

CHOOSING THE RIGHT LIGHTING PROFILE

FIRST LIGHT TECHNOLOGIES SOLAR LED LUMINAIRES

A lighting profile determines when your light will be on and how bright it will be through the night. For First Light products, there are two types of lighting profiles – duration based lighting profiles and real-time based lighting profiles.



WHAT ARE DURATION BASED LIGHTING PROFILES?

Duration based profiles are based on when lights detect dusk and dawn. We offer several options to provide full brightness and dimming for fixed durations during the night. Note that there is no additional set up required at time of install.

DURATION BASED LIGHTING PROFILES

		DUSK	NIGHT	DAWN
00	On at dusk > off at dawn	[Yellow bar]		
01	On at dusk > off after 6 hours	[Yellow bar]		
02	On at dusk > after 6 hours dim to 30% > off at dawn	[Yellow bar]		
03	On at dusk > off after for 5 hours > on 1 hour before dawn > off at dawn	[Yellow bar]	[Dark blue bar]	[Yellow bar]
04	On at dusk > dim to 30% after 5 hours > brighten to 100% 1 hour before dawn > off at dawn	[Yellow bar]	[Dark blue bar]	[Yellow bar]
05	On at dusk > off after 3 hours	[Yellow bar]	[Dark blue bar]	[Dark blue bar]
06	On at dusk > off after 4 hours	[Yellow bar]	[Dark blue bar]	[Dark blue bar]
07	On at dusk > off after 4 hours > on 1 hour before dawn > off at dawn	[Yellow bar]	[Dark blue bar]	[Yellow bar]
08	Off (with motion sensing)	[Dark blue bar]	[Dark blue bar]	[Dark blue bar]
09	On at dusk > after 3 hours dim to 30% > brighten to 100% 1 hour before dawn > off at dawn	[Yellow bar]	[Dark blue bar]	[Yellow bar]
10	On 30% at dusk > off at dawn	[Dark blue bar]	[Dark blue bar]	[Dark blue bar]

Order Key Codes



WHAT ARE REAL-TIME BASED LIGHTING PROFILES?

Real-time based profiles are also based on when lights detect dusk and dawn. Instead of fixed durations, a real-time profile can dim or turn off at a specific time during the night. Note that there is additional set up required at time of install.

REAL-TIME BASED LIGHTING PROFILES

You can choose any time between 18:00 and 06:00 for your light to turn off or dim. While your profile will be programmed at the factory, you will need to set the time on the light after connecting the battery during installation. This is achieved by connecting to the light through First Light's iOS bluetooth app.

Order Key Code

TX0000

T=Real-time based lighting profile

X=Choose either D for dim or O for off

0000=Choose a time between 1800 and 0600

Example: 2230=10:30pm, 0000=midnight, 0100=1am



MOTION SENSING: ENSURING YOUR LIGHTS ARE ON WHEN NEEDED

Even when a lighting profile has your light set to off or dim during off-peak hours, motion sensing ensures that your lights are at full brightness when they are most needed by users. First Light luminaires have motion sensing capabilities switched on by default.

CONSIDERATIONS WHEN CHOOSING A LIGHTING PROFILE

- 1 Light all night may not be the best profile option: In our experience, our customers don't need or want fixed lighting all night. This contributes to light pollution and is an inefficient use of energy. Our lighting profile and motion sensing options are designed to provide ample light when it is actually needed by users.
- 2 You can change your light's profile: While all lights are programmed with a profile at the factory, you can also adjust it at any time through First Light's free iOS app. All profile options can be combined with motion sensing to activate a light to full brightness after the time that the light has been specified to turn off or dim.

If you have any questions or would like help choosing the best lighting profile for your application, please contact us at 1 (844) 279-8754 or info@firstlighttechnologies.com.