

INTEGRATED LED · SMART DOWNLIGHT ACCENT FIXTURE

MORPHEUS

One Fixture. 10,000+ Possibilities

FIXTURE



Dauer
MANUFACTURING®

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

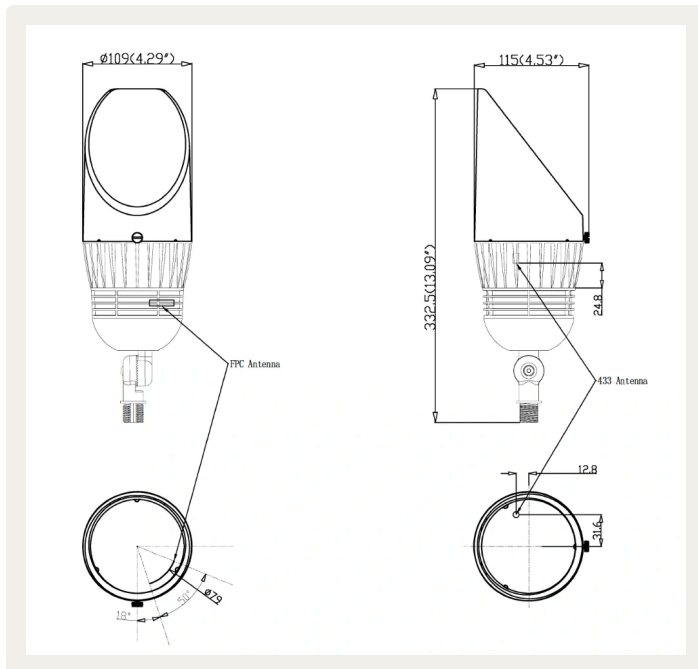
MOUNTING Threaded ½" NPT — see chart on page 2

WIRING Pre-wired 5 ft 18/2 pigtail

CRI 85+

WARRANTY 10-year warranty

DIMENSIONS (click to enlarge)



PATENT PENDING

Scan QR to watch demo video



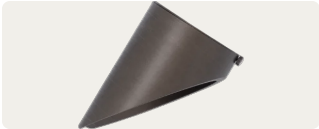
Beam Angle & Lumen Output

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

BEAM	LUMENS @ 100%	DELIVERED LUMENS @ 32%	INPUT CURRENT @ 100%	INPUT CURRENT @ 32%
3000K · 490400-3000K · 26 W · 32.28 VA (Click rows to view IES)				
16°	2,288.6 lm	999.1 lm	2.69 A	1.42 A
25°	2,174.8 lm	1,048.1 lm	2.67 A	1.38 A
35°	2,077.0 lm	999.5 lm	2.66 A	1.38 A
45°	1,941.5 lm	911.5 lm	2.67 A	1.33 A
70°	1,495.2 lm	701.6 lm	2.68 A	1.36 A
Horizontal	1,754.9 lm	835.4 lm	2.68 A	1.39 A
Vertical	1,757.5 lm	836.2 lm	2.68 A	1.38 A
2700K · 490400-2700K · 26 W · 32.28 VA (Click rows to view IES)				
16°	1,960.6 lm	998.5 lm	2.66 A	1.43 A
25°	2,076.0 lm	1,065.4 lm	2.66 A	1.46 A
35°	1,984.0 lm	1,007.6 lm	2.66 A	1.44 A
45°	1,854.2 lm	939.0 lm	2.66 A	1.46 A
70°	1,413.0 lm	695.9 lm	2.67 A	1.43 A
Horizontal	1,644.1 lm	836.1 lm	2.67 A	1.44 A
Vertical	1,641.6 lm	840.4 lm	2.67 A	1.43 A

Fixture Ordering Information

Example: **490400-3000K · 490410 · TH24** — fixture + optional 6" shroud (490410) + Tree Hugger 24" strap kit.

