

INTEGRATED LED · SMART ACCENT FIXTURE

MORPHEUS

One Fixture. 10,000+ Possibilities



ORDERING CODE

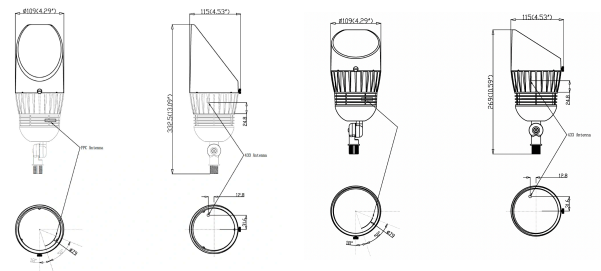
490400 · 2700K

490400 · 3000K

SPECIFICATIONS

VOLTAGE	9–15 Vac · 50/60 Hz · 4.5 A max · 26 W
HOUSING	Cast brass, adjustable beam control
FINISH	Weathered brass · 3" shroud incl.
WEIGHT	5.2 lb
OPTICS	Liquid crystal · two-axis XY control
MOUNTING	Threaded ½" NPT — see chart
WIRING	Pre-wired 5 ft 18/2 pigtail
CRI	85+
WARRANTY	10-year warranty

DIMENSIONS WITH 3" AND 6" SHROUDS



Scan for video
Demo >>



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Beam Angle & Lumen Output

Use no less than 32.30 VA per fixture for transformer load calculations.

BEAM ANGLE	IIN 100%	IIN ~32%	OUTPUT 100%	OUTPUT ~32%
3000K · 490400-3000K · 26W · 32.28 VA (Click rows to view IES)				
16°	2.69 A	1.42 A	2288.6 lm	999.1 lm
25°	2.67 A	1.38 A	2174.8 lm	1048.1 lm
35°	2.66 A	1.38 A	2077.0 lm	999.5 lm
45°	2.67 A	1.33 A	1941.5 lm	911.5 lm
70°	2.68 A	1.36 A	1495.2 lm	701.6 lm
Horiz	2.68 A	1.39 A	1754.9 lm	835.4 lm
Vert	2.68 A	1.38 A	1757.5 lm	836.2 lm
2700K · 490400-2700K · 26W · 32.28 VA (Click rows to view IES)				
16°	2.66 A	1.43 A	1960.6 lm	998.5 lm
25°	2.66 A	1.46 A	2076.0 lm	1065.4 lm
35°	2.66 A	1.44 A	1984.0 lm	1007.6 lm
45°	2.66 A	1.46 A	1854.2 lm	939.0 lm
70°	2.67 A	1.43 A	1413.0 lm	695.9 lm
Horiz	2.67 A	1.44 A	1644.1 lm	836.1 lm
Vert	2.67 A	1.43 A	1641.6 lm	840.4 lm

Ordering Information

FIXTURE ORDERING — UPLIGHT MOUNTING (ORDERED SEPARATELY)

Example: 490400-3000K · 490410 - MS - R3

MOUNTING	RISER
MS Composite stake (incl.) 490034	R2 2" brass riser 490038
M3 Trident Heavy-Duty 3-Prong Stake 490036	R3 3" brass riser 490039
PM Round pier mount 490057	R6 6" brass riser 490031
MR Round tapered 3-hole surface mount 490048	R12 12" brass riser 490032
MP PVC/Brass post stake 490037	R24 24" brass riser 490033
GM Brass gutter mount 490047	
RMP Round Brass Electrical Mounting Plate - 490043	
REP Rectangular Brass Electrical Mounting Plate - 490044	
DB Brass Direct Burial J-Box - 490058	

FIXTURE ORDERING — DOWNLIGHT MOUNTING (ORDERED SEPARATELY)

Example: 490400-2700K - TH9 - 490410

MOUNTING	
TM TM-Tree Mount - 490046	TH9 Tree Hugger Strap Kit 9"- Max 14" - 490330
TH15 Tree Hugger Strap Kit 15"- Max 22.5" - 490331	TH24 Tree Hugger Strap Kit 24"- Max 31.5" - 490332
TH36 Tree Hugger Strap Kit 36"- Max 46.5" - 490333	TH48 Tree Hugger Strap Kit 48"- Max 61.5" - 490334
N Newhouse Brass Tree Mount J-Box - 490060	EM Round Electrical Mounting Plate 490043
MSM Brass Micro Surface Mount 490049	RMP Rectangular Electrical Mounting Plate 490044

