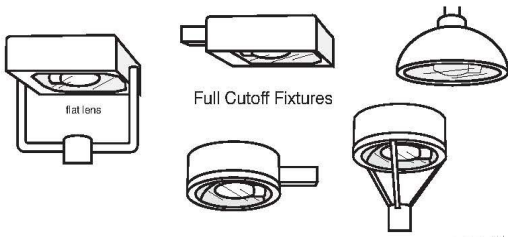
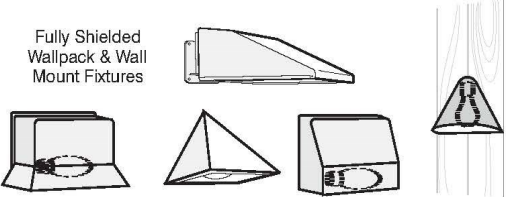


Acceptable

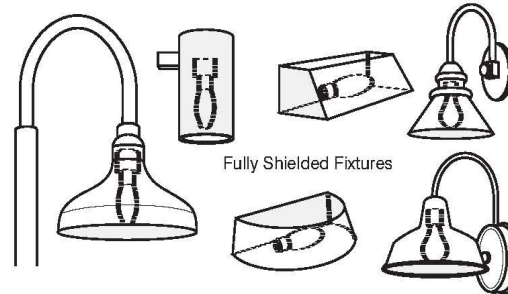
Fixtures that shield the light source to minimize glare and light trespass and to facilitate better vision at night



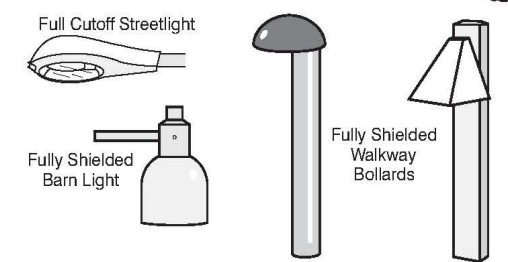
Full Cutoff Fixtures



Fully Shielded Wallpack & Wall Mount Fixtures



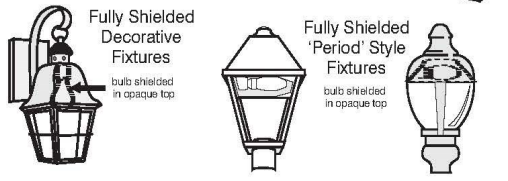
Fully Shielded Fixtures



Full Cutoff Streetlight

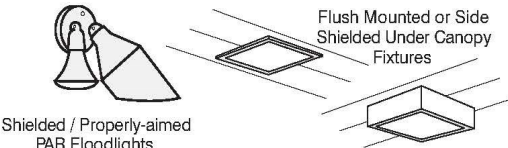
Fully Shielded Barn Light

Fully Shielded Walkway Bollards



Fully Shielded Decorative Fixtures

Fully Shielded 'Period' Style Fixtures



Shielded / Properly-aimed PAR Floodlights

Flush Mounted or Side Shielded Under Canopy Fixtures

PLACES TO BUY IDA COMPLIANT LIGHTING



Retailers approved by the International Dark Sky Association (IDA):

- ★ Home Depot
- ★ Volt Lighting

Companies approved by IDA:

- ★ Hampton Bay
- ★ Kichler Lighting
- ★ Panasonic
- ★ Progress Lighting

You can find more companies and lighting fixtures that are compliant with IDA requirements by going to www.DarkSky.org and typing in the search bar “Find Dark Sky Friendly Lighting”

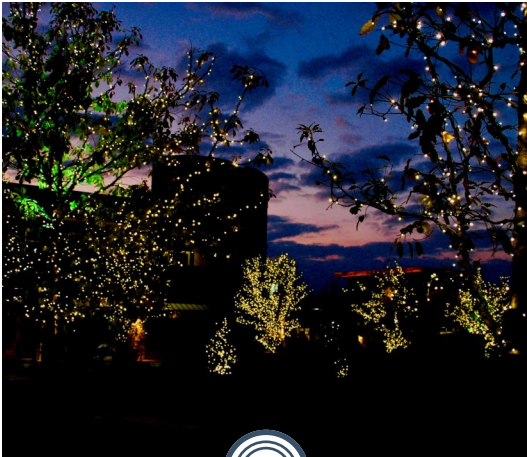
*Please note that a light fixture may say it is Dark Sky compliant but may not meet IDA requirements. Look for IDA compliant lighting or the symbol to the right.



Residential Dark Sky Lighting Guide

City of Bee Cave
City Hall
4000 Galleria Parkway
Bee Cave, Texas 78738

Phone: 512-767-6678
E-mail: APadilla@BeeCaveTexas.gov



Why is Dark Sky Lighting Important?

Dark sky lighting can eliminate light pollution and provide:

- ★ Better sleep
- ★ Better night vision & safety
- ★ Courtesy between neighbors
- ★ Brilliant views of the stars

Many people believe that more and brighter lighting makes us safer, but there is no conclusive evidence suggesting that's true. Improper lighting and too much lighting causes light pollution which can impact the natural environment and quality of life of people.

BEE CAVE RESIDENTIAL LIGHTING REQUIREMENTS



Allowed Correlated Color Temperature *

The allowable correlated color temperature of all lighting fixtures shall not exceed 3,000 Kelvins (K).

*Correlated Color Temperature, or CCT in lighting tech jargon, is essentially a gauge of how yellow or blue the color of light emitted from a light bulb appears.

Automatic Control Requirements

Controls that automatically extinguish all outdoor lighting when sufficient daylight is available are required.

Lumen Caps

Total outdoor light output installed on any residential property shall not exceed 25,000 lumens per net acre in any contiguous illuminated area.

Shielding and Cut-off Standards for Lighting

All lighting shall be fully-shielded (full cutoff)

Residential Lighting Limits

	AG, R-1, R-2, R-3 Zoning Districts IES Zone 1	R-4, R-5, MU-N, MU-C and P Zoning Districts IES Zone 2
Row 1 Maximum Allowed Luminaire Lumens* for Unshielded Luminaires at one entry only	420 lumens	630 lumens
Row 2 Maximum Allowed Luminaire Lumens* for each Fully Shielded Luminaire	1,260 lumens	1,260 lumens
Row 3 Maximum Allowed Luminaire Lumens* for each Unshielded Luminaire excluding main entry	315 lumens	315 lumens
Row 4 Maximum Allowed Luminaire Lumens* for each Landscape Lighting luminaire	Not allowed	1,050 lumens
Row 5 Maximum Allowed Luminaire Lumens* for each Shielded Directional Flood Lighting	Not allowed	1,260 lumens
Row 6 Maximum Allowed Luminaire Lumens* for each Low Voltage Landscape Lighting Luminaire	Not allowed	525 lumens



PROTECTING THE NIGHT SKY STARTS WITH YOU!



1. Light only what you need



2. Use energy efficient light bulbs and only as bright as you need



3. Shield lights and direct them down



4. Only use light when you need it



5. Choose warm white light bulbs



6. Join IDA, the International Dark Sky Association!