Ivins Night Sky Initiative
improve, preserve, and protect the night sky over Ivins Utah

Date: September 4, 2019

To: Chris Hart
From: Mike Scott

Availability of lights with color temperatures at or below 2,700K

At the last City Council meeting there was concern expressed about the availability of lights with color temperatures at or below 2,700K for new residential construction.

We had done some initial research on the availability of 2,700K lights, but nothing comprehensive or organized. This is an important concern, so Nathan Dupre and Tim Povlick, members of our Technical Committee, went to several local retailers to find out what is readily available in stores locally.

Here is a summary of availability of LED lights suitable for outdoor use with color temperatures at or below 2,700K. In addition to LEDs, there are many incandescent bulbs with color temperatures at or below 2,700K. Some are good for outdoors use and others will work outdoors with a proper enclosure like in shielded sconces.

In addition to in-store availability, there is a much larger selection available online from a variety of vendors. Should a resident need help finding the right lights to order online, please contact us. Volunteers are available to help (info@IvinsNightSky.org).

We are also working on an Excel spreadsheet with photos of many of these lights.

Walmart

Large selection, including:

MFG	watt Eq	Bulb Type	Rating *Indoor/Outdoor*	Life	price	Qty
Great Value	75	A19	In/Out	11	$ 7.97	4
Great Value	40	A19	In/Out	11	$ 4.97	4
Great Value	60	A19	In/Out	9	$ 7.97	4
Great Value	100	A19	In/Out	11	$ 7.97	4
Great Value	65	BR30	In/Out	9	$ 10.94	4
Great Value	10	T2	In/Out	9	$ 5.97	2
Great Value	20	T2	In/Out	9	$ 5.97	2
Great Value	60	Edison	In/Out	13	$ 3.78	1
Great Value	40	Candela	In/Out	13	$ 5.97	2
Great Value	60	Candela	In/Out	13	$ 5.97	2



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Home Depot

Large selection, including:

MFG	watt Eq	Bulb Type	Rating *Indoor/Outdoor*	Life	price	Qty
Cree	40w	A19	in/out	22	$ 6.49	2
Cree	60w	A19	in/out	22	$ 7.86	2
Cree	75w	A19	in/out	22	$ 6.78	1
Cree	100w	A19	in/out	22	$ 8.78	1
Cree	65w	BR30	in/out	22	$ 9.97	1
Cree	75w	R20	in/out	22	$ 7.84	1
Cree	100w	BR30	in/out	22	$ 10.45	1
Cree	120w	BR40	in/out	22	$ 14.40	1
Cree	60w	B11	in/out	14	$ 9.22	2
Hampton Bay	3.5w		OUT	n/a	$ 19.97	1
Hampton Bay	4.5w		OUT	n/a	$ 24.97	1

Target

Large selection, including:

MFG	watt Eq	Bulb Type	Rating *Indoor/Outdoor*	Life	price	Qty
Up&Up	65w	BR30	in/out	20	$ 6.49	4
GE	65w	BR30	in/out	13.7	$ 14.99	1
GE	60W	BC	in/out	13.7	$ 12.49	2
GE	100w	A19	in/out	13	$ 15.89	1
GE	100W	A19	in/out	9	$ 12.99	2
GE	40w	G25	in/out	13.7	$ 12.99	2
GE	40W	BM	in/out	13.7	$ 11.49	2
GE	50/100/150	A21	in/out	13	$ 16.99	1
GE	40w	A19	in/out	13.7	$ 6.99	4
GE	60w	A19	in/out	13.7	$ 4.99	2
GE	40w	A15	in/out	13.7	$ 10.99	2
GE	60w	A15	in/out	13.7	$ 6.43	2
GE	60w	A19	OUT	13.7	$ 8.79	1

Lowe's

Some availability, but not well organized making it difficult to find. Lowes carries the GE line so they should have a similar stock to Target.

True Value

True Value on Bluff did not have a large selection of 2,700K bulbs. A manager was very interested and will discuss with the main buyer to get more in stock thinking there will be an increased demand due to our city requirement.

Wilkinson's
They had bulbs in stock and work with contractors to get whatever is needed.

Online
Hundreds of vendors offer 2,700K and lower CCT lamps. Should a resident need help finding the right lights to order online, please contact us. Volunteers are available to help.

WinSupply
Daniel Robinson, President of WinSupply, commented: "The 2,700K lamps are readily available and can be purchased at home centers or Costco, Walmart, etc. These lamps are generally listed as soft white or warm white. Most outdoor fixtures require a standard A19 lamp with an E26 medium base or candle base lamps in a variety of shapes like C10 or B11." He also indicated that availability is not a problem when working with contractors' requirements.