Optional 6" Shroud — **490410**



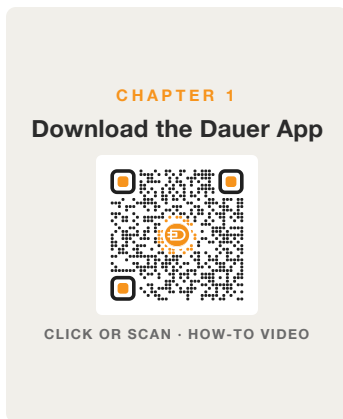
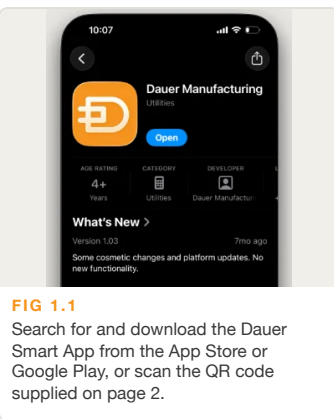
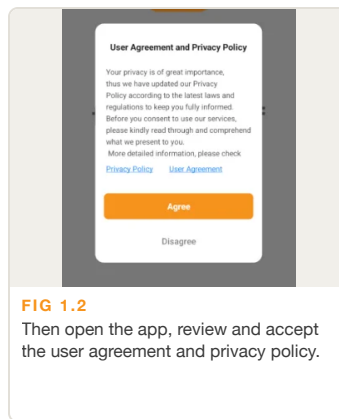
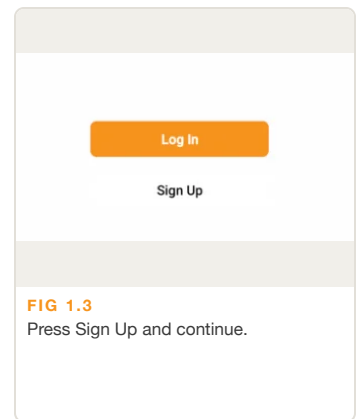
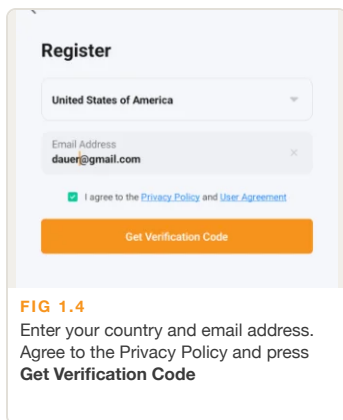
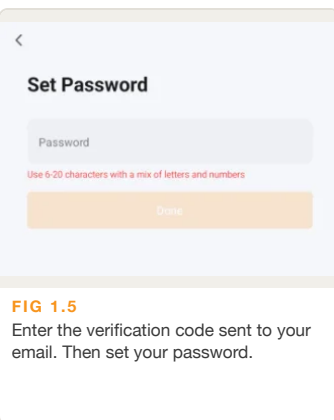
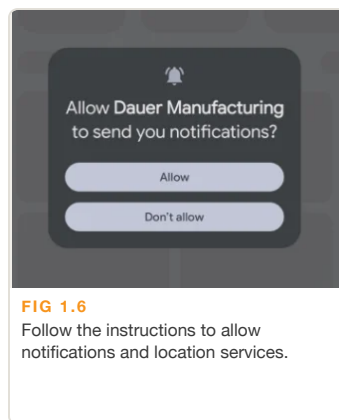
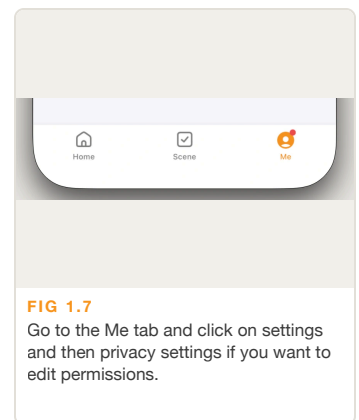
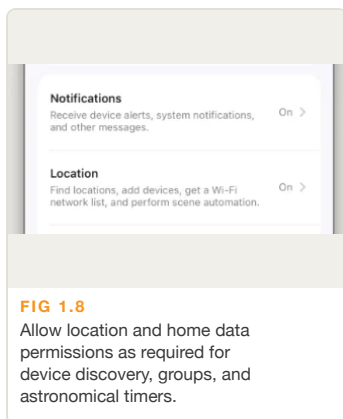
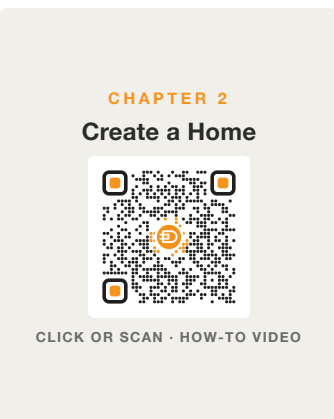
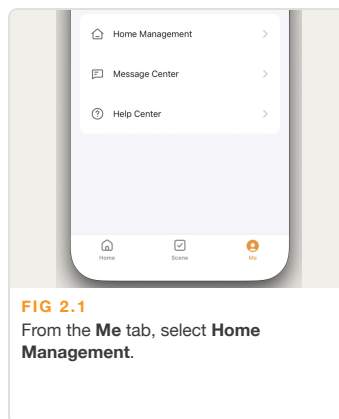
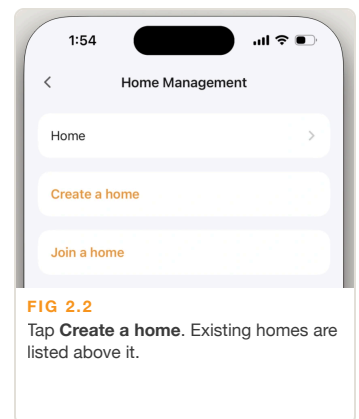
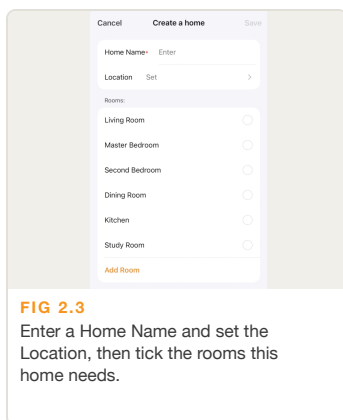
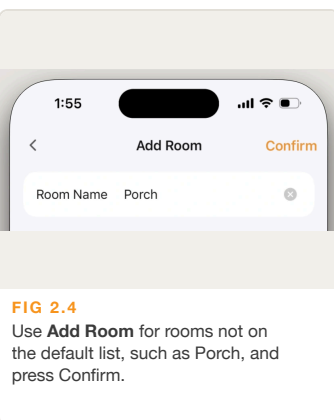
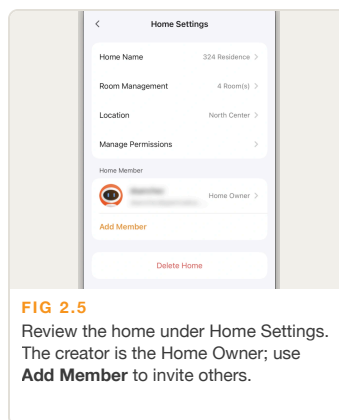
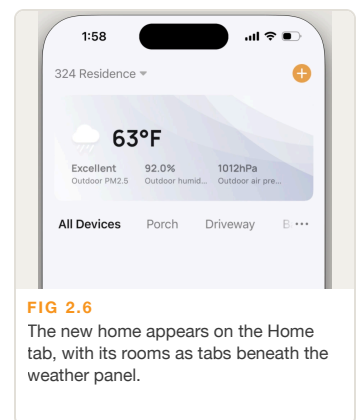
Optional Flat Cover — **490411**