FIXTURE ORDERING — MOUNTING (ORDERED SEPARATELY)			MOUNTING PLATES & J-BOX		
TM	TM-Tree mount	490046	N	Newhouse Brass Tree Mount J-Box	490060
TH9	Tree Hugger Strap 9" (max 14")	490330	EM	Round Electrical Mounting Plate	490043
TH15	Tree Hugger Strap 15" (max 22.5")	490331	MSM	Brass Micro Surface Mount	490049
TH24	Tree Hugger Strap 24" (max 31.5")	490332	RMP	Rectangular Electrical Mounting Plate	490044
TH36	Tree Hugger Strap 36" (max 46.5")	490333	<div> <div> OPT. 6" SHROUD 490410  </div> <div> OPT. FLAT COVER 490411  </div> </div>		
TH48	Tree Hugger Strap 48" (max 61.5")	490334			

Safety Information

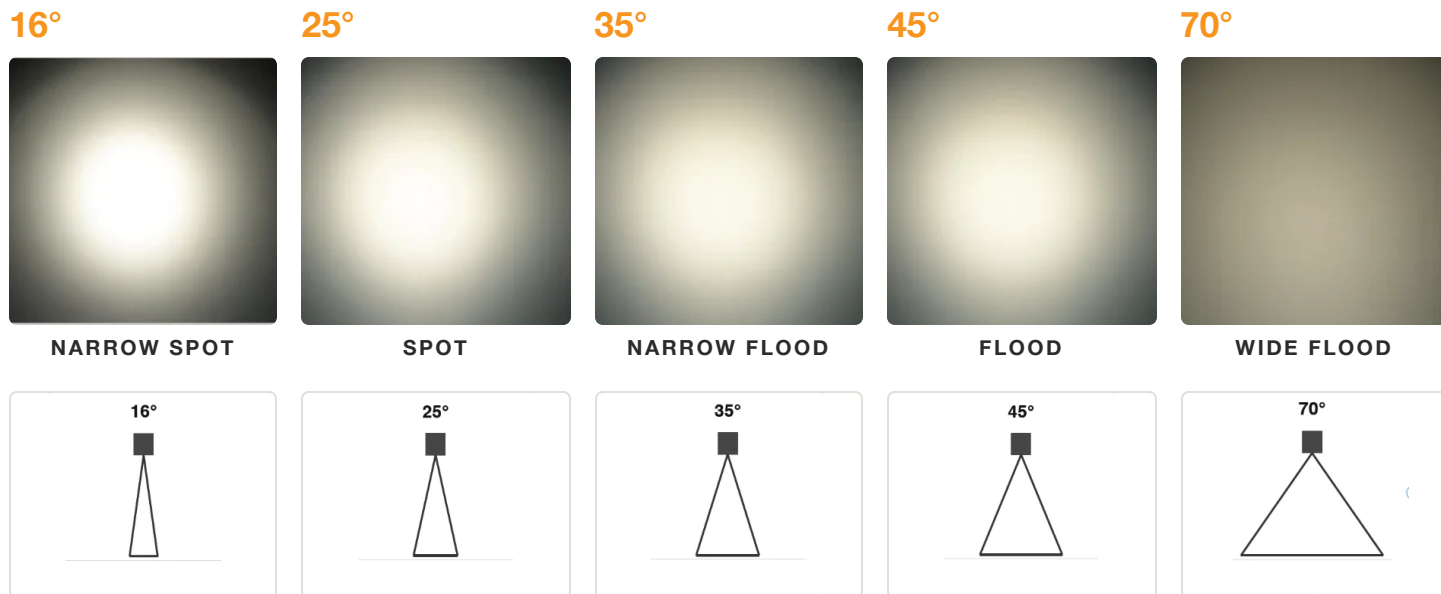
Read and follow all warnings before installation. Review with your compliance team prior to publication.

- 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.

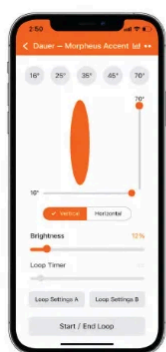
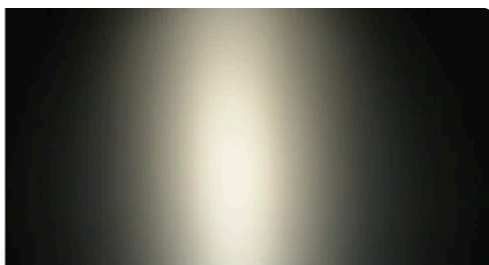
10,000+ POSSIBILITIES

App-adjustable presets 16°–70°

Two-axis liquid crystal cells deliver **more than 10,000 possible combinations**, tuned and saved from the Dauer Smart App with no field optics to swap.



