAL HOME

SHIELDED LIGHTS TO REDUCE LIGHT

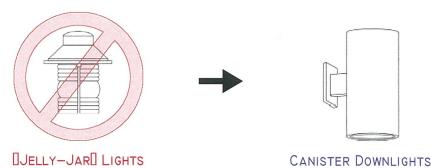
REPLACE POORLY

REPLACE FLOODLIGHTS
AND UNSHIELDED
FIXTURES WITH WALKWAY

REPLACING BAD LIGHT FIXTURES

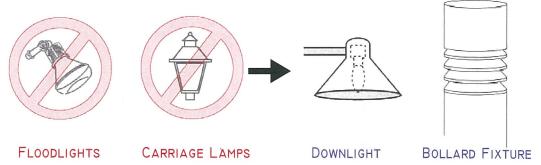


This diagram depicts a typical house with several styles of exterior light fixtures. These fixtures are inappropriate for use and should be replaced with shielded, downward directed lights. When correcting problem light fixtures, don't forget about your interior lights. Try to make it a habit to keep your window blinds closed at night, especially Sept 15-Dec15 when young Newell's shearwater and Hawaiian petrel fly to the ocean for the first time.



Lights like the one shown above waste 40% to 60% of the light produced in the form of glare. It is not uncommon to see these poorly designed \$3 and \$4 fixtures on homes costing \$500,000 and up.

The best light fixture for wildlife is the canister downlight using a 25watt to 40watt yellow bug lamp. Excellent for human safety, minimum glare, almost no light trespass occurs into the night sky or onto your neighbor's property.



These unshielded exterior lights are poorly suited for use in Hawaii. These light fixtures contribute to light trespass onto neighbor's property as well as up into the night sky.

Downlights and bollards are excellent fixtures for providing safety, illuminating pathways and landscaping. Specified with long wavelength "yellow" lamps, these lights actually improve our night vision by reducing glare.



SEABIRD FRIENDLY LIGHTING SOLUTIONS

Help eliminate seabird light attraction. Select the best fixture for your application using this guide. Avoid uplighting, always shield floodlights, and aim downlights carefully to avoid light trespass. For more information go to www.kauai-seabirdhcp.info.