Safety Information

Read and follow all warnings before installation. Review with your compliance team prior to publication.

- 1** Install and wire the fixture in accordance with national and local electrical codes and applicable low-voltage landscape lighting requirements.
- 2** Use only with compatible 9–15 Vac low-voltage outdoor landscape lighting systems and properly rated transformers.
- 3** Do not exceed transformer load capacity. Use 32.30 VA per Morpheus fixture for load calculations unless Dauer publishes an updated value.
- 4** Do not submerge fixtures or connectors unless the specific accessory is rated for submersible use.
- 5** Do not modify the fixture, lens system, antenna, wiring, or RF / Bluetooth components.
- 6** Use outdoor-rated low-voltage cable and connectors appropriate for the installation environment.
- 7** Keep wireless devices within documented range during pairing and commissioning.
- 8** For service, firmware, or connectivity issues, contact Dauer or a qualified installer.



CHAPTER 3

Adding the Fixture



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No devices

Add Device

FIG 3.1

Return to the home tab and press the Add Device button.



FIG 3.2

Point the RF clicker at the fixture. Press and hold the button until the fixture flashes to enter pairing mode.

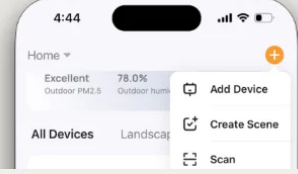


FIG 3.3

From the Home tab, tap the + button and select Add Device.

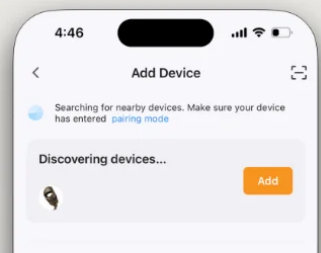


FIG 3.4

Select the Morpheus fixture under Discovered Devices. Keep your phone close to the fixture during pairing.

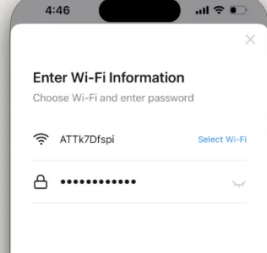


FIG 3.5

Select your 2.4GHz Wi-Fi network, enter the password, and tap Next.



FIG 3.6

Once the device is successfully added, tap its name to open the Control Panel.

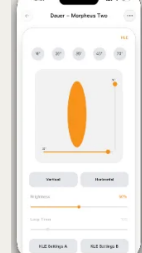


FIG 3.7

Test the controls to confirm the fixture responds properly.

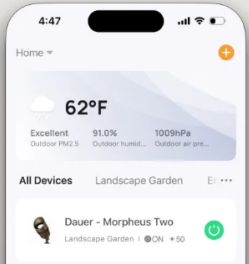


FIG 3.8

Your fixture will be listed on the home tab

CHAPTER 4

Add an Admin



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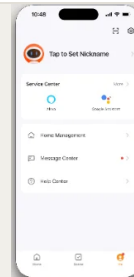


FIG 4.1

From the Me tab, select Home Management.