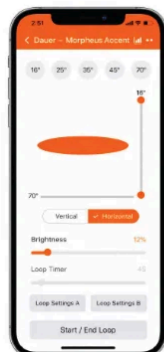
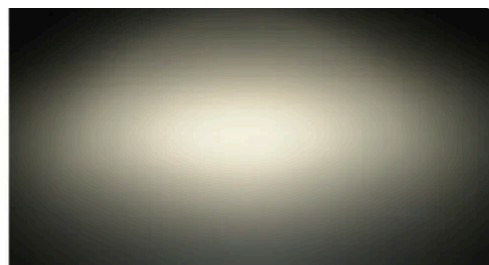
VERTICAL MODE



16° x 70°

Tall, narrow ellipse for grazing trees, columns, and architectural verticals.

HORIZONTAL MODE



70° x 16°

Wide, low ellipse for hedges, walls, fences, and horizontal landscape elements.

DAUER SMART APP

One Fixture. 10,000+ Possibilities.

01 · BEAM

App-Adjustable Beam Presets

Save and recall 16°–70° in the app — no field optics swap.

CLICK OR SCAN FOR DEMO



02 · OPTICS

Moonlighting

Two-axis liquid-crystal control reshapes the beam without rotating the fixture.

CLICK OR SCAN FOR DEMO



03 · DIMMING

Smooth Dimming and Shaping

Per-fixture brightness and X, Y Beam Shaping from the control panel.

CLICK OR SCAN FOR DEMO



04 · SCENES

Scene Creation

Combine beam, level, and angle settings into named scenes; recall in one tap.

05 · GROUPS

Fixture Grouping

Group fixtures by area, plant, or zone — even across multiple transformers.

CLICK OR SCAN FOR DEMO



06 · TIMERS

Schedules & Astro Clock

Sunrise / sunset triggers with offsets; per-day and weekly rules.

07 · KINETIC

Kinetic Lighting Effect Loop

Cycle saved scenes on a programmed loop for movement and ambience.

CLICK OR SCAN FOR DEMO



08 · COLOR

2700K / 3000K Selectable

Order by SKU; warm-white preference per fixture.

09 · LOCATION

Geofence & Away Mode

Trigger arrival / departure scenes; vacation routines run while you're out.

10 · NAMING

Per-Fixture Naming

Front Oak, Entry Wall, Fountain Accent — names sync to the cloud.

11 · SHARING

Multi-User Access

Invite family or installers with scoped permissions per project.

12 · RADIO

Wi-Fi + Bluetooth Dual Mode + RF

2.4 GHz Wi-Fi for cloud + remote; Bluetooth for setup and local control. Use the supplied RF pairing clicker to place the Morpheus fixture into pairing mode.

13 · NETWORK

IP Addressed

Each fixture reports device info and diagnostics on its own IP node.

14 · OTA

OTA Firmware Updates

New features and fixes push to installed fixtures over the cloud.

15 · DIAGNOSTICS

Health & Diagnostics

Live signal, firmware revision, and fault state for every fixture in the app.

Technical Specifications

Reference data for designers, engineers, and integrators.

ELECTRICAL

INPUT VOLTAGE 9–15 Vac · 50/60 Hz

INPUT CURRENT 4.5 A max · 2.66 A typ.

WATTAGE 26 W

LOAD CALC 32.30 VA min. per fixture

WIRING Pre-wired 5 ft 18/2 pigtail

DIMMING App-controlled 0–100%

PHYSICAL

HOUSING Cast brass

FINISH Weathered brass · 3" shroud incl.

MOUNTING Threaded ½" NPT

AIMING Full-rotation knuckle

ENVIRONMENT Wet location · IP65

WARRANTY 10-year limited

OPTICAL PERFORMANCE

COLOR TEMP 2700K or 3000K (by SKU)

CRI 85+

BEAM SPREAD 16°–70° · presets & XY

PEAK OUTPUT 2,288 lm @ 16° · 100% drive

OPTICS Liquid crystal · two-axis XY

L70 LIFE 50,000 hours

CONNECTIVITY

RADIOS Wi-Fi 2.4 GHz + Bluetooth LE (dual)

PAIRING RANGE ~30 m line-of-sight (BLE) and (RF)

ADDRESSING Per-fixture IP node

SECURITY AES-encrypted link · persistent memory

APP Dauer Smart App · iOS & Android

UPDATES OTA firmware over cloud

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.

COMPLIANCE

UL Listed · File No. E551821. FCC marked. Patent Pending. Specifications subject to change.