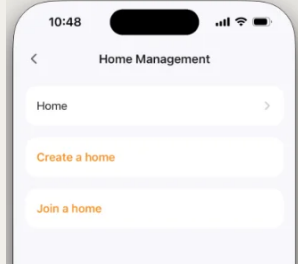


FIG 4.2

Select your home network from the list.

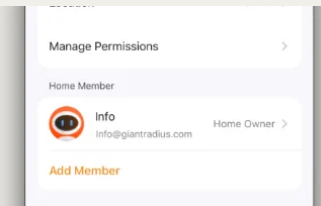


FIG 4.3

Press Add Member

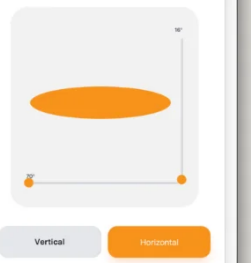


FIG 4.4

Tap Role and change it from Common Member to Administrator.

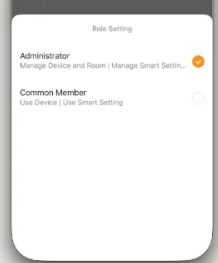


FIG 4.5

Choose Administrator and save. Giving your installer admin will allow them to troubleshoot remotely.

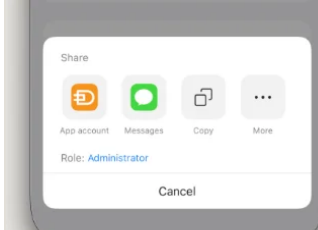


FIG 4.6

Tap Copy to copy the invitation link. Send it to the user via text or email.

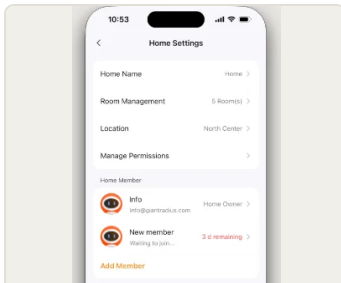


FIG 4.7
Links expire in 3 days. To modify permissions later, select the member's name.

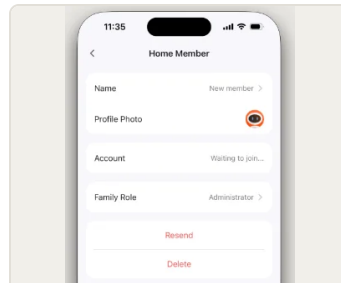


FIG 4.8
Customize the member's name, profile icon, or account role as needed.

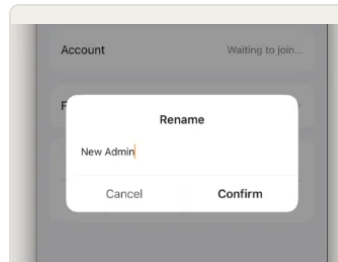


FIG 4.9
Example of an edited administrator profile name.

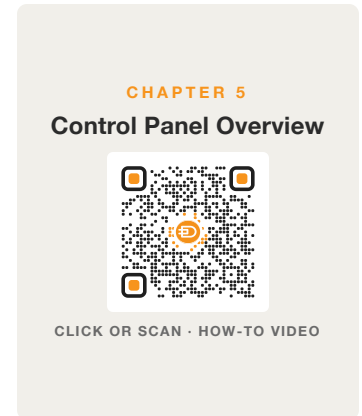
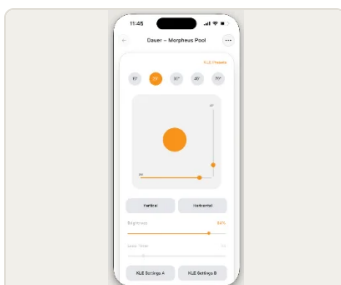


FIG 5.1
Select a fixture or group from the Home screen to open its Control Panel.

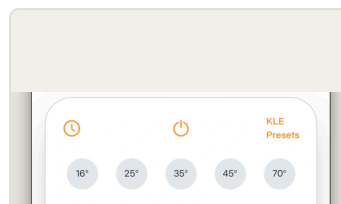


FIG 5.2
Tap a preset to instantly snap to that beam angle. Press the clock for the scheduler, the power button to turn on/off and the KLE Presets to access loops.

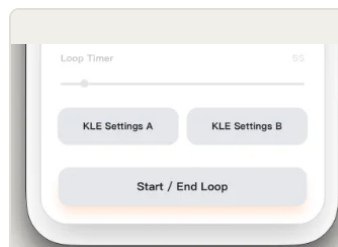


FIG 5.3
Use the KLE buttons to program your Kinetic Lighting Effect. More details are in chapter 11.

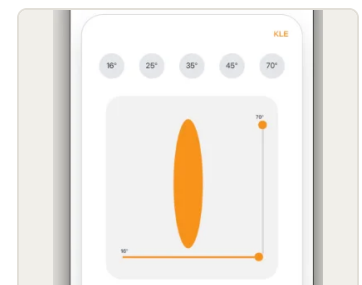


FIG 5.4
Drag the X and Y axis sliders to custom-widen or narrow the beam shape.

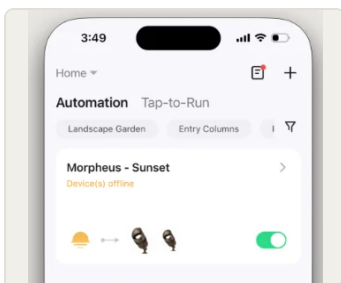


FIG 5.5
Tap **Vertical** or **Horizontal** mode to lock the sliders to a 16° by 70° ratio.

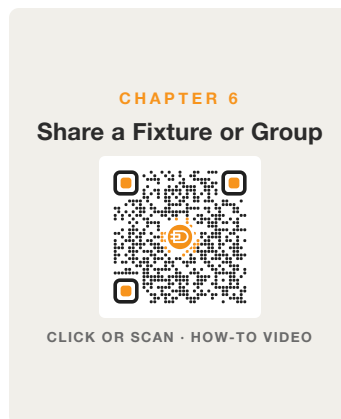
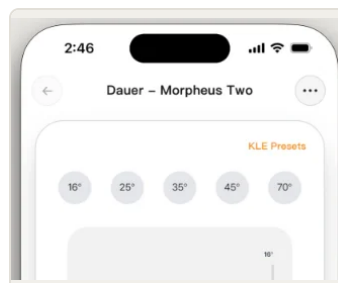


FIG 6.1
Open the fixture or group controls, tap the three dots (...) icon, and select **Share Device**.

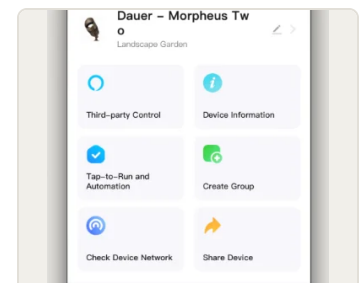


FIG 6.2
Select **Share Device**

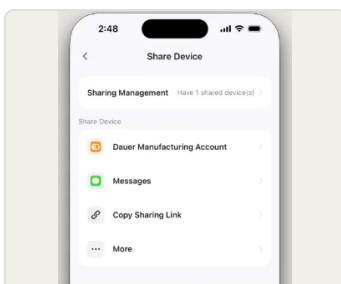


FIG 6.3
Tap **Copy Sharing Link** to copy the invitation URL to your clipboard.

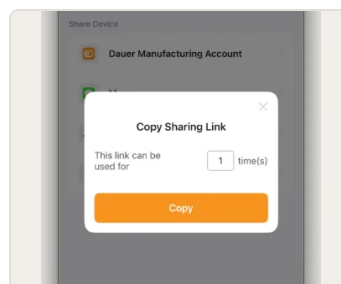


FIG 6.4
Set the maximum number of times the link can be used to activate sharing.

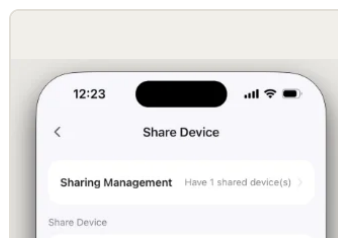


FIG 6.5
To view or remove existing users, tap **Sharing Management** on the Share Device screen.

CHAPTER 7

Astronomical Timer



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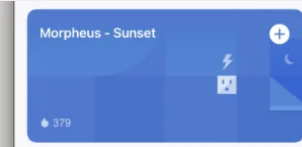


FIG 7.1

From the **Scene** tab, select either the **Morpheus Sunset** or **Morpheus Sunrise** tile.

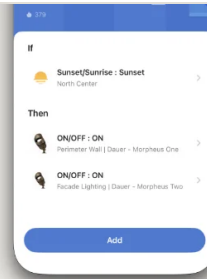


FIG 7.2

Tap a fixture name within the automation to customize individual settings or remove it.

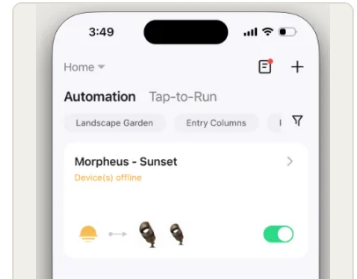


FIG 7.3

Open your customized timer tile under the **Automation** list to modify its settings.

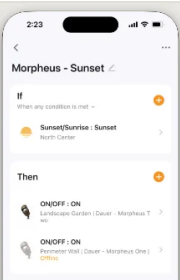


FIG 7.4

Tap **Sunset/Sunrise** to adjust execution frequencies, schedule days, or custom times.

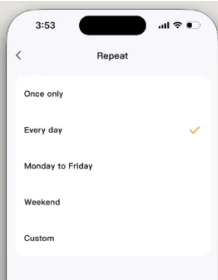
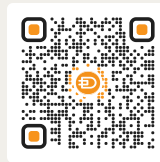


FIG 7.5

Tap **Custom** to manually configure specific timer rules.

CHAPTER 8

Creating and Editing Groups



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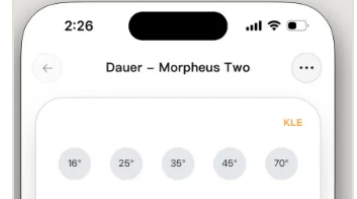


FIG 8.1

From the Control Panel of any fixture, tap the three dots (...) icon.

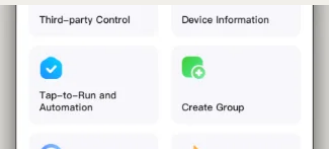


FIG 8.2

Tap the **Create Group** button.



FIG 8.3

Select the fixtures you want to group together, then tap **Save**.

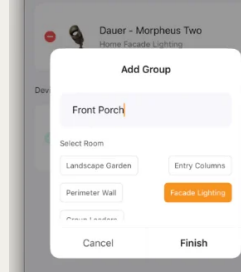


FIG 8.4

Enter a descriptive name for your group, then tap **Finish**.

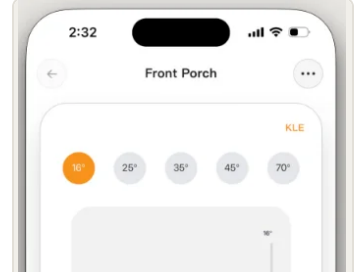


FIG 8.5

To edit any existing group or individual fixture, open its controls and tap (...).

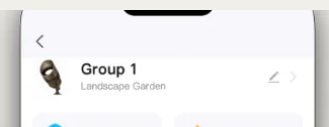


FIG 8.6

Tap the **Pencil icon** next to the current name to modify device or group details.

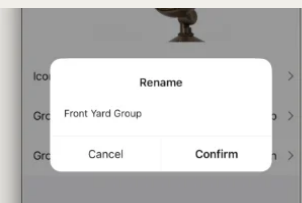


FIG 8.7

Enter a clear name (e.g., *Front Oak*, *Fountain Accent*) and assign an area or room.

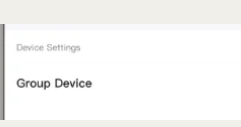


FIG 8.8

Tap **Group Devices** to add or remove fixtures from an active group at any time.

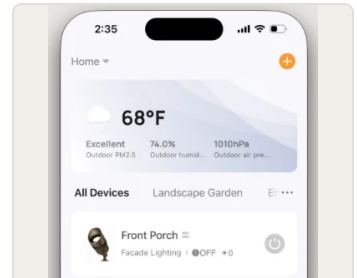


FIG 8.9

Your new group will appear in the list of devices on the home screen.

CHAPTER 9 Scheduling



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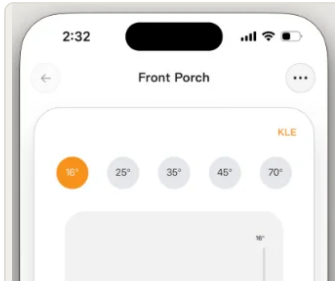


FIG 9.1
Select a device or group from the Home screen. From its Control Panel, tap the **Clock** icon.

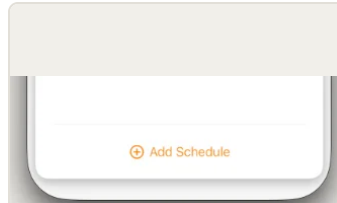


FIG 9.2
Tap the **Add Schedule** button at the bottom of the screen.

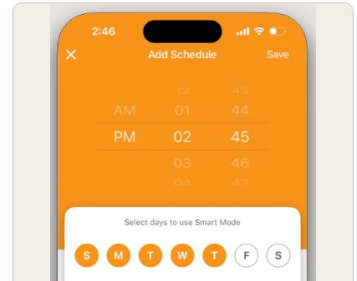


FIG 9.3
Choose the time, select the active days, and set the action to **ON** or **OFF**. Tap **Save**.

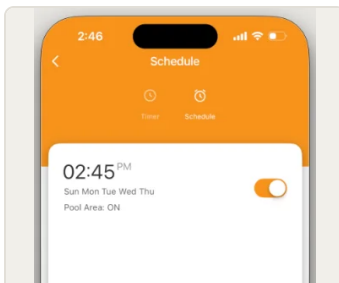


FIG 9.4
Review your new active schedule. Repeat these steps to add more schedules to the device or group.

CHAPTER 10 Create a Scene Preset



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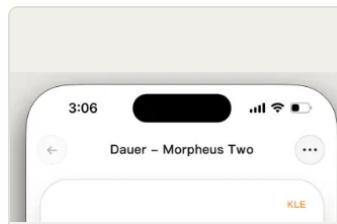


FIG 10.1
From the Control Panel, tap the **KLE Presets** button.

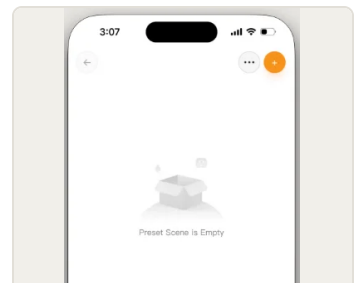


FIG 10.2
Tap the **Add (+)** button on the Presets screen.

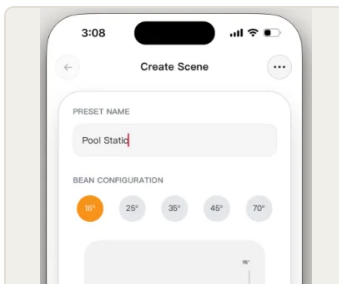


FIG 10.3
Enter a descriptive name for your custom static preset.

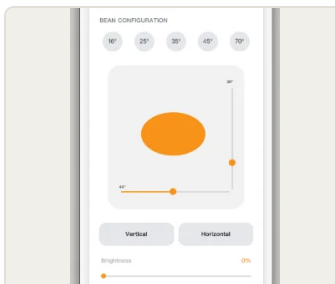


FIG 10.4
Adjust the sliders to set your desired beam angles and brightness.

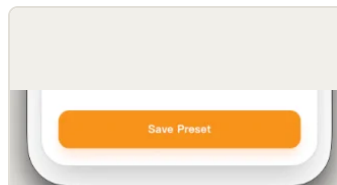


FIG 10.5
Tap the **Save Preset** button.

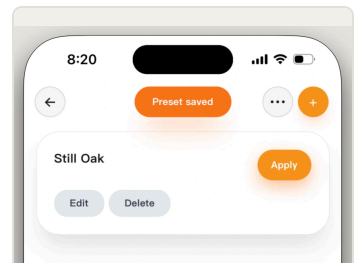


FIG 10.6
Your new preset is now stored and can be recalled from the **KLE Presets** screen.

CHAPTER 11 Kinetic Lighting Effect Loops



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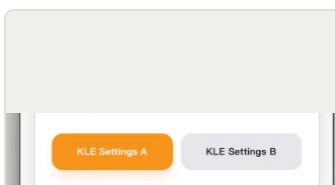


FIG 11.1
From the Control Panel, tap **KLE Settings A** to configure your animation starting point.

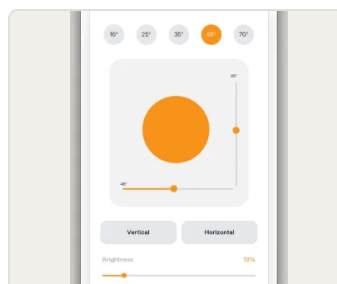


FIG 11.2
Adjust the sliders to set the initial beam angles and brightness for your start position.

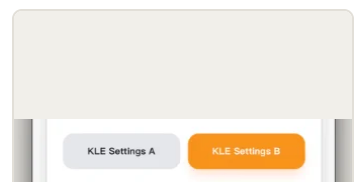


FIG 11.3
Tap **KLE Settings B** to open your animation end point settings.

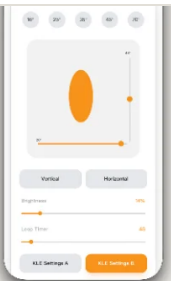


FIG 11.4
Set your destination beam angles, brightness, and use the **Loop Timer** to set cycle speed.

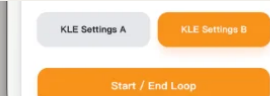


FIG 11.5
Tap the **Start / End Loop** button to preview your kinetic animation in real time.

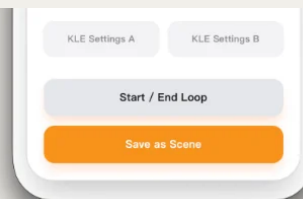


FIG 11.6
Save the kinetic effect as a named preset KLE Loop if desired.

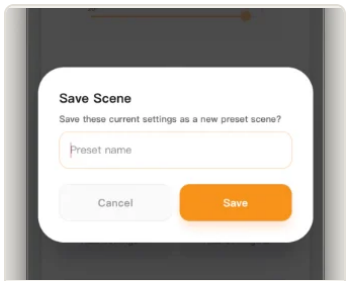


FIG 11.7
Name the KLE Loop and press Save. The next section explains how to recall a saved KLE Loop.

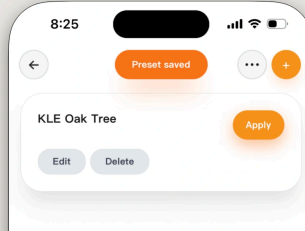


FIG 11.8
Your KLE Loop preset is now stored and can be recalled from the **KLE Presets** Screen by pressing **Apply**

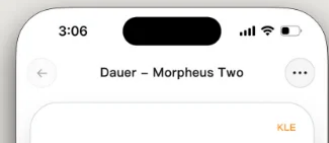


FIG 11.9
Alternatively you can create and save a KLE animation directly from the **KLE Presets** screen.

CHAPTER 12 Geo Location - Arriving



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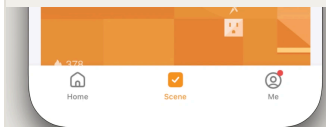


FIG 12.1
Select the "Scene" tab at the bottom of the screen.

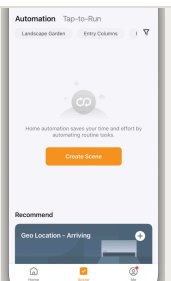


FIG 12.2
On the Scene screen, you will find options to create custom scenes or use recommended presets.

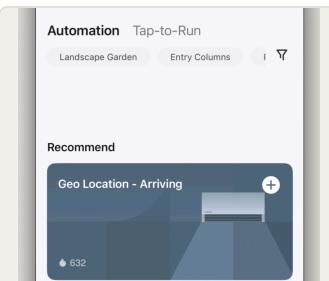


FIG 12.3
Under the "Recommended" section, locate "Geo Location - Arriving" and tap the "+" icon.

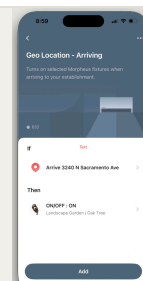


FIG 12.4
Set your location trigger under "If" and select the device action under "Then". Press "Add" at the bottom.

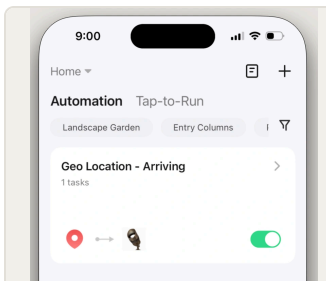


FIG 12.5
Your new preset is now saved and active under the "Automation" tab.

CHAPTER 13
Network Diagnosis



CLICK OR SCAN · HOW-TO VIDEO



FIG 13.1
From any screen, select the Me tab.

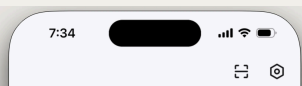


FIG 13.2
Tap the Settings icon in the top-right corner.

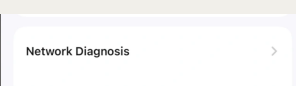


FIG 13.3
Scroll down and select Network Diagnosis.

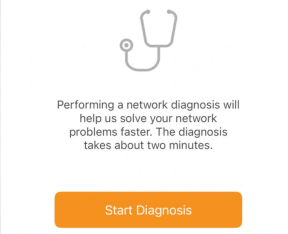


FIG 13.4
Tap Start diagnosis.

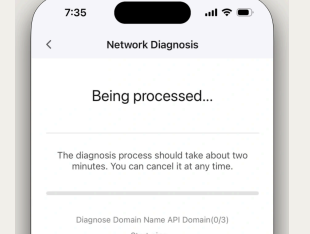


FIG 13.5
Processing may take a couple of minutes.

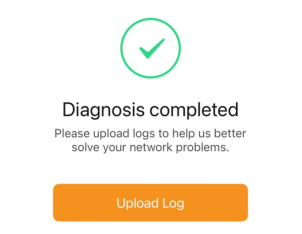


FIG 13.6
Once completed, tap Upload Log to view or share the diagnostic information.

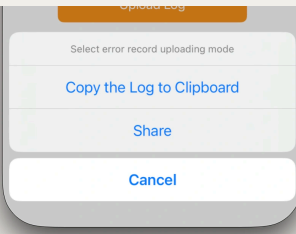


FIG 13.7
This information helps the installer or customer service resolve issues more efficiently.

Additional Topics

Quick reference for features that don't need full step-by-step spreads.

14 Network Expansion & Coverage Recommendations

For larger installation areas that require extended coverage, the team strongly recommends implementing dedicated wireless access points rather than relying on standard router ranges. During our field testing, the **TP-Link EAP650 - Outdoor** demonstrated exceptional performance, maintaining a lag-free connection over a **400-foot range**.

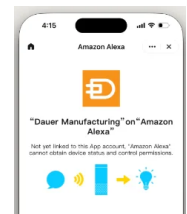
Integrating this hardware into the project scope ensures a stable, highly reliable connection for all smart landscape fixtures while simultaneously upgrading the client's overall property Wi-Fi infrastructure.



15 Voice Control Setup

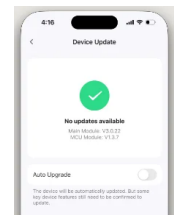
ALEXA - GOOGLE

1. Every Morpheus fixture is individually addressable on your network.
2. View its IP and MAC in Device Info to identify, ping, or troubleshoot the fixture from your router.
3. Use a DHCP reservation if you need a stable address for integration with third-party controllers.



16 OTA Firmware Updates

When a firmware update is available, the Dauer Smart App displays a badge on the device tile. Tap Update and keep the fixture powered and within Wi-Fi range until the progress bar completes (typically 2–4 minutes). The fixture reboots automatically and restores its previous state.



17 Download iOS or Android App

STEPS TO INSTALL

1. Search for and download the "Dauer Manufacturing" on the iOS or Android App Stores
2. Follow the steps that include: Allow Notifications and Terms Agreement.
3. Create an account. Follow the steps to verify your email.
4. Login and allow For: **Bluetooth** and **Location Settings**
5. You are now ready to add the Morpheus. See Chapter 3 for details on adding a device.